

# ETSI TS 134 123-2 V15.5.0 (2023-10)



**Universal Mobile Telecommunications System (UMTS);  
User Equipment (UE) conformance specification;  
Part 2: Implementation conformance statement (ICS) proforma  
specification  
(3GPP TS 34.123-2 version 15.5.0 Release 15)**



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**Reference**

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**Keywords**

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**ETSI**

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# Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

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# Foreword

This Technical Specification (TS) has been produced by the 3<sup>rd</sup> Generation Partnership Project (3GPP).

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# Introduction

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a telecommunication specification. Such a statement is called an Implementation Conformance Statement (ICS).

The present document is part 2 of a multi-part conformance test specification for UE.

3GPP TS 34.123-1 [49]: "User Equipment (UE) conformance specification; Part 1: Protocol conformance specification".

**3GPP TS 34.123-2: "User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification". (the current document)**

3GPP TS 34.123-3 [50]: "Abstract Test Suite (ATS)".

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# 1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for 3<sup>rd</sup> Generation User Equipment (UE), in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-7 [2] and ETS 300 406 [3].

The present document also specifies a recommended applicability statement for the test cases included in TS 34.123-1. These applicability statements are based on the features implemented in the UE.

Special conformance testing functions can be found in 3GPP TS 34.109 [45] and the common test environments are included in 3GPP TS 34.108 [44].

The present document is valid for UE implemented according to 3GPP releases starting from Release 1999 up to the Release indicated on the cover page of the present document.

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# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document in the same Release as the present document unless the context in which the reference is made suggests a different Release is relevant (information on the applicable release in a particular context can be found in e.g. test case title, description or applicability, message description or content).
  - For a Release 1999 UE, references to 3GPP documents are to version 3.x.y, when available.
  - For a Release 4 UE, references to 3GPP documents are to version 4.x.y, when available.
  - For a Release 5 UE, references to 3GPP documents are to version 5.x.y, when available.
  - For a Release 6 UE, references to 3GPP documents are to version 6.x.y, when available.
  - For a Release 7 UE, references to 3GPP documents are to version 7.x.y, when available.
  - For a Release 8 UE, references to 3GPP documents are to version 8.x.y, when available.

- [1] ISO/IEC 9646-1: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [2] ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".
- [3] ETSI ETS 300 406 (1995): "Methods for testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".
- [4] 3GPP TR 21.904: "UE capability requirements".
- [5] 3GPP TS 22.002: "Circuit Bearer Services (BS) supported by Public Land Mobile Network (PLMN)".
- [6] 3GPP TS 22.003: "Circuit Teleservices supported by a Public Land Mobile Network (PLMN)".
- [7] 3GPP TS 22.004: "General on Supplementary Services".

- [8] 3GPP TS 22.042: "Network Identity and Time zone (NITZ); Service description, Stage 1".
- [9] 3GPP TS 22.057: "Mobile Station Application Execution Environment (MExE); Service description, Stage 1".
- [10] 3GPP TS 22.060: "General Packet Radio Service (GPRS); Service description, Stage 1".
- [11] 3GPP TS 22.067: "enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 1".
- [12] 3GPP TS 22.071: "Location Services (LCS); Service description, Stage 1".
- [13] 3GPP TS 22.072: "Call Deflection Service description - Stage 1".
- [14] 3GPP TS 22.081: "Line identification Supplementary Services; Stage 1".
- [15] 3GPP TS 22.082: "Call Forwarding (CF) supplementary services - Stage 1".
- [16] 3GPP TS 22.083: "Call Waiting (CW) and Call Holding (HOLD); Supplementary Services - Stage 1".
- [17] 3GPP TS 22.084: "MultiParty (MPTY) Supplementary Services - Stage 1".
- [18] 3GPP TS 22.085: "Closed User Group (CUG) Supplementary Services - Stage 1".
- [19] 3GPP TS 22.086: "Advice of Charge (AoC) Supplementary Services - Stage 1".
- [20] 3GPP TS 22.087: "User-to-User signalling (UUS); Service description - Stage 1".
- [21] 3GPP TS 22.088: "Call Barring (CB) Supplementary Services - Stage 1".
- [22] 3GPP TS 22.090: "Unstructured Supplementary Service Data (USSD) - Stage 1".
- [23] 3GPP TS 22.091: "Explicit Call Transfer (ECT)".
- [24] 3GPP TS 22.093: "Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1".
- [25] 3GPP TS 22.094: "Follow Me Service description; Stage 1".
- [26] 3GPP TS 22.096: "Name identification supplementary services; Stage 1".
- [27] 3GPP TS 22.097: "Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1".
- [28] 3GPP TS 22.105: "Services and Service Capabilities".
- [29] 3GPP TS 24.008: "Mobile radio interface Layer 3 specification; Core Network Protocols - Stage 3".
- [30] 3GPP TS 22.135: "Multicall; Service description; Stage 1".
- [31] 3GPP TS 23.107: "Quality of Service (QoS) concept and architecture".
- [32] 3GPP TS 25.201: "Physical layer - General Description".
- [33] 3GPP TS 25.101: "UE radio Transmission and Reception (FDD)".
- [34] 3GPP TS 25.102: "UTRA (UE) TDD; Radio Transmission and Reception".
- [34a] 3GPP TS 25.306: "UE Radio Access Capabilities".
- [35] 3GPP TS 25.321: "Medium Access Control (MAC) protocol specification".
- [36] 3GPP TS 25.322: "Radio Link Control (RLC) protocol specification".
- [37] 3GPP TS 25.323: "Packet Data Convergence Protocol (PDCP) specification".
- [38] 3GPP TS 25.324: "Broadcast/Multicast Control BMC".
- [39] 3GPP TS 25.331: "Radio Resource Control (RRC) protocol specification".



- [40] Void
- [41] 3GPP TS 26.071: "Mandatory Speech Codec speech processing functions - AMR Speech Codec - General Description".
- [42] 3GPP TS 26.111: "Codec for circuit switched multimedia telephony service; Modifications to H.324"
- [43] 3GPP TS 31.111: "USIM Application Toolkit (USAT)".
- [44] 3GPP TS 34.108: "Common Test Environments for User Equipment (UE) Conformance Testing".
- [45] 3GPP TS 34.109: "Terminal logical test interface; Special conformance testing functions".
- [46] 3GPP TS 34.121-1: " User Equipment (UE) conformance specification; Radio transmission and reception (FDD);Part 1: Conformance specification".
- [46a] 3GPP TS 34.121-2: "User Equipment (UE) conformance specification; Radio transmission and reception (FDD); Part 2: Implementation Conformance Statement (ICS)".
- [47] 3GPP TS 34.122: "Terminal Conformance Specification, Radio Transmission and Reception (TDD)".
- [48] 3GPP TS 34.124: "Electromagnetic Compatibility (EMC) for Mobile terminals and ancillary equipment".
- [49] 3GPP TS 34.123-1: "User Equipment (UE) conformance specification; Part 1: Protocol conformance specification".
- [50] 3GPP TS 34.123-3: "User Equipment (UE) conformance specification; Part 3: Abstract Test Suites".
- [51] 3GPP TS 22.001: " Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)".
- [52] 3GPP TS 51.010-2: "Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification "
- [53] 3GPP TS 23.228: "IP Multimedia Subsystem (IMS)".
- [54] 3GPP TS 22.246: "Multimedia Broadcast/Multicast Service (MBMS) user services; Stage 1"
- [55] 3GPP TS 23.246: "Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description"
- [56] 3GPP TS 36.523-2: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRAN); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification".
- [57] 3GPP TS 37.571-3: "User Equipment (UE) conformance specification for UE positioning; Part 3: Implementation Conformance Statement (ICS)".
- [58] 3GPP TS 23.011: "Technical realization of Supplementary Services".
- [59] 3GPP TS 24.010: "Mobile radio interface layer 3 Supplementary services specification; General aspects".
- [60] 3GPP TS 24.080: "Mobile radio interface layer 3 supplementary services specification; Formats and coding".
- [61] 3GPP TS 29.002: "Mobile Application Part (MAP) specification".
- [62] 3GPP TS 24.081: "Line Identification supplementary services; Stage 3".
- [63] 3GPP TS 24.082: "Call Forwarding (CF) supplementary services; Stage 3".
- [64] 3GPP TS 24.083: "Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 3".

- [65] 3GPP TS 24.084: "Multi Party (MPTY) supplementary service; Stage 3".
- [66] 3GPP TS 24.088: "Call Barring (CB) supplementary service; Stage 3".
- [67] 3GPP TS 24.090: "Unstructured Supplementary Service Data (USSD); Stage 3".
- [68] 3GPP TS 24.091: "Explicit Call Transfer (ECT) supplementary service; Stage 3".
- [69] 3GPP TS 24.096: "Name Identification supplementary services; Stage 3".

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## 3 Definitions and abbreviations

### 3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

- terms defined in the relevant 3GPP core specifications (see normative references);
- terms defined in ISO/IEC 9646-1 [1] and in ISO/IEC 9646-7 [2].

In particular, the following terms defined in ISO/IEC 9646-1 [1] apply:

**Implementation Conformance Statement (ICS):** statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented  
The ICS can take several forms: protocol ICS, profile ICS, profile specific ICS, information object ICS, etc.

**ICS proforma:** document, in the form of a questionnaire, which when completed for an implementation or system becomes an ICS

### 3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

|      |                                      |
|------|--------------------------------------|
| ICS  | Implementation Conformance Statement |
| SCS  | System Conformance Statement         |
| UEUT | User Equipment Under Test            |

---

## 4 Recommended test case applicability

The applicability of each individual test is identified in the table 1. This is just a recommendation based on the purpose for which the test case was written.

The applicability of every test is formally expressed by the use of Boolean expression that are based on parameters (ICS) included in annex A of the present document and of TS 51.010-2 [52].

The columns in table 1 have the following meaning:

#### Clause

The clause column indicates the clause number in TS 34.123-1 that contains the test body.

#### Title

The title column describes the name of the test.

## Release

The release column indicates the earliest release from which each testcase is applicable, except if otherwise stated of an individual test case.

## Applicability

The following notations are used for the applicability column:

|     |   |
|-----|---|
| R   | recommended – the test case is recommended  |
| O   | optional – the test case is optional  |
| N/A | not applicable – in the given context, the test case is not recommended.  |
| Ci  | conditional – the test is recommended (“R”) or not (“N/A”) depending on the support of other items. “i” is an integer identifying an unique conditional status expression which is defined immediately following the table. For nested conditional expressions, the syntax “IF ... THEN (IF ... THEN ... ELSE...) ELSE ”..” is used to avoid ambiguities. |

## Status column

The following notations, defined in ISO/IEC 9646-7, are used for the status column:

|     |  |
|-----|--|
| A   | applicable – the applicability is required to be supported.  |
| O   | optional – the capability may be supported or not.   |
| N/A | not applicable – in the given context, it is impossible to use the capability.   |
| X   | prohibited (excluded) – there is a requirement not to use this capability in the given context.  |
| O.i | qualified optional – for mutually exclusive or selectable options from a set. “i” is an integer which identifies an unique group of related optional items and the logic of their selection which is defined immediately following the table.  |
| Ci  | conditional – the requirement on the capability (“M”, “O”, “X”, “r”/“A”) depends on the support of other optional or conditional item. “i” is an integer identifying an unique conditional status expression which is defined immediately following the table. For nested conditional expressions, the syntax “IF ... THEN (IF ... THEN ... ELSE...) ELSE ”..” shall be used to avoid ambiguities. |

## Comments

This column contains a verbal description of the condition included in the applicability column.

## Number of TC Executions

This column indicates the recommended number of TC executions. In case this recommended number is less than the number of TC executions imposed by the individual TC applicability, this column also indicates the preferred domain for testing. The different entries shall be read as follows:

### 1 Execution:

px\_CN\_DomainTested is not applicable in any case.

|  |   |
|--|---|
| CS   | - TC is recommended to execute in CS domain   |
| CS+PS  | - TC is recommended to execute CS+PS with pc_CS and pc_PS set to TRUE   |
| CS+PS ( only if CS call establishment is supported ) | - TC is recommended to execute CS+PS with pc_CS and pc_CS_CallEst and pc_PS set to TRUE   |
| CS+PS preferred                                      | - If pc_CS and pc_PS set to TRUE TC is recommended for CS+PS else if pc_CS or pc_PS set to FALSE, TC is recommended in the relevant domain. |

- PS - TC is recommended to execute in PS domain
- PS preferred - TC is recommended to execute in PS domain unless UE supports only CS domain.

**2 Executions:**

- CS+PS, PS+CS - With pc\_CS and pc\_PS set to TRUE, TC is recommended to execute CS+PS with CS domain first (by specifying px\_CN\_DomainTested = cs\_domain), and PS+CS with PS domain first (by specifying px\_CN\_DomainTested= ps\_domain)

**1 or 2 Executions:**

- CS, PS - If pc\_CS and pc\_PS set to TRUE, TC is recommended for 2 executions in CS domain (by specifying px\_CN\_DomainTested = cs\_domain) and in PS domain (by specifying px\_CN\_DomainTested = ps\_domain), else if pc\_CS or pc\_PS set to FALSE, TC is recommended for 1 execution in the relevant domain.

CS ( only if CS call establishment is supported ), PS -

If pc\_CS and pc\_CS\_CallEst and pc\_PS set to TRUE, TC is recommended for 2 executions in CS domain (by specifying px\_CN\_DomainTested = cs\_domain) and in PS domain (by specifying px\_CN\_DomainTested = ps\_domain), else if (pc\_CS and pc\_CS\_CallEst) or pc\_PS set to FALSE, TC is recommended for 1 execution in the relevant domain.

- CS+ PS or (CS, PS) - If Operation Mode A is supported by the UE (pc\_SupportOpModeA=TRUE), then the TC is recommended to execute once CS+PS, else the TC follows the above (CS, PS) recommendations.

CS+PS (only if CS Speech or Transparent data is supported ) or (CS ( only if CS call establishment is supported ), PS)

- TC is recommended to execute CS+PS with pc\_CS and (pc\_Speech or pc\_CS\_T\_data) and pc\_PS set to TRUE else the TC follows the above (CS (only if CS call establishment is supported), PS) recommendations.

NOTE: The execution guideline for interRAT TCs of GERAN to UTRAN can be found in TS 51.010-5.

**Additional Information - Release RAT**

- In regard to a particular test case, this column provides information on the release which is used by the simulated network where applicable. For each applicable RAT the release shall be indicated in the format 'Rel-X RAT'. When multiple RATs are applicable the entries per RAT shall be separated by a comma. When a value for a 3GPP RAT is not provided but the RAT is in the scope of the test case then for this RAT the release indicated in the Release column applies (per default).

**EXAMPLES:**

Rel-9 UTRA FDD, Rel-8 GERAN  
(meaning that the UTRA FDD will simulate Rel-9 and the GERAN Rel-8 behaviours)

Rel-9 UTRA TDD  
(meaning that the UTRA LCR TDD network will simulate Rel-9 behaviours)

Table 1: Applicability of tests

| Clause   | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|----------|---|---------|---------------|--|---------------------------------------|-------------|
| <b>6</b> | <b>IDLE MODE</b>  |         |               |  |                                       |             |
| 6.1.1.1  | PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode                    | R99     | C01           | UEs supporting FDD   |                                       |             |
|          |   |         | C02           | UEs supporting TDD   |                                       |             |
| 6.1.1.2  | PLMN selection of "Other PLMN / access technology combinations"; Manual mode    | R99     | C01           | UEs supporting FDD   |                                       |             |
|          |   |         | C02           | UEs supporting TDD   |                                       |             |
| 6.1.1.3  | PLMN selection; independence of RF level and preferred PLMN; Manual mode        | R99     | C01           | UEs supporting FDD   |                                       |             |
|          |   |         | C02           | UEs supporting TDD   |                                       |             |
| 6.1.1.4  | PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Automatic mode                 | R99     | C01           | UEs supporting FDD   | 1 Execution: CS+PS preferred          |             |
|          |   |         | C02           | UEs supporting TDD   |                                       |             |
| 6.1.1.5  | PLMN selection of "Other PLMN / access technology combinations"; Automatic mode | R99     | C01           | UEs supporting FDD   | 1 Execution: CS+PS preferred          |             |
|          |   |         | C02           | UEs supporting TDD   |                                       |             |
| 6.1.1.7  | Cell reselection of ePLMN in manual mode  | R99     | C01           | UEs supporting FDD   | 1 Execution: CS+PS preferred          |             |
| 6.1.1.8  | PLMN selection in shared network environment, Automatic mode                    | Rel-6   | C01           | UEs supporting FDD   | 1 Execution: CS+PS preferred          |             |
| 6.1.1.9  | PLMN selection in shared network environment, Manual Mode                       | Rel-6   | C01           | UEs supporting FDD   | 1 Execution: CS+PS preferred          |             |
| 6.1.1.10 | Presentation of additional information during PLMN selection; Manual mode       | Rel-7   | C01           | UEs supporting FDD   | 1 Execution: CS+PS preferred          |             |
|          |   |         | C02           | UEs supporting TDD   |                                       |             |
| 6.1.1.11 | Void  |         |               |  |                                       |             |
| 6.1.1.12 | Displaying EHPLMNs in manual mode   | Rel-7   | C01           | UEs supporting FDD   | 1 Execution: CS+PS preferred          |             |
|          |   |         | C02           | UEs supporting TDD   |                                       |             |
| 6.1.1.13 | PLMN selection of RPLMN or (E)HPLMN; Automatic mode                             | Rel-7   | C589          | UEs supporting FDD and "Last RPLMN" feature                                    | 1 Execution: CS+PS preferred          |             |
|          |   |         | C590          | UEs supporting TDD and "Last RPLMN" feature                                    |                                       |             |
| 6.1.1.14 | NW selection mode at switch-on  | Rel-7   | C620          | UEs supporting FDD and NW selection mode at switch-on                          | 1 Execution: CS+PS preferred          |             |
|          |   |         | C621          | UEs supporting TDD and NW selection mode at switch-on                          |                                       |             |
| 6.1.1.15 | Exception to manual network selection mode at switch-on                         | Rel-7   | C597          | UEs supporting FDD and Exception to manual network selection mode at switch-on | 1 Execution: CS+PS preferred          |             |
|          |   |         | C598          | UEs supporting TDD and Exception to manual network selection mode at switch-on |                                       |             |
| 6.1.2.1  | Cell reselection  | R99     | C01           | UEs supporting FDD   | 1 Execution: CS+PS preferred          |             |
|          |   |         | C02           | UEs supporting TDD   |                                       |             |
| 6.1.2.1a | Cell reselection for inter-band operation                                       | R99     | C481          | UE supporting FDD and multiple FDD bands simultaneously                        | 1 Execution: CS+PS preferred          |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|---|---------------------------------------|-------------|
| 6.1.2.1b  | Cell reselection for inter-band operation(LCR TDD band a-f)                  | Rel-8   | C726          | UEs supporting 1.28Mcps TDD and multiple TDD frequency bands simultaneously           | 1 Execution: CS+PS preferred          |             |
| 6.1.2.2   | Cell reselection using Qhyst, Qoffset and Treselection                       | R99     | C01           | UEs supporting FDD  | 1 Execution: CS+PS preferred          |             |
|           |  |         | C02           | UEs supporting TDD  |                                       |             |
| 6.1.2.3   | HCS cell reselection   | R99     | C821          | UEs supporting FDD and Support of automatic PS attach procedure at switch on          | 1 Execution: PS                       |             |
|           |  |         | C02           | UEs supporting TDD  |                                       |             |
| 6.1.2.4   | HCS cell reselection using reselection timing parameters for the H criterion | R99     | C01           | UEs supporting FDD.   | 1 Execution: CS+PS preferred          |             |
|           |  |         | C02           | UEs supporting TDD  |                                       |             |
| 6.1.2.5   | HCS Cell reselection using reselection timing parameters for the R criterion | R99     | C01           | UEs supporting FDD  | 1 Execution: CS+PS preferred          |             |
|           |  |         | C02           | UEs supporting TDD  |                                       |             |
| 6.1.2.6   | Emergency calls  | R99     | C04           | UEs supporting FDD and emergency speech call  | 1 Execution: CS+PS preferred          |             |
|           |  |         | C208          | UEs supporting TDD and emergency speech call  |                                       |             |
| 6.1.2.7   | Void   |         |               |   |                                       |             |
| 6.1.2.8   | Cell reselection: Equivalent PLMN  | R99     | C01           | UEs supporting FDD  | 1 Execution: CS+PS preferred          |             |
|           |  |         | C02           | UEs supporting TDD  |                                       |             |
| 6.1.2.9   | Void   |         |               |   |                                       |             |
| 6.1.2.9a  | Cell reselection using cell status and cell reservations – Type "A" USIM     | R99     | C01           | UEs supporting FDD  | 1 Execution: CS+PS preferred          |             |
|           |  |         | C02           | UEs supporting TDD  |                                       |             |
| 6.1.2.9b  | Cell reselection using cell status and cell reservations – Type "B" USIM     | R99     | C01           | UEs supporting FDD  | 1 Execution: CS+PS preferred          |             |
|           |  |         | C02           | UEs supporting TDD  |                                       |             |
| 6.1.2.10  | HCS inter-frequency cell reselection   | Rel-5   | C01           | UEs supporting FDD  | 1 Execution: CS+PS preferred          |             |
| 6.1.2.10a | HCS inter-frequency cell reselection for inter-band operation                | Rel-5   | C481          | UE supporting FDD and multiple FDD bands simultaneously                               | 1 Execution: CS+PS preferred          |             |
| 6.1.2.11  | Cell reselection in shared network environment                               | Rel-6   | C01           | UEs supporting FDD  | 1 Execution: CS+PS preferred          |             |
| 6.1.2.12  | Cell reselection based on absolute priority                                  | Rel-8   | C01a          | UEs supporting UTRA FDD and Priority based Reselection                                | 1 Execution: CS+PS preferred          |             |
| 6.1.3.1   | MBSFN only service recognition   | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
|           |  |         | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode                          |                                       |             |
|           |  |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode         |                                       |             |
|           |  | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 6.1.3.2   | Suitable PLMN selection; MBSFN Frequency List present (unicast carrier)      | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
|           |  |         | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode                          |                                       |             |

| Clause  | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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|         |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode         |                                       |             |
|         |   | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 6.1.3.3 | Suitable PLMN search; MBSFN Frequency List not present (unicast carrier)      | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
|         |   |         | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode                          |                                       |             |
|         |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode         |                                       |             |
|         |   | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 6.1.3.4 | Cell reservations and access restrictions; Normal access class only           | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
|         |   |         | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode                          |                                       |             |
|         |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode         |                                       |             |
|         |   | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 6.1.3.5 | Cell reservations and access restrictions; Operator access class              | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
|         |   |         | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode                          |                                       |             |
|         |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode         |                                       |             |
|         |   | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 6.1.3.6 | Cell reservations and access restrictions; Home country services access class | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
|         |   |         | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode                          |                                       |             |
|         |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode         |                                       |             |
|         |   | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 6.1.3.7 | Inter frequency neighbour reselection / Service activation                    | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |

| Clause     | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|------------|--|---------|---------------|--|---------------------------------------|-------------|
|            |  |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|            |  | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB   |                                       |             |
| 6.1.3.8    | Inter frequency neighbour reselection / Activation of higher priority service      | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|            |  |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|            |  | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB   |                                       |             |
| 6.2.1.1    | Selection of the correct PLMN and associated RAT                                   | R99     | C05           | UEs supporting FDD and GSM   | 1 Execution: CS+PS preferred          |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |
| 6.2.1.2    | Selection of RAT for HPLMN; Manual mode  | R99     | C05           | UEs supporting FDD and GSM   |                                       |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |
| 6.2.1.2a   | Selection of RAT for HPLMN; Different ITU regions; Manual mode                     | R99     | C640          | UEs supporting FDD and GSM and at least one FDD frequency band in ITU region 2 and at least one GSM frequency band in ITU region 1 | 1 Execution: CS+PS preferred          |             |
| 6.2.1.3    | Selection of RAT for UPLMN; Manual mode  | R99     | C05           | UEs supporting FDD and GSM   |                                       |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |
| 6.2.1.4    | Selection of RAT for OPLMN; Manual mode  | R99     | C05           | UEs supporting FDD and GSM   |                                       |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |
| 6.2.1.5    | Selection of "Other PLMN / access technology combinations"; Manual mode            | R99     | C05           | UEs supporting FDD and GSM   |                                       |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |
| 6.2.1.6    | Selection of RAT for HPLMN; Automatic mode   | R99     | C05           | UEs supporting FDD and GSM   | 1 Execution: CS+PS preferred          |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |
| 6.2.1.7    | Selection of RAT for UPLMN; Automatic mode   | R99     | C05           | UEs supporting FDD and GSM   | 1 Execution: CS+PS preferred          |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |
| 6.2.1.8    | Selection of RAT for OPLMN; Automatic mode   | R99     | C05           | UEs supporting FDD and GSM   | 1 Execution: CS+PS preferred          |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |
| 6.2.1.8a.1 | Selection of RAT for OPLMN; Different ITU regions; Automatic mode                  | R99     | C641          | UEs supporting FDD and GSM and at least one frequency band of different ITU region in each RAT.                                    | 1 Execution: CS+PS preferred          |             |
| 6.2.1.8a.2 | Selection of RAT for OPLMN; Different ITU regions; Limited service; Automatic mode | R99     | C641          | UEs supporting FDD and GSM and at least one frequency band of different ITU region in each RAT.                                    | 1 Execution: CS+PS preferred          |             |
| 6.2.1.8a.3 | Selection of RAT for OPLMN; Different ITU regions; No service; Automatic mode      | R99     | C641          | UEs supporting FDD and GSM and at least one frequency band of different ITU region in each RAT.                                    | 1 Execution: CS+PS preferred          |             |
| 6.2.1.9    | Selection of "Other PLMN / access technology combinations"; Automatic mode         | R99     | C05           | UEs supporting FDD and GSM   | 1 Execution: CS+PS preferred          |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |
| 6.2.1.10   | Void   |         |               |  |                                       |             |
| 6.2.1.11   | Selection of PLMN and RAT in shared network environment, Manual mode               | Rel-6   | C05           | UEs supporting FDD and GSM   | 1 Execution: CS+PS preferred          |             |
| 6.2.2.1    | Cell reselection if cell becomes barred or S<0; UTRAN to GSM                       | R99     | C05           | UEs supporting FDD and GSM   | 1 Execution: CS+PS preferred          |             |
|            |  |         | C56           | UEs supporting TDD and GSM   |                                       |             |



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| 6.2.2.1a | Cell reselection if cell becomes barred or S<0; UTRAN(1.28Mcps TDD) to GSM  | Rel-9   | C56           | UEs supporting 1.28Mcps TDD and GSM   | 1 Execution: CS+PS preferred          |             |
| 6.2.2.2  | Cell reselection if cell becomes barred or C1<0; GSM to UTRAN   | R99     | C05           | UEs supporting FDD and GSM  | 1 Execution: CS+PS preferred          |             |
|          |   |         | C56           | UEs supporting TDD and GSM  |                                       |             |
| 6.2.2.2a | Cell reselection if cell becomes barred or C1<0; GSM to UTRAN (1.28 Mcps TDD)   | Rel-7   | C56           | UEs supporting 1.28Mcps TDD and GSM   | 1 Execution: CS+PS preferred          |             |
| 6.2.2.3  | Cell reselection timings; GSM to UTRAN  | R99     | C05           | UEs supporting FDD and GSM  | 1 Execution: CS+PS preferred          |             |
|          |   |         | C56           | UEs supporting TDD and GSM  |                                       |             |
| 6.2.2.3a | Cell reselection timings; GSM to UTRAN (1.28 Mcps TDD)  | Rel-7   | C56           | UEs supporting 1.28Mcps TDD and GSM   | 1 Execution: CS+PS preferred          |             |
| 6.2.2.4  | Cell reselection in multi-mode shared network environment   | Rel-6   | C05           | UEs supporting FDD and GSM  | 1 Execution: CS+PS preferred          |             |
| 6.2.2.5  | Cell reselection using SIB18; UTRAN to GSM  | Rel-6   | C05           | UEs supporting FDD and GSM  | 1 Execution: CS+PS preferred          |             |
| 6.2.2.5a | Cell reselection using SIB18; UTRAN(1.28Mcps TDD) to GSM  | Rel-9   | C56           | UEs supporting 1.28Mcps TDD and GSM   | 1 Execution: CS+PS preferred          |             |
| 6.2.2.6  | Cell reselection based on absolute priorities in SIB19; UTRAN to GSM.   | Rel-8   | C05a          | UEs supporting UTRA FDD, Priority based reselection and GSM   |                                       |             |
| 6.3.1.1  | Manual CSG ID Selection   | Rel-8   | C650          | UEs supporting FDD and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.3.1.2  | UE in automatic network selection mode to select a suitable CSG cell  | Rel-8   | C650          | UEs supporting FDD and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.3.1.3  | Manual CSG ID Selection across PLMNs  | Rel-9   | C650          | UEs supporting FDD and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.3.1.4  | Suitable Cell checking for reselection to the CSG cell  | Rel-9   | C650          | UEs supporting FDD and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.3.2.1  | Intra-frequency cell reselection from a non-CSG cell to an allowed CSG cell   | Rel-8   | C650          | UEs supporting FDD and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.3.2.2  | Inter-frequency cell reselection from a non-CSG cell to an allowed CSG cell   | Rel-8   | C650          | UEs supporting FDD and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.3.2.3  | Inter-RAT Cell Reselection / from GSM_Idle / GPRS Packet_Idle to a UTRA idle CSG cell                                       | Rel-8   | C783          | UEs supporting FDD and GSM and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.3.3.1  | Intra frequency CSG Cell Reselection  | Rel-8   | C650          | UEs supporting FDD and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.3.3.2  | Void  |         |               |   |                                       |             |
| 6.3.4.1  | Inter-frequency Cell Reselection with Hybrid Cells  | Rel-9   | C650          | UEs supporting FDD and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.3.4.2  | Cell Reselection with Hybrid Cells for non-member UEs   | Rel-9   | C650          | UEs supporting FDD and CSG  | 1 Execution: CS+PS preferred          |             |
| 6.4.1    | WLAN Offload / Cell Selection / UTRA RRC_Idle to/from WLAN (Qrxlevmeas, BeaconRSSI)   | Rel-12  | C919          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts |                                       |             |
|          |   |         | C920          | UEs supporting UTRAN TDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts |                                       |             |
| 6.4.2    | WLAN Offload / Cell Selection / UTRA RRC_Idle to/from WLAN (Qrxlevmeas, BackhaulRateDIWLAN, WLAN identifier no match/match) | Rel-12  | C919          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts |                                       |             |

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|          |  |                    | C920          | UEs supporting UTRAN TDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts |                                       |             |
| 6.4.3    | WLAN Offload / Cell Selection / UTRA RRC_Idle to/from WLAN (Qrxlevmeas, BackhaulRateUIWLAN)    | Rel-12             | C919          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts |                                       |             |
|          |  |                    | C920          | UEs supporting UTRAN TDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts |                                       |             |
| 6.4.4    | WLAN Offload / Cell Selection / UTRA RRC_Idle to/from WLAN (Qqualmeas, ChannelUtilizationWLAN) | Rel-12             | C919          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts |                                       |             |
|          |  |                    | C920          | UEs supporting UTRAN TDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts |                                       |             |
| 6.4.5    | Void   |                    |               |   |                                       |             |
| <b>7</b> | <b>LAYER 2</b>   |                    |               |   |                                       |             |
| 7.1.1.1  | CCCH mapped to RACH/FACH / Invalid TCTF  | R99                | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.1.1.2  | DTCH or DCCH mapped to RACH/FACH / Invalid TCTF  | R99                | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.1.1.3  | DTCH or DCCH mapped to RACH/FACH / Invalid C/T Field   | R99                | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.1.1.4  | DTCH or DCCH mapped to RACH/FACH / Invalid UE ID Type Field                                    | R99                | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.1.1.5  | DTCH or DCCH mapped to RACH/FACH / Incorrect UE ID   | R99                | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.1.1.6  | DTCH or DCCH mapped to DSCH or USCH  | R99 and Rel-4 only | C397          | UEs supporting PDSCH (FDD)  |                                       |             |
|          |  | R99                | C67           | UEs supporting PDSCH and/or PUSCH (TDD)   |                                       |             |
| 7.1.1.7  | DTCH or DCCH mapped to CPCH  | R99 and Rel-4 only | C66           | UEs supporting PCPCH  |                                       |             |
| 7.1.1.8  | DTCH or DCCH mapped to DCH / Invalid C/T Field   | R99                | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.1.1.9  | MTCH mapped to FACH / Invalid TCTF (3.84/7.68 Mcps TDD MBSFN)                                  | Rel-7              | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode                       |                                       |             |
|          |  |                    | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode                               |                                       |             |
| 7.1.1.9a | MTCH mapped to FACH / Invalid TCTF (3.84 Mcps TDD IMB)   | Rel-8              | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |

| Clause    | Title   | Release            | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 7.1.1.10  | MTCH mapped to FACH / Invalid MBMS-Id (3.84/7.68 Mcps TDD MBSFN)  | Rel-7              | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode   |                                       |             |
|           |   |                    | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode   |                                       |             |
| 7.1.1.10a | MTCH mapped to FACH / Invalid MBMS-Id (3.84 Mcps TDD IMB)         | Rel-8              | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 7.1.2.1.1 | Void  |                    |               |   |                                       |             |
| 7.1.2.1.2 | Selection and control of Power Level (3.84 Mcps TDD option)       | R99                | [FFS]         | [FFS]   |                                       |             |
| 7.1.2.1.3 | Void  |                    |               |   |                                       |             |
| 7.1.2.2.1 | Void  |                    |               |   |                                       |             |
| 7.1.2.2.2 | Correct application of Dynamic Persistence (3.84 TDD Mcps option) | R99                | [FFS]         | [FFS]   |                                       |             |
| 7.1.2.2.3 | Void  |                    |               |   |                                       |             |
| 7.1.2.3.1 | Correct Selection of RACH parameters (FDD)                        | R99                | C01           | UEs supporting FDD  | 1 Execution: PS preferred             |             |
| 7.1.2.3.2 | Correct Selection of RACH parameters (3.84 Mcps TDD option)       | R99                | [FFS]         | [FFS]   |                                       |             |
| 7.1.2.3.3 | Correct Selection of RACH parameters (1.28 Mcps TDD option)       | Rel-4              | C03           | UEs supporting 1.28 Mcps TDD (LCR TDD)  |                                       |             |
| 7.1.2.4   | Correct Detection and Response to FPACH (1.28 Mcps TDD option)    | Rel-4              | C03           | UEs supporting 1.28 Mcps TDD option (LCR TDD)   |                                       |             |
| 7.1.2.4a  | Access Service class selection for RACH transmission              | R99                | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS preferred             |             |
| 7.1.2.5   | Void  |                    |               |   |                                       |             |
| 7.1.3.1   | Priority handling between data flows of one UE                    | R99                | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.1.3.2   | TFC Selection   | R99                | C386          | UE supporting FDD and radio bearer configuration "Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:16 DL:64 kbps / PS RAB + UL:13.6 DL:13.6 kbps SRBs for DCCH" | 1 Execution: PS preferred             |             |
| 7.1.4.1   | Control of CPCH transmissions for FDD                             | R99 and Rel-4 only | C66           | UEs supporting PCPCH  |                                       |             |

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| 7.1.5.1  | MAC-hs reordering and stall avoidance                               | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH                           | 1 Execution: PS                       |             |
|          |   |         | C443          | UEs supporting 1.28 Mcps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C465          | UEs supporting 3.84 Mcps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C531          | UEs supporting 7.68 Mcps TDD and HS-PDSCH                 |                                       |             |
| 7.1.5.2  | MAC-hs priority queue handling                                      | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH                           | 1 Execution: PS                       |             |
|          |   |         | C443          | UEs supporting 1.28 MCps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C465          | UEs supporting 3.84 Mcps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C531          | UEs supporting 7.68 Mcps TDD and HS-PDSCH                 |                                       |             |
| 7.1.5.3  | MAC-hs PDU header handling  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH                           | 1 Execution: PS                       |             |
|          |   |         | C443          | UEs supporting 1.28 MCps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C465          | UEs supporting 3.84 Mcps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C531          | UEs supporting 7.68 Mcps TDD and HS-PDSCH                 |                                       |             |
| 7.1.5.4  | MAC-hs retransmissions  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH                           | 1 Execution: PS                       |             |
|          |   |         | C443          | UEs supporting 1.28 MCps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C465          | UEs supporting 3.84 Mcps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C531          | UEs supporting 7.68 Mcps TDD and HS-PDSCH                 |                                       |             |
| 7.1.5.5  | MAC-hs reset  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH                           | 1 Execution: PS                       |             |
|          |   |         | C443          | UEs supporting 1.28 MCps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C465          | UEs supporting 3.84 Mcps TDD and HS-PDSCH                 |                                       |             |
|          |   |         | C531          | UEs supporting 7.68 Mcps TDD and HS-PDSCH                 |                                       |             |
| 7.1.5.6  | MAC-hs transport block size selection                               | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH                           | 1 Execution: PS                       |             |
| 7.1.5.6a | MAC-hs transport block size selection (1.28 Mcps TDD)               | Rel-5   | C443          | UEs supporting 1.28Mcps TDD and HS-PDSCH                  | 1 Execution: PS                       |             |
| 7.1.5.7  | MAC-hs transport block size selection (3.84Mcps TDD)                | Rel-5   | C465          | UEs supporting 3.84 Mcps TDD and HS-PDSCH                 |                                       |             |
| 7.1.5.8  | MAC-hs transport block size selection (7.68Mcps TDD)                | Rel-7   | C531          | UEs supporting 7.68 Mcps TDD and HS-PDSCH                 |                                       |             |
| 7.1.5.9  | MAC-hs data transmission with enhanced TS0                          | Rel-9   | C819          | UEs supporting 1.28Mcps TDD and HS-PDSCH and enhanced TS0 |                                       |             |
| 7.1.5a.1 | MAC-ehs multiplexing / multiple logical channels on same queue      | Rel-7   | C578          | UEs supporting FDD and MAC-ehs                            | 1 Execution: PS                       |             |
|          |   | Rel-9   | C727          | UEs supporting 1.28Mcps TDD and MAC-ehs                   |                                       |             |
| 7.1.5a.2 | MAC-ehs multiplexing / multiple logical channels on multiple queues | Rel-7   | C578          | UEs supporting FDD and MAC-ehs                            | 1 Execution: PS                       |             |
|          |   | Rel-9   | C727          | UEs supporting 1.28Mcps TDD and MAC-ehs                   |                                       |             |

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| 7.1.5a.3   | MAC-ehs segmentation / UE handling of partial and full PDUs  | Rel-7   | C578          | UEs supporting FDD and MAC-ehs  | 1 Execution: PS                       |             |
|            |  | Rel-9   | C727          | UEs supporting 1.28Mcps TDD and MAC-ehs   |                                       |             |
| 7.1.5a.4   | MAC-ehs reordering and stall avoidance   | Rel-7   | C578          | UEs supporting FDD and MAC-ehs  | 1 Execution: PS                       |             |
|            |  | Rel-9   | C727          | UEs supporting 1.28Mcps TDD and MAC-ehs   |                                       |             |
| 7.1.5a.5.2 | MAC-ehs transport block size selection /QPSK and 16QAM   | Rel-7   | C578          | UEs supporting FDD and MAC-ehs  | 1 Execution: PS                       |             |
| 7.1.5a.5.3 | MAC-ehs transport block size selection / 64QAM   | Rel-7   | C588          | UEs supporting FDD and MAC-ehs and (FDD HS-DSCH category 13 or FDD HS-DSCH category 14 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18) or FDD HS-DSCH category 19 or FDD HS-DSCH category 20 | 1 Execution: PS                       |             |
| 7.1.5a.5.4 | MAC-ehs transport block size selection (1.28Mcps TDD)  | Rel-9   | C727          | UEs supporting 1.28Mcps TDD and MAC-ehs   | 1 Execution: PS                       |             |
| 7.1.5a.6   | UE Identification on HS-PDSCH in CELL_FACH   | Rel-7   | C591          | UEs supporting FDD and HS-PDSCH in CELL_FACH  | 1 Execution: PS                       |             |
|            |  | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH   |                                       |             |
| 7.1.5a.7   | HARQ retransmissions without ACK/NACK signalling in CELL_FACH  | Rel-7   | C591          | UEs supporting FDD and HS-PDSCH in CELL_FACH  | 1 Execution: PS                       |             |
| 7.1.5a.8   | HARQ retransmissions without ACK/NACK signalling in CELL_FACH when Dedicated H-RNTI is not allocated | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH   |                                       |             |
| 7.1.5a.9   | HARQ retransmissions with ACK/NACK signalling in CELL_FACH when Dedicated H-RNTI is allocated        | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH   |                                       |             |
| 7.1.5a.10  | MAC-ehs data transmission with enhanced TS0  | Rel-9   | C820          | UEs supporting 1.28Mcps TDD and HS-PDSCH and MAC-ehs and enhanced TS0   |                                       |             |
| 7.1.5b.1   | HARQ procedure for HS-SCCH less operation  | Rel-7   | C580          | UEs supporting FDD and HS-SCCH less operation   | 1 Execution: PS                       |             |
| 7.1.5c.1   | HARQ procedure for HS-DSCH SPS operation   | Rel-9   | C729          | UEs supporting TDD and SPS operation  | 1 Execution: PS                       |             |
| 7.1.6.1.1  | MAC-es/e multiplexing without RRC restrictions   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|            |  | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 7.1.6.1.2  | MAC-es/e multiplexing with RRC restrictions  | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|            |  | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 7.1.6.1.3  | Correct settings of MAC-es/e header fields   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|            |  | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |

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| 7.1.6.2.1   | Correct settings of MAC-es/e scheduling information   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|             |   | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 7.1.6.2.2   | Happy bit setting   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
| 7.1.6.2.3   | MAC-es/e non-scheduled transmissions  | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|             |   | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 7.1.6.2.4   | MAC-es/e correct handling of scheduled transmissions when absolute grant varies   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|             |   | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 7.1.6.2.5   | MAC-es/e de-activation and re-activation of HARQ processes  | Rel-6   | C442          | UEs supporting FDD and HS-PDSCH and E-DPDCH and E-DCH 2ms TTI (E-DCH category 2, 4 or 6)    | 1 Execution: PS                       |             |
|             |   | Rel-7   | C442a         | UEs supporting FDD and HS-PDSCH and E-DPDCH and E-DCH 2ms TTI (E-DCH category 2, 4, 6 or 7) |                                       |             |
| 7.1.6.2.6   | MAC-es/e correct handling of relative grants  | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
| 7.1.6.2.7   | MAC-es/e correct handling of absolute grants on Primary and Secondary E-RNTI  | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
| 7.1.6.2.8   | MAC-es/e combined non-scheduled and scheduled transmissions   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|             |   | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 7.1.6.2.9   | MAC-es/e Correct handling of HARQ profile power offsets   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
| 7.1.6.2.9a  | MAC-es/e Correct handling of HARQ profile (1.28Mcps TDD)  | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   | 1 Execution: PS                       |             |
| 7.1.6.2.10  | MAC-es/e Correct handling of minimum set of E-TFCI  | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
| 7.1.6.2.10a | Smallest E-TFC (1.28Mcps TDD)   | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   | 1 Execution: PS                       |             |
| 7.1.6.2.11  | MAC-es/e correct handling of absolute and relative grants in discontinuous downlink reception operation                     | Rel-7   | C581          | UEs supporting FDD and UL DTX and DL DRX  | 1 Execution: PS                       |             |
| 7.1.6.2.12  | MAC-es/e correct handling scheduling information transmission (for different UpPCH shifting setting, for 1.28Mcps TDD only) | Rel-7   | C842          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and multiple frequency operation.       | 1 Execution: PS                       |             |
| 7.1.6.3.1   | MAC-es/e E-TFC priority   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|             |   | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 7.1.6.3.2   | MAC-es/e transport block size selection   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |

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| 7.1.6.3.2a | MAC-es/e transport block size selection/ UL 16QAM   | Rel-7   | C585          | UEs supporting FDD and HS-PDSCH and E-DPDCH and UL 16QAM                                 | 1 Execution: PS                       |             |
| 7.1.6.3.3  | Impact on E-TFCI selection on MAC at UE for UL DRX at Node B/ MAC Inactivity Threshold>1  | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 7.1.6.3.4  | Impact on E-TFCI selection on MAC at UE for UL DRX at Node B/ MAC Inactivity Threshold =1 | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 7.1.6.3.5  | MAC-es/e transport block size selection(1.28Mcps TDD)                                     | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH                                      | 1 Execution: PS                       |             |
| 7.1.6.4.1  | MAC-es/e process handling   | Rel-6   | C442          | UEs supporting FDD and HS-PDSCH and E-DPDCH and E-DCH 2ms TTI (E-DCH category 2, 4 or 6) | 1 Execution: PS                       |             |
|            |   | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH                                      |                                       |             |
| 7.1.6.4.2  | MAC-es/e maximum number of retransmissions  | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH  | 1 Execution: PS                       |             |
|            |   | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH                                      |                                       |             |
| 7.1.6.4.3  | MAC-es/e Correct handling of MAC-es/e reset   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH  | 1 Execution: PS                       |             |
| 7.1.6a.1.1 | MAC-es/e multiplexing without RRC restrictions  | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH         | 1 Execution: PS                       |             |
| 7.1.6a.1.2 | MAC-es/e multiplexing with RRC restrictions   | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH         | 1 Execution: PS                       |             |
| 7.1.6a.1.3 | Correct settings of MAC-es/e header fields  | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH         | 1 Execution: PS                       |             |
| 7.1.6a.2.1 | Correct settings of MAC-es/e scheduling information                                       | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH         | 1 Execution: PS                       |             |
| 7.1.6a.2.2 | Correct settings of MAC-es/e scheduling information when scheduling delay timer expires   | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH         | 1 Execution: PS                       |             |
| 7.1.6a.2.3 | MAC-es/e correct handling of scheduled transmissions                                      | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH         | 1 Execution: PS                       |             |
| 7.1.6a.2.4 | MAC-es/e combined non-scheduled and scheduled transmissions                               | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH         | 1 Execution: PS                       |             |
| 7.1.6a.2.5 | MAC-es/e Correct handling of HARQ profile power offsets                                   | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH         | 1 Execution: PS                       |             |
| 7.1.6a.3.1 | MAC-es/e E-TFC priority   | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH         | 1 Execution: PS                       |             |

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| 7.1.6a.3.2 | MAC-es/e transport block size selection/ UL QPSK  | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH | 1 Execution: PS                       |             |
| 7.1.6a.4.1 | MAC-es/e process handling   | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH | 1 Execution: PS                       |             |
| 7.1.6a.4.2 | MAC-es/e maximum number of retransmissions  | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH | 1 Execution: PS                       |             |
| 7.1.7.1    | MAC-i/is multiplexing (multiple PDUs from different LC in one TTI)  | Rel-8   | C638          | UEs supporting FDD and MAC-i/is  | 1 Execution: PS                       |             |
|            |   | Rel-9   | C728          | UEs supporting 1.28Mcps TDD and MAC-i/is   |                                       |             |
| 7.1.7.2    | MAC-i/is segmentation / Correct Usage of Segmentation Status Field  | Rel-8   | C638          | UEs supporting FDD and MAC-i/is  | 1 Execution: PS                       |             |
|            |   | Rel-9   | C728          | UEs supporting 1.28Mcps TDD and MAC-i/is   |                                       |             |
| 7.1.7.3    | Correct settings of MAC-i/is header fields  | Rel-8   | C638          | UEs supporting FDD and MAC-i/is  | 1 Execution: PS                       |             |
|            |   | Rel-9   | C728          | UEs supporting 1.28Mcps TDD and MAC-i/is   |                                       |             |
| 7.1.7.4    | MAC-is/i transport block size selection/ UL QPSK  | Rel-8   | C638          | UEs supporting FDD and MAC-i/is  | 1 Execution: PS                       |             |
| 7.1.7.5    | MAC-is/i transport block size selection/ UL 16QAM   | Rel-8   | C638a         | UEs supporting FDD, MAC-i/is and 16QAM   | 1 Execution: PS                       |             |
| 7.1.7.6    | MAC-is/i transport block size selection (1.28Mcps TDD)  | Rel-9   | C728          | UEs supporting 1.28Mcps TDD and MAC-i/is   | 1 Execution: PS                       |             |
| 7.1.8.1    | Release of common E-DCH resource when maximum resource allocation for E-DCH expires or uplink transmission ends for CCCH transmission | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 7.1.8.2    | Activation of HS-DPCCH based on the received SIB5/SIB5bis information   | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 7.1.8.3    | DTCH/DCCH transmission - implicit common E-DCH resource release without receiving E-AGCH  | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 7.1.8.4    | DTCH/DCCH transmission – explicit common E-DCH resource release by E-AGCH   | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 7.1.8.5    | RACH procedure with both normal AIs and extended AIs (using E-AICH).  | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 7.1.8.6    | DTCH/DCCH transmission - Implicit release with E-DCH transmission continuation back off Timer Based                                   | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 7.1.8.6a   | DTCH/DCCH transmission - Implicit release with E-DCH transmission continuation backoff value set to "0"                               | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 7.1.8.7    | Physical Channel Failure for EUL in CELL-FACH during initial access preamble  | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 7.1.8.8    | Radio Link Failure for Enhanced UL in CELL-FACH with DTCH/DCCH active   | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 7.1.8.9    | CCCH transmission E-DCH access, the UL transmission within the Scheduling Windows   | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH                            | 1 Execution: PS                       |             |



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| 7.1.8.10 | DTCH/DCCH transmission with E-RUCCH access for dedicated control signalling or dedicated user data when dedicated E-RNTI is allocated | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH   | 1 Execution: PS                       |             |
| 7.1.9.1  | MAC-i/is multiplexing for Dual-Cell HSUPA   | Rel-9   | C822          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and Dual Cell Operation and (FDD E-DCH category 8 or 9)  | 1 Execution: PS                       |             |
| 7.1.9.2  | Happy bit setting and SI handling for Dual-Cell HSUPA   | Rel-9   | C822          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and Dual Cell Operation and (FDD E-DCH category 8 or 9)  | 1 Execution: PS                       |             |
| 7.1.9.3  | Void  |         |               |   |                                       |             |
| 7.1.9.4  | Void  |         |               |   |                                       |             |
| 7.1.9.5  | Deactivation and activation of secondary uplink frequency using HS-SCCH orders  | Rel-9   | C822          | UEs supporting FDD and Support of dual cell HSUPA operation and (F-DPCH or Enhanced F-DPCH) and Dual Cell Operation and (FDD E-DCH category 8 or 9) | 1 Execution: PS                       |             |
| 7.1.10.1 | Fallback to R99 PRACH in CELL_FACH/ Network indicates fallback to R99 PRACH on CCCH   | Rel-11  | C647a         | UE supporting FDD and Fallback to R99 PRACH in CELL_FACH  | 1 Execution: PS                       |             |
| 7.1.10.2 | Fallback to R99 PRACH in CELL_FACH/ Network indicates fallback to R99 PRACH on DCCH   | Rel-11  | C647a         | UE supporting FDD and Fallback to R99 PRACH in CELL_FACH  | 1 Execution: PS                       |             |
| 7.1.11.1 | Maximum number of re-ordering SDUs with inter-Node B operation on two cells on one frequency  | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA operation on two cells on one frequency (SF-DC)  | 1 Execution: PS                       |             |
| 7.1.11.2 | Maximum number of re-ordering SDUs with inter-Node B operation on three cells on two frequencies                                      | Rel-11  | C915          | UEs supporting FDD and Multiflow HSDPA operation on three cells on two frequencies (DF-3C)  | 1 Execution: PS                       |             |
| 7.2.1.1  | Void  |         |               |   |                                       |             |
| 7.2.2.2  | UM RLC / Segmentation and reassembly / Selection of 7 or 15 bit "Length Indicators"   | R99     | R             | All UEs   |                                       |             |
| 7.2.2.3  | UM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / Padding  | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.2.2.4  | UM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / LI = 0   | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.2.2.5  | UM RLC / Reassembly / 7-bit "Length Indicators" / Invalid LI value  | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.2.2.6  | UM RLC / Reassembly / 7-bit "Length Indicators" / LI value > PDU size   | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.2.2.7  | UM RLC / Reassembly / 7-bit "Length Indicators" / First data octet LI   | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.2.2.8  | UM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / Padding   | R99     | R             | All UEs   |                                       |             |
| 7.2.2.9  | UM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / LI = 0  | R99     | R             | All UEs   |                                       |             |
| 7.2.2.10 | UM RLC / Segmentation / 15-bit "Length Indicators" / One octet short LI   | R99     | R             | All UEs   |                                       |             |

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| 7.2.2.11 | UM RLC / Reassembly/ 15-bit "Length Indicators" / Invalid LI value                                | R99     | R             | All UEs   |                                       |             |
| 7.2.2.12 | UM RLC / Reassembly/ 15-bit "Length Indicators" / LI value > PDU size                             | R99     | R             | All UEs   |                                       |             |
| 7.2.2.13 | UM RLC / Reassembly / 15-bit "Length Indicators" / First data octet LI                            | R99     | R             | All UEs   |                                       |             |
| 7.2.2.14 | UM RLC / Flexible handling of RLC PDU sizes for UM RLC in downlink                                | Rel-7   | C578          | UEs supporting FDD and MAC-ehs  | 1 Execution: PS                       |             |
|          |   | Rel-9   | C727          | UEs supporting 1.28Mcps TDD and MAC-ehs   |                                       |             |
| 7.2.2.15 | UM RLC / Flexible handling of RLC PDU sizes for UM RLC in uplink                                  | Rel-8   | C638          | UEs supporting FDD and MAC-i/is   | 1 Execution: PS                       |             |
|          |   | Rel-9   | C728          | UEs supporting 1.28Mcps TDD and MAC-i/is  |                                       |             |
| 7.2.2a.2 | Reassembly / 7-bit "Length Indicators" / Invalid LI value (3.84/7.68 Mcps TDD MBSFN)              | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
| 7.2.2a.3 | Reassembly / 7-bit "Length Indicators" / LI value > PDU size (3.84/7.68 Mcps TDD MBSFN)           | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
| 7.2.2a.4 | Reassembly / 7-bit "Length Indicators" / First data octet LI (3.84/7.68 Mcps TDD MBSFN)           | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
| 7.2.2a.5 | Reassembly / 15-bit "Length Indicators" / Invalid LI value (3.84/7.68 Mcps TDD MBSFN)             | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
| 7.2.2a.6 | Reassembly / 15-bit "Length Indicators" / LI value > PDU size (3.84/7.68 Mcps TDD MBSFN)          | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
| 7.2.2a.7 | Reassembly / 15-bit "Length Indicators" / First data octet LI (3.84/7.68 Mcps TDD MBSFN)          | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
| 7.2.2b.2 | Reassembly / 7-bit "Length Indicators" / Invalid LI value (MBSFN IMB)                             | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 7.2.2b.3 | Reassembly / 7-bit "Length Indicators" / LI value > PDU size (MBSFN IMB)                          | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 7.2.2b.4 | Reassembly / 7-bit "Length Indicators" / First data octet LI (MBSFN IMB)                          | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 7.2.2b.5 | Reassembly / 15-bit "Length Indicators" / Invalid LI value (MBSFN IMB)                            | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 7.2.2b.6 | Reassembly / 15-bit "Length Indicators" / LI value > PDU size (MBSFN IMB)                         | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 7.2.2b.7 | Reassembly / 15-bit "Length Indicators" / First data octet LI (MBSFN IMB)                         | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |
| 7.2.3.2  | AM RLC / Segmentation and reassembly / Selection of 7 or 15 bit "Length Indicators"               | R99     | R             | All UEs   |                                       |             |
| 7.2.3.3  | AM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / Padding or Piggy-backed Status | R99     | R             | All UEs   |                                       |             |
| 7.2.3.4  | AM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / LI = 0                         | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |

| Clause   | Title  | Release | Applicability | Comments | Number of TC Executions (informative) | Release RAT |
|----------|--|---------|---------------|----------|---------------------------------------|-------------|
| 7.2.3.5  | AM RLC / Reassembly / 7-bit "Length Indicators" / Reserved LI value                                | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.6  | AM RLC / Reassembly/ 7-bit "Length Indicators" / LI value > PDU size                               | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.7  | AM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / Padding or Piggy-backed Status | R99     | R             | All UEs  |                                       |             |
| 7.2.3.8  | AM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / LI = 0                         | R99     | R             | All UEs  |                                       |             |
| 7.2.3.9  | AM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / One octet short LI             | R99     | R             | All UEs  |                                       |             |
| 7.2.3.10 | AM RLC / Reassembly/ 15-bit "Length Indicators" / Reserved LI value                                | R99     | R             | All UEs  |                                       |             |
| 7.2.3.11 | AM RLC / Reassembly/ 15-bit "Length Indicators" / LI value > PDU size                              | R99     | R             | All UEs  |                                       |             |
| 7.2.3.12 | AM RLC / Correct use of Sequence Numbering   | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.13 | AM RLC / Control of Transmit Window  | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.14 | AM RLC / Control of Receive Window   | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.15 | AM RLC / Polling for status / Last PDU in transmission queue                                       | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.16 | AM RLC / Polling for status / Last PDU in retransmission queue                                     | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.17 | AM RLC / Polling for status / Poll every Poll_PDU PDUs   | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.18 | AM RLC / Polling for status / Poll every Poll_SDUs SDUs  | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.19 | AM RLC / Polling for status / Timer triggered polling (Timer_Poll_Periodic)                        | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.20 | AM RLC / Polling for status / Polling on Poll_Window% of transmission window                       | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.21 | AM RLC / Polling for status / Operation of Timer_Poll timer / Timer expiry                         | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.22 | AM RLC / Polling for status / Operation of Timer_Poll timer / Stopping Timer_Poll timer            | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.23 | AM RLC / Polling for status / Operation of Timer_Poll timer / Restart of the Timer_Poll timer      | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.24 | AM RLC / Polling for status / Operation of timer Timer_Poll_Prohibit                               | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.25 | AM RLC / Receiver Status Triggers / Detection of missing PDUs                                      | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.26 | AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Periodic                       | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.27 | AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Prohibit                       | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |
| 7.2.3.28 | AM RLC / Status reporting / Abnormal conditions / Reception of LIST SUFI with Length set to zero   | R99     | R             | All UEs  | 1 Execution: PS preferred             |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|---|---------------------------------------|-------------|
| 7.2.3.29  | AM RLC / Timer based discard, with explicit signalling / Expiry of Timer_Discard                                      | R99     | R             | All UEs   |                                       |             |
| 7.2.3.29a | AM RLC / Timer based discard, with explicit signalling / Expiry of Timer_Discard when Timer_STATUS_prohibit is active | R99     | R             | All UEs   |                                       |             |
| 7.2.3.30  | AM RLC / Timer based discard, with explicit signalling / Obsolete MRW_ACK   | R99     | R             | All UEs   |                                       |             |
| 7.2.3.31  | AM RLC / Timer based discard, with explicit signalling / Failure of MRW procedure                                     | R99     | R             | All UEs   |                                       |             |
| 7.2.3.32  | AM RLC / SDU discard after MaxDAT number of retransmissions   | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.2.3.33  | AM RLC / Operation of the RLC Reset procedure / UE Originated   | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.2.3.34  | AM RLC / Operation of the RLC Reset procedure / UE Terminated   | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.2.3.35  | AM RLC / Reconfiguration of RLC parameters by upper layers  | R99     | R             | All UEs   | 1 Execution: PS preferred             |             |
| 7.2.3.36  | AM RLC / Flexible handling of RLC PDU sizes for AM RLC  | Rel-7   | C578          | UEs supporting FDD and MAC-ehs  | 1 Execution: PS                       |             |
|           |   | Rel-9   | C727          | UEs supporting 1.28Mcps TDD and MAC-ehs   |                                       |             |
| 7.2.3.37  | RLC PDU Size Adaptation in Uplink   | Rel-8   | C638          | UEs supporting FDD and MAC-i/is   | 1 Execution: PS                       |             |
|           |   | Rel-9   | C728          | UEs supporting 1.28Mcps TDD and MAC-i/is  |                                       |             |
| 7.2.3.38  | AM RLC / Flexible handling of RLC PDU sizes for AM RLC in uplink  | Rel-8   | C638          | UEs supporting FDD and MAC-i/is   | 1 Execution: PS                       |             |
|           |   | Rel-9   | C728          | UEs supporting 1.28Mcps TDD and MAC-i/is  |                                       |             |
| 7.2.4.2   | MTCH duplicate avoidance and reordering / MBMS Broadcast Service  | Rel-6   | C480          | UEs supporting PS domain services and MBMS broadcast services.                        | 1 Execution: PS                       |             |
| 7.2.4.2a  | MTCH duplicate avoidance and reordering / MBSFN (FDD)   | Rel-7   | C642          | UEs supporting MBSFN FDD  | 1 Execution: PS                       |             |
| 7.2.4.2m  | MTCH duplicate avoidance and reordering / MBMS Multicast Service  | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.                        | 1 Execution: PS                       |             |
| 7.2.4.3   | MCCH Out Of Sequence Delivery handling / MBMS Broadcast Service   | Rel-6   | C480          | UEs supporting PS domain services and MBMS broadcast services.                        | 1 Execution: PS                       |             |
| 7.2.4.3a  | MCCH Out Of Sequence Delivery handling / MBSFN (FDD)  | Rel-7   | C642          | UEs supporting MBSFN FDD  | 1 Execution: PS                       |             |
| 7.2.4.3m  | MCCH Out Of Sequence Delivery handling / MBMS Multicast Service   | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.                        | 1 Execution: PS                       |             |
| 7.2.4.3s  | MCCH Out Of Sequence Delivery handling / MBMS Broadcast Service (3.84/7.68 Mcps TDD MBSFN)                            | Rel-7   | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode |                                       |             |
| 7.2.4.3t  | MCCH Out Of Sequence Delivery handling / MBMS Broadcast Service (IMB)   | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB  |                                       |             |

| Clause    | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|--|---------------------------------------|-------------|
| 7.2.5.1   | RLC Timer_Reordering with Inter-Node B Multiflow operation   | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA operation   | 1 Execution: PS                       |             |
| 7.2.5.2   | Expiry of RLC Timer_Reordering with Inter-Node B Multiflow operation   | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA operation   | 1 Execution: PS                       |             |
| 7.2.5.4   | Erroneous Sequence Number Processing with Inter Node B Multiflow operation   | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA and Single Band – Single Frequency and Dual Cell combination (SB-SF-DC)   | 1 Execution: PS                       |             |
| 7.2.5.5   | Void   |         |               |  |                                       |             |
| 7.3.2.1.1 | IP Header Compression and PID assignment / UE in RLC AM / Transmission of uncompressed Header                      | R99     | C12           | UE supporting PS   |                                       |             |
| 7.3.2.1.2 | IP Header Compression and PID assignment / UE in RLC AM / Transmission of compressed Header                        | R99     | C213          | UE supporting PS and IP Header Compression protocol IETF RFC 2507  |                                       |             |
| 7.3.2.2.1 | IP Header Compression and PID assignment / UE in RLC UM / Transmission of uncompressed Header                      | R99     | C12           | UE supporting PS   |                                       |             |
| 7.3.2.2.2 | IP Header Compression and PID assignment / UE in RLC UM / Transmission of compressed Header                        | R99     | C213          | UE supporting PS and IP Header Compression protocol IETF RFC 2507  |                                       |             |
| 7.3.2.2.3 | IP Header Compression and PID assignment / UE in RLC UM / Extension of used compression methods                    | R99     | C213          | UE supporting PS and IP Header Compression protocol IETF RFC 2507  |                                       |             |
| 7.3.2.2.4 | IP Header Compression and PID assignment / UE in RLC UM / Compression type used for different entities             | R99     | C214          | UE supporting PS, IP Header Compression protocol IETF RFC 2507 and establishment of more than one PDCP entities supporting two radio bearer RLC AM and RLC UM as defined in this test case |                                       |             |
| 7.3.2.2.5 | IP Header Compression and PID assignment / UE in RLC UM / Reception of not defined PID values                      | R99     | C213          | UE supporting PS and IP Header Compression protocol IETF RFC 2507  |                                       |             |
| 7.3.3.1   | PDCP sequence numbering when lossless SRNS Relocation / Data transmission if lossless SRNS Relocation is supported | R99     | C215          | UE supporting PS, IP Header Compression protocol IETF RFC 2507 and lossless SRNS relocation  |                                       |             |
| 7.3.3.2   | PDCP sequence numbering when lossless SRNS Relocation / Synchronisation of PDCP sequence numbers                   | R99     | C215          | UE supporting PS, IP Header Compression protocol IETF RFC 2507 and lossless SRNS relocation  |                                       |             |
| 7.3.3.5   | UTRAN MOBILITY INFORMATION: Lossless SRNS relocation in CELL_FACH (without pending of ciphering)                   | R99     | C389          | UE supporting PS and lossless SRNS relocation  |                                       |             |
| 7.3.3.6   | Cell Update: Lossless SRNS relocation in CELL_FACH (without pending of ciphering)                                  | R99     | C389          | UE supporting PS and lossless SRNS relocation  |                                       |             |
| 7.3.3.7   | URA Update: Lossless SRNS relocation in CELL_FACH (without pending of ciphering)                                   | R99     | C389          | UE supporting PS and lossless SRNS relocation  |                                       |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|--|---------------------------------------|-------------|
| 7.3.3.8   | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Lossless SRNS relocation) (without pending of ciphering)        | R99     | C389          | UE supporting PS and lossless SRNS relocation  |                                       |             |
| 7.3.3.9   | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Lossless SRNS relocation) (without pending of ciphering)      | R99     | C389          | UE supporting PS and lossless SRNS relocation  |                                       |             |
| 7.3.3.10  | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Lossless SRNS relocation) (without pending of ciphering)              | R99     | C389          | UE supporting PS and lossless SRNS relocation  |                                       |             |
| 7.3.3.11  | Transport Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Lossless SRNS relocation) (without pending of ciphering) | R99     | C389          | UE supporting PS and lossless SRNS relocation  |                                       |             |
| 7.3.5.3.2 | UDP/IPv6 or ESP/IPv6 or IPv6 Unacknowledged - Normal U-mode Transmission (without ack)  | Rel-4   | C382          | UE supporting PS and IP Header Compression protocol IETF RFC 3095  |                                       |             |
| 7.3.6.2   | Base test of ROHC RTP O-mode compressor   | Rel-5   | C558          | UE supporting PS or IMS and RFC 3095<br><br>Note:<br>For Rel-5 PS or IMS UEs RoHC support is optional.<br>For Rel-6 PS UEs RoHC support is optional.<br>For Rel-6 or later UEs supporting IMS RoHC support is mandatory. |                                       |             |
| 7.3.6.3   | Base test of ROHC RTP R-mode compressor   | Rel-5   | C558          | UE supporting PS or IMS and RFC 3095<br><br>Note:<br>For Rel-5 PS or IMS UEs RoHC support is optional.<br>For Rel-6 PS UEs RoHC support is optional.<br>For Rel-6 or later UEs supporting IMS RoHC support is mandatory. |                                       |             |
| 7.3.6.4   | Re-establishment of TS function after DTX in O-mode   | Rel-5   | C558          | UE supporting PS or IMS and RFC 3095<br><br>Note:<br>For Rel-5 PS or IMS UEs RoHC support is optional.<br>For Rel-6 PS UEs RoHC support is optional.<br>For Rel-6 or later UEs supporting IMS RoHC support is mandatory. |                                       |             |

| Clause  | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---------|--|---------|---------------|--|---------------------------------------|-------------|
| 7.3.6.5 | Re-establishment of TS function after DTX in R-mode  | Rel-5   | C558          | UE supporting PS or IMS and RFC 3095<br><br>Note:<br>For Rel-5 PS or IMS UEs RoHC support is optional.<br>For Rel-6 PS UEs RoHC support is optional.<br>For Rel-6 or later UEs supporting IMS RoHC support is mandatory. |                                       |             |
| 7.3.6.6 | Compressor response to single lost packets in O-mode | Rel-5   | C558          | UE supporting PS or IMS and RFC 3095<br><br>Note:<br>For Rel-5 PS or IMS UEs RoHC support is optional.<br>For Rel-6 PS UEs RoHC support is optional.<br>For Rel-6 or later UEs supporting IMS RoHC support is mandatory. |                                       |             |
| 7.3.6.7 | Compressor response to single lost packets in R-mode | Rel-5   | C558          | UE supporting PS or IMS and RFC 3095<br><br>Note:<br>For Rel-5 PS or IMS UEs RoHC support is optional.<br>For Rel-6 PS UEs RoHC support is optional.<br>For Rel-6 or later UEs supporting IMS RoHC support is mandatory. |                                       |             |
| 7.3.6.8 | TS function during DTX with varying delta in O-mode  | Rel-5   | C558          | UE supporting PS or IMS and RFC 3095<br><br>Note:<br>For Rel-5 PS or IMS UEs RoHC support is optional.<br>For Rel-6 PS UEs RoHC support is optional.<br>For Rel-6 or later UEs supporting IMS RoHC support is mandatory. |                                       |             |
| 7.3.6.9 | TS function during DTX with varying delta in R-mode  | Rel-5   | C558          | UE supporting PS or IMS and RFC 3095<br><br>Note:<br>For Rel-5 PS or IMS UEs RoHC support is optional.<br>For Rel-6 PS UEs RoHC support is optional.<br>For Rel-6 or later UEs supporting IMS RoHC support is mandatory. |                                       |             |

| Clause   | Title  | Release | Applicability | Comments  | Number of TC Executions (informative)                                    | Release RAT |  |
|----------|--|---------|---------------|---|--|-------------|--|
| 7.3.6.10 | SRNS relocation for ROHC RTP O-mode compressor   | Rel-5   | C559          | UE supporting PS or IMS, RFC 3095 and RFC 3095 context relocation<br><br>Note:<br>For Rel-5 PS or IMS UEs RoHC support is optional.<br>For Rel-6 PS UEs RoHC support is optional.<br>For Rel-6 or later UEs supporting IMS RoHC support is mandatory. |  |             |  |
| 7.3.7.1  | PDCP AMR Data PDU testing  | Rel-7   | C592          | UE supporting FDD and CS Voice over HSPA.<br><br>Note: CS Voice over HSPA is an optional Rel-8 feature that may be implemented in Rel-7 UEs.  | 1 Execution: CS  |             |  |
| 7.3.7.2  | PDCP Unrecoverable Error Detection   | Rel-7   | C592          | UE supporting FDD and CS Voice over HSPA.<br><br>Note: CS Voice over HSPA is an optional Rel-8 feature that may be implemented in Rel-7 UEs.  | 1 Execution: CS  |             |  |
| 7.4.2.1  | General BMC message reception / UE in Idle mode  | R99     | C216          | UE supporting PS, BMC and CBS   |  |             |  |
| 7.4.2.2  | General BMC message reception / UE in RRC connected mode, state CELL_PCH                   | R99     | C216          | UE supporting PS, BMC and CBS   |  |             |  |
| 7.4.2.3  | General BMC message reception / UE in RRC connected mode, state URA_PCH                    | R99     | C216          | UE supporting PS, BMC and CBS   |  |             |  |
| 7.4.2.4  | General BMC message reception / UE in Idle mode (ANSI-41 CB data)                          | R99     | C217          | UE supporting PS, BMC and ANSI-41 CB data   |  |             |  |
| 7.4.2.5  | General BMC message reception / UE in RRC connected mode, state CELL_PCH (ANSI-41 CB data) | R99     | C217          | UE supporting PS, BMC and ANSI-41 CB data   |  |             |  |
| 7.4.2.6  | General BMC message reception / UE in RRC connected mode, state URA_PCH (ANSI-41 CB data)  | R99     | C217          | UE supporting PS, BMC and ANSI-41 CB data   |  |             |  |
| 7.4.3.1  | Reception of certain CBS message types   | R99     | C218          | UE supporting PS, BMC, CBS and BMC DRX Scheduling   |  |             |  |
| <b>8</b> | <b>RADIO RESOURCE CONTROL</b>  |         |               |   |  |             |  |
| 8.1.1.1  | RRC / Paging for Connection in idle mode   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |  |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |  |
| 8.1.1.2  | RRC / Paging for Connection in connected mode (CELL_PCH)                                   | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS  |             |  |



| Clause   | Title   | Release | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
|----------|---|---------|---------------|--|--|-------------|
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service               |  |             |
| 8.1.1.3  | RRC / Paging for Connection in connected mode (URA_PCH)   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service               |  |             |
| 8.1.1.4  | RRC / Paging for notification of BCCH modification in idle mode   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.   |  |             |
| 8.1.1.5  | RRC / Paging for notification of BCCH modification in connected mode (CELL_PCH)                           | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service               |  |             |
| 8.1.1.5b | Paging on HS-DSCH for notification of BCCH modification in CELL_PCH (1.28Mcps TDD)                        | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH  | 1 Execution: PS  |             |
| 8.1.1.5a | Paging on HS-DSCH for notification of BCCH modification in CELL_PCH                                       | Rel-7   | C616          | UEs supporting FDD and HS-PDSCH in CELL_PCH and URA_PCH  | 1 Execution: PS  |             |
| 8.1.1.6  | RRC / Paging for notification of BCCH modification in connected mode (URA_PCH)                            | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service               |  |             |
| 8.1.1.6a | RRC / Paging for notification of synchronised BCCH modification in idle mode using BCCH modification time | Rel-5   | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.   |  |             |
| 8.1.1.7  | RRC / Paging for Connection in connected mode (CELL_DCH)  | R99     | C90d          | UEs supporting FDD and PS domain services and CS domain services and CS call establishment.  | 2 Executions: CS+PS, PS+CS   |             |
|          |   |         | C91           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and PS domain services and CS domain services. |  |             |
| 8.1.1.8  | RRC / Paging for Connection in connected mode (CELL_FACH)   | R99     | C90d          | UEs supporting FDD and PS domain services and CS domain services and CS call establishment.  | 1 Execution: CS+PS   |             |

| Clause    | Title   | Release              | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
|-----------|---|----------------------|---------------|--|--|-------------|
|           |   |                      | C91           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and PS domain services and CS domain services. |  |             |
| 8.1.1.9   | RRC / Paging for Connection in idle mode (multiple paging records)  | R99                  | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |                      | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.   |  |             |
| 8.1.1.10  | RRC / Paging for Connection in connected mode (URA_PCH, multiple paging records)  | R99                  | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|           |   |                      | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service               |  |             |
| 8.1.1.11  | RRC / Paging for Connection in idle mode (Shared Network environment)   | Rel-6                | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.1.1.12  | Paging for Connection in connected mode (CELL_PCH) without HS-SCCH  | Rel-7                | C616          | UEs supporting FDD and HS-PDSCH in CELL_PCH and URA_PCH  | 1 Execution: PS  |             |
| 8.1.1.12a | Paging for Connection in connected mode (CELL_PCH) without legacy PCH configured (1.28Mcps TDD)   | Rel-9                | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH  | 1 Execution: PS  |             |
| 8.1.1.13  | ETWS primary and secondary notification without security reception via S-CCPCH in idle mode, URA_PCH and CELL_PCH state / CELL_FACH state | Rel-8 and Rel-9 only | C679          | UE supporting FDD and ETWS and duplicate detection for ETWS in RRC   | 1 Execution: PS  |             |
| 8.1.1.14  | Void  |                      |               |  |  |             |
| 8.1.1.15  | Void  |                      |               |  |  |             |
| 8.1.1.16  | Void  |                      |               |  |  |             |
| 8.1.1.17  | Void  |                      |               |  |  |             |
| 8.1.1.18  | Void  |                      |               |  |  |             |
| 8.1.1.19  | ETWS primary and secondary notification / Cell reselection  | Rel-8 and Rel-9 only | C679          | UE supporting FDD and ETWS and duplicate detection for ETWS in RRC   | 1 Execution: PS  |             |
| 8.1.1.20  | Paging / EAB active   | Rel-11               | C903          | Support EAB configuration  |  |             |
| 8.1.2.1   | RRC / RRC Connection Establishment in CELL_DCH state: Success   | R99                  | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS (only if CS call establishment is supported), PS   |             |
|           |   |                      | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.   |  |             |
| 8.1.2.1a  | RRC Connection Establishment in CELL_DCH state: Success (TDD Only)  | Rel-7                | C03           | UEs supporting 1.28Mcps TDD  | 1 or 2 Executions: CS, PS  |             |
| 8.1.2.2   | RRC / RRC Connection Establishment: Success after T300 timeout  | R99                  | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative)                                    | Release RAT |
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|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.1.2.3   | RRC / RRC Connection Establishment: Failure (V300 is greater than N300)                                   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.1.2.4   | RRC / RRC Connection Establishment: Reject ("wait time" is not equal to 0)                                | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.1.2.5   | RRC / RRC Connection Establishment: Reject ("wait time" is not equal to 0 and V300 is greater than N300)  | R99     | C01           | UEs supporting FDD.   |  |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.1.2.6   | RRC / RRC Connection Establishment: Reject ("wait time" is set to 0)                                      | R99     | C01           | UEs supporting FDD.   |  |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.1.2.7   | RRC / RRC Connection Establishment in CELL_FACH state: Success  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.1.2.8   | Void  |         |               |   |  |             |
| 8.1.2.9   | RRC / RRC Connection Establishment: Success after Physical channel failure and Invalid configuration      | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.1.2.10  | RRC / RRC connection establishment in CELL_DCH on another frequency                                       | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C03           | UEs supporting 1.28Mcps TDD   | 1 or 2 Executions: CS, PS  |             |
| 8.1.2.10a | RRC connection establishment in CELL_DCH on another frequency in a different frequency band               | R99     | C481d         | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and multiple FDD bands simultaneously. | 1 or 2 Executions: CS, PS ( only if CS call establishment is supported ) |             |
| 8.1.2.10b | RRC connection establishment in CELL_DCH on another frequency in a different frequency band(TDD a-f band) | Rel-7   | C726          | UEs supporting 1.28Mcps TDD and multiple TDD frequency bands simultaneously   | 1 or 2 Executions: CS, PS  |             |

| Clause   | Title   | Release | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
|----------|---|---------|---------------|--|--|-------------|
| 8.1.2.11 | RRC Connection Establishment in FACH state (Frequency modification): Success                                      | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.1.2.12 | RRC Connection Establishment: Reject with interRATInfo is set to GSM  | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  | 1 Execution: CS  |             |
|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech.   |  |             |
| 8.1.2.13 | RRC Connection Establishment: Reject with InterRATInfo is set to GSM and selection to the designated system fails | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  | 1 Execution: CS  |             |
|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech.   |  |             |
| 8.1.2.14 | RRC Connection Establishment using the default configuration for 3.4 kbps signalling bearers                      | Rel-5   | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |   | Rel-10  | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |
| 8.1.2.15 | RRC Connection Establishment using the default configuration for 13.6 kbps signalling bearers                     | Rel-5   | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |   | Rel-10  | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |
| 8.1.2.16 | RRC Connection Establishment / Domain Specific Access Control: Success  | Rel-5   | C409          | UEs supporting FDD and PS domain services and CS domain services and CS call establishment and DSAC.<br><br>Note:<br>For Rel-5 UEs DSAC support is optional.<br>For Rel-6 or later UEs DSAC support is mandatory.                | 1 Execution: CS+PS   |             |
|          |   |         | C410          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and PS domain services and CS domain services and DSAC.<br><br>Note:<br>For Rel-5 UEs DSAC support is optional.<br>For Rel-6 or later UEs DSAC support is mandatory. |  |             |
| 8.1.2.17 | RRC Connection Establishment for transition from Idle Mode to CELL_DCH: Success (start of E-DCH transmission)     | Rel-6   | C560          | UEs supporting FDD and HS-PDSCH and E-DPCH and fully supporting F-DPCH   | 1 Execution: PS  |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative)                                   | Release RAT |
|-----------|---|---------|---------------|---|---|-------------|
|           |   | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH  |   |             |
|           |   |         | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |   |             |
| 8.1.2.18  | RRC Connection Establishment using the default configuration for HS-DSCH / E-DCH signalling bearers   | Rel-6   | C560          | UEs supporting FDD and HS-PDSCH and E-DPDCH and fully supporting F-DPCH   | 1 Execution: PS   |             |
|           |   | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |   |             |
| 8.1.2.19  | RRC Connection Establishment for transition from Idle Mode to CELL_DCH: Success (start of discontinuous uplink transmission and downlink reception) | Rel-7   | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS   |             |
| 8.1.2.20  | RRC Connection Establishment for transition from Idle Mode to CELL_FACH: Success (Start of HS-DSCH Reception)                                       | Rel-7   | C591          | UEs supporting FDD and HS-PDSCH in CELL_FACH  | 1 Execution: PS   |             |
| 8.1.2.21  | RRC Connection Establishment: Reject with Frequency Info set to the same frequency band – Successful case   | R99     | C01d          | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ),PS |             |
| 8.1.2.21a | RRC Connection Establishment: Reject with Frequency Info set to a different frequency band – Successful case  | R99     | C481d         | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and multiple FDD bands simultaneously. | 1 or 2 Executions: CS ( only if CS call establishment is supported ),PS |             |
| 8.1.2.22  | RRC Connection Establishment: Reject with Frequency Info set to the same frequency band – Unsuccessful case   | R99     | C01d          | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS( only if CS call establishment is supported ),PS  |             |
| 8.1.2.22a | RRC Connection Establishment: Reject with Frequency Info set to a different frequency band – Unsuccessful case                                      | R99     | C481d         | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and multiple FDD bands simultaneously. | 1 or 2 Executions: CS ( only if CS call establishment is supported ),PS |             |
| 8.1.2.23  | Void  |         |               |   |   |             |
| 8.1.2.23a | Void  |         |               |   |   |             |
| 8.1.2.24  | Void  |         |               |   |   |             |
| 8.1.2.24a | Void  |         |               |   |   |             |
| 8.1.2.25  | RRC Connection Establishment for transition from Idle Mode to CELL_FACH: Success (Start of E-DCH and HS-DSCH Reception)                             | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH   | 1 Execution: PS   |             |
| 8.1.2.26  | RRC Connection Establishment / Paging Permission with Access Control: Success   | Rel-8   | C90d          | UEs supporting FDD and PS domain services and CS domain services and CS call establishment.                                       | 1 Execution: CS+PS  |             |
|           |   |         | C91           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and PS domain services and CS domain services.                        |   |             |
| 8.1.2.27  | Void  |         |               |   |   |             |

| Clause  | Title  | Release | Applicability | Comments  | Number of TC Executions (informative)                                    | Release RAT |
|---------|--|---------|---------------|---|--|-------------|
| 8.1.3.1 | RRC / RRC Connection Release in CELL_DCH state: Successful                         | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|         |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.        |  |             |
| 8.1.3.2 | RRC / RRC Connection Release using on DCCH in CELL_FACH state: Successful          | R99     | C01           | UEs supporting FDD.   |  |             |
|         |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.        |  |             |
| 8.1.3.3 | RRC / RRC Connection Release using on CCCH in CELL_FACH state: Success             | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|         |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.        |  |             |
| 8.1.3.4 | RRC / RRC Connection Release in CELL_FACH state: Failure                           | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|         |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.        |  |             |
| 8.1.3.5 | RRC / RRC Connection Release in CELL_FACH state: Invalid message                   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|         |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.        |  |             |
| 8.1.3.6 | RRC / RRC Connection Release in CELL_DCH state (Frequency modification): Success   | R99     | C01           | UEs supporting FDD.   |  |             |
| 8.1.3.7 | RRC Connection Release in CELL_FACH state (Frequency modification): Success        | R99     | C01           | UEs supporting FDD.   |  |             |
| 8.1.3.8 | Void   |         |               |   |  |             |
| 8.1.3.9 | RRC Connection Release in CELL_DCH state (Network Authentication Failure): Success | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.1.5.1 | RRC / UE Capability in CELL_DCH state: Success                                     | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|         |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.        |  |             |
| 8.1.5.2 | RRC / UE Capability in CELL_DCH state: Success after T304 timeout                  | R99     | C01           | UEs supporting FDD.   |  |             |
|         |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.        |  |             |
| 8.1.5.3 |  | R99     | C01           | UEs supporting FDD.   |  |             |

| Clause   | Title  | Release | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
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|          | RRC / UE Capability in CELL_DCH state: Failure (After N304 re-transmissions)                       |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |  |             |
| 8.1.5.4  | RRC / UE Capability in CELL_FACH state: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.1.5.5  | RRC / UE Capability in CELL_FACH state: Success after T304 timeout                                 | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |  |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.1.5.6  | UE Capability Information/ Reporting Of InterRAT Specific UE RadioAccessCapability.                | R99     | C05           | UEs supporting FDD and GSM.  |  |             |
| 8.1.5.7  | UE Capability Information/ Audit Of UE Capabilities.   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service).                         | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.1.6.1  | Direct Transfer in CELL_DCH state (invalid message reception and no signalling connection exists)  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |  |             |
| 8.1.6.2  | Direct Transfer in CELL_FACH state (invalid message reception and no signalling connection exists) | R99     | C01           | UEs supporting FDD.  |  |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |  |             |
| 8.1.6.3  | Measurement Report on INITIAL DIRECT TRANSFER message and UPLINK DIRECT TRANSFER message           | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
| 8.1.6.4  | UPLINK Direct Transfer (RLC re-establishment)  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |  |             |
| 8.1.6.5  | Initial Direct Transfer: Inclusion of establishment cause  | Rel-5   | C594          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data.                     | 1 Execution: CS+PS   |             |
| 8.1.7.1  | RRC / Security mode control in CELL_DCH state  | R99     | C356          | UEs supporting FDD and supporting CS bearer service and CS call establishment.                                       | 1 Execution: CS  |             |
|          |  |         | C357          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting CS bearer service                         |  |             |
| 8.1.7.1b | Security mode command in CELL_DCH state (PS Domain)  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |

| Clause   | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 8.1.7.1c | Security mode control in CELL_DCH state (CN Domain switch and new keys at RRC message sequence number wrap around)            | R99     | C594          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data.  | 1 Execution: CS+PS                    |             |
|          |   |         | C91           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and PS domain services and CS domain services.  |                                       |             |
| 8.1.7.1d | Security mode control in CELL_DCH state interrupted by a cell update  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service  |                                       |             |
| 8.1.7.2  | RRC / Security mode control in CELL_FACH state  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service  |                                       |             |
| 8.1.7.3  | Security mode command in CELL_DCH state (UEA2/UIA2, CS Domain)  | Rel-7   | C656          | UEs supporting FDD and supporting CS bearer service and CS call establishment supporting UEA2/UIA2.<br><br>Note:<br>For UEs for which test case 8.1.7.3 is applicable then test case 8.1.7.1 is optional (8.1.7.1 considered implicitly covered by 8.1.7.3).                | 1 Execution: CS                       |             |
| 8.1.7.3b | Security mode command in CELL_DCH state (UEA2/UIA2, PS Domain)  | Rel-7   | C657          | UEs supporting FDD and supporting PS bearer service and supporting UEA2/UIA2.<br><br>Note:<br>For UEs for which test case 8.1.7.3b is applicable then test case 8.1.7.1b is optional (8.1.7.1b considered implicitly covered by 8.1.7.3b).                                  | 1 Execution: PS                       |             |
| 8.1.7.3c | Security mode control in CELL_DCH state (UEA2/UIA2, CN Domain switch and new keys at RRC message sequence number wrap around) | Rel-7   | C658          | UEs supporting FDD and PS domain services and CS domain , speech or transparent data and supporting UEA2/UIA2.<br><br>Note:<br>For UEs for which test case 8.1.7.3c is applicable then test case 8.1.7.1c is optional (8.1.7.1c considered implicitly covered by 8.1.7.3c). | 1 Execution: CS+PS                    |             |



| Clause   | Title  | Release | Applicability | Comments  | Number of TC Executions (informative)                                    | Release RAT |
|----------|--|---------|---------------|---|--|-------------|
| 8.1.7.3d | Security mode control in CELL_DCH state interrupted by a cell update (UEA2/UIA2)   | Rel-7   | C657          | UEs supporting FDD and supporting PS bearer service and supporting UEA2/UIA2.<br><br>Note:<br>For UEs for which test case 8.1.7.3d is applicable then test case 8.1.7.1d is optional (8.1.7.1d considered implicitly covered by 8.1.7.3d).  | 1 Execution: PS  |             |
| 8.1.7.4  | Security mode command in CELL_FACH state (UEA2/UIA2)   | Rel-7   | C657          | UEs supporting FDD and supporting PS bearer service and supporting UEA2/UIA2.<br><br>Note:<br>For UEs for which test case 8.1.7.4 is applicable then test case 8.1.7.2 is optional (8.1.7.2 considered implicitly covered by 8.1.7.4).  | 1 Execution: PS  |             |
| 8.1.8.1  | Counter check in CELL_DCH state, with symmetrical RAB  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.1.8.2  | RRC / Counter check in CELL_FACH state   | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service  |  |             |
| 8.1.8.3  | Counter check in CELL_DCH state, with asymmetric RAB   | R99     | C01           | UEs supporting FDD  |  |             |
| 8.1.9    | RRC / Signalling Connection Release Indication   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.1.9a   | Signalling Connection Release Indication (RLC re-establishment): CS signalling connection release  | R99     | C01           | UEs supporting FDD.   |  |             |
| 8.1.9b   | Signalling Connection Release Indication (RLC re-establishment): PS signalling connection release  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.1.9c   | Signalling Connection Release Indication in Cell_DCH state when the upper layers of the UE indicate that there is no more PS data for a prolonged period | Rel-8   | C830          | UEs supporting FDD at least one PS bearer and transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in cell_DCH<br><br>Note: Rel-8 Fast Dormancy is an optional Rel-8 feature that may be implemented in Rel-7 or later UEs. | 1 Execution: PS  |             |

| Clause | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|--------|---|---------|---------------|---|---------------------------------------|-------------|
|        |   | Rel-9   | C831          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option, at least one PS bearer and indication, and transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in cell_DCH  |                                       |             |
| 8.1.9d | No Signalling connection release indication in CELL_DCH state when the upper layers of the UE indicate that there is no more PS data for a prolonged period, CS connection exists | Rel-8   | C833          | UEs supporting FDD at least one PS bearer and operation mode A and transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in cell_DCH and CS domain services, speech or transparent CS data<br><br>Note: Rel-8 Fast Dormancy is an optional Rel-8 feature that may be implemented in Rel-7 or later UEs.  | 1 Execution: CS+PS                    |             |
|        |   |         | C834          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option, at least one PS bearer and operation mode A and transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in cell_DCH CS domain services, speech or transparent CS data   |                                       |             |
| 8.1.9e | Signalling connection release indication in Cell_PCH state when the upper layers of the UE indicate that there is no more PS data for a prolonged period/V316 in use              | Rel-8   | C835          | UEs supporting FDD at least one PS bearer and transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in CELL_PCH when DRX cycle length in use is equal to or longer than the shorter CN domain specific DRX cycle length for the PS domain and CS domain<br><br>Note: Rel-8 Fast Dormancy is an optional Rel-8 feature that may be implemented in Rel-7 or later UEs. |                                       |             |

| Clause   | Title   | Release | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
|----------|---|---------|---------------|--|--|-------------|
|          |   |         | C836          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option. at least one PS bearer and indication, and transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in CELL_PCH when DRX cycle length in use is equal to or longer than the shorter CN domain specific DRX cycle length for the PS domain and CS domain |  |             |
| 8.1.9f   | Signalling Connection Release Indication in Cell_FACH state when the upper layers of the UE indicate that there is no more PS data for a prolonged period | Rel-8   | C830a         | UEs supporting FDD at least one PS bearer and transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in Cell_FACH<br><br>Note: Rel-8 Fast Dormancy is an optional Rel-8 feature that may be implemented in Rel-7 or later UEs.   | 1 Execution: PS  |             |
|          |   | Rel-9   | C831a         | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option. at least one PS bearer and indication, and transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in Cell_FACH  |  |             |
| 8.1.10.1 | Dynamic change of segmentation, concatenation & scheduling and handling of unsupported information blocks   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
|-----------|---|---------|---------------|--|--|-------------|
| 8.1.10.2  | BCCH Mapping on HS-DSCH for Transmitting System Information Change Indication   | Rel-7   | C870          | UEs supporting FDD and HS-PDSCH in CELL_FACH except those receiving MIB Value Tag autonomously before or parallel to receiving SIB INFORMATION CHANGE INDICATION in SIB 5 or SIB 5bis. | 1 Execution: PS  |             |
| 8.1.10.2a | BCCH Mapping on HS-DSCH for Transmitting System Information Change Indication with autonomous reading of Master Information Block Value Tag                 | Rel-8   | C871          | UEs supporting FDD and HS-PDSCH in CELL_FACH, and receiving MIB Value Tag autonomously before or parallel to receiving SIB INFORMATION CHANGE INDICATION in SIB 5 or SIB 5bis.         | 1 Execution: PS  |             |
| 8.1.10.3  | BCCH Mapping on HS-DSCH for Transmitting System Information Change Indication (1.28Mcps TDD)  | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH  |  |             |
| 8.1.11    | RRC / Signalling Connection Release (Invalid configuration)   | R'99    | C01           | UEs supporting FDD.  |  |             |
| 8.1.12    | Integrity Protection  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |
| 8.2.1.1   | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |
| 8.2.1.1a  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (TDD Only)   | Rel-7   | C03           | UEs supporting 1.28Mcps TDD  | 1 or 2 Executions: CS, PS  |             |
| 8.2.1.2   | Void  |         |               |  |  |             |
| 8.2.1.3   | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)  | R99     | C01           | UEs supporting FDD.  |  |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |
| 8.2.1.4   | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Physical channel Failure and successful reversion to old configuration) | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative)                                    | Release RAT |
|-----------|--|---------|---------------|---|--|-------------|
| 8.2.1.4a  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of MIMO operation for 1.28Mcps TDD only)             | Rel-9   | C880          | UEs supporting 1.28Mcps TDD and HS-PDSCH and TDD HS-DSCH category 25 or TDD HS-DSCH category 26 or TDD HS-DSCH category 27 or TDD HS-DSCH category 28 or TDD HS-DSCH category 29 or TDD HS-DSCH category 30 | 1 Execution: PS  |             |
| 8.2.1.4b  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of SPS operation)                                    | Rel-9   | C729          | UEs supporting TDD and SPS operation  | 1 Execution: PS  |             |
| 8.2.1.4c  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of Control Channel DRX operation)                    | Rel-9   | C730          | UEs supporting TDD and Control Channel DRX operation  | 1 Execution: PS  |             |
| 8.2.1.5   | Void   |         |               |   |  |             |
| 8.2.1.6   | Void   |         |               |   |  |             |
| 8.2.1.7   | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception and invalid configuration) | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option   |  |             |
| 8.2.1.8   | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS  |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service  |  |             |
| 8.2.1.9   | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)                                  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS  |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service  |  |             |
| 8.2.1.10  | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS  |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service  |  |             |
| 8.2.1.10a | Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (TDD Only)   | Rel-7   | C53           | UEs supporting 1.28 Mcps TDD option and supporting PS bearer service  | 1 Execution: PS  |             |
| 8.2.1.11  |  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |

| Clause    | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|--|---------------------------------------|-------------|
|           | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.1.11a | Void   |         |               |  |                                       |             |
| 8.2.1.12  | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and successful reversion to old configuration) | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.1.13  | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and reversion failure)                         | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.1.14  | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)                              | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.1.15  | Void   |         |               |  |                                       |             |
| 8.2.1.16  | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.1.17  | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Subsequently received )  | R99     | C01           | UEs supporting FDD.  |                                       |             |
|           |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |                                       |             |
| 8.2.1.18  | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (Subsequently received )   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.1.19  | Void   |         |               |  |                                       |             |
| 8.2.1.20  | Void   |         |               |  |                                       |             |
| 8.2.1.21  | Void   |         |               |  |                                       |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative)                                    | Release RAT |
|-----------|--|---------|---------------|---|--|-------------|
| 8.2.1.22  | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH (Frequency modification): Success                               | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service              |  |             |
| 8.2.1.23  | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH (Frequency modification): Success                               | R99     | C01           | UEs supporting FDD.   |  |             |
|           |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option   |  |             |
| 8.2.1.24  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH (Frequency modification): Success                                      | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.2.1.24a | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH (Inter-band handover): Success   | R99     | C481d         | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and multiple FDD bands simultaneously. | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.2.1.24b | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH (Inter-band handover): Success (TDD a-f band)                          | Rel-7   | C726          | UEs supporting 1.28Mcps TDD and multiple TDD frequency bands simultaneously   | 1 or 2 Executions: CS, PS  |             |
| 8.2.1.25  | Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH (Frequency modification): Success                                    | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service              |  |             |
| 8.2.1.26  | Void   |         |               |   |  |             |
| 8.2.1.27  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (two radio links, start of HS-DSCH reception)                 | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS  |             |
| 8.2.1.27a | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success ( start of HS-DSCH reception)                                 | Rel-5   | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.1.27b | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of HS-DSCH reception) (TDD only)                       | Rel-5   | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.1.27c | inter-band frequency hard handover, start of HS-DSCH reception, LCR TDD band a-f)  | Rel-7   | C840          | UEs supporting LCR TDD and HS-PDSCH and multiple TDD frequency bands simultaneously and multiple frequency operation.             |  |             |
| 8.2.1.27d | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of HS-DSCH reception) ( In a different frequency band) | Rel-7   | C841          | UEs supporting TDD and HS-PDSCH and multiple frequency operation.   |  |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative)                                    | Release RAT |
|-----------|---|---------|---------------|---|--|-------------|
| 8.2.1.28  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (RB mapping for both DL DCH and HS-DSCH in cell without HS-DSCH support)   | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS  |             |
|           |   |         | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.1.29  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialized hard handover to another frequency, uplink TFCS restriction and start of HS-DSCH reception) | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS  |             |
|           |   |         | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.1.30  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, start of HS-DSCH reception)                             | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS  |             |
|           |   |         | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
|           |   |         | C465          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.1.31  | Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (start of HS-DSCH reception)  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS  |             |
|           |   |         | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
|           |   |         | C465          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.1.32  | Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (start of HS-DSCH reception with frequency modification)  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS  |             |
|           |   |         | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
|           |   |         | C465          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.1.33  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Unsynchronised RL Reconfiguration)  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.2.1.34  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Unsynchronised RL Reconfiguration with frequency modification)  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.2.1.34a | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Unsynchronised RL Reconfiguration with inter-band handover)   | R99     | C481d         | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and multiple FDD bands simultaneously. | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.2.1.34b | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Unsynchronised RL Reconfiguration with inter-band handover)(TDD a-f band)   | Rel-7   | C726          | UEs supporting 1.28Mcps TDD and multiple TDD frequency bands simultaneously   | 1 or 2 Executions: CS, PS  |             |



| Clause    | Title  | Release    | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|------------|---------------|---|---------------------------------------|-------------|
| 8.2.1.35  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of E-DCH transmission)   | Rel-6      | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|           |  | Rel-7      | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH      |                                       |             |
|           |  |            | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH                                   |                                       |             |
| 8.2.1.35a | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of E-DCH transmission, in the multi-frequency network environment, for 1.28 Mcps TDD only)                                   | Rel-7      | C842          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and multiple frequency operation. | 1 Execution: PS                       |             |
| 8.2.1.36  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (hard handover to another frequency, start of E-DCH transmission)   | Rel-6 only | C564          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|           |  | Rel-7      | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH      |                                       |             |
|           |  |            | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH                                   |                                       |             |
| 8.2.1.36a | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (hard handover to another frequency, start of E-DCH transmission, F-DPCH configured)  | Rel-6      | C560          | UEs supporting FDD and HS-PDSCH and E-DPDCH and fully supporting F-DPCH               | 1 Execution: PS                       |             |
| 8.2.1.36b | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (hard handover to another frequency in the multi-frequency network environment, start of E-DCH transmission, for 1.28Mcps TDD only) | Rel-7      | C842          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and multiple frequency operation. | 1 Execution: PS                       |             |
| 8.2.1.37  | Void   |            |               |   |                                       |             |
| 8.2.1.38  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of discontinuous uplink transmission)  | Rel-7      | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |
| 8.2.1.39  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of HS-SCCH less operation)   | Rel-7      | C580          | UEs supporting FDD and HS-SCCH less operation   | 1 Execution: PS                       |             |
| 8.2.1.40  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (hard handover to another frequency, start of discontinuous uplink transmission)  | Rel-7      | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |
| 8.2.1.41  | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (UL DPCCH slot format #4)   | Rel-7      | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |

| Clause     | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 8.2.1.42   | Radio Bearer Establishment for transition from CELL_FACH (Enhanced UL/DL) to CELL_DCH : Success (with ongoing HS-DSCH reception and E-DCH transmission) | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH   | 1 Execution: PS                       |             |
| 8.2.1.43   | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (start of E-DCH transmission with enhanced TS0) (1.28 Mcps TDD)            | Rel-9   | C819          | UEs supporting 1.28Mcps TDD and HS-PDSCH and enhanced TS0   |                                       |             |
| 8.2.1.44.1 | Radio Bearer Establishment for transition between CELL_DCH & CELL_DCH with SRB on DCH: Successful Activation of 3C-HSDPA for single band                | Rel-10  | C851a         | UEs supporting FDD and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Single band Carrier Combination (3) | 1 Execution: PS                       |             |
| 8.2.1.44.2 | Radio Bearer Establishment for transition between CELL_DCH & CELL_DCH with SRB on DCH :Successful Activation of 3C-HSDPA for dual bands (1-2)           | Rel-10  | C860a         | UEs supporting FDD and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (1,2) | 1 Execution: PS                       |             |
| 8.2.1.44.3 | Radio Bearer Establishment for transition between CELL_DCH & CELL_DCH with SRB on DCH: Successful Activation of 3C-HSDPA for dual band (2-1)            | Rel-10  | C861a         | UEs supporting FDD and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (2,1) | 1 Execution: PS                       |             |
| 8.2.1.44.4 | Radio Bearer Establishment for transition between CELL_DCH & CELL_DCH with SRB on DCH: Successful Activation of 4C-HSDPA for dual band(3,1)             | Rel-10  | C862a         | UEs supporting FDD and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (3,1)   | 1 Execution: PS                       |             |
| 8.2.1.44.5 | Radio Bearer Establishment for transition between CELL_DCH & CELL_DCH with SRB on DCH: Successful Activation of 4C-HSDPA for dual band(2,2)             | Rel-10  | C863a         | UEs supporting FDD and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (2,2)   | 1 Execution: PS                       |             |

| Clause     | Title   | Release | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
|------------|---|---------|---------------|--|--|-------------|
| 8.2.1.45.1 | Radio Bearer Establishment for transition between CELL_DCH and CELL_DCH with SRBs mapped on DCH: Successful Activation of 2cell/single frequency Multiflow HSDPA , intra-NodeB  | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA andSingle Band – Single Frequency and Dual Cell combination (SB-SF-DC)  | 1 Execution: PS  |             |
| 8.2.1.45.2 | Radio Bearer Establishment for transition between CELL_DCH and CELL_DCH with SRBs mapped on DCH: Successful Activation of 3 cell/two frequencies Multiflow HSDPA for Single band, intra-NodeB   | Rel-11  | C915          | UEs supporting FDD and Multiflow HSDPA andSingle Band – Dual Frequency and Three Cell combination (SB-DF-3C)   | 1 Execution: PS  |             |
| 8.2.1.45.3 | Radio Bearer Establishment for transition between CELL_DCH and CELL_DCH with SRBs mapped on DCH: Successful Activation of 3 cells/two frequencies Multiflow HSDPA for Dual Bands, intra-NodeB   | Rel-11  | C916          | UEs supporting FDD and Multiflow HSDPA andDual Band – Dual Frequency and Three Cell combination (DB-DF-3C)     | 1 Execution: PS  |             |
| 8.2.1.46.1 | Radio Bearer Establishment for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation of 2cell/single frequency Multiflow HSDPA for single band, inter-NodeB, 16QAM/64QAM, 16QAM, assisting serving cell as time reference cell. | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA and Single Band – Single Frequency and Dual Cell combination (SB-SF-DC) | 1 Execution: PS  |             |
| 8.2.1.46.2 | Radio Bearer Establishment for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation of 3 cell/two frequencies Multiflow HSDPA for single band, inter-NodeB, 16QAM/64QAM, 16QAM, assisting serving cell as time reference cell. | Rel-11  | C915          | UEs supporting FDD and Multiflow HSDPA and Single Band – Dual Frequency and three Cell combination (SB-DF-3C)  | 1 Execution: PS  |             |
| 8.2.1.46.3 | Radio Bearer Establishment for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation of 3 cell/two frequencies Multiflow HSDPA for dual bands, inter-NodeB, 16QAM/64QAM, 16QAM, assisting serving cell as time reference cell.  | Rel-11  | C916          | UEs supporting FDD and Multiflow HSDPA and Dual Band – Dual Frequency and Three Cell combination (DB-DF-3C)    | 1 Execution: PS  |             |
| 8.2.1.47   | Radio Bearer Establishment for transition between CELL_DCH and CELL_DCH with SRBs mapped on DCH: Successful Activation of DCH Enhancements in Basic Mode  | Rel-12  | C917          | UEs supporting DCH Enhancements in Basic Mode  | 1 Execution:CS   |             |
| 8.2.1.48   | Radio Bearer Establishment for transition between CELL_DCH and CELL_DCH with SRBs mapped on DCH: Successful Activation of DCH Enhancements in Full Mode   | Rel-12  | C918          | UEs supporting DCH Enhancements in Full Mode   | 1 Execution:CS   |             |
| 8.2.2.1    | RRC / Radio Bearer Reconfiguration (Hard Handover) from CELL_DCH to CELL_DCH: Success   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                    | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|            |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                            |  |             |

| Clause   | Title  | Release | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
|----------|--|---------|---------------|--|--|-------------|
| 8.2.2.1a | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (TDD Only)   | Rel-8   | C03           | UEs supporting 1.28Mcps TDD  | 1 or 2 Executions: CS, PS  |             |
| 8.2.2.2  | RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)                      | R99     | C01           | UEs supporting FDD.  |  |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |  |             |
| 8.2.2.3  | Void   |         |               |  |  |             |
| 8.2.2.4  | RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure) | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |  |             |
| 8.2.2.5  | Void   |         |               |  |  |             |
| 8.2.2.5a | Void   |         |               |  |  |             |
| 8.2.2.6  | Void   |         |               |  |  |             |
| 8.2.2.7  | RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Continue and stop)                              | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |  |             |
| 8.2.2.8  | RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.2.9  | RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success (Cell re-selection)                             | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.2.10 | RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.2.11 | Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)                           | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
|-----------|---|---------|---------------|--|--|-------------|
| 8.2.2.11a | Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration) (1.28 Mcps TDD Only) | Rel-4   | C53           | UEs supporting 1.28 Mcps TDD option and supporting PS bearer service   | 1 Execution: PS  |             |
| 8.2.2.12  | Void  |         |               |  |  |             |
| 8.2.2.13  | Void  |         |               |  |  |             |
| 8.2.2.14  | Void  |         |               |  |  |             |
| 8.2.2.15  | Void  |         |               |  |  |             |
| 8.2.2.16  | Void  |         |               |  |  |             |
| 8.2.2.17  | RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|           |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.2.18  | RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success (Cell re-selection)                       | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|           |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.2.19  | RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)                     | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |  |             |
| 8.2.2.20  | Void  |         |               |  |  |             |
| 8.2.2.21  | Void  |         |               |  |  |             |
| 8.2.2.22  | Void  |         |               |  |  |             |
| 8.2.2.23  | RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_PCH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|           |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.2.24  | Void  |         |               |  |  |             |

| Clause   | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 8.2.2.25 | Void   |         |               |  |                                       |             |
| 8.2.2.26 | RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Incompatible Simultaneous Reconfiguration)                              | R99     | C01           | UEs supporting FDD.  |                                       |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |                                       |             |
| 8.2.2.27 | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH (Frequency modification): Success  | R99     | C01           | UEs supporting FDD.  |                                       |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |                                       |             |
| 8.2.2.28 | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_FACH (Transport channel type switching with frequency modification): Success | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.2.29 | Void   |         |               |  |                                       |             |
| 8.2.2.30 | Void   |         |               |  |                                       |             |
| 8.2.2.31 | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH (Frequency modification): Success                                       | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.2.32 | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_FACH (Frequency modification): Success                                      | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.2.33 | Void   |         |               |  |                                       |             |
| 8.2.2.34 | Radio Bearer Reconfiguration for transition from CELL_FACH to URA_PCH (Frequency modification): Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.2.35 | Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Successful  | R99     | C358          | UEs supporting FDD and supporting PS bearer service and secondary PDP context activation.                            | 1 Execution: PS                       |             |

| Clause    | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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|           | channel switching with multiple PS RABs established  | R99     | C364          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service and secondary PDP context activation. |                                       |             |
| 8.2.2.36  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start and stop of HS-DSCH reception)   | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH  | 1 Execution: PS                       |             |
|           |  |         | C443<br>C465  | UEs supporting 1.28 Mcps TDD option and HS-PDSCH<br>UEs supporting TDD and HS-PDSCH  |                                       |             |
| 8.2.2.36a | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start and stop of HS-DSCH reception) (TDD only)  | Rel-5   | C443          | UEs supporting 1.28 Mcps TDD option and HS-PDSCH   | 1 Execution: PS                       |             |
| 8.2.2.36b | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success ( (inter-band frequency hard handover, Start and stop of HS-DSCH reception, LCR TDD band a-f))  | Rel-7   | C793          | UEs supporting LCR TDD and HS-PDSCH and multiple TDD frequency bands simultaneously.   | 1 Execution: PS                       |             |
| 8.2.2.36c | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success ( Start and stop of HS-DSCH reception)( In a different frequency band)                          | Rel-7   | C840          | UEs supporting LCR TDD and HS-PDSCH and multiple frequency operation. and multiple TDD frequency bands simultaneously                                      | 1 Execution: PS                       |             |
| 8.2.2.37  | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and from CELL_DCH to CELL_FACH: Success (start and stop of HS-DSCH reception)                           | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH  |                                       |             |
|           |  |         | C443<br>C465  | UEs supporting TDD and HS-PDSCH<br>UEs supporting TDD and HS-PDSCH   |                                       |             |
| 8.2.2.38  | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (with active HS-DSCH reception)  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH  | 1 Execution: PS                       |             |
|           |  |         | C443          | UEs supporting TDD and HS-PDSCH  |                                       |             |
| 8.2.2.39  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, start and stop of HS-DSCH reception) | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH  | 1 Execution: PS                       |             |
|           |  |         | C443          | UEs supporting TDD and HS-PDSCH  |                                       |             |
| 8.2.2.40  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_FACH and from CELL_FACH to CELL_DCH: Success (frequency modification, start and stop of HS-DSCH reception)   | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH  | 1 Execution: PS                       |             |
|           |  |         | C443          | UEs supporting TDD and HS-PDSCH  |                                       |             |

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|-----------|--|------------|---------------|--|--|-------------|
| 8.2.2.41  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (start and stop of HS-DSCH reception, during an active CS bearer)   | Rel-5      | C393          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data and HS-PDSCH.  | 1 Execution: CS+PS   |             |
|           |  |            | C451          | UEs supporting TDD and PS domain services and CS domain services and HS-PDSCH.   |  |             |
| 8.2.2.42  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, start and stop of HS-DSCH reception, during an active CS bearer) | Rel-5      | C393          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data and HS-PDSCH.  | 1 Execution: CS+PS   |             |
|           |  |            | C451          | UEs supporting TDD and PS domain services and CS domain services and HS-PDSCH.   |  |             |
| 8.2.2.43  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Seamless SRNS relocation, without pending of ciphering, frequency modification)  | R99        | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.2.2.43a | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Seamless SRNS relocation, UEA2/UIA2, without pending of ciphering, frequency modification)                                 | Rel-7      | C659          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and supporting UEA2/UIA2.<br><br>Note:<br>For UEs for which test case 8.2.2.43a is applicable then test case 8.2.2.43 is optional (8.2.2.43 considered implicitly covered by 8.2.2.43a). | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.2.2.43b | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Seamless SRNS relocation, change of ciphering and integrity protection algorithms, frequency modification)                 | Rel-7      | C659          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and supporting UEA2/UIA2   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.2.2.44  | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (With active E-DCH transmission)   | Rel-6 only | C564          | UEs supporting FDD and HS-PDSCH and E-DPDCH  | 1 Execution: PS  |             |
|           |  | Rel-7      | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH   |  |             |
|           |  |            | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH  |  |             |
| 8.2.2.44a | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (With active E-DCH transmission, F-DPCH configured)  | Rel-6      | C560          | UEs supporting FDD and HS-PDSCH and E-DPDCH and fully supporting F-DPCH  | 1 Execution: PS  |             |
| 8.2.2.45  | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and CELL_DCH to CELL_FACH: Success (start and stop of E-DCH transmission)   | Rel-6      | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH  | 1 Execution: PS  |             |
|           |  | Rel-7      | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH  |  |             |



| Clause    | Title  | Release    | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 8.2.2.45a | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and CELL_DCH to CELL_FACH: Success (start and stop of E-DCH transmission, in the multi-frequency network environment, for 1.28Mcps TDD only)                        | Rel-7      | C842          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and multiple frequency operation   | 1 Execution: PS                       |             |
| 8.2.2.46  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (hard handover to another frequency, start and stop of E-DCH transmission)  | Rel-6      | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH  | 1 Execution: PS                       |             |
|           |  | Rel-7      | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH       |                                       |             |
|           |  |            | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH                                    |                                       |             |
| 8.2.2.46a | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH Success (inter-band frequency hard handover, start and stop of E-DCH transmission, LCR TDD band a-f)   | Rel-7      | C843          | UEs supporting 1.28Mcps TDD and E-PUCH and multiple TDD frequency bands simultaneously | 1 Execution: PS                       |             |
| 8.2.2.47  | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and CELL_DCH to CELL_FACH: Success (frequency modification, start and stop of E-DCH transmission)   | Rel-6 only | C564          | UEs supporting FDD and HS-PDSCH and E-DPDCH  | 1 Execution: PS                       |             |
|           |  | Rel-7      | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH       |                                       |             |
|           |  |            | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH                                    |                                       |             |
| 8.2.2.47a | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and CELL_DCH to CELL_FACH: Success (frequency modification, start and stop of E-DCH transmission, F_DPCH configured)  | Rel-6      | C560          | UEs supporting FDD and HS-PDSCH and E-DPDCH and fully supporting F-DPCH                | 1 Execution: PS                       |             |
| 8.2.2.47b | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and CELL_DCH to CELL_FACH: Success (frequency modification in the multi-frequency network environment, start and stop of E-DCH transmission, for 1.28Mcps TDD only) | Rel-7      | C842          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and multiple frequency operation   | 1 Execution: PS                       |             |
| 8.2.2.48  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start and stop of E-DCH transmission)  | Rel-6      | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH  | 1 Execution: PS                       |             |
|           |  | Rel-7      | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH       |                                       |             |
|           |  |            | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH                                    |                                       |             |

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| 8.2.2.49  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_PCH: Success (stop of E-DCH transmission)  | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH                                      | 1 Execution: PS                       |             |
|           |  | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH |                                       |             |
|           |  |         | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH                              |                                       |             |
| 8.2.2.50  | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (from speech to speech plus PS data with modification of downlink spreading factor)  | Rel-5   | C595          | UEs supporting FDD and PS domain services and speech.                            | 1 Execution: CS+PS                    |             |
| 8.2.2.51  | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (With active discontinuous uplink transmission)  | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 8.2.2.52  | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and CELL_DCH to CELL_FACH: Success (start and stop of discontinuous uplink transmission)  | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 8.2.2.53  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (hard handover to another frequency, start and stop of discontinuous uplink transmission)                                 | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 8.2.2.54  | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and CELL_DCH to CELL_FACH: Success (frequency modification, start and stop of discontinuous uplink transmission)                  | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 8.2.2.55  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start and stop of discontinuous uplink transmission)   | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 8.2.2.56  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_PCH: Success (stop of discontinuous uplink transmission)   | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 8.2.2.57  | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Reconfiguration between fixed and flexible AM RLC, Serving HS-DSCH cell change between MAC-hs and MAC-ehs)                              | Rel-7   | C660          | UEs supporting FDD and MAC-ehs and fully supporting F-DPCH.                      | 1 Execution: PS                       |             |
|           |  | Rel-9   | C728          | UEs supporting 1.28Mcps TDD and MAC-i/is   |                                       |             |
| 8.2.2.57a | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Reconfiguration between fixed and flexible AM RLC, Serving HS-DSCH cell change between MAC-hs and MAC-ehs) with SRB mapped on E-DCH/DCH | Rel-7   | C578          | UEs supporting FDD and MAC-ehs   | 1 Execution: PS                       |             |

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| 8.2.2.58  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Reconfigurations between CS voice over DCH and CS voice over HSPA)  | Rel-7   | C592          | UEs supporting FDD and CS Voice over HSPA<br><br>Note: CS Voice over HSPA is an optional Rel-8 feature that may be implemented in Rel-7 UEs.   | 1 Execution: CS                       |             |
| 8.2.2.59  | Radio Bearer Reconfiguration from Cell FACH ( Cell supporting HS-DSCH in Cell FACH) to CELL_FACH( Cell not supporting HS-DSCH in Cell FACH): Success (Cell re-selection)  | Rel-7   | C591          | UEs supporting FDD and HS-PDSCH in CELL_FACH   | 1 Execution: PS                       |             |
| 8.2.2.59a | Radio Bearer Reconfiguration from Cell FACH ( Cell supporting E-DCH and HS-DSCH in Cell FACH) to CELL_FACH( Cell not supporting E-DCH and HS-DSCH in Cell FACH): Success (Cell re-selection)(1.28Mcps TDD only) | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH  | 1 Execution: PS                       |             |
| 8.2.2.60  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_FACH and CELL_FACH to CELL_DCH: Success (with HS-DSCH reception in Enhanced FACH DL)  | Rel-7   | C877          | UEs supporting FDD and HS-PDSCH in CELL_FACH and fully supporting F-DPCH.  | 1 Execution: PS                       |             |
| 8.2.2.60a | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_FACH and CELL_FACH to CELL_DCH: Success (with ongoing E-DCH transmission and HS-DSCH reception) (1.28Mcps TDD only)                           | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH  | 1 Execution: PS                       |             |
| 8.2.2.61  | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Reconfiguration between fixed and flexible AM RLC, Serving E-DCH cell change between MAC-e/es and MAC-i/is)                                    | Rel-8   | C638          | UEs supporting FDD and MAC-i/is  | 1 Execution: PS                       |             |
|           |   | Rel-9   | C728          | UEs supporting 1.28Mcps TDD and MAC-i/is   |                                       |             |
| 8.2.2.62  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (activation and deactivation of MIMO)  | Rel-7   | C648          | UE supporting FDD and MAC-ehs and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20) | 1 Execution: PS                       |             |
| 8.2.2.63  | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (activation and de-activation of 64QAM)   | Rel-7   | C654          | UEs supporting FDD and MAC-ehs and fully supporting F-DPCH and (FDD HS-DSCH category 13 or FDD HS-DSCH category 14 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18)                          | 1 Execution: PS                       |             |
| 8.2.2.63a | Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH with SRBs on E-DCH/DCH: Success (activation and de-activation of 64QAM)  | Rel-7   | C784          | UEs supporting FDD and MAC-ehs and (FDD HS-DSCH category 13 or FDD HS-DSCH category 14 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18)  | 1 Execution: PS                       |             |

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| 8.2.2.64  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (simultaneous activation and deactivation of 64QAM and MIMO)                                   | Rel-8   | C663          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 19 or FDD HS-DSCH category 20)   | 1 Execution: PS                       |             |
| 8.2.2.65  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_FACH (Enhanced UL/DL) Success   | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH   | 1 Execution: PS                       |             |
| 8.2.2.66  | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and CELL_DCH to CELL_FACH: Success (start and stop of SPS operation)                                   | Rel-9   | C729          | UEs supporting TDD and SPS operation  | 1 Execution: PS                       |             |
| 8.2.2.67  | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH and CELL_DCH to CELL_FACH: Success (start and stop of Control Channel DRX operation)                   | Rel-9   | C730          | UEs supporting TDD and Control Channel DRX operation  | 1 Execution: PS                       |             |
| 8.2.2.68  | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Success (simultaneous activation and deactivation of Dual-Cell and MIMO)                            | Rel-9   | C791          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 25 or FDD HS-DSCH category 26 or FDD HS-DSCH category 27 or FDD HS-DSCH category 28 )  | 1 Execution: PS                       |             |
| 8.2.2.68a | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Success (simultaneous activation and deactivation of Dual-Cell for different bands and MIMO)        | Rel-10  | C791a         | UEs supporting FDD and Support of dual band operation and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 25 or FDD HS-DSCH category 26 or FDD HS-DSCH category 27 or FDD HS-DSCH category 28 )                   | 1 Execution: PS                       |             |
| 8.2.2.69  | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Success (simultaneous activation and deactivation of Dual-Cell, MIMO and 64QAM)                     | Rel-9   | C808          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 27 or FDD HS-DSCH category 28)   | 1 Execution: PS                       |             |
| 8.2.2.69a | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Success (simultaneous activation and deactivation of Dual-Cell for different bands, MIMO and 64QAM) | Rel-10  | C808a         | UEs supporting FDD and Support of dual band operation and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 27 or FDD HS-DSCH category 28)  | 1 Execution: PS                       |             |
| 8.2.2.70  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH with PCI Restrictions and S-CPICH Power Offset IEs: Success (64QAM +MIMO)                               | Rel-8   | C663          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 19 or FDD HS-DSCH category 20)   | 1 Execution: PS                       |             |
| 8.2.2.71  | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH with PCI Restrictions and S-CPICH Power Offset IEs: Success (16QAM +MIMO)                               | Rel-7   | C648          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20) | 1 Execution: PS                       |             |

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| 8.2.2.72   | Radio Bearer Reconfiguration for S-CPICH based MIMO with DPCH in STTD (16QAM+MIMO)  | Rel-7   | C648          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20) | 1 Execution: PS                       |             |
| 8.2.2.74   | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Success Activation and Deactivation of Dual-Cell for different band.                    | Rel-9   | C814          | UEs supporting FDD and Support of dual band operation and (F-DPCH or Enhanced F-DPCH) and Dual Cell Operation   | 1 Execution: PS                       |             |
| 8.2.2.75   | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Success Activation and Deactivation of Dual-Cell for different bands and 64QAM.         | Rel-9   | C815          | UEs supporting FDD and Support of dual band operation and (F-DPCH or Enhanced F-DPCH) and Dual Cell Operation and (FDD HS-DSCH category 23 or FDD HS-DSCH category 24)  | 1 Execution: PS                       |             |
| 8.2.2.76   | Radio Bearer Reconfiguration for transition between CELL_FACH and CELL_DCH: Success (start and stop Dual-Cell HSUPA (QPSK) and Dual-Cell HSDPA (16QAM) operation) | Rel-9   | C822          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and Dual Cell Operation and (FDD E.DCH category 8 or 9)  | 1 Execution: PS                       |             |
| 8.2.2.77   | Radio Bearer Reconfiguration for transition between CELL_FACH and CELL_DCH: Success (Dual-Cell HSUPA (QPSK) and Dual-Cell HSDPA (64QAM))                          | Rel-9   | C823          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and Dual Cell Operation and (FDD HS-DSCH category 23 or 24) and (FDD E.DCH category 8 or 9)  | 1 Execution: PS                       |             |
| 8.2.2.78   | Radio Bearer Reconfiguration for transition between CELL_FACH and CELL_DCH: Success (Dual-Cell HSUPA 16QAM) and Dual-Cell HSDPA (16QAM))                          | Rel-9   | C822a         | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and Dual Cell Operation and FDD E.DCH category 9   | 1 Execution: PS                       |             |
| 8.2.2.79.1 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 3C-HSDPA Single Band, 64 QAM and MIMO         | Rel-10  | C852          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 30 or FDD HS-DSCH category 32) and Single band Carrier Combination (3)   | 1 Execution: PS                       |             |
| 8.2.2.79.2 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 3C-HSDPA Dual Bands, 64 QAM and MIMO (1-2)    | Rel-10  | C858          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 30 or FDD HS-DSCH category 32) (Dual band Carrier Combination (1,2))   | 1 Execution: PS                       |             |
| 8.2.2.79.3 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 3C-HSDPA Dual Bands, 64 QAM and MIMO (2-1)    | Rel-10  | C859          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 30 or FDD HS-DSCH category 32) (Dual band Carrier Combination (2,1))   | 1 Execution: PS                       |             |
| 8.2.2.79.4 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 4C-HSDPA Dual Bands, 64 QAM and MIMO (3-1)    | Rel-10  | C856          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and ( FDD HS-DSCH category 32) (Dual band Carrier Combination (3.1))   | 1 Execution: PS                       |             |

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| 8.2.2.79.5 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 4C-HSDPA Dual Bands, 64 QAM and MIMO (2-2) | Rel-10  | C857          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 32) (Dual band Carrier Combination (2,2))  | 1 Execution: PS                       |             |
| 8.2.2.80.1 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 3C-HSDPA and for Single Band and 64 QAM    | Rel-10  | C851          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Single band Carrier Combination (3)   | 1 Execution: PS                       |             |
| 8.2.2.80.2 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 3C-HSDPA for Dual Band and 64 QAM (1-2)    | Rel-10  | C860          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and (Dual band Carrier Combination (1,2)) | 1 Execution: PS                       |             |
| 8.2.2.80.3 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 3C-HSDPA for Dual Band and 64 QAM (2-1)    | Rel-10  | C861          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and (Dual band Carrier Combination (2,1)) | 1 Execution: PS                       |             |
| 8.2.2.80.4 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 4C-HSDPA for Dual Bands and 64 QAM (3-1)   | Rel-10  | C862          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) (Dual band Carrier Combination (3.1))   | 1 Execution: PS                       |             |
| 8.2.2.80.5 | Radio Bearer Reconfiguration for transition between CELL_FACH & CELL_DCH: Successful Activation and Deactivation of 4C-HSDPA for Dual Bands and 64 QAM (2-2)   | Rel-10  | C863          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) (Dual band Carrier Combination (2,2))   | 1 Execution: PS                       |             |
| 8.2.2.81.1 | Radio Bearer Reconfiguration: 3C Activation by Serving Cell Change from non 3C-HSDPA capable cell to 3C-HSDPA capable cell/Single Band                         | Rel-10  | C851a         | UEs supporting FDD and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Single band Carrier Combination (3)                                   | 1 Execution: PS                       |             |
| 8.2.2.81.2 | Radio Bearer Reconfiguration: 3C Activation by Serving Cell Change from non 3C-HSDPA capable cell to 3C-HSDPA capable cell/Dual Band (1-2)                     | Rel-10  | C860a         | UEs supporting FDD and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (1,2)                                   | 1 Execution: PS                       |             |

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| 8.2.2.81.3 | Radio Bearer Reconfiguration: 3C Activation by Serving Cell Change from non 3C-HSDPA capable cell to 3C-HSDPA capable cell/Dual Band (2-1)                                  | Rel-10  | C861a         | UEs supporting FDD and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (2,1)                                 | 1 Execution: PS                       |             |
| 8.2.2.81.4 | Radio Bearer Reconfiguration: 4C Activation by Serving Cell Change from non 4C-HSDPA capable cell to 4C-HSDPA capable cell/Dual Band (3-1)                                  | Rel-10  | C862a         | UEs supporting FDD and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (3,1)   | 1 Execution: PS                       |             |
| 8.2.2.81.5 | Radio Bearer Reconfiguration: 4C Activation by Serving Cell Change from non 4C-HSDPA capable cell to 4C-HSDPA capable cell/Dual Band (2-2)                                  | Rel-10  | C863a         | UEs supporting FDD and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (2,2)   | 1 Execution: PS                       |             |
| 8.2.2.82.1 | Radio Bearer Reconfiguration: 3C Deactivation by Serving Cell Change from 3C-HSDPA capable cell to a non 3C-HSDPA capable cell/Single Band                                  | Rel-10  | C851          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Single band Carrier Combination (3) | 1 Execution: PS                       |             |
| 8.2.2.82.2 | Radio Bearer Reconfiguration: 3C Deactivation by Serving Cell Change from 3C-HSDPA capable cell to a non 3C-HSDPA capable cell/Dual Band (1-2)                              | Rel-10  | C860          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (1,2) | 1 Execution: PS                       |             |
| 8.2.2.82.3 | Radio Bearer Reconfiguration: 3C Deactivation by Serving Cell Change from 3C-HSDPA capable cell to a non 3C-HSDPA capable cell/Dual Band (2-1)                              | Rel-10  | C861          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (2,1) | 1 Execution: PS                       |             |
| 8.2.2.82.4 | Radio Bearer Reconfiguration: 4C Deactivation by Serving Cell Change from 4C-HSDPA capable cell to a non 4C-HSDPA capable cell/Dual Band (3-1)                              | Rel-10  | C862          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (3,1)   | 1 Execution: PS                       |             |
| 8.2.2.82.5 | Radio Bearer Reconfiguration: 4C Deactivation by Serving Cell Change from 4C-HSDPA capable cell to a non 4C-HSDPA capable cell/Dual Band (2-2)                              | Rel-10  | C863          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Dual band carrier combination (2,2)   | 1 Execution: PS                       |             |
| 8.2.2.83.1 | Radio Bearer Reconfiguration for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of 3C-HSDPA /Single Band and 64 QAM | Rel-10  | C851a         | UEs supporting FDD and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Single band Carrier Combination (3)                                 | 1 Execution: PS                       |             |

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| 8.2.2.83.2 | Radio Bearer Reconfiguration for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of 3C-HSDPA /Dual band and 64 QAM (1-2)   | Rel-10  | C860a         | UEs supporting FDD and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and (Dual band Carrier Combination (1,2)) | 1 Execution: PS                       |             |
| 8.2.2.83.3 | Radio Bearer Reconfiguration for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of 3C-HSDPA /Dual band and 64 QAM (2-1)   | Rel-10  | C861a         | UEs supporting FDD and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and (Dual band Carrier Combination (2,1)) | 1 Execution: PS                       |             |
| 8.2.2.83.4 | Radio Bearer Reconfiguration for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of 4C-HSDPA/Dual Band and 64 QAM (3-1)  | Rel-10  | C862a         | UEs supporting FDD and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) (Dual band Carrier Combination (3.1))   | 1 Execution: PS                       |             |
| 8.2.2.83.5 | Radio Bearer Reconfiguration for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of 4C-HSDPA/Dual Band and 64 QAM (2-2)  | Rel-10  | C863a         | UEs supporting FDD and (FDD HS-DSCH category 31 or FDD HS-DSCH category 32) (Dual band Carrier Combination (2,2))   | 1 Execution: PS                       |             |
| 8.2.2.84   | RRC Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH and from CELL_DCH to CELL_FACH: Success (Seamless SRNS relocation, without pending of ciphering, frequency modification, Default radio configuration for Cell_FACH) | Rel-9   | C01           | UEs supporting FDD  | 1 Execution: PS                       |             |
| 8.2.2.85.1 | Radio Bearer Reconfiguration for transition between CELL_FACH and CELL_DCH: Successful Activation and Deactivation of 2cell/Single frequency on Single Band, intra-NodeB, 16 QAM  | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA and Single Band – Single Frequency and Dual Cell combination (SB-SF-DC)  | 1 Execution: PS                       |             |
| 8.2.2.85.2 | Radio Bearer Reconfiguration for transition between CELL_FACH and CELL_DCH: Successful Activation and Deactivation of 3cell/two frequency on Dual Bands, inter-NodeB, 16 QAM  | Rel-11  | C916          | UEs supporting FDD and Multiflow HSDPA and Dual Band – Dual Frequency and Three Cell combination (DB-DF-3C)   | 1 Execution: PS                       |             |



| Clause     | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|------------|--|---------|---------------|--|---------------------------------------|-------------|
| 8.2.2.86.1 | Radio Bearer Reconfiguration for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of two cell/Single frequency Multiflow HSDPA / Single Band | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA and Single Band – Single Frequency and Dual Cell combination (SB-SF-DC) | 1 Execution: PS                       |             |
| 8.2.2.86.2 | Radio Bearer Reconfiguration for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of three cell/Two frequency Multiflow HSDPA / Single Band  | Rel-11  | C915          | UEs supporting FDD and Multiflow HSDPA and Single Band – Dual Frequency and Three Cell combination (SB-DF-3C)  | 1 Execution: PS                       |             |
| 8.2.2.86.3 | Radio Bearer Reconfiguration for transition between CELL_DCH & CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of three cell/Two frequency Multiflow HSDPA / Dual Band    | Rel-11  | C916          | UEs supporting FDD and Multiflow HSDPA and Dual Band – Dual Frequency and Three Cell combination (DB-DF-3C)    | 1 Execution: PS                       |             |
| 8.2.2.87.1 | Radio Bearer Reconfiguration: two cell/single frequency Activation by Assisting Serving Cell Change from Multiflow HSDPA capable cell to Multiflow HSDPA capable cell/Single Band                  | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA and Single Band – Single Frequency and Dual Cell combination (SB-SF-DC) | 1 Execution: PS                       |             |
| 8.2.2.87.2 | Radio Bearer Reconfiguration: 3 cell/two frequencies Activation by Assisting Serving Cell Change from Multiflow capable cell to Multiflow capable cell/Single Band                                 | Rel-11  | C915          | UEs supporting FDD and Multiflow HSDPA and Single Band – Dual Frequency and Three Cell combination (SB-DF-3C)  | 1 Execution: PS                       |             |
| 8.2.2.87.3 | Radio Bearer Reconfiguration: 3 cell/two frequencies Activation by Assisting Serving Cell Change from Multiflow capable cell to Multiflow capable cell/Dual Band                                   | Rel-11  | C916          | UEs supporting FDD and Multiflow HSDPA and Dual Band – Dual Frequency and Three Cell combination (DB-DF-3C)    | 1 Execution: PS                       |             |
| 8.2.2.88.1 | Radio Bearer Reconfiguration for transition between CELL_PCH and CELL_DCH with SRBs mapped on DCH: Successful Activation of two cell/Single frequency Multiflow HSDPA /Single Band                 | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA and Single Band – Single Frequency and Dual Cell combination (SB-SF-DC) | 1 Execution: PS                       |             |
| 8.2.2.88.2 | Radio Bearer Reconfiguration for transition between CELL_PCH and CELL_DCH with SRBs mapped on DCH: Successful Activation of three cell/Two frequency Multiflow HSDPA /Single Band                  | Rel-11  | C915          | UEs supporting FDD and Multiflow HSDPA and Single Band – Dual Frequency and Three Cell combination (SB-DF-3C)  | 1 Execution: PS                       |             |
| 8.2.2.88.3 | Radio Bearer Reconfiguration for transition between CELL_PCH and CELL_DCH with SRBs mapped on DCH: Successful Activation of three cell/Two frequency Multiflow HSDPA /Dual Bands                   | Rel-11  | C916          | UEs supporting FDD and Multiflow HSDPA and Dual Band – Dual Frequency and Three Cell combination (DB-DF-3C)    | 1 Execution: PS                       |             |
| 8.2.2.89   | Void   |         |               |  |                                       |             |
| 8.2.2.90   | Void   |         |               |  |                                       |             |
| 8.2.2.91   | Radio Bearer Reconfiguration for transition to CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of DCH Enhancement in Basic Mode   | Rel-12  | C917          | UEs supporting DCH Enhancement in Basic Mode   | 1 Execution: CS                       |             |

| Clause   | Title   | Release | Applicability | Comments   | Number of TC Executions (informative)                                  | Release RAT |
|----------|---|---------|---------------|--|--|-------------|
| 8.2.2.92 | Radio Bearer Reconfiguration for transition to CELL_DCH with SRBs mapped on DCH: Successful Activation and Deactivation of DCH Enhancement in Full Mode | Rel-12  | C918          | UEs supporting DCH Enhancement in Full Mode  | 1 Execution: CS  |             |
| 8.2.3.1  | RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS (only if CS call establishment is supported), PS |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |  |             |
| 8.2.3.1a | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (TDD Only)   | Rel-8   | C03           | UEs supporting 1.28Mcps TDD  | 1 or 2 Executions: CS, PS  |             |
| 8.2.3.2  | Void  |         |               |  |  |             |
| 8.2.3.3  | Void  |         |               |  |  |             |
| 8.2.3.4  | Void  |         |               |  |  |             |
| 8.2.3.5  | Void  |         |               |  |  |             |
| 8.2.3.6  | Void  |         |               |  |  |             |
| 8.2.3.7  | RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.3.8  | RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.3.9  | RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.3.10 | Void  |         |               |  |  |             |
| 8.2.3.11 | RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and successful reversion to old configuration)  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.2.3.12 | Void  |         |               |  |  |             |
| 8.2.3.13 | Void  |         |               |  |  |             |
| 8.2.3.14 | Void  |         |               |  |  |             |
| 8.2.3.15 | RRC / Radio Bearer Release for transition from CELL_FACH to CELL_FACH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |

| Clause   | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|----------|---|---------|---------------|--|---------------------------------------|-------------|
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.3.16 | RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Subsequently received)  | R99     | C01           | UEs supporting FDD.  |                                       |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |                                       |             |
| 8.2.3.17 | RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success (Subsequently received) | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.3.18 | RRC / Radio Bearer Release from CELL_DCH to CELL_PCH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.3.19 | RRC / Radio Bearer Release from CELL_DCH to URA_PCH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|--|---------------------------------------|-------------|
| 8.2.3.20  | RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH (Frequency modification): Success  | R99     | C01           | UEs supporting FDD.  |                                       |             |
| 8.2.3.21  | RRC / Radio Bearer Release from CELL_DCH to CELL_PCH (Frequency modification): Success  | R99     | C01           | UEs supporting FDD.  |                                       |             |
| 8.2.3.22  | Radio Bearer Release for transition from CELL_FACH to CELL_PCH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
| 8.2.3.23  | Radio Bearer Release for transition from CELL_FACH to URA_PCH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
| 8.2.3.24  | Radio Bearer Release for transition from CELL_DCH to CELL_DCH (Frequency modification): Success   | R99     | C01           | UEs supporting FDD   |                                       |             |
| 8.2.3.25  | Radio Bearer Release for transition from CELL_DCH to URA_PCH (Frequency modification): Success  | R99     | C01           | UEs supporting FDD.  |                                       |             |
| 8.2.3.26  | Radio Bearer Release for transition from CELL_FACH to CELL_PCH (Frequency modification): Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
| 8.2.3.27  | Radio Bearer Release for transition from CELL_FACH to URA_PCH (Frequency modification): Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
| 8.2.3.28  | Radio Bearer Release for transition from CELL_FACH to CELL_FACH (Frequency modification): Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
| 8.2.3.29  | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Associated with signalling connection release during simultaneous PS and CS call | R99     | C594          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data              | 1 Execution: CS+PS                    |             |
| 8.2.3.30  | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (stop of HS-DSCH reception)  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH  | 1 Execution: PS                       |             |
|           |   |         | C443          | UEs supporting TDD and HS-PDSCH  |                                       |             |
|           |   |         | C465          | UEs supporting TDD and HS-PDSCH  |                                       |             |
| 8.2.3.30a | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (stop of HS-DSCH reception) ( In a different frequency band)             | Rel-7   | C793          | UEs supporting LCR TDD and HS-PDSCH and multiple TDD frequency bands simultaneously.                         | 1 Execution: PS                       |             |
| 8.2.3.31  | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (With active HS-DSCH reception)  | Rel-5   | C393          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data and HS-PDSCH | 1 Execution: CS+PS                    |             |
|           |   |         | C451          | UEs supporting TDD and PS domain services and CS domain services and HS-PDSCH.                               |                                       |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|---|---------------------------------------|-------------|
| 8.2.3.31a | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (With active HS-DSCH reception) (TDD only)  | Rel-5   | C451          | UEs supporting 1.28Mcps TDD and PS domain services and CS domain services and HS-PDSCH.                       | 1 Execution: CS+PS                    |             |
| 8.2.3.32  | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, with active HS-DSCH reception)                               | Rel-5   | C393          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data and HS-PDSCH. | 1 Execution: CS+PS                    |             |
|           |  |         | C451          | UEs supporting TDD and PS domain services and CS domain services and HS-PDSCH.                                |                                       |             |
| 8.2.3.33  | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (stop of HS-DSCH reception with frequency modification)   | Rel-5   | C393          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data and HS-PDSCH. | 1 Execution: CS+PS                    |             |
|           |  |         | C451          | UEs supporting TDD and PS domain services and CS domain services and HS-PDSCH.                                |                                       |             |
| 8.2.3.34  | Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success (stop of HS-DSCH reception with frequency modification)  | Rel-5   | C393          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data and HS-PDSCH  | 1 Execution: CS+PS                    |             |
|           |  |         | C443          | UEs supporting TDD and HS-PDSCH   |                                       |             |
| 8.2.3.35  | Radio Bearer Release for transition from CELL_DCH to CELL_PCH: Success (stop of HS-DSCH reception)   | Rel-5   | C393          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data and HS-PDSCH. | 1 Execution: CS+PS                    |             |
|           |  |         | C451          | UEs supporting TDD and PS domain services and CS domain services and HS-PDSCH.                                |                                       |             |
| 8.2.3.36  | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (frequency modification, stop of E-DCH transmission)  | Rel-6   | C463          | UEs supporting FDD and PS domain services and speech and HS-PDSCH and E-DPDCH                                 | 1 Execution: CS+PS                    |             |
|           |  | Rel-7   | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 8.2.3.36a | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (frequency modification, stop of E-DCH transmission, in the multi-frequency network environment, for 1.28Mcps TDD only) | Rel-7   | C842          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and multiple frequency operation                          | 1 Execution: PS                       |             |
| 8.2.3.37  | Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (frequency modification, stop of discontinuous uplink transmission)   | Rel-7   | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |

| Clause   | Title   | Release | Applicability | Comments   | Number of TC Executions (informative)   | Release RAT |
|----------|---|---------|---------------|--|---|-------------|
| 8.2.4.1  | RRC / Transport channel reconfiguration (Timing re- initialised hard handover with transmission rate modification) from CELL_DCH to CELL_DCH (Hard handover to same radio frequency): Success | R99     | C483          | UEs supporting FDD and reference radio bearer configuration<br>"Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" and "Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" or "Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" and "Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH". | 1 or 2 Executions: CS (if all the required CS bearers are supported), PS (if all the required PS bearers are supported) |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |   |             |
| 8.2.4.1a | RRC / Transport channel reconfiguration (Transmission Rate Modification) from CELL_DCH to CELL_DCH of the same cell: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS   |             |
| 8.2.4.2  | Void  |         |               |  |   |             |
| 8.2.4.3  | RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS  |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |   |             |
| 8.2.4.4  | RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS  |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.   |   |             |
| 8.2.4.4a | Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and cell reselection) (1.28 Mcps TDD Only)   | R99     | C02           | UEs supporting 1.28 Mcps TDD option  | 1 or 2 Executions: CS, PS   |             |
| 8.2.4.5  | Void  |         |               |  |   |             |
| 8.2.4.6  | Void  |         |               |  |   |             |
| 8.2.4.7  | Void  |         |               |  |   |             |
| 8.2.4.8  | Void  |         |               |  |   |             |
| 8.2.4.9  | Void  |         |               |  |   |             |
| 8.2.4.10 | RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS   |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service   |   |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|---|---------------------------------------|-------------|
| 8.2.4.10a | Transport channel reconfiguration from CELL_FACH to CELL_DCH: Success(1.28 Mcps TDD Only)   | R99     | C52           | UEs supporting 1.28 Mcps TDD option   | 1 Execution: PS                       |             |
| 8.2.4.11  | Void  |         |               |   |                                       |             |
| 8.2.4.12  | Void  |         |               |   |                                       |             |
| 8.2.4.13  | Void  |         |               |   |                                       |             |
| 8.2.4.14  | Void  |         |               |   |                                       |             |
| 8.2.4.15  | Void  |         |               |   |                                       |             |
| 8.2.4.16  | Void  |         |               |   |                                       |             |
| 8.2.4.17  | Void  |         |               |   |                                       |             |
| 8.2.4.18  | RRC / Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)  | R99     | C01           | UEs supporting FDD.   |                                       |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option   |                                       |             |
| 8.2.4.19  | RRC / Transport Channel Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)   | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |                                       |             |
|           |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service  |                                       |             |
| 8.2.4.20  | Void  |         |               |   |                                       |             |
| 8.2.4.21  | Void  |         |               |   |                                       |             |
| 8.2.4.22  | Void  |         |               |   |                                       |             |
| 8.2.4.23  | Void  |         |               |   |                                       |             |
| 8.2.4.24  | RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Success with uplink transmission rate modification   | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |                                       |             |
| 8.2.4.25  | RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH (Frequency modification): Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |                                       |             |
| 8.2.4.26  | Void  |         |               |   |                                       |             |
| 8.2.4.27  | Void  |         |               |   |                                       |             |
| 8.2.4.28  | Void  |         |               |   |                                       |             |
| 8.2.4.29  | Transport Channel Reconfiguration for transition from CELL_DCH to CELL_DCH (Frequency modification): Success  | R99     | C01           | UEs supporting FDD.   |                                       |             |
| 8.2.4.30  | Void  |         |               |   |                                       |             |
| 8.2.4.31  | Void  |         |               |   |                                       |             |
| 8.2.4.32  | Void  |         |               |   |                                       |             |
| 8.2.4.33  | Void  |         |               |   |                                       |             |
| 8.2.4.34  | Void  |         |               |   |                                       |             |
| 8.2.4.35  | Void  |         |               |   |                                       |             |
| 8.2.4.36  | Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (with active HS-DSCH reception, not changing the value of TTI during UL rate modification) | Rel-5   | C374          | UE supporting FDD and HS-PDSCH and Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: PS                       |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative)                                    | Release RAT |
|-----------|---|---------|---------------|--|--|-------------|
|           |   |         | C445          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |  |             |
|           |   |         | C466          | UE supporting TDD and HS-PDSCH and Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  |  |             |
| 8.2.4.36a | Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (with active HS-DSCH reception, not changing the value of TTI during UL rate modification) (TDD)   | Rel-5   | C445          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS  |             |
| 8.2.4.36b | Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (with active HS-DSCH reception, not changing the value of TTI during UL rate modification) ( In a different frequency band)                      | Rel-7   | C844          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH and multiple frequency operation  | 1 Execution: PS  |             |
| 8.2.4.36c | Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (inter-band frequency hard handover, with active HS-DSCH reception, not changing the value of TTI during UL rate modification, LCR TDD band a-f) | Rel-7   | C847          | UE supporting LCR TDD and HS-PDSCH and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH and multiple frequency operation and multiple TDD frequency bands simultaneously. | 1 Execution: PS  |             |
| 8.2.5.1   | Void  |         |               |  |  |             |
| 8.2.5.3   | Void  |         |               |  |  |             |
| 8.2.5.4   | RRC / Transport format combination Control in CELL_DCH: Failure (Invalid message reception and invalid configuration)   | R99     | C01           | UEs supporting FDD.  |  |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |
| 8.2.6.1   | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Success  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |
| 8.2.6.1a  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (code modification): Success (1.28 Mcps TDD Only)   | R99     | C02           | UEs supporting 1.28 Mcps TDD option  | 1 or 2 Executions: CS, PS  |             |
| 8.2.6.2   | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Unsupported configuration)  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)  | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option  |  |             |



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| 8.2.6.3  | Void   |         |               |  |                                       |             |
| 8.2.6.4  | Void   |         |               |  |                                       |             |
| 8.2.6.5  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Incompatible simultaneous reconfiguration)           | R99     | C01           | UEs supporting FDD.  |                                       |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |                                       |             |
| 8.2.6.6  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Invalid message reception and invalid configuration) | R99     | C01           | UEs supporting FDD.  |                                       |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |                                       |             |
| 8.2.6.7  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.6.8  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.6.9  | RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.6.9a | Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Success(1.28 Mcps TDD Only)  | Rel-7   | C848          | UEs supporting 1.28 Mcps TDD option and multiple frequency operation   | 1 Execution: PS                       |             |
| 8.2.6.10 | Void   |         |               |  |                                       |             |
| 8.2.6.11 | RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and successful reversion to old configuration)                   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.6.12 | RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and cell update)   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.6.13 | Void   |         |               |  |                                       |             |

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| 8.2.6.14 | RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception and invalid configuration) | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.6.15 | Void  |         |               |  |                                       |             |
| 8.2.6.16 | Void  |         |               |  |                                       |             |
| 8.2.6.17 | RRC / Physical Channel Reconfiguration from CELL_DCH to CELL_DCH (Hard Handover for code modification): Success (Subsequently received)         | R99     | C01           | UEs supporting FDD.  |                                       |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option                                  |                                       |             |
| 8.2.6.18 | RRC / Physical Channel Reconfiguration from CELL_FACH to CELL_DCH: Success ( Subsequently received )  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.6.19 | RRC / Physical channel from CELL_DCH to CELL_PCH: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.6.20 | RRC / Physical channel from CELL_DCH to URA_PCH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.2.6.21 | RRC / Physical channel reconfiguration for transition from CELL_FACH to URA_PCH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
| 8.2.6.22 | Void  |         |               |  |                                       |             |

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| 8.2.6.23  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing maintain): Success              | R99     | C01           | UEs supporting FDD.   |  |             |
| 8.2.6.24  | Void  |         |               |   |  |             |
| 8.2.6.25  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH (Frequency modification): Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.26  | RRC / Physical Channel Reconfiguration from CELL_DCH to CELL_PCH (Frequency modification): Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.27  | RRC / Physical channel reconfiguration from CELL_FACH to CELL_PCH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.28  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Downlink channelisation code modification): Success                            | R99     | C01           | UEs supporting FDD  |  |             |
| 8.2.6.29  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Compressed mode initiation): Success   | R99     | C368          | UEs supporting FDD and requiring inter-frequency uplink or downlink compressed mode.        |  |             |
| 8.2.6.30  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Modify active set cell): Success   | R99     | C01           | UEs supporting FDD  |  |             |
| 8.2.6.31  | RRC / Physical channel reconfiguration transition from CELL_FACH to URA_PCH: Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.32  | RRC / Physical channel reconfiguration for transition from CELL_DCH to URA_PCH (Frequency band modification): Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.33  | RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH (Frequency band modification): Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.34  | RRC / Physical channel reconfiguration from CELL_FACH to CELL_PCH (Frequency band modification): Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.35  | RRC / Physical channel reconfiguration for transition from CELL_FACH to URA_PCH (Frequency band modification): Success  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.36  | Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH with frequency band modification  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.37  | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing re-initialised)                 | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.2.6.37a | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing re-initialised) (1.28 Mcps TDD) | Rel-4   | C03           | UEs supporting 1.28 Mcps TDD (LCR TDD)  | 1 or 2 Executions: CS, PS  |             |

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| 8.2.6.37b | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency band cell with timing re-initialised)  | R99     | C481d         | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and multiple FDD bands simultaneously. | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS  |             |
| 8.2.6.37c | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another band frequency with timing re-initialised) (1.28 Mcps TDD)   | Rel-7   | C726          | UE supporting TDD and multiple TDD bands simultaneously   | 1 or 2 Executions: CS, PS   |             |
| 8.2.6.37d | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with uplink pre-synchronisation) (1.28 Mcps TDD)   | Rel-4   | C03           | UEs supporting 1.28 Mcps TDD (LCR TDD)  | 1 or 2 Executions: CS, PS   |             |
| 8.2.6.37e | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency band cell with uplink pre-synchronisation) (1.28 Mcps TDD)                                   | Rel-4   | C726          | UEs supporting 1.28 Mcps TDD (LCR TDD) and multiple TDD bands simultaneously  | 1 or 2 Executions: CS, PS   |             |
| 8.2.6.38  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing re-initialised): Failure (Physical channel failure and reversion to old channel) | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS  |             |
| 8.2.6.39  | RRC / Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH (without pending of ciphering)   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS+PS ( only if CS speech or transparent data call establishment is supported ) or (CS ( only if CS call establishment is supported ), PS) |             |
| 8.2.6.39a | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (serving HS-DSCH cell change without MAC-hs reset)  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS   |             |
|           |  |         | C443          | UEs supporting TDD and HS-PDSCH   |   |             |
|           |  |         | C465          | UEs supporting TDD and HS-PDSCH   |   |             |
| 8.2.6.39b | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (serving HS-DSCH cell change with MAC-hs reset)   | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS   |             |
|           |  |         | C465          | UEs supporting TDD and HS-PDSCH   |   |             |
| 8.2.6.39c | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (serving HS-DSCH cell change without MAC-hs reset) (TDD)  | Rel-5   | C443          | UEs supporting 1.28Mcps TDD and HS-PDSCH  | 1 Execution: PS   |             |
| 8.2.6.39d | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (serving HS-DSCH cell change with MAC-hs reset) (1.28 Mcps TDD)   | Rel-5   | C443          | UEs supporting 1.28Mcps TDD and HS-PDSCH  | 1 Execution: PS   |             |
| 8.2.6.40  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Two radio links, change of HS-PDSCH configuration)   | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS   |             |

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| 8.2.6.40a | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (change of HS-PDSCH configuration)   | Rel-5   | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.6.41  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, signalling only)  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS  |             |
|           |   |         | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.6.42  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialized hard handover to another frequency, Serving HS-DSCH cell change)  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS  |             |
|           |   |         | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
|           |   |         | C465          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.6.42a | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialized hard handover to another frequency, Serving HS-DSCH cell change) (TDD)  | Rel-7   | C841          | UEs supporting LCR TDD and HS-PDSCH and multiple frequency operation.                       | 1 Execution: PS  |             |
| 8.2.6.43  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Seamless SRNS relocation with pending of ciphering)   | R99     | C01           | UEs supporting FDD.   |  |             |
| 8.2.6.44  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Failure (Radio link failure in new configuration)  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) | 1 or 2 Executions: CS+PS(only if CS speech or transparent data is supported )or (CS(only if CS call establishment is supported), PS) |             |
| 8.2.6.45  | Physical Channel Reconfiguration for transition from CELL_DCH to URA_PCH: Failure (Radio link failure in old configuration)   | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |
| 8.2.6.46  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency with timing re-initialised. Serving HS-DSCH cell change): Failure (Physical channel failure and reversion to old channel) | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH.  | 1 Execution: PS  |             |
|           |   |         | C443          | UEs supporting TDD and HS-PDSCH   |  |             |
|           |   |         | C465          | UEs supporting TDD and HS-PDSCH   |  |             |
| 8.2.6.47  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Compressed mode initiation, with active HS-DSCH reception): Success  | Rel-5   | C385          | UEs supporting FDD and HS-PDSCH and requiring inter-frequency downlink compressed mode.     |  |             |
| 8.2.6.48  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialized hard handover to another frequency, serving HS-DSCH cell change, compressed mode)   | Rel-5   | C385          | UEs supporting FDD and HS-PDSCH and requiring inter-frequency downlink compressed mode.     | 1 Execution: PS  |             |

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| 8.2.6.48a | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialized hard handover to another frequency, serving HS-DSCH cell change, with measurement report) for 3.84Mcps TDD                       | Rel-5   | C465          | UEs supporting TDD and HS-PDSCH   |                                       |             |
| 8.2.6.49  | Physical Channel Reconfiguration for transition from CELL_DCH to URA_PCH: Success (stop of HS-DSCH reception)  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS                       |             |
|           |  |         | C443          | UEs supporting TDD and HS-PDSCH   |                                       |             |
|           |  |         | C465          | UEs supporting TDD and HS-PDSCH   |                                       |             |
| 8.2.6.50  | Physical Channel Reconfiguration for transition from CELL_DCH to URA_PCH: Success (Frequency modification, stop of E-DCH transmission)   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|           |  |         | Rel-7         | C584  |                                       |             |
|           |  |         | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 8.2.6.51  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (serving E-DCH cell change)   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|           |  |         | Rel-7         | C584  |                                       |             |
|           |  |         | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 8.2.6.52  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialized hard handover to another frequency, Serving E-DCH cell change, compressed mode)  | Rel-6   | C560          | UEs supporting FDD and HS-PDSCH and E-DPDCH and fully supporting F-DPCH   | 1 Execution: PS                       |             |
|           |  |         | Rel-7         | C584  |                                       |             |
|           |  |         | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 8.2.6.53  | Void   |         |               |   |                                       |             |
| 8.2.6.54  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Failure (Timing re-initialized hard handover, Serving E-DCH cell change, physical channel failure and reversion to old channel)                                 | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|           |  |         | Rel-7         | C584  |                                       |             |
|           |  |         | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 8.2.6.54a | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Failure (Timing re-initialized hard handover, Serving E-DCH and HS-DSCH cell change with MIMO activated, physical channel failure and reversion to old channel) | Rel-7   | C648          | UE supporting FDD and MAC-e-hs and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20) | 1 Execution: PS                       |             |

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| 8.2.6.54b | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Failure (Timing re-initialized hard handover, Serving E-DCH and HS-DSCH cell change with MIMO and 64QAM activated, physical channel failure and reversion to old channel)                          | Rel-8   | C663          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 19 or FDD HS-DSCH category 20)   | 1 Execution: PS                       |             |
| 8.2.6.54c | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Failure (Timing re-initialized hard handover, Serving E-DCH cell change, physical channel failure and reversion to old channel, in the multi-frequency network environment, for 1.28Mcps TDD only) | Rel-7   | C842          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and multiple frequency operation  | 1 Execution: PS                       |             |
| 8.2.6.55  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start of discontinuous uplink transmission and downlink reception)  | Rel-7   | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |
| 8.2.6.56  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start of HS-SCCH less operation)  | Rel-7   | C580          | UEs supporting FDD and HS-SCCH less operation   | 1 Execution: PS                       |             |
| 8.2.6.57  | Physical Channel Reconfiguration for transition from CELL_DCH to URA_PCH: Success (frequency modification, stop of discontinuous uplink transmission)   | Rel-7   | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |
| 8.2.6.58  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Success (serving E-DCH cell change with discontinuous uplink transmission)   | Rel-7   | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |
| 8.2.6.59  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Timing re-initialized hard handover to another frequency, Serving E-DCH cell change with discontinuous uplink transmission)   | Rel-7   | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |
| 8.2.6.60  | Physical Channel Reconfiguration for transition from CELL_DCH to CELL_DCH: Failure (Timing re-initialised hard handover, Serving E-DCH cell change with discontinuous uplink transmission, physical channel failure and reversion to old channel)                             | Rel-7   | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |
| 8.2.6.61  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH: Success (CQI reporting reduction)  | Rel-7   | C579          | UEs supporting FDD and UL DTX   | 1 Execution: PS                       |             |
| 8.2.6.62  | Physical Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (activation and de-activation of 64QAM)   | Rel-7   | C654          | UEs supporting FDD and MAC-ehs and fully supporting F-DPCH and (FDD HS-DSCH category 13 or FDD HS-DSCH category 14 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18) | 1 Execution: PS                       |             |

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| 8.2.6.62a | Physical Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (activation and de-activation of 64QAM)   | Rel-7   | C784          | UEs supporting FDD and MAC-ehs and (FDD HS-DSCH category 13 or FDD HS-DSCH category 14 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18)  | 1 Execution: PS                       |             |
| 8.2.6.63  | Physical Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, Serving HS-DSCH cell change with MIMO enabled)           | Rel-7   | C648          | UE supporting FDD and MAC-ehs and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20) | 1 Execution: PS                       |             |
| 8.2.6.64  | Physical channel reconfigurations for transition from CELL_DCH to CELL_DCH (activation and de-activation of UL 16QAM ): Success   | Rel-7   | C649          | UEs supporting FDD and HS-PDSCH and fully supporting F-DPCH and UL 16QAM and FDD E-DCH category 7  | 1 Execution: PS                       |             |
| 8.2.6.65  | Physical Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (Timing re-initialised hard handover to another frequency, Serving HS-DSCH cell change with 64QAM and MIMO enabled) | Rel-8   | C663          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 19 or FDD HS-DSCH category 20)  | 1 Execution: PS                       |             |
| 8.2.6.66  | Physical Channel Reconfiguration from CELL_PCH to CELL_FACH: Success (autonomous transitions without cell update procedure)   | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS                       |             |
| 8.2.6.67  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start of SPS operation without initial SPS resource) (1.28 Mcps TDD)                                | Rel-9   | C729          | UEs supporting TDD and SPS operation   | 1 Execution: PS                       |             |
| 8.2.6.68  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start of SPS operation with initial SPS resource) (1.28 Mcps TDD)                                   | Rel-9   | C729          | UEs supporting TDD and SPS operation   | 1 Execution: PS                       |             |
| 8.2.6.69  | Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH: Success (Start of Control Channel DRX operation) (1.28 Mcps TDD)   | Rel-9   | C730          | UEs supporting TDD and Control Channel DRX operation   | 1 Execution: PS                       |             |
| 8.2.7     | RRC / Physical Shared Channel Allocation [TDD only]   | R99     | [FFS]         | Inclusion of this test cases if FFS  |                                       |             |
| 8.2.8     | RRC / PUSCH capacity request [TDD only]   | R99     | [FFS]         | Inclusion of this test cases if FFS  |                                       |             |
| 8.2.10.1  | WLAN Offload / Offload Success / UTRA RRC_Connected to/from WLAN (RSRPmeas, BackhaulRateUIWLAN)   | Rel-12  | C919          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts  |                                       |             |
|           |   |         | C920          | UEs supporting UTRAN TDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts  |                                       |             |



| Clause   | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT    |
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| 8.2.10.2 | WLAN Offload / Offload Success / UTRA RRC_Connected to/from WLAN (RSRP <sub>meas</sub> , ChannelUtilizationWLAN)                     | Rel-12  | C919          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts                                      |                                       |                |
|          |  |         | C920          | UEs supporting UTRAN TDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts                                      |                                       |                |
| 8.2.10.3 | WLAN Offload / Offload Success / UTRA RRC_Connected to/from WLAN (RSRQ <sub>meas</sub> , BeaconRSSI, WLAN identifier no match/match) | Rel-12  | C919          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts                                      |                                       |                |
| 8.2.10.4 | WLAN Offload / Offload Success / UTRA RRC_Connected to/from WLAN (RSRQ <sub>meas</sub> , BackhaulRateDIWLAN)                         | Rel-12  | C919          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts                                      |                                       |                |
| 8.2.10.5 | WLAN Offload / T330 expiry   | Rel-12  | C919          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and supporting multiple PDP contexts                                      |                                       |                |
| 8.2.10.6 | Void   |         |               |  |                                       |                |
| 8.2.10.7 | WLAN Offload / Offload Success / UTRA RRC_Connected to/from WLAN (ANDSF and RAN rules co-existence)                                  | Rel-12  | C921          | UEs supporting UTRAN FDD and WLAN and allowed offload to and from WLAN and ANDSF and RAN rules co-existence and supporting multiple PDP contexts |                                       |                |
| 8.3.1.1  | RRC / Cell Update: cell reselection in CELL_FACH   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |                |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service                             |                                       |                |
| 8.3.1.1a | RRC / Cell Update: cell reselection in CELL_FACH (Cells belong to different frequency bands)   | R99     | C482          | UEs supporting FDD and supporting PS bearer service and multiple FDD frequency bands simultaneously.   | 1 Execution: PS                       |                |
| 8.3.1.1b | Cell Update: cell reselection in CELL_FACH(TDD)  | R3I-4   | C53           | UEs supporting 1.28 Mcps TDD option and supporting PS bearer service   | 1 Execution: PS                       |                |
| 8.3.1.1c | Cell Update: cell reselection in CELL_FACH (Cells belong to different frequency bands for LCR TDD)                                   | Rel-7   | C786          | UEs supporting 1.28 Mcps TDD option and supporting PS bearer service and multiple TDD frequency bands simultaneously.                            | 1 Execution: PS                       |                |
| 8.3.1.1d | Inter-frequency absolute priority based reselection in CELL_FACH (Lower Priority)  | Rel-11  | C01c          | UEs supporting EUTRA, UTRA FDD and support of all Priority layer measurements and cell Reselection procedure in CELL_FACH                        | 1 Execution: PS                       | Rel-8 UTRA FDD |
| 8.3.1.1e | Inter-frequency absolute priority based reselection in CELL_FACH (Higher Priority)   | Rel-11  | C01b          | UEs supporting EUTRA, UTRA FDD and support of HighPriority layer measurements and cell Reselection procedure in CELL_FACH                        | 1 Execution: PS                       | Rel-8 UTRA FDD |

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| 8.3.1.1f | Inter-frequency reselection to a no priority layer when NW and UE supports absolute priority in CELL_FACH | Rel-11  | C01c          | UEs supporting EUTRA, UTRA FDD and support of all Priority layer measurements and cell Reselection procedure in CELL_FACH | 1 Execution: PS                       | Rel-8 UTRA FDD |
| 8.3.1.2  | RRC / Cell Update: cell reselection in CELL_PCH   | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS                       |                |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service      |                                       |                |
| 8.3.1.3  | RRC / Cell Update: periodical cell update in CELL_FACH  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS                       |                |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service      |                                       |                |
| 8.3.1.3a | Cell Update: periodical cell update in CELL_FACH (1.28 Mcps TDD Only)                                     | Rel-7   | C848          | UEs supporting 1.28 Mcps TDD option and multiple frequency operation  | 1 Execution: PS                       |                |
| 8.3.1.4  | RRC / Cell Update: periodical cell update in CELL_PCH   | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS                       |                |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service      |                                       |                |
| 8.3.1.5  | RRC / Cell Update: UL data transmission in URA_PCH  | R99     | C90           | UEs supporting FDD and PS domain services and CS domain services.   | 1 Execution: PS                       |                |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service      |                                       |                |
| 8.3.1.6  | RRC / Cell Update: UL data transmission in CELL_PCH   | R99     | C90           | UEs supporting FDD and PS domain services and CS domain services.   | 1 Execution: PS                       |                |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service      |                                       |                |
| 8.3.1.7  | Void  |         |               |   |                                       |                |
| 8.3.1.8  | Void  |         |               |   |                                       |                |
| 8.3.1.9  | RRC / Cell Update: re-entering of service area after T305 expiry and being out of service area            | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS                       |                |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service      |                                       |                |
| 8.3.1.10 | RRC / Cell Update: expiry of T307 after T305 expiry and being out of service area                         | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS                       |                |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service      |                                       |                |

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| 8.3.1.11 | RRC / Cell Update: Success after T302 time-out  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.3.1.12 | RRC / Cell Update: Failure (After Maximum Re-transmissions)                                   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.3.1.13 | RRC / Cell Update: Reception of Invalid CELL UPDATE CONFIRM message                           | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.3.1.14 | RRC / Cell Update: Incompatible simultaneous reconfiguration                                  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.3.1.15 | RRC / Cell Update: Unrecoverable error in Acknowledged Mode RLC                               | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |  |             |
| 8.3.1.16 | Void  |         |               |  |  |             |
| 8.3.1.17 | RRC / Cell Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)       | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.3.1.18 | RRC / Cell Update: Radio Link Failure (T314>0, T315=0), CS RAB established                    | R99     | C356          | UEs supporting FDD and supporting CS bearer service and CS call establishment.                                       | 1 Execution: CS  |             |
|          |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |  |             |
| 8.3.1.19 | Void  |         |               |  |  |             |
| 8.3.1.20 | RRC / Cell Update: Reception of CELL UPDATE CONFIRM Message that causes invalid configuration | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |

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| 8.3.1.21 | Cell Update: Cell reselection to cell of another PLMN belonging to the equivalent PLMN list    | R99     | C01           | UEs supporting FDD.  | 1 Execution: PS   |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |   |             |
| 8.3.1.22 | Cell update: Restricted cell reselection to a cell belonging to forbidden LA list (Cell_FACH)  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS   |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |   |             |
| 8.3.1.23 | Cell Update: HCS cell reselection in CELL_FACH   | R99     | C01           | UEs supporting FDD.  | 1 Execution: PS   |             |
|          |  |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |   |             |
| 8.3.1.24 | Cell Update: HCS cell reselection in CELL_PCH  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS   |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |   |             |
| 8.3.1.25 | CELL UPDATE: Radio Link Failure (T314=0, T315=0)   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS+PS ( only if speech or transparent data CS call establishment is supported ) or (CS ( only if CS call establishment is supported ), PS) |             |
| 8.3.1.26 | Cell Update: Radio Link Failure (T314>0, T315=0), PS RAB established                           | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |   |             |
| 8.3.1.27 | Cell Update: Radio Link Failure (T314=0, T315>0), CS RAB                                       | R99     | C01           | UEs supporting FDD.  |   |             |
| 8.3.1.28 | Cell Update: Radio Link Failure (T314=0, T315>0), PS RAB                                       | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |   |             |
| 8.3.1.29 | Cell Update: Radio Link Failure (T314>0, T315>0), CS RAB                                       | R99     | C01           | UEs supporting FDD.  |   |             |
| 8.3.1.30 | Cell Update: Radio Link Failure (T314>0, T315>0), PS RAB                                       | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: CS+PS or PS  |             |
| 8.3.1.31 | Cell Update: re-entering of service area from URA_PCH after T316 expiry but before T317 expiry | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS   |             |
|          |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |   |             |
| 8.3.1.32 | Cell Update: Transition from URA_PCH to CELL_DCH, start of HS-DSCH reception                   | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH  | 1 Execution: PS   |             |
|          |  |         | C443          | UEs supporting TDD and HS-PDSCH  |   |             |
|          |  |         | C465          | UEs supporting TDD and HS-PDSCH  |   |             |

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| 8.3.1.32a | Cell Update: Transition from URA_PCH to CELL_DCH, start of HS-DSCH reception( In a different frequency band)(TDD)  | Rel-7      | C840          | UEs supporting LCR TDD and HS-PDSCH and multiple frequency operation and multiple TDD frequency bands simultaneously. | 1 Execution: PS                       |             |
| 8.3.1.33  | Cell Update: Transition from CELL_PCH to CELL_DCH, start of HS-DSCH reception, frequency modification  | Rel-5      | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS                       |             |
|           |  |            | C443          | UEs supporting TDD and HS-PDSCH   |                                       |             |
|           |  |            | C465          | UEs supporting TDD and HS-PDSCH   |                                       |             |
| 8.3.1.33a | Cell Update: Transition from CELL_PCH to CELL_DCH, start of HS-DSCH reception, frequency modification(TDD)   | Rel-5      | C443          | UEs supporting 1.28Mcps TDD and HS-PDSCH  | 1 Execution: PS                       |             |
| 8.3.1.34  | Cell Update: Transition from CELL_DCH to CELL_FACH, stop of HS-DSCH reception  | Rel-5      | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS                       |             |
|           |  |            | C443          | UEs supporting TDD and HS-PDSCH   |                                       |             |
| 8.3.1.35  | Cell Update: Transition from CELL_DCH to CELL_DCH, with active HS-DSCH reception   | Rel-5      | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS                       |             |
|           |  |            | C443          | UEs supporting TDD and HS-PDSCH   |                                       |             |
| 8.3.1.36  | Cell Update: Transition from CELL_DCH to CELL_FACH (stop of HS-DSCH reception with frequency modification)   | Rel-5      | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS                       |             |
|           |  |            | C443          | UEs supporting TDD and HS-PDSCH   |                                       |             |
| 8.3.1.37  | Cell Update: Transition from CELL_DCH to CELL_DCH (with active HS-DSCH reception and frequency modification)   | Rel-5      | C371          | UEs supporting FDD and HS-PDSCH   | 1 Execution: PS                       |             |
|           |  |            | C443          | UEs supporting TDD and HS-PDSCH   |                                       |             |
| 8.3.1.38  | Cell Update: state specific handling of Treselection and Qhyst for cell reselection in CELL_FACH   | Rel-5      | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS                       |             |
| 8.3.1.39  | Cell Update: state specific handling of Treselection and Qhyst for cell reselection in CELL_PCH  | Rel-5      | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS                       |             |
| 8.3.1.40  | Cell update: Transition from CELL_PCH to CELL_DCH, inclusion of establishment cause  | Rel-5      | C90d          | UEs supporting FDD and PS domain services and CS domain services and CS call establishment.                           | 1 Execution: CS+PS                    |             |
| 8.3.1.41  | Cell Update: Transition from URA_PCH to CELL_DCH: Success (start of E-DCH transmission)  | Rel-6      | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |
|           |  | Rel-7      | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH                                      |                                       |             |
|           |  |            | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH   |                                       |             |
| 8.3.1.41a | Cell Update: Transition from URA_PCH to CELL_DCH: Success (start of E-DCH transmission, in the multi-frequency network environment, for 1.28Mcps TDD only) | Rel-7      | C842          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and multiple frequency operation                                  | 1 Execution: PS                       |             |
| 8.3.1.42  | Cell Update: Transition from CELL_PCH to   | Rel-6 only | C564          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS                       |             |

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|           | CELL_DCH: Success (Frequency modification, start of E-DCH transmission)  | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH   |                                       |             |
|           |  |         | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH  |                                       |             |
| 8.3.1.42a | Cell Update: Transition from CELL_PCH to CELL_DCH: Success (Frequency modification, start of E-DCH transmission, F-DPCH configured)  | Rel-6   | C560          | UEs supporting FDD and HS-PDSCH and E-DPCH and fully supporting F-DPCH   | 1 Execution: PS                       |             |
| 8.3.1.42b | Cell Update: Transition from CELL_PCH to CELL_DCH: Success (frequency modification, start of E-DCH transmission in the multi-frequency network environment, for 1.28Mcps TDD only) | Rel-7   | C842          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and multiple frequency operation   | 1 Execution: PS                       |             |
| 8.3.1.43  | Cell Update: Radio Link Failure, with active E-DCH transmission  | Rel-6   | C560          | UEs supporting FDD and HS-PDSCH and E-DPCH and fully supporting F-DPCH   | 1 Execution: PS                       |             |
|           |  | Rel-7   | C584          | UEs supporting 3.84 Mcps TDD option 7.68 Mcps TDD option and HS-PDSCH and E-PUCH   |                                       |             |
|           |  |         | C630          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH  |                                       |             |
| 8.3.1.44  | Cell Update: Transition from CELL_PCH to CELL_DCH: Success (frequency modification, start of discontinuous uplink transmission)  | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 8.3.1.45  | Cell Update: Radio Link Failure, with active discontinuous uplink transmission   | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 8.3.1.46  | Cell Update: Transition from URA_PCH to CELL_DCH: Success (start of discontinuous uplink transmission)   | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS                       |             |
| 8.3.1.47  | Cell Update: cell reselection in CELL_FACH (Reselection between cell not supporting HS-PDSCH in CELL_FACH and cell supporting HS-PDSCH is CELL_FACH)                               | Rel-7   | C591          | UEs supporting FDD and HS-PDSCH in CELL_FACH   | 1 Execution: PS                       |             |
| 8.3.1.48  | Cell Update: Radio Link Failure, UM RLC Re-establishment   | Rel-7   | C592          | UE supporting FDD and CS Voice over HSPA.<br><br>Note: CS Voice over HSPA is an optional Rel-8 feature that may be implemented in Rel-7 UEs. | 1 Execution: CS                       |             |
| 8.3.1.49  | Cell Update: Intra Frequency cell reselection in Enhanced CELL_FACH with DRX configured  | Rel-8   | C731          | UEs supporting FDD and HS-DSCH DRX operation in CELL_FACH  | 1 Execution: PS                       |             |
| 8.3.1.49a | Cell Update: Inter Frequency cell reselection in Enhanced CELL_FACH with DRX configured  | Rel-8   | C731          | UEs supporting FDD and HS-DSCH DRX operation in CELL_FACH  | 1 Execution: PS                       |             |
| 8.3.1.49b | Cell Update: Intra Frequency cell reselection in Enhanced CELL_FACH with DRX configured / second DRX cycle with 2-level DRX  | Rel-11  | C731a         | UEs supporting FDD and HS-DSCH DRX operation with second DRX cycle   | 1 Execution: PS                       |             |

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| 8.3.1.49c | Cell Update: Inter Frequency cell reselection in Enhanced CELL_FACH with DRX configured / second DRX cycle with 2-level DRX  | Rel-11  | C731a         | UEs supporting FDD and HS-DSCH DRX operation with second DRX cycle   | 1 Execution: PS                       |             |
| 8.3.1.50  | Cell Update: Cell reselection in CELL_FACH when common E-DCH resource is released  | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH  | 1 Execution: PS preferred             |             |
| 8.3.1.51  | Cell Update: Cell reselection in CELL_FACH (Reselection between cell not supporting HS-PDSCH and E-DCH in CELL_FACH and cell supporting HS-PDSCH and E-DCH in CELL_FACH) | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH  | 1 Execution: PS                       |             |
| 8.3.1.52  | Cell Update: Inter Frequency cell reselection in CELL_FACH based on absolute priority  | Rel-8   | C01b          | UEs supporting EUTRA, UTRA FDD and support of High Priority layer measurements and cell Reselection procedure in CELL_FACH | 1 Execution: PS                       |             |
| 8.3.1.53  | Cell Update: Absolute priority based cell reselection failure to inter frequency cell for which no priority or no threshold is assigned                                  | Rel-8   | C01b          | UEs supporting EUTRA, UTRA FDD and support of High Priority layer measurements and cell Reselection procedure in CELL_FACH | 1 Execution: PS                       |             |
| 8.3.1.54  | Cell Update: Absolute priority based cell reselection when more than one cell fulfils the criterion  | Rel-8   | C01b          | UEs supporting EUTRA, UTRA FDD and support of High Priority layer measurements and cell Reselection procedure in CELL_FACH | 1 Execution: PS                       |             |
| 8.3.2.1   | RRC / URA Update: Change of URA  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service       |                                       |             |
| 8.3.2.1a  | RRC / URA Update: Change of URA (Cells belong to different frequency bands)  | R99     | C482          | UEs supporting FDD and supporting PS bearer service and multiple FDD frequency bands simultaneously.                       | 1 Execution: PS                       |             |
| 8.3.2.1b  | URA Update: Change of URA (Cells belong to different frequency bands for LCR TDD)  | Rel-7   | C786          | UEs supporting 1.28 Mcps TDD option and supporting PS bearer service and multiple TDD frequency bands simultaneously.      | 1 Execution: PS                       |             |
| 8.3.2.2   | RRC / URA Update: Periodical URA update and Reception of Invalid message   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service       |                                       |             |
| 8.3.2.3   | Void   |         |               |  |                                       |             |
| 8.3.2.4   | RRC / URA Update: loss of service after expiry of timers T307 after T306   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|           |  |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service       |                                       |             |

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| 8.3.2.5  | RRC / URA Update: Success after Confirmation error of URA-ID list                           | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.3.2.6  | RRC / URA Update: Failure (V303 is greater than N303: Confirmation error of URA-ID list)    | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.3.2.7  | RRC / URA Update: Success after T303 timeout  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.3.2.8  | Void  |         |               |  |                                       |             |
| 8.3.2.9  | RRC / URA Update: Failure ( UTRAN initiate an RRC connection release procedure on CCCH )    | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.3.2.10 | RRC / URA Update: Reception of URA UPDATE CONFIRM message that causes invalid configuration | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |                                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.3.2.11 | URA Update: Cell reselection to cell of another PLMN belonging to the equivalent PLMN list  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.3.2.12 | Restricted cell reselection to a cell belonging to forbidden LA list (URA_PCH)              | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |
| 8.3.2.13 | URA Update: Change of URA due to HCS Cell Reselection                                       | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS                       |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |                                       |             |



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| 8.3.3.1  | RRC / UTRAN Mobility Information: Success   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.3.3.2  | RRC / UTRAN Mobility Information: Failure (Invalid message reception)   | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |  |             |
|          |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.3.3.3  | RRC / UTRAN Mobility Information: Seamless SRNS relocation in CELL_DCH (without pending of ciphering)   | R99     | C01           | UEs supporting FDD.  |  |             |
| 8.3.3.4  | RRC / UTRAN Mobility Information: Shared Network  | Rel-6   | C90d          | UEs supporting FDD and PS domain services and CS domain services and CS call establishment                           | 1 Execution: CS+PS ( only if CS call establishment is supported )        |             |
| 8.3.4.1  | RRC / Active set update in soft handover: Radio Link addition   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.3.4.2  | RRC / Active set update in soft handover: Radio Link removal  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.3.4.3  | RRC / Active set update in soft handover: Combined radio link addition and removal  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.3.4.4  | RRC / Active set update in soft handover: Invalid Configuration   | R99     | C01           | UEs supporting FDD.  |  |             |
| 8.3.4.5  | RRC / Active set update in soft handover: Reception of an ACTIVE SET UPDATE message in wrong state  | R99     | C06           | UEs supporting FDD and supporting PS bearer service  |  |             |
| 8.3.4.6  | Void  |         |               |  |  |             |
| 8.3.4.7  | RRC / Active set update in soft handover: Invalid Message Reception   | R99     | C01           | UEs supporting FDD.  |  |             |
| 8.3.4.8  | RRC / Active set update in soft handover: Radio Link addition in multiple radio link environment  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.3.4.9  | Active set update in soft handover: Radio Link removal (stop of HS-DSCH reception)  | Rel-5   | C371          | UEs supporting FDD and HS-PDSCH  | 1 Execution: PS  |             |
| 8.3.4.10 | Active Set Update in soft handover. Radio link addition and serving HS-DSCH / E-DCH cell change   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPCH   | 1 Execution: PS  |             |
| 8.3.4.11 | Active set update in soft handover: Radio Link addition/removal and serving HS-DSCH / E-DCH cell change, with discontinuous uplink transmission | Rel-7   | C579          | UEs supporting FDD and UL DTX  | 1 Execution: PS  |             |
| 8.3.4.12 | Active set update in soft handover: Radio Link addition/removal (stop and start of UL 16QAM)  | Rel-7   | C649          | UEs supporting FDD and HS-PDSCH and fully supporting F-DPCH and UL 16QAM and FDD E-DCH category 7                    | 1 Execution: PS  |             |

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| 8.3.4.13  | Active set update in soft handover: Radio Link addition/removal and serving HS-DSCH / E-DCH cell change, with activation/deactivation of 64QAM                      | Rel-7   | C654          | UEs supporting FDD and MAC-ehs and fully supporting F-DPCH and (FDD HS-DSCH category 13 or FDD HS-DSCH category 14 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18)   | 1 Execution: PS                       |             |
| 8.3.4.13a | Active set update in soft handover: Radio Link addition/removal and serving HS-DSCH / E-DCH cell change, with activation/deactivation of 64QAM                      | Rel-7   | C784          | UEs supporting FDD and MAC-ehs and (FDD HS-DSCH category 13 or FDD HS-DSCH category 14 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18)   | 1 Execution: PS                       |             |
| 8.3.4.14  | Active Set Update in Soft Handover: Radio Link addition/removal and serving HS-DSCH / E-DCH cell change with activation/deactivation of MIMO                        | Rel-7   | C648          | UE supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20 ) | 1 Execution: PS                       |             |
| 8.3.4.14a | Active Set Update in Soft Handover: Radio Link addition/removal and serving HS-DSCH / E-DCH cell change with activation/deactivation of MIMO                        | Rel-7   | C785          | UE supporting FDD and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20)                                  | 1 Execution: PS                       |             |
| 8.3.4.15  | Active set update: Dual Cell (DC) Activation by Serving Cell Change from non DC-HSDPA capable cell to DC-HSDPA capable cell   | Rel-8   | C655          | UEs supporting FDD and (fully supporting F-DPCH or Enhanced F-DPCH) and Dual Cell Operation   | 1 Execution: PS                       |             |
| 8.3.4.15a | Active set update: Dual Cell (DC) Activation by Serving Cell Change from non DC-HSDPA capable cell to DC-HSDPA capable cell with SRB mapped on E-DCH/DCH            | Rel-8   | C733          | UEs supporting FDD and Dual Cell Operation  | 1 Execution: PS                       |             |
| 8.3.4.16  | Active set update: Dual Cell (DC) Activation by Serving Cell Change from DC-HSDPA to non DC-HSDPA cell  | Rel-8   | C655          | UEs supporting FDD and (fully supporting F-DPCH or Enhanced F-DPCH) and Dual Cell Operation   | 1 Execution: PS                       |             |
| 8.3.4.16a | Active set update: Dual Cell (DC) Activation by Serving Cell Change from DC-HSDPA capable cell to non DC-HSDPA capable cell with SRB mapped on E-DCH/DCH            | Rel-8   | C733          | UEs supporting FDD and Dual Cell Operation  | 1 Execution: PS                       |             |
| 8.3.4.17  | Active Set Update in Soft Handover: Radio Link addition/removal and serving HS-DSCH / E-DCH cell change with simultaneous activation/deactivation of 64QAM and MIMO | Rel-8   | C663          | UEs supporting FDD and F-DPCH or Enhanced F-DPCH and (FDD HS-DSCH category 19 or FDD HS-DSCH category 20)   | 1 Execution: PS                       |             |
| 8.3.4.18  | Test procedure for enhanced serving HS-DSCH cell change: serving HS-DSCH / E-DCH cell change, with discontinuous uplink transmission and downlink reception         | Rel-8   | C762          | UEs supporting FDD and UL DTX and DL DRX and supporting Target Cell Pre-Configuration   | 1 Execution: PS                       |             |

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| 8.3.4.19   | Active set update: Dual Cell (DC) and MIMO Activation by Serving Cell Change from non-DC-HSDPA capable cell to DC-HSDPA capable cell  | Rel-9   | C791          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 25 or FDD HS-DSCH category 26 or FDD HS-DSCH category 27 or FDD HS-DSCH category 28 )   | 1 Execution: PS                       |             |
| 8.3.4.19a  | Void  |         |               |  |                                       |             |
| 8.3.4.19b  | Active set update: DB-DC-HSDPA and MIMO Activation by Serving Cell Change from non-DC-HSDPA capable cell to DB-DC-HSDPA capable cell  | Rel-10  | C791a         | UEs supporting FDD and Support of dual band operation and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 25 or FDD HS-DSCH category 26 or FDD HS-DSCH category 27 or FDD HS-DSCH category 28)   | 1 Execution: PS                       |             |
| 8.3.4.20   | Active set update in soft handover: Radio Link addition/removal on the secondary E-DCH active set   | Rel-9   | C822          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and Dual Cell Operation and (FDD E-DCH category 8 or 9)   | 1 Execution: PS                       |             |
| 8.3.4.21   | Active Set Update: MIMO Activation by Serving cell changes with and without PCI Restrictions and S-CPICH Power Offset (16QAM + MIMO)  | Rel-10  | C648          | UE supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20 )                            | 1 Execution: PS                       |             |
| 8.3.4.22   | Active set update: Dual Cell (DC) Activation by Serving Cell Change from non DC-HSDPA capable cell to DC-HSDPA capable cell with discontinuous uplink transmission and downlink reception | Rel-8   | C839          | UEs supporting FDD and (fully supporting F-DPCH or Enhanced F-DPCH) and Dual Cell Operation and UL DTX and DL DRX  | 1 Execution: PS                       |             |
| 8.3.4.23.1 | Active set update in soft handover: Radio Link addition/deletion in multiple radio link environment with 3C-HSDPA remaining active / Single band  | Rel-10  | C851          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Single band Carrier Combination (3)  | 1 Execution: PS                       |             |
| 8.3.4.23.2 | Active set update in soft handover: Radio Link addition/deletion in multiple radio link environment with 3C-HSDPA remaining active / Single band / MIMO                                   | Rel-10  | C852          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 30 or FDD HS-DSCH category 32) and Single band Carrier Combination (3)  | 1 Execution: PS                       |             |
| 8.3.4.23.3 | Active set update in soft handover: Radio Link addition/deletion in multiple radio link environment with 3C-HSDPA remaining active / Dual band  | Rel-10  | C853          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 29 or FDD HS-DSCH category 30 or FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and (Dual band Carrier Combination (1,2) or Dual band Carrier Combination (2,1)) | 1 Execution: PS                       |             |

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| 8.3.4.23.4 | Active set update in soft handover: Radio Link addition/deletion in multiple radio link environment with 3C-HSDPA remaining active / Dual band / MIMO                        | Rel-10  | C854          | UEs supporting FDD and (F-DPCH or Enhanced F-DPCH) and (FDD HS-DSCH category 30 or FDD HS-DSCH category 32) (Dual band Carrier Combination (1,2) or Dual band Carrier Combination (2,1)) | 1 Execution: PS                       |             |
| 8.3.4.24.1 | Active set update with Multiflow reconfiguration with SRBs mapped on DCH: Successful reconfiguration of 2cell/single frequency Multiflow HSDPA for single band, inter-Node B | Rel-11  | C914          | UEs supporting FDD and Multiflow HSDPA in Single Band – Single Frequency Dual Cell operation (SF-DC)   | 1 Execution: PS                       |             |
| 8.3.4.24.2 | Active set update with Multiflow reconfiguration with SRBs mapped on DCH: Successful reconfiguration of 3 cell/two frequencies Multiflow HSDPA for single band, inter-Node B | Rel-11  | C915          | UEs supporting FDD and Multiflow HSDPA in Single Band – Dual Frequency Three Cell operation (DF-3C)  | 1 Execution: PS                       |             |
| 8.3.4.24.3 | Active set update with Multiflow reconfiguration with SRBs mapped on DCH: Successful reconfiguration of 3 cell/two frequencies Multiflow HSDPA for dual bands, inter-Node B  | Rel-11  | C916          | UEs supporting FDD and Multiflow HSDPA in Dual Band – Dual Frequency Three Cell operation (DF-3C)  | 1 Execution: PS                       |             |
| 8.3.5.1    | Void   |         |               |  |                                       |             |
| 8.3.5.2    | Void   |         |               |  |                                       |             |
| 8.3.5.3    | Void   |         |               |  |                                       |             |
| 8.3.7.1    | Inter system handover from UTRAN/To GSM/Speech/Success with UEA1/UIA1 and A5/1 ciphering   | R99     | C95           | UEs supporting FDD and GSM and supporting speech   | 1 Execution: CS                       |             |
|            |  |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech.   |                                       |             |
| 8.3.7.1a   | Inter system handover from UTRAN/To GSM/Speech/Success with UEA1/UIA1 and A5/3 ciphering   | R99     | C593          | UEs supporting FDD and GSM and supporting speech and supporting A5/3.<br><br>Note 1:<br>For Rel-6 or later UEs A5/3 support is Mandatory; for earlier releases it is Optional.           | 1 Execution: CS                       |             |
| 8.3.7.1b   | Inter system handover from UTRAN/To GSM/Speech/Success with UEA2/UIA2 and A5/3 ciphering   | Rel-7   | C661          | UEs supporting FDD and GSM and supporting speech and supporting UEA2/UIA2.<br><br>Note 1:<br>For Rel-6 or later UEs A5/3 support is Mandatory; for earlier releases it is Optional.      | 1 Execution: CS                       |             |

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| 8.3.7.1c | Inter system handover from UTRAN/To GSM/Speech/Success with UEA1/UIA1 and A5/4 ciphering   | Rel-9   | C593a         | UEs supporting FDD and GSM and supporting speech and supporting A5/4.<br><br>Note 1:<br>For Rel-11 or later UEs A5/4 support is Mandatory for earlier releases it is Optional.                | 1 Execution: CS                       |             |
| 8.3.7.1d | Inter system handover from UTRAN/To GSM/Speech/Success with UEA2/UIA2 and A5/4 ciphering   | Rel-9   | C661a         | UEs supporting FDD and GSM and supporting speech and supporting UEA2/UIA2 and A5/4.<br><br>Note 1:<br>For Rel-11 or later UEs A5/4 support is Mandatory; for earlier releases it is Optional. | 1 Execution: CS                       |             |
| 8.3.7.2  | Inter system handover from UTRAN/To GSM/Data/Same data rate/Success                        | R99     | C375          | UEs supporting FDD and GSM and one or more CS bearer services up to and including 14 400 bit/s.   | 1 Execution: CS                       |             |
|          |  |         | C60           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM.  |                                       |             |
| 8.3.7.2a | Inter system handover from UTRAN/To GSM/Data/Same data rate/Extended Rates/Success         | R99     | C376          | UEs supporting FDD and GSM and one or more HSCSD bearer services equal to or greater than 14 400 bit/s.   |                                       |             |
|          |  |         | C60           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM.  |                                       |             |
| 8.3.7.3  | Inter system handover from UTRAN/To GSM/Data/Data rate down grading/Success                | R99     | C435          | UEs supporting FDD and GSM and one or more CS bearer services UMTS 28 800 or 57 600 bits/s and including GSM 14 400 bit/s.  | 1 Execution: CS                       |             |
|          |  |         | C60           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM   |                                       |             |
| 8.3.7.3a | Inter system handover from UTRAN/To GSM/Data/Data rate down grading/Extended Rates/Success | R99     | C376          | UEs supporting FDD and GSM and one or more HSCSD bearer services equal to or greater than 14 400 bit/s.   |                                       |             |
|          |  |         | C60           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM   |                                       |             |
| 8.3.7.4  | Inter system handover from UTRAN/To GSM/Speech/Establishment/Success                       | R99     | C95           | UEs supporting FDD and GSM and supporting speech.   | 1 Execution: CS                       |             |
|          |  |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech.  |                                       |             |
| 8.3.7.5  | Inter system handover from UTRAN/To GSM/Speech/Failure                                     | R99     | C95           | UEs supporting FDD and GSM and supporting speech.   | 1 Execution: CS                       |             |

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|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech. |                                       |             |
| 8.3.7.6  | Inter system handover from UTRAN/To GSM/Speech/Failure (L2 Establishment)                               | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  |                                       |             |
|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech. |                                       |             |
| 8.3.7.7  | Inter system handover from UTRAN/To GSM/Speech/Failure (L1 Synchronization)                             | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  | 1 Execution: CS                       |             |
|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech. |                                       |             |
| 8.3.7.8  | Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid Inter-RAT message)                      | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  |                                       |             |
|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech. |                                       |             |
| 8.3.7.9  | Inter system handover from UTRAN/To GSM/Speech/Failure (Unsupported configuration)                      | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  | 1 Execution: CS                       |             |
|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech. |                                       |             |
| 8.3.7.10 | Inter system handover from UTRAN/To GSM/Speech/Failure (Reception by UE in CELL_FACH)                   | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  |                                       |             |
|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech. |                                       |             |
| 8.3.7.11 | Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid message reception)                      | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  |                                       |             |
|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech. |                                       |             |
| 8.3.7.12 | Inter system handover from UTRAN/To GSM/Speech/Failure (Physical channel Failure and Reversion Failure) | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  | 1 Execution: CS                       |             |
|          |   |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech. |                                       |             |
| 8.3.7.13 | Inter system handover from UTRAN/To GSM/success / call under establishment                              | R99     | C95           | UEs supporting FDD and GSM and supporting speech.  | 1 Execution: CS                       |             |

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|          |  |         | C59           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and GSM and supporting speech. |                                       |             |
| 8.3.7.14 | Inter system handover from UTRAN/To GSM/Speech/Success (stop of HS-DSCH reception)   | Rel-5   | C380          | UEs supporting FDD and GSM and supporting speech and HS-PDSCH  | 1 Execution: CS+PS                    |             |
|          |  |         | C443          | UEs supporting TDD and HS-PDSCH  |                                       |             |
| 8.3.7.15 | Inter system handover from UTRAN/To GSM/Speech/Failure(stop of HS-DSCH reception)  | Rel-5   | C380          | UEs supporting FDD and GSM and supporting speech and HS-PDSCH  |                                       |             |
|          |  |         | C443          | UEs supporting TDD and HS-PDSCH  |                                       |             |
| 8.3.7.16 | Inter system handover from UTRAN/To GSM/Simultaneous CS and PS domain services/Success/TBF Establishment Success             | R99     | C390          | UE supporting FDD and GSM and supporting simultaneous CS and PS bearer services                                    | 1 Execution: CS+PS                    |             |
| 8.3.7.17 | Inter system handover from UTRAN/To GSM/DTM Support/Simultaneous CS and PS domain services/Success/TBF Establishment Success | R99     | C394          | UE supporting FDD and GSM and supporting simultaneous CS and PS bearer services and supporting DTM                 | 1 Execution: CS+PS                    |             |
| 8.3.8    | RRC / Inter system cell reselection to UTRAN   | R99     | [FFS]         | Inclusion of this test case is FFS   |                                       |             |
| 8.3.9.1  | Cell reselection if cell becomes barred or S<0; UTRAN to GPRS (CELL_FACH)  | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  | 1 Execution: PS                       |             |
| 8.3.9.1a | Cell reselection if cell becomes barred or S<0; UTRAN to GPRS (CELL_FACH), 1.28Mcps TDD                                      | Rel-9   | C869          | UEs supporting 1.28Mcps TDD and GSM. UE supporting PS bearer service   | 1 Execution: PS                       |             |
| 8.3.9.2  | Cell reselection if cell becomes barred or S<0; UTRAN to GPRS (URA_PCH)  | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  |                                       |             |
| 8.3.9.2a | Cell reselection if cell becomes barred or S<0; UTRAN to GPRS (URA_PCH), 1.28Mcps TDD  | Rel-9   | C869          | UEs supporting 1.28Mcps TDD and GSM. UE supporting PS bearer service   | 1 Execution: PS                       |             |
| 8.3.9.3  | Cell reselection if cell rank changes; UTRAN to GPRS (UE in CELL_FACH fails to complete an inter-RAT cell reselection)       | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  | 1 Execution: PS                       |             |
| 8.3.9.4  | Cell reselection if S<0; UTRAN to GPRS (UE in CELL_PCH fails to complete an inter-RAT cell reselection)                      | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  |                                       |             |
| 8.3.9.4a | Cell reselection if S<0; UTRAN to GPRS (UE in CELL_PCH fails to complete an inter-RAT cell reselection), 1.28Mcps TDD        | Rel-9   | C869          | UEs supporting 1.28Mcps TDD and GSM. UE supporting PS bearer service   | 1 Execution: PS                       |             |
| 8.3.9.5  | Successful Cell Reselection with RAU – Q <sub>offset</sub> value modification; UTRAN to GPRS (CELL_FACH)                     | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  | 1 Execution: PS                       |             |

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| 8.3.9.5a      | Successful Cell Reselection with RAU – $Q_{offset}$ value modification; UTRAN to GPRS (CELL_FACH), 1.28Mcps TDD   | Rel-9   | C869          | UEs supporting 1.28Mcps TDD and GSM. UE supporting PS bearer service                                 | 1 Execution: PS                       |             |
| <b>8.3.11</b> | <b>Inter-RAT cell change order from UTRAN</b>   |         |               |  |                                       |             |
| 8.3.11.1      | Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Success with UEA1/UIA1 and GEA2 ciphering                 | R99     | C360a         | UEs supporting FDD and GSM. UE supporting PS bearer service and GEA2.                                | 1 Execution: PS                       |             |
| 8.3.11.1a     | Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Success with UEA2/UIA2 and GEA2 ciphering                 | Rel-7   | C662b         | UEs supporting FDD and GSM. UE supporting PS bearer service and supporting UEA2/UIA2 and GEA2.       | 1 Execution: PS                       |             |
| 8.3.11.1b     | Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Success with UEA2/UIA2 and GEA3 ciphering                 | Rel-7   | C662          | UEs supporting FDD and GSM. UE supporting PS bearer service and supporting UEA2/UIA2.                | 1 Execution: PS                       |             |
| 8.3.11.1c     | Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Success with UEA2/UIA2 and GEA4 ciphering                 | Rel-9   | C662a         | UEs supporting FDD and GSM. UE supporting PS bearer service and supporting UEA2/UIA2 and GEA4.       | 1 Execution: PS                       |             |
| 8.3.11.2      | Inter-RAT cell change order from UTRAN/To GPRS/CELL_FACH/Success  | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  |                                       |             |
| 8.3.11.3      | Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Failure (T309 expiry)                                     | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  |                                       |             |
| 8.3.11.4      | Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Failure (Physical channel Failure and Reversion Failure)  | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  | 1 Execution: PS                       |             |
| 8.3.11.5      | Inter-RAT cell change order from UTRAN/To GPRS/CELL_FACH/Failure (T309 expiry)                                    | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  |                                       |             |
| 8.3.11.6      | Inter-RAT cell change order from UTRAN/To GPRS/CELL_FACH/Failure (Physical channel Failure and Reversion Failure) | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  |                                       |             |
| 8.3.11.7      | Inter-RAT cell change order from UTRAN/To GPRS/ Failure (Unsupported configuration)                               | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  |                                       |             |
| 8.3.11.8      | Inter-RAT cell change order from UTRAN/To GPRS/ Failure (Invalid Inter-RAT message)                               | R99     | C360          | UEs supporting FDD and GSM. UE supporting PS bearer service  |                                       |             |
| 8.3.11.9      | Inter-RAT Cell Change Order from UTRAN to GPRS/CELL_DCH/Success (stop of HS-DSCH reception)                       | Rel-5   | C381          | UEs supporting FDD and GSM. UE supporting PS bearer service and HS-PDSCH                             | 1 Execution: PS                       |             |
|               |   |         | C443          | UEs supporting TDD and HS-PDSCH  |                                       |             |
| 8.3.11.10     | Inter-RAT Cell Change Order from UTRAN/To GPRS/CELL_DCH/Failure (Physical channel Failure)                        | Rel-5   | C381          | UEs supporting FDD and GSM. UE supporting PS bearer service and HS-PDSCH                             | 1 Execution: PS                       |             |
|               |   |         | C443          | UEs supporting TDD and HS-PDSCH  |                                       |             |
| 8.3.11.11     | Inter-RAT cell change order from UTRAN/To GPRS/CELL_FACH/No RAB established/Success                               | R99     | C360          | UE supporting FDD and GSM. UE supporting PS bearer service   |                                       |             |
| 8.3.11.12     | Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Network Assisted Cell Change/Success                      | Rel-5   | C396          | UEs supporting FDD and GSM. UE supporting PS bearer service UE supporting Inter-RAT NACC from UTRAN. | 1 Execution: PS                       |             |



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| 8.3.11.13 | Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Network Assisted Cell Change with Invalid SI/Success                  | Rel-5   | C396          | UEs supporting FDD and GSM. UE supporting PS bearer service UE supporting Inter-RAT NACC from UTRAN.   | 1 Execution: PS                       |             |
| 8.3.11.14 | Inter-RAT Cell Change Order from UTRAN to GPRS/CELL_DCH/Success (stop of E-DCH transmission)                                  | Rel-6   | C462          | UEs supporting FDD and GSM. UE supporting PS bearer service and HS-PDSCH and E-DPDCH.  | 1 Execution: PS                       |             |
|           |   | Rel-7   | C635          | UEs supporting 1.28Mcps TDD and GSM. UE supporting PS bearer service and HS-PDSCH and E-PUCH   |                                       |             |
| 8.3.11.15 | Inter-RAT Cell Change Order from UTRAN to GPRS/CELL_DCH/Success (stop of discontinuous uplink transmission)                   | Rel-7   | C579a         | UEs supporting FDD and UL DTX and GSM/GPRS   | 1 Execution: PS                       |             |
| 8.3.11.16 | Inter-RAT Cell Change Order from UTRAN to GPRS/ MIMO (Success: with PCI Restrictions and S-CPICH Power Offset)                | Rel-10  | C813          | UEs supporting FDD and GSM. UE supporting PS bearer service and MAC-ehs and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18) | 1 Execution: PS                       |             |
| 8.3.11.17 | Inter-RAT Cell Change Order from UTRAN to GPRS for S-CPICH based MIMO with F-DPCH in STTD (Failure; physical channel failure) | Rel-7   | C813          | UEs supporting FDD and GSM. UE supporting PS bearer service and MAC-ehs and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18) | 1 Execution: PS                       |             |
| 8.3.11.18 | Inter-RAT Cell Change Order from UTRAN to GPRS/ MIMO (Failure; with PCI Restrictions and S-CPICH Power Offset)                | Rel-7   | C813          | UEs supporting FDD and GSM. UE supporting PS bearer service and MAC-ehs and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18) | 1 Execution: PS                       |             |
| 8.3.12.1  | Inter-frequency inbound handover to UMTS CSG cell without reporting proximity indication                                      | Rel-9   | C788          | UEs supporting FDD ,CSG and inter-frequency SI acquisition   | 1 Execution: CS+PS preferred          |             |
| 8.3.12.2  | Inter-frequency inbound handover to UMTS CSG cell   | Rel-9   | C789          | UEs supporting FDD ,CSG ,inter-frequency SI acquisition and CSG Proximity Indication   | 1 Execution: CS+PS preferred          |             |
| 8.3.12.3  | Inter-frequency Measurements of UMTS CSG cell by non-member UE  | Rel-9   | C788          | UEs supporting FDD ,CSG ,inter-frequency SI acquisition  | 1 Execution: CS+PS preferred          |             |
| 8.3.12.4  | Intra-frequency inbound handover to UMTS CSG cell without specifying PSCs for SI Acquisition                                  | Rel-9   | C826          | UEs supporting FDD,CSG, intra frequency SI acquisition and CSG Proximity Indication  | 1 Execution: CS+PS preferred          |             |
| 8.3.12.5  | Intra-frequency inbound handover to UMTS CSG cell without reporting proximity indication                                      | Rel-9   | C809          | UEs supporting FDD ,CSG and intra frequency SI acquisition for HO  | 1 Execution: CS+PS preferred          |             |

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| 8.3.12.6  | Intra-frequency inbound handover to UMTS CSG cell   | Rel-9   | C826          | UEs supporting FDD, CSG, intra frequency SI acquisition and CSG Proximity Indication  | 1 Execution: CS+PS preferred   |             |
| 8.3.12.7  | Intra-frequency measurements for UMTS CSG cell for non-member UE  | Rel-9   | C809          | UEs supporting FDD ,CSG and intra frequency SI acquisition for HO   | 1 Execution: CS+PS preferred   |             |
| 8.3.12.8  | Intra-frequency inbound handover to UMTS hybrid cell  | Rel-9   | C809          | UEs supporting FDD ,CSG ,and intra frequency SI acquisition for HO  | 1 Execution: CS+PS preferred   |             |
| 8.3.12.9  | Intra-frequency inbound handover to UMTS hybrid cell for non-member UE  | Rel-9   | C809          | UEs supporting FDD ,CSG and intra frequency SI acquisition for HO   | 1 Execution: CS+PS preferred   |             |
| 8.3.12.10 | Intra-frequency inbound handover to UMTS open cell  | Rel-9   | C812          | UEs supporting FDD and intra frequency SI acquisition for HO  | 1 Execution: CS+PS preferred   |             |
| 8.3.12.11 | Inter-frequency Measurement of UMTS non-CSG cell  | Rel-9   | C788          | UEs supporting FDD , inter-frequency SI acquisition   | 1 Execution: CS+PS preferred   |             |
| 8.3.12.12 | membership checking for handover to the CSG cell  | Rel-9   | C809          | UEs supporting FDD, CSG, and intra frequency SI acquisition for HO  | 1 Execution: CS+PS preferred   |             |
| 8.3.12.13 | Void  |         |               |   |  |             |
| 8.3.12.14 | Inter-frequency CSG proximity indication  | Rel-9   | C855          | UE supports FDD, CSG and inter-frequency CSG Proximity Indication   | 1 Execution: CS+PS preferred   |             |
| 8.4.1.1   | RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state (FDD)   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.1a  | RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state (TDD)   | R99     | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.4.1.2   | RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state (FDD)   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.2a  | RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state (TDD)   | R99     | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.4.1.2b  | RRC / Measurement Control and Report: Inter-band measurement for transition from idle mode to CELL_DCH state (FDD)  | R99     | C481d         | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and multiple FDD bands simultaneously.                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.2c  | Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state (Cells belong to different frequency bands for LCR TDD) | Rel-7   | C787          | UEs supporting 1.28 Mcps TDD option and supporting (CS bearer service and CS call establishment) or PS bearer service) and multiple TDD frequency bands simultaneously. | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.3   | RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_FACH state (FDD)  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS  |             |
| 8.4.1.3a  | RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_FACH state (TDD)  | R99     | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service  |  |             |
| 8.4.1.4   | RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_FACH state (FDD)  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   |  |             |

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| 8.4.1.4a | RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_FACH state (TDD) | R99               | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.4.1.5  | RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_DCH to CELL_FACH state (FDD)  | R99 to Rel-6 only | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
| 8.4.1.5a | RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_DCH to CELL_FACH state (TDD)  | R99               | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.4.1.6  | RRC / Measurement Control and Report: Inter-frequency measurement for transition from CELL_DCH to CELL_FACH state (FDD)  | R99               | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
| 8.4.1.6a | RRC / Measurement Control and Report: Inter-frequency measurement for transition from CELL_DCH to CELL_FACH state (TDD)  | R99               | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.4.1.7  | RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_FACH to CELL_DCH state (FDD)  | R99               | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
| 8.4.1.7a | RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_FACH to CELL_DCH state (TDD)  | R99               | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.4.1.8  | RRC / Measurement Control and Report: Inter-frequency measurement for transition from CELL_FACH to CELL_DCH state (FDD)  | R99               | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
| 8.4.1.8a | RRC / Measurement Control and Report: Inter-frequency measurement for transition from CELL_FACH to CELL_DCH state (TDD)  | R99               | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service |  |             |
| 8.4.1.9  | RRC / Measurement Control and Report: Unsupported measurement in the UE  | R99               | C09           | UEs supporting FDD and not supporting Inter-system measurement for GSM.  |  |             |
| 8.4.1.10 | RRC / Measurement Control and Report: Failure (Invalid Message Reception)  | R99               | C01           | UEs supporting FDD.  |  |             |
| 8.4.1.11 | Void   |                   |               |  |  |             |
| 8.4.1.12 | Void   |                   |               |  |  |             |
| 8.4.1.13 | Void   |                   |               |  |  |             |
| 8.4.1.14 | RRC / Measurement Control and Report: Cell forbidden to affect reporting range   | R99               | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                          | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.15 | RRC / Measurement Control and Report Incomplete  | R99               | C01           | UEs supporting FDD.  |  |             |
| 8.4.1.16 | RRC / Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_FACH state        | R99               | C06           | UEs supporting FDD and supporting PS bearer service  | 1 Execution: PS  |             |
|          |  |                   | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.                                 |  |             |

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| 8.4.1.17  | RRC / Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_DCH state  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
|           |   |         | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.4.1.18  | RRC / Measurement Control and Report: Traffic volume measurement for transition from CELL_FACH state to CELL_DCH state  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS  |             |
|           |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service              |  |             |
| 8.4.1.18a | Measurement Control and Report: Traffic volume measurement for transition from Enhanced CELL_FACH state (common E-DCH in UL and HS-DSCH DL) to CELL_DCH state | Rel-8   | C647          | UEs supporting FDD and E-DCH in CELL_FACH   | 1 Execution: PS preferred  |             |
|           |   | Rel-9   | C758          | UEs supporting 1.28Mcps TDD and HS-PDSCH in CELL_FACH   |  |             |
| 8.4.1.19  | RRC / Measurement Control and Report: Traffic volume measurement for transition from CELL_DCH to CELL_FACH state  | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS  |             |
|           |   |         | C52           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and supporting PS bearer service              |  |             |
| 8.4.1.20  | Void  |         |               |   |  |             |
| 8.4.1.21  | Void  |         |               |   |  |             |
| 8.4.1.22  | RRC / Measurement Control and Report: Quality measurements  | R99     | C01           | UEs supporting FDD.   |  |             |
| 8.4.1.23  | RRC / Measurement Control and Report: Intra-frequency measurement for events 1C and 1D  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.24  | RRC / Measurement Control and Report: Inter-frequency measurement for event 2A  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.24a | RRC / Measurement Control and Report: Inter-band measurement for event 2A   | R99     | C481d         | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and multiple FDD bands simultaneously. | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.25  | RRC / Measurement Control and Report: Inter-frequency measurement for events 2B and 2E  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.25a | RRC / Measurement Control and Report: Inter-band measurement for events 2B and 2E   | R99     | C481d         | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and multiple FDD bands simultaneously. | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.26  | RRC / Measurement Control and Report: Measurement for events 2D and 2F  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.27  | RRC / Measurement Control and Report: UE internal measurement for events 6A and 6B  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)                                       | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |

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| 8.4.1.28  | RRC / Measurement Control and Report: UE internal measurement for events 6F and 6G                                    | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.28a | RRC / Measurement Control and Report: UE internal measurement for events 6F (1.28 Mcps TDD)                           | Rel-4   | C03           | UEs supporting 1.28 Mcps TDD (LCR TDD)  |  |             |
| 8.4.1.29  | RRC / Measurement Control and Report: Event based Traffic Volume measurement in CELL_FACH state                       | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS  |             |
| 8.4.1.30  | RRC / Measurement Control and Report: Event based Traffic Volume measurement in CELL_DCH state                        | R99     | C06           | UEs supporting FDD and supporting PS bearer service   | 1 Execution: PS  |             |
| 8.4.1.31  | RRC / Measurement Control and Report: Inter-RAT measurement in CELL_DCH state   | R99     | C95           | UEs supporting FDD and GSM and supporting speech.   | 1 Execution: CS  |             |
| 8.4.1.32  | Void  |         |               |   |  |             |
| 8.4.1.33  | Measurement Control and Report: Inter-RAT measurement, event 3a   | R99     | C05d          | UEs supporting FDD and GSM and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.34  | Measurement Control and Report: Inter-RAT measurement, event 3b   | R99     | C05d          | UEs supporting FDD and GSM and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.35  | Measurement Control and Report: Inter-RAT measurement, event 3c   | R99     | C05d          | UEs supporting FDD and GSM and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.36  | Measurement Control and Report: Inter-RAT measurement, event 3d   | R99     | C05d          | UEs supporting FDD and GSM and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.37  | Measurement Control and Report: UE internal measurement, event 6c   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.38  | Measurement Control and Report: UE internal measurement, event 6d   | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.39  | Measurement Control and Report: UE internal measurement, event 6e   | R99     | C01           | UEs supporting FDD.   |  |             |
| 8.4.1.40  | Measurement Control and Report: Inter-RAT measurement event 3C in CELL_DCH state using sparse compressed mode pattern | R99     | C369          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) and GSM and requiring interRAT uplink or downlink compressed mode.    | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.41  | Measurement Control and Report: Additional Measurements list  | R99     | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.42  | Measurement Control and Report: Change of Compressed Mode Method  | R99     | C596          | UEs supporting FDD and PS domain services and CS domain services, speech or transparent CS data and requiring inter-frequency uplink or downlink compressed mode. | 1 Execution: CS+PS   |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative)                                    | Release RAT |
|-----------|--|---------|---------------|---|--|-------------|
| 8.4.1.43  | Measurement Control and Report: Compressed Mode Reconfiguration  | R99     | C359          | UEs supporting FDD and PS domain services and CS domain services and requiring inter-frequency uplink or downlink compressed mode.                    |  |             |
| 8.4.1.44  | RRC / Measurement Control and Report: Intra-frequency measurement for events 1H and 1I (TDD)                                     | R99     | C02           | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option.  |  |             |
| 8.4.1.45  | RRC / Measurement Control and Report: Intra-frequency measurement for events 1G (1.28 Mcps TDD)                                  | Rel-4   | C03           | UEs supporting 1.28 Mcps TDD (LCR TDD)  |  |             |
| 8.4.1.46  | Void   |         |               |   |  |             |
| 8.4.1.47  | RRC / Measurement Control and Report: Event triggered periodic measurements for event 1B (FDD)                                   | Rel-5   | C01d          | UEs supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.48  | RRC/ Measurement Control and Report: Combined Inter-frequency measurement for event 2b and Inter-RAT measurement, event 3a (FDD) | R99     | C05d          | UEs supporting FDD and GSM and ((CS bearer service and CS call establishment) or PS bearer service)   | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.48a | Measurement Control and Report: Combined Inter-frequency measurement for event 2b and Inter-RAT measurement, event 3a (TDD)      | Rel-7   | C56           | UEs supporting TDD and GSM.   | 1 or 2 Executions: CS, PS  |             |
| 8.4.1.49  | Measurement Control and Report: Intra-frequency measurement for event 1J   | Rel-6   | C408          | UEs supporting FDD and HS-PDSCH and E-DPDCH   | 1 Execution: PS  |             |
| 8.4.1.50  | Measurement reporting when moving from CELL_PCH to CELL_FACH   | Rel-7   | C616          | UEs supporting FDD and HS-PDSCH in CELL_PCH and URA_PCH   | 1 Execution: PS  |             |
| 8.4.1.51  | Measurement Control and Report: Inter-frequency measurement for events 2C for CSG cells  | Rel-9   | C811          | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) , CSG and support of inter-frequency SI acquisition for HO | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.52  | Measurement Control and Report: Inter-frequency measurement for events 2B for CSG cells  | Rel-9   | C811          | UE supporting FDD and ((CS bearer service and CS call establishment) or PS bearer service) , CSG and support of inter-frequency SI acquisition for HO | 1 or 2 Executions: CS ( only if CS call establishment is supported ), PS |             |
| 8.4.1.53  | Measurement Control and Report: Application layer measurement  | Rel-14  | C923          | UEs supporting FDD and PS domain services and QoE Measurement Collection for streaming services   | 1 Execution: PS  |             |
| 8.4.1.54  | Void   |         |               |   |  |             |
| 8.4.1.55  | Void   |         |               |   |  |             |
| 8.4.1.56  | Cell Update: application layer measurement report available in URA_PCH   | Rel-14  | C923          | UEs supporting FDD and PS domain services and QoE Measurement Collection for streaming services   | 1 Execution: PS  |             |
| 8.4.1.57  | Cell Update: application layer measurement report available in CELL_PCH  | Rel-14  | C923          | UEs supporting FDD and PS domain services and QoE Measurement Collection for streaming services   | 1 Execution: PS  |             |

| Clause   | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|----------|--|---------|---------------|---|---------------------------------------|-------------|
| 8.4.1.58 | Cell Update: application layer measurement report available in CELL_FACH               | Rel-14  | C923          | UEs supporting FDD and PS domain services and QoE Measurement Collection for streaming services                               | 1 Execution: PS                       |             |
| 8.5.1.1  | MBMS PTP Session Start at MCCH Acquisition in Idle mode / MBMS Selected Service        | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.1.1m | MBMS PTP Session Start at MCCH Acquisition in Idle mode / MBMS Multicast Service       | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.1.2  | MBMS PTP Session Start at MCCH Notification in CELL_PCH / MBMS Selected Service        | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.1.2m | MBMS PTP Session Start at MCCH Notification in CELL_PCH / MBMS Multicast Service       | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.1.3  | MBMS PTM Session Start at MCCH Acquisition in CELL_FACH state / MBMS Broadcast Service | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.1.3m | MBMS PTM Session Start at MCCH Acquisition in CELL_FACH state / MBMS Multicast Service | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.1.4  | MBMS PTM Session Start at MCCH Notification in CELL_DCH state / MBMS Broadcast Service | Rel-6   | C479          | UEs supporting FDD and PS domain services and MBMS broadcast services and MBMS p-t-m reception in CELL_DCH state.             | 1 Execution: PS                       |             |

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|          |   |         | C573          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services and MBMS p-t-m reception in CELL_DCH state. |                                       |             |
| 8.5.1.4m | MBMS PTM Session Start at MCCH Notification in CELL_DCH state / MBMS Multicast Service  | Rel-6   | C544          | UEs supporting FDD and PS domain services and MBMS multicast services and MBMS p-t-m reception in CELL_DCH state.  | 1 Execution: PS                       |             |
|          |   |         | C574          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services and MBMS p-t-m reception in CELL_DCH state. |                                       |             |
| 8.5.1.5  | MBMS PTM Session Start at MCCH Acquisition in CELL_DCH (for a non-MBMS service) when entering into an MBMS cell (UE capable of MBMS p-t-m reception in CELL_DCH) / MBMS Broadcast Service | Rel-6   | C479          | UEs supporting FDD and PS domain services and MBMS broadcast services and MBMS p-t-m reception in CELL_DCH state.  | 1 Execution: PS                       |             |
|          |   |         | C573          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services and MBMS p-t-m reception in CELL_DCH state. |                                       |             |
| 8.5.1.5m | MBMS PTM Session Start at MCCH Acquisition in CELL_DCH (for a non-MBMS service) when entering into an MBMS cell (UE capable of MBMS p-t-m reception in CELL_DCH) / MBMS Multicast Service | Rel-6   | C544          | UEs supporting FDD and PS domain services and MBMS multicast services and MBMS p-t-m reception in CELL_DCH state.  | 1 Execution: PS                       |             |
|          |   |         | C574          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services and MBMS p-t-m reception in CELL_DCH state. |                                       |             |
| 8.5.1.6  | Void  |         |               |  |                                       |             |
| 8.5.1.6m | Void  |         |               |  |                                       |             |
| 8.5.1.7  | Void  |         |               |  |                                       |             |
| 8.5.1.7m | Void  |         |               |  |                                       |             |
| 8.5.1.8  | Void  |         |               |  |                                       |             |
| 8.5.1.9  | MBMS PTM Session Start at MCCH Notification in Idle Mode / MBMS Broadcast Service   | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.   | 1 Execution: PS                       |             |
|          |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services.  |                                       |             |
| 8.5.1.9m | MBMS PTM Session Start at MCCH Notification in Idle Mode / MBMS Multicast Service   | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.   | 1 Execution: PS                       |             |



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|           |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.1.10  | Void  |         |               |   |                                       |             |
| 8.5.1.11  | MBMS PTP Session Start at MCCH Notification in Idle Mode / MBMS Selected Service  | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|           |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.1.11m | MBMS PTP Session Start at MCCH Notification in Idle Mode / MBMS Multicast Service | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|           |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.1.12  | MBMS PTP Session Start at MCCH Notification in URA_PCH / MBMS Selected Service    | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|           |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.1.12m | MBMS PTP Session Start at MCCH Notification in URA_PCH / MBMS Multicast Service   | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|           |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.1.13  | MBMS PTP Session Start at MCCH Notification in CELL_FACH / MBMS Selected Service  | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|           |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.1.13m | MBMS PTP Session Start at MCCH Notification in CELL_FACH / MBMS Multicast Service | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|           |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.1.14  | MBMS PTM Session Start at MCCH Acquisition / MBSFN mode (3.84/7.68 Mcps TDD)      | Rel-7   | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode  | 1 Execution: PS                       |             |

| Clause   | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|----------|---|---------|---------------|---|---------------------------------------|-------------|
|          |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode   |                                       |             |
|          |   |         | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode   |                                       |             |
| 8.5.1.15 | MBMS PTM Session Start at MCCH Notification / MBSFN mode (3.84/7.68 Mcps TDD)           | Rel-7   | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode  | 1 Execution: PS                       |             |
|          |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode   |                                       |             |
|          |   |         | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode   |                                       |             |
| 8.5.2.1  | MBMS PTP Session Reconfiguration - Change of Activated Service / MBMS Selected Service  | Rel-6   | C553          | UEs supporting FDD and PS domain services and MBMS broadcast services and MBMS MCCH reception in CELL_DCH state and MBMS service change for a ptp RB.   | 1 Execution: PS                       |             |
|          |   |         | C575          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services and MCCH reception in cell_DCH state and MBMS service change for a ptp RB. |                                       |             |
| 8.5.2.1m | MBMS PTM Session Reconfiguration - Change of Activated Service / MBSFN mode             | Rel-7   | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode.   | 1 Execution: PS                       |             |
| 8.5.2.2  | MBMS PTM Session Reconfiguration - Transfer mode change to PTP / MBMS Selected Service  | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services.   |                                       |             |
| 8.5.2.2m | MBMS PTM Session Reconfiguration - Transfer mode change to PTP / MBMS Multicast Service | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services.   |                                       |             |
| 8.5.2.3  | MBMS PTP Session Reconfiguration - Transfer mode change to PTM / MBMS Selected Service  | Rel-6   | C551          | UEs supporting FDD and PS domain services and MBMS broadcast services and MBMS MCCH reception in CELL_DCH state.  | 1 Execution: PS                       |             |
|          |   |         | C576          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services and MCCH reception in cell_DCH state.                                      |                                       |             |

| Clause   | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|----------|--|---------|---------------|--|---------------------------------------|-------------|
| 8.5.2.3m | MBMS PTP Session Reconfiguration - Transfer mode change to PTM / MBMS Multicast Service  | Rel-6   | C552          | UEs supporting FDD and PS domain services and MBMS multicast services and MBMS MCCH reception in CELL_DCH state.   | 1 Execution: PS                       |             |
|          |  |         | C577          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services and MCCH reception in cell_DCH state. |                                       |             |
| 8.5.2.4  | MBMS PTM Session Reconfiguration – MTCH data rate change / MBMS Broadcast Service  | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.   | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services.                                      |                                       |             |
| 8.5.2.4m | MBMS PTM Session Reconfiguration – MTCH data rate change / MBMS Multicast Service  | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.   | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services.                                      |                                       |             |
| 8.5.2.5  | MBMS PTM Session Reconfiguration - MTCH data rate change / MBSFN mode (FDD/3.84/7.68 Mcps TDD)                                   | Rel-7   | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode   | 1 Execution: PS                       |             |
|          |  |         | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|          |  |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
| 8.5.3.1  | MBMS Session Start (Frequency Layer Convergence)/Session Stop (Frequency Layer Dispersion) in Idle mode / MBMS Selected Service  | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.   | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services.                                      |                                       |             |
| 8.5.3.1m | MBMS Session Start (Frequency Layer Convergence)/Session Stop (Frequency Layer Dispersion) in Idle mode / MBMS Multicast Service | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS broadcast services.   | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services.                                      |                                       |             |

| Clause   | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|----------|--|---------|---------------|---|---------------------------------------|-------------|
| 8.5.3.2  | MBMS Session Start (Frequency Layer Convergence)/Session Stop (Frequency Layer Dispersion) in CELL_PCH / MBMS Broadcast Service  | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.3.2m | MBMS Session Start (Frequency Layer Convergence)/Session Stop (Frequency Layer Dispersion) in CELL_PCH / MBMS Multicast Service  | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.3.3  | MBMS Session Start (Frequency Layer Convergence)/Session Stop (Frequency Layer Dispersion) in CELL_FACH / MBMS Broadcast Service | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.3.3m | MBMS Session Start (Frequency Layer Convergence)/Session Stop (Frequency Layer Dispersion) in CELL_FACH / MBMS Multicast Service | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.3.4  | MBMS Session Stop with Frequency Layer Dispersion - no previous frequency layer available (Idle Mode) / MBMS Broadcast Service   | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.3.4m | MBMS Session Stop with Frequency Layer Dispersion - no previous frequency layer available (Idle Mode) / MBMS Multicast Service   | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |

| Clause   | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 8.5.3.5  | MBMS Session Stop with Frequency Layer Dispersion - no previous frequency layer available (URA_PCH) / MBMS Broadcast Service       | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.3.5m | MBMS Session Stop with Frequency Layer Dispersion - no previous frequency layer available (URA_PCH) / MBMS Multicast Service       | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.3.6  | MBMS Session Stop with Frequency Layer Dispersion - no previous frequency layer available (CELL_FACH) / MBMS Broadcast Service     | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.3.6m | MBMS Session Stop with Frequency Layer Dispersion - no previous frequency layer available (CELL_FACH) / MBMS Multicast Service     | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.4.1  | Transmission of the MBMS Selected Services Information when entering RRC connected mode and CELL_DCH state / MBMS Selected Service | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.4.2  | Modification of the MBMS Selected Services list whilst in URA_PCH & Cell_FACH / MBMS Selected Service                              | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.4.3  | Testing of the MBMS Selected Services indication from the network whilst in CELL_DCH / MBMS Selected Service                       | Rel-6   | C551          | UEs supporting FDD and PS domain services and MBMS broadcast services and MBMS MCCH reception in CELL_DCH state.              | 1 Execution: PS                       |             |

| Clause   | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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|          |   |         | C576          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services and MCCH reception in cell_DCH state. |                                       |             |
| 8.5.5.1  | MBMS Counting in Idle Mode / MBMS Selected Service    | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.   | 1 Execution: PS                       |             |
|          |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services.                                      |                                       |             |
| 8.5.5.1m | MBMS Counting in Idle Mode / MBMS Multicast Service   | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.   | 1 Execution: PS                       |             |
|          |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services.                                      |                                       |             |
| 8.5.5.2  | MBMS Counting in CELL_FACH / MBMS Selected Service    | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.   | 1 Execution: PS                       |             |
|          |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services.                                      |                                       |             |
| 8.5.5.2m | MBMS Counting in CELL_FACH / MBMS Multicast Service   | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.   | 1 Execution: PS                       |             |
|          |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services.                                      |                                       |             |
| 8.5.5.3  | MBMS No Counting in CELL_DCH / MBMS Selected Service  | Rel-6   | C551          | UEs supporting FDD and PS domain services and MBMS broadcast services and MBMS MCCH reception in CELL_DCH state.   | 1 Execution: PS                       |             |
|          |   |         | C576          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services and MCCH reception in cell_DCH state. |                                       |             |
| 8.5.5.3m | MBMS No Counting in CELL_DCH / MBMS Multicast Service | Rel-6   | C552          | UEs supporting FDD and PS domain services and MBMS multicast services and MBMS MCCH reception in CELL_DCH state.   | 1 Execution: PS                       |             |
|          |   |         | C577          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services and MCCH reception in cell_DCH state. |                                       |             |

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| 8.5.5.4  | MBMS Counting in CELL_PCH / MBMS Selected Service   | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.5.4m | MBMS Counting in CELL_PCH / MBMS Multicast Service  | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.5.5  | Void  |         |               |   |                                       |             |
| 8.5.5.6  | Void  |         |               |   |                                       |             |
| 8.5.5.7  | RRC Connection establishment for MBMS Counting :Success after T318 Timeout/ MBMS Selected Service                   | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.5.7m | RRC Connection establishment for MBMS Counting :Success after T318 Timeout / MBMS Multicast Service                 | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.5.8  | RRC Connection establishment for MBMS Counting :Success after MAC Layer Failure Indication/ MBMS Selected Service   | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |   |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.5.8m | RRC Connection establishment for MBMS Counting :Success after MAC Layer Failure Indication / MBMS Multicast Service | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.6.1  | MBMS Controlling Cell Change - Idle mode - Frequency Layer Convergence – HCS Not Used / MBMS Selected Service       | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |

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|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.6.1m | MBMS Controlling Cell Change - Idle mode - Frequency Layer Convergence – HCS Not Used / MBMS Multicast Service | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.6.2  | MBMS controlling cell change in CELL_FACH during ongoing session / MBMS Broadcast Service                      | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.6.2m | MBMS Controlling Cell Change in CELL_FACH during ongoing session / MBMS Multicast Service                      | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.6.3  | MBMS Controlling Cell Change in CELL_PCH during ongoing Session / MBMS Broadcast Service                       | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.6.3m | MBMS Controlling Cell Change in CELL_PCH during ongoing Session / MBMS Multicast Service                       | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
|          |  |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services. |                                       |             |
| 8.5.6.4  | MBMS Controlling Cell Change - Idle mode - Frequency Layer Convergence – With HCS / MBMS Selected Service      | Rel-6   | C478          | UEs supporting FDD and PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
|          |  |         | C571          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services. |                                       |             |
| 8.5.6.4m | MBMS Controlling Cell Change - Idle mode - Frequency Layer Convergence – With HCS / MBMS Multicast Service     | Rel-6   | C543          | UEs supporting FDD and PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |



| Clause   | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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|          |   |         | C572          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services.  |                                       |             |
| 8.5.6.5  | MBMS Controlling Cell Change in CELL_DCH during ongoing Session / MBMS Broadcast Service              | Rel-6   | C479          | UEs supporting FDD and PS domain services and MBMS broadcast services and MBMS p-t-m reception in CELL_DCH state.  | 1 Execution: PS                       |             |
|          |   |         | C573          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS broadcast services and MBMS p-t-m reception in CELL_DCH state. |                                       |             |
| 8.5.6.5m | MBMS Controlling Cell Change in CELL_DCH during ongoing Session / MBMS Multicast Service              | Rel-6   | C544          | UEs supporting FDD and PS domain services and MBMS multicast services and MBMS p-t-m reception in CELL_DCH state.  | 1 Execution: PS                       |             |
|          |   |         | C574          | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and MBMS multicast services and MBMS p-t-m reception in CELL_DCH state. |                                       |             |
| 8.5.7.1  | Cell Update: cell reselection in CELL_PCH (unicast carrier) during ongoing MBMS session in MBSFN mode | Rel-7   | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode   | 1 Execution: PS                       |             |
|          |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|          |   |         | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|          |   | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB   |                                       |             |
| 8.5.7.2  | Re-acquire MCCH - modified MBSFN inter frequency neighbour list / All MBSFN services notified         | Rel-7   | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode   | 1 Execution: PS                       |             |
|          |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|          |   |         | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|          |   | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB   |                                       |             |
| 8.5.7.3  | Re-acquire MCCH - modified MBSFN inter frequency neighbour list / MBSFN services not notified         | Rel-7   | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode   | 1 Execution: PS                       |             |
|          |   |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |

| Clause   | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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|          |  |         | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|          |  | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB   |                                       |             |
| 8.5.7.4  | MBSFN TDM Information / TDM services demultiplexing  | Rel-7   | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode   | 1 Execution: PS                       |             |
|          |  |         | C643          | UEs supporting 1.28 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|          |  |         | C599          | UEs supporting 3.84 or 7.68 Mcps TDD option and MBMS broadcast services in MBSFN mode  |                                       |             |
|          |  | Rel-8   | C664          | UEs supporting 3.84 Mcps TDD IMB   |                                       |             |
| 8.5.7.5  | MBSFN Session Reconfiguration / Change of MBSFN Cluster frequency on notification via MCCH   | Rel-7   | C642          | UEs supporting FDD and MBMS broadcast services in MBSFN mode.  | 1 Execution: PS                       |             |
| 8.6.2.1  | Logged MDT / Intra-frequency measurement, logging and reporting / Idle mode  | Rel-10  | C838          | UE Supporting logged measurement in Idle mode and PCH States   | 1 Execution: CS+PS preferred          |             |
| 8.6.2.1a | Logged MDT / Intra-frequency measurement, logging and reporting / Idle mode/ PLMN list   | Rel-11  | C838          | UE Supporting logged measurement in Idle mode and PCH States   |                                       |             |
| 8.6.2.2  | Logged MDT / Intra-frequency measurement, logging and reporting / CELL_PCH   | Rel-10  | C838          | UE Supporting logged measurement in Idle mode and PCH States   | 1 Execution: CS+PS preferred          |             |
| 8.6.2.2a | Logged MDT / Intra-frequency measurement, logging and reporting / CELL_PCH/ PLMN list  | Rel-11  | C838          | UE Supporting logged measurement in Idle mode and PCH States   |                                       |             |
| 8.6.2.3  | Logged MDT / Inter-frequency measurement, logging and reporting / URA_PCH  | Rel-10  | C838          | UE Supporting logged measurement in Idle mode and PCH States   | 1 Execution: CS+PS preferred          |             |
| 8.6.2.3a | Logged MDT / Inter-frequency measurement, logging and reporting / URA_PCH/ PLMN list   | Rel-11  | C838          | UE Supporting logged measurement in Idle mode and PCH States   |                                       |             |
| 8.6.2.4  | Logged MDT / Intra-frequency measurement, logging and reporting / Idle mode / Limiting area scope  | Rel-10  | C838          | UE Supporting logged measurement in Idle mode and PCH States   | 1 Execution: CS+PS preferred          |             |
| 8.6.2.4a | Logged MDT / Intra-frequency measurement, logging and reporting / Idle mode / Limiting area scope / Cell ID list with PLMN identity      | Rel-11  | C838          | UE Supporting logged measurement in Idle mode and PCH States   |                                       |             |
| 8.6.2.5  | Logged MDT / Release of logged MDT measurement configuration / Expire of duration timer  | Rel-10  | C838          | UE Supporting logged measurement in Idle mode and PCH States   | 1 Execution: CS+PS preferred          |             |
| 8.6.2.6  | Logged MDT / Release of logged MDT measurement configuration / Reception of new logged measurement configuration, Detach or UE power off | Rel-10  | C838          | UE Supporting logged measurement in Idle mode and PCH States   | 1 Execution: CS+PS preferred          |             |
| 8.6.2.7  | Logged MDT / Maintaining logged measurement configuration / UE state transitions and mobility  | Rel-10  | C838          | UE Supporting logged measurement in Idle mode and PCH States   | 1 Execution: CS+PS preferred          |             |
| 8.6.2.8  | Logged MDT / Reporting / Location information  | Rel-10  | C838a         | UE Supporting logged measurement in Idle mode and PCH States and supporting standalone location method to provide detailed location information in logged measurements | 1 Execution: CS+PS preferred          |             |

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| 8.6.2.9 | Logged MDT / Logging and reporting / PLMN list / PLMN change   | Rel-11  | C838          | UE Supporting logged measurement in Idle mode and PCH States  |                                       |             |
| 8.6.3.1 | Logged MDT / E-UTRAN Inter-RAT measurement, logging and reporting / Idle mode                            | Rel-10  | C850          | UE Supporting E-UTRA and logged measurement in Idle mode and PCH States   |                                       |             |
| 8.6.3.2 | Logged MDT / GERAN Inter-RAT measurement, logging and reporting / Idle mode                              | Rel-10  | C849          | UE Supporting GSM and logged measurement in Idle mode and PCH States  |                                       |             |
| 8.6.3.3 | Logged MDT / Maintaining logged measurement configuration / UTRAN to E-UTRAN Inter-RAT mobility          | Rel-10  | C850          | UE Supporting E-UTRA and logged measurement in Idle mode and PCH States   |                                       |             |
| 8.6.3.4 | Logged MDT / Maintaining logged measurement configuration / UTRAN to GERAN Inter-RAT mobility            | Rel-10  | C849          | UE Supporting GSM and logged measurement in Idle mode and PCH States  |                                       |             |
| 8.6.4.1 | Connection Establishment Failure logging / Logging and reporting / T300 expiry                           | Rel-11  | C872          | UEs supporting Connection Establishment Failure logging   |                                       |             |
| 8.6.4.2 | Connection Establishment Failure logging / Logging and reporting / Physical channel failure              | Rel-11  | C872          | UEs supporting Connection Establishment Failure logging   |                                       |             |
| 8.6.4.3 | Connection Establishment Failure logging / Logging and reporting / Invalid RRC CONNECTION SETUP message  | Rel-11  | C872          | UEs supporting Connection Establishment Failure logging   |                                       |             |
| 8.6.4.4 | Connection Establishment Failure logging / Logging and reporting / RRC CONNECTION REJECT message         | Rel-11  | C872          | UEs supporting Connection Establishment Failure logging   |                                       |             |
| 8.6.4.5 | Connection Establishment Failure logging / Logging and reporting / Invalid RRC CONNECTION REJECT message | Rel-11  | C872          | UEs supporting Connection Establishment Failure logging   |                                       |             |
| 8.6.4.6 | Connection Establishment Failure logging / Logging and reporting / PLMN change                           | Rel-11  | C872          | UEs supporting Connection Establishment Failure logging   |                                       |             |
| 8.6.4.7 | Connection Establishment Failure logging / Logging and reporting / location information                  | Rel-11  | C872a         | UEs supporting Connection Establishment Failure logging and standalone location method to provide detailed location information |                                       |             |
| 8.6.4.8 | Connection Establishment Failure logging / Logging and reporting / Intra-frequency measurements          | Rel-11  | C872          | UEs supporting Connection Establishment Failure logging   |                                       |             |
| 8.6.4.9 | Connection Establishment Failure logging / Logging and reporting / Inter-frequency measurements          | Rel-11  | C872          | UEs supporting Connection Establishment Failure logging   |                                       |             |
| 8.6.5.1 | Connection Establishment Failure logging / Reporting at E-UTRAN inter-RAT handover                       | Rel-11  | C874          | UEs Supporting E-UTRA and Connection Establishment Failure logging  |                                       |             |
| 8.6.5.2 | Connection Establishment Failure logging / Logging and reporting / E-UTRA Inter-RAT measurements         | Rel-11  | C874          | UEs Supporting E-UTRA and Connection Establishment Failure logging  |                                       |             |
| 8.6.5.3 | Connection Establishment Failure logging / Logging and reporting / GERAN Inter-RAT measurements          | Rel-11  | C873          | UEs Supporting GSM and Connection Establishment Failure logging   |                                       |             |

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| 8.7.1.1  | Intra-UTRA / Intra-frequency ANR measurement, logging and reporting in IDLE Mode / RSCP Absolute Threshold   | Rel-10  | C829          | UEs supporting FDD and PS domain services and UTRAN ANR measurement  | 1 Execution: PS                       |             |
|          |  |         | C829a         | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and UTRAN ANR measurement         |                                       |             |
| 8.7.1.1a | Void   |         |               |  |                                       |             |
| 8.7.1.2  | Intra-UTRA / Intra-frequency ANR measurement, logging and reporting in CELL_PCH / Ec/N0 Absolute Threshold (FDD)   | Rel-10  | C829          | UEs supporting FDD and PS domain services and UTRAN ANR measurement  | 1 Execution: PS                       |             |
| 8.7.1.2a | Intra-UTRA / Intra-frequency ANR measurement, logging and reporting in CELL_PCH (TDD)  | Rel-10  | C829a         | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and UTRAN ANR measurement         | 1 Execution: PS                       |             |
| 8.7.1.3  | Intra-UTRA / Inter-frequency ANR measurement, logging and reporting in URA_PCH / RSCP Relative Threshold   | Rel-10  | C829          | UEs supporting FDD and PS domain services and UTRAN ANR measurement  | 1 Execution: PS                       |             |
|          |  |         | C829a         | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and UTRAN ANR measurement         |                                       |             |
| 8.7.1.3a | Void   |         |               |  |                                       |             |
| 8.7.1.4  | Intra-UTRA / Intra-frequency and Intra-frequency ANR measurement, logging and reporting in IDLE Mode / Ec/N0 Relative Threshold / T327 Expiry / Max Number of ANR Logged Items (FDD) | Rel-10  | C829          | UEs supporting FDD and PS domain services and UTRAN ANR measurement  | 1 Execution: PS                       |             |
| 8.7.1.4a | Intra-UTRA / Inter-frequency and Intra-frequency ANR measurement, logging and reporting in IDLE Mode / T327 Expiry / Max Number of ANR Logged Items (TDD)                            | Rel-10  | C829a         | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and UTRAN ANR measurement         | 1 Execution: PS                       |             |
| 8.7.1.5  | Intra-UTRA / Re-configuration of ANR measurements  | Rel-10  | C829          | UEs supporting FDD and PS domain services and UTRAN ANR measurement  | 1 Execution: PS                       |             |
|          |  |         | C829a         | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and UTRAN ANR measurement         |                                       |             |
| 8.7.1.5a | Void   |         |               |  |                                       |             |
| 8.7.2.1  | Inter-RAT/ ANR measurement, logging and reporting / GERAN cell   | Rel-10  | C829b         | UEs supporting FDD and PS domain services and GSM and UTRAN ANR measurement  | 1 Execution: PS                       |             |
|          |  |         | C829c         | UEs supporting 3.84Mcps TDD option or 1.28Mcps TDD option or 7.68Mcps TDD and PS domain services and GSM and UTRAN ANR measurement |                                       |             |
| 8.7.2.1a | Void   |         |               |  |                                       |             |
| <b>9</b> | <b>MOBILITY MANAGEMENT</b>   |         |               |  |                                       |             |

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| 9.1       | TMSI reallocation  | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |
| 9.2.1     | Authentication accepted  | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |
| 9.2.2     | Authentication rejected  | R99               | C98d          | UEs supporting CS domain services and CS call establishment  | 1 Execution: CS                       |   |
| 9.2.3     | Authentication rejected by the UE (MAC code failure)   | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |
| 9.2.4     | Authentication rejected by the UE (SQN failure)  | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |
| 9.2.5     | Authentication rejected by the UE / fraudulent network   | R99               | C98           | UEs supporting CS domain services  |                                       |   |
| 9.3.1     | General Identification   | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |
| 9.3.2     | Handling of IMSI shorter than the maximum length   | R99               | C98           | UEs supporting CS domain services  |                                       |   |
| 9.4.1     | Location updating / accepted   | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |
| 9.4.2.1   | Location updating / rejected / IMSI invalid  | R99               | C98d          | UEs supporting CS domain services and CS call establishment  | 1 Execution: CS                       |   |
| 9.4.2.2   | Location updating / rejected / PLMN not allowed  | R99               | C98d          | UEs supporting CS domain services and CS call establishment  | 1 Execution: CS                       |   |
| 9.4.2.3   | Location updating / rejected / location area not allowed   | R99               | C98d          | UEs supporting CS domain services and CS call establishment  | 1 Execution: CS                       |   |
| 9.4.2.4.1 | Location updating / rejected / roaming not allowed in this location area / Procedure 1                     | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |
| 9.4.2.4.2 | Location updating / rejected / roaming not allowed in this location area / Procedure 2                     | R99               | C98d          | UEs supporting CS domain services and CS call establishment  | 1 Execution: CS                       |   |
| 9.4.2.4.3 | Location updating / rejected / roaming not allowed in this location area / Procedure 3                     | R99               | C98           | UEs supporting CS domain services  |                                       |   |
| 9.4.2.4.4 | Location updating / rejected / roaming not allowed in this location area / Procedure 4                     | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |
| 9.4.2.4.5 | Location updating / rejected / roaming not allowed in this location area / Procedure 5                     | R99               | C99           | UEs supporting CS domain services<br>UEs supporting USIM removal   |                                       |   |
| 9.4.2.5   | Location updating / rejected / No Suitable Cells In Location Area  | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |
| 9.4.2.6   | Location updating request / rejected / Not authorized for this CSG   | Rel-8             | C651          | UEs supporting CS domain services and CSG  | 1 Execution: CS                       |   |
| 9.4.3.2   | Location updating / abnormal cases / attempt counter less or equal to 4, LAI different                     | R99               | C98           | UEs supporting CS domain services  |                                       |   |
| 9.4.3.3   | Location updating / abnormal cases / attempt counter equal to 4  | R99 to Rel-9 Only | C98e          | UEs supporting CS domain services and CS call establishment and does not support CS congestion control with use of MM Back-off timer | 1 Execution: CS                       |   |
| 9.4.3.3a  | Location updating / abnormal cases / attempt counter equal to 4  | Rel-10            | C98d          | UEs supporting CS domain services and CS call establishment  | 1 Execution: CS                       | Applicable only for devices supporting rel-10 and later |
| 9.4.3.4   | Location updating / abnormal cases / attempt counter less or equal to 4, stored LAI equal to broadcast LAI | R99               | C98           | UEs supporting CS domain services  |                                       |   |
| 9.4.3.5   | Location updating / abnormal cases / Failure due to non-integrity protection                               | R99               | C98           | UEs supporting CS domain services  | 1 Execution: CS                       |   |

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| 9.4.3.6   | Location updating / abnormal cases/ CS domain barred because of domain specific access control  | Rel5    | C411          | UEs supporting CS domain services and CS call establishment and DSAC<br><br>Note:<br>For Rel-5 UEs DSAC support is optional.<br>For Rel-6 or later UEs DSAC support is mandatory. | 1 Execution: CS                       |                                  |
| 9.4.3.7   | Location updating / abnormal cases / Network reject with Extended Wait Timer  | Rel-10  | C864          | UEs supporting CS domain services and LAP   |                                       |                                  |
| 9.4.4     | Location updating / release / expiry of T3240   | R99     | C98           | UEs supporting CS domain services   | 1 Execution: CS                       |                                  |
| 9.4.5.1   | Location updating / periodic spread   | R99     | C98           | UEs supporting CS domain services   |                                       |                                  |
| 9.4.5.2   | Location updating / periodic normal / test 1  | R99     | C98d          | UEs supporting CS domain services and CS call establishment   | 1 Execution: CS                       |                                  |
| 9.4.5.3   | Location updating / periodic normal / test 2  | R99     | C98           | UEs supporting CS domain services   | 1 Execution: CS                       |                                  |
| 9.4.5.4.1 | Location updating / periodic search for HPLMN or higher priority PLMN / UE waits time T   | R99     | C98           | UEs supporting CS domain services   | 1 Execution: CS                       |                                  |
| 9.4.5.4.2 | Location updating / periodic search for HPLMN or higher priority PLMN / UE in manual mode   | R99     | C98           | UEs supporting CS domain services   |                                       |                                  |
| 9.4.5.4.3 | Location updating / periodic search for HPLMN or higher priority PLMN / UE waits at least two minutes and at most T minutes                     | R99     | C98           | UEs supporting CS domain services   |                                       |                                  |
| 9.4.5.4.4 | Location updating/periodic search of the higher priority PLMN, VPLMN in a foreign country – higher priority/UE is in automatic mode             | R99     | C98           | UEs supporting CS domain services   |                                       |                                  |
| 9.4.5.4.5 | Location updating/periodic search of the higher priority PLMN, VPLMN in a foreign country – lower priority/UE is in automatic mode              | R99     | C98           | UEs supporting CS domain services   |                                       |                                  |
| 9.4.5.4.6 | Location updating/periodic search of the higher priority PLMN, VPLMN in a foreign country – List of EPLMN contain HPLMN/UE is in automatic mode | R99     | C98           | UEs supporting CS domain services   | 1 Execution: CS                       |                                  |
| 9.4.5.4.7 | Location updating / periodic search for HPLMN or higher priority PLMN / UE waits Minimum Periodic search timer                                  | Rel-10  | C865          | UEs supporting CS domain services and MinimumPeriodicSearchTimer  |                                       | Rel-8 UTRA FDD<br>Rel-9 UTRA TDD |
| 9.4.5.5   | Location updating / periodic / per-device timer   | Rel-10  | C875          | UEs supporting CS domain services and LAP and T3212 Extended IE   |                                       | Rel-8 UTRA FDD<br>Rel-9 UTRA TDD |
| 9.4.6     | Location updating / interworking of attach and periodic   | R99     | C98           | UEs supporting CS domain services   |                                       |                                  |

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| 9.4.7      | Location Updating / accept with replacement or deletion of Equivalent PLMN list                     | R99            | C98           | UEs supporting CS domain services   | 1 Execution: CS                       |             |
| 9.4.8      | Location Updating after UE power off  | R99            | C98           | UEs supporting CS domain services   | 1 Execution: CS                       |             |
| 9.4.9      | Location Updating/ Accept, Interaction between Equivalent PLMNs and Forbidden PLMNs                 | R99            | C98           | UEs supporting CS domain services   | 1 Execution: CS                       |             |
| 9.4.10     | NITZ / MM/ Time zone, Time and DST Handling   | Rel-8 (NOTE 1) | C881          | UEs supporting FDD and CS domain services and NITZ (Time: DST or Universal time or Time zone)   | 1 Execution: PS (NOTE 2)              |             |
| 9.4.11     | Location Updating / EAB active  | Rel-11         | C904          | Support EAB configuration and CS domain services  |                                       |             |
| 9.5.2      | MM connection / establishment in security mode  | R99            | C10           | UEs supporting at least one MO CS domain basic services   | 1 Execution: CS                       |             |
| 9.5.3      | Void  |                |               |   |                                       |             |
| 9.5.4      | MM connection / establishment rejected  | R99            | C98d          | UEs supporting CS domain services and CS call establishment   | 1 Execution: CS                       |             |
| 9.5.5      | MM connection / establishment rejected cause 4  | R99            | C98d          | UEs supporting CS domain services and CS call establishment   | 1 Execution: CS                       |             |
| 9.5.6      | MM connection / expiry T3230  | R99            | C98d          | UEs supporting CS domain services and CS call establishment   |                                       |             |
| 9.5.7.1    | MM connection / abortion by the network / cause #6  | R99            | C98d          | UEs supporting CS domain services and CS call establishment   | 1 Execution: CS                       |             |
| 9.5.7.2    | MM connection / abortion by the network / cause not equal to #6                                     | R99            | C100          | UEs supporting CS domain services and CS call establishment<br>UEs supporting at least one non-call related SS  | 1 Execution: CS                       |             |
| 9.5.8.1    | MM connection / follow-on request pending / test 1  | R99            | C98           | UEs supporting CS domain services   |                                       |             |
| 9.5.8.2    | MM connection / follow-on request pending / test 2  | R99            | C98           | UEs supporting CS domain services   |                                       |             |
| 9.5.8.3    | MM connection / follow-on request pending / test 3  | R99            | C98           | UEs supporting CS domain services   |                                       |             |
| 9.5.9      | MM connection / establishment rejected / CS domain barred because of domain specific access control | Rel5           | C411          | UEs supporting CS domain services and CS call establishment and DSAC<br><br>Note:<br>For Rel-5 UEs DSAC support is optional.<br>For Rel-6 or later UEs DSAC support is mandatory. | 1 Execution: CS                       |             |
| <b>10</b>  | <b>CALL CONTROL</b>   |                |               |   |                                       |             |
| 10.1.2.1.1 | Outgoing call / U0 null state / MM connection requested   | R99            | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.2.1 | Outgoing call / U0.1 MM connection pending / CM service rejected                                    | R99            | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |

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| 10.1.2.2.2 | Outgoing call / U0.1 MM connection pending / CM service accepted                                      | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |
| 10.1.2.2.3 | Outgoing call / U0.1 MM connection pending / lower layer failure                                      | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |
| 10.1.2.3.1 | Outgoing call / U1 call initiated / receiving CALL PROCEEDING   | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |
| 10.1.2.3.2 | Outgoing call / U1 call initiated / rejecting with RELEASE COMPLETE                                   | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |
| 10.1.2.3.3 | Outgoing call / U1 call initiated / T303 expiry   | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |
| 10.1.2.3.4 | Outgoing call / U1 call initiated / lower layer failure   | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service |                                       |             |
| 10.1.2.3.5 | Outgoing call / U1 call initiated / receiving ALERTING  | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service |                                       |             |
| 10.1.2.3.6 | Outgoing call / U1 call initiated / entering state U10  | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service |                                       |             |
| 10.1.2.3.7 | Outgoing call / U1 call initiated / unknown message received  | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |
| 10.1.2.4.1 | Outgoing call / U3 Mobile originating call proceeding / ALERTING received                             | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service |                                       |             |
| 10.1.2.4.2 | Outgoing call / U3 Mobile originating call proceeding / CONNECT received                              | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service |                                       |             |
| 10.1.2.4.3 | Outgoing call / U3 Mobile originating call proceeding / PROGRESS received without in band information | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |
| 10.1.2.4.4 | Outgoing call / U3 Mobile originating call proceeding / PROGRESS with in band information             | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |
| 10.1.2.4.5 | Outgoing call / U3 Mobile originating call proceeding / DISCONNECT with in band tones                 | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service |                                       |             |
| 10.1.2.4.6 | Outgoing call / U3 Mobile originating call proceeding / DISCONNECT without in band tones              | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |
| 10.1.2.4.7 | Outgoing call / U3 Mobile originating call proceeding / RELEASE received                              | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service | 1 Execution: CS                       |             |



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| 10.1.2.4.8  | Outgoing call / U3 Mobile originating call proceeding / termination requested by the user | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.4.9  | Outgoing call / U3 Mobile originating call proceeding / traffic channel allocation        | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.4.10 | Outgoing call / U3 Mobile originating call proceeding / timer T310 time-out               | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.4.11 | Outgoing call / U3 Mobile originating call proceeding / lower layer failure               | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.4.12 | Outgoing call / U3 Mobile originating call proceeding / unknown message received          | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.4.13 | Outgoing call / U3 Mobile originating call proceeding / Internal alerting indication      | R99     | C13           | UEs supporting mobile originated circuit switched basic service for telephony |                                       |             |
| 10.1.2.5.1  | Outgoing call / U4 call delivered / CONNECT received                                      | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.5.2  | Outgoing call / U4 call delivered / termination requested by the user                     | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.5.3  | Outgoing call / U4 call delivered / DISCONNECT with in band tones                         | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.5.4  | Outgoing call / U4 call delivered / DISCONNECT without in band tones                      | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.5.5  | Outgoing call / U4 call delivered / RELEASE received                                      | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.5.6  | Outgoing call / U4 call delivered / lower layer failure                                   | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.5.7  | Outgoing call / U4 call delivered / traffic channel allocation                            | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.5.8  | Outgoing call / U4 call delivered / unknown message received                              | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.6.1  | U10 active / termination requested by the user  | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.6.2  | U10 active / RELEASE received   | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |

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| 10.1.2.6.3 | U10 active / DISCONNECT with in band tones                                | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.6.4 | U10 active / DISCONNECT without in band tones                             | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.6.5 | U10 active / RELEASE COMPLETE received                                    | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.6.6 | U10 active / SETUP received   | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.7.1 | U11 disconnect request / clear collision                                  | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.7.2 | U11 disconnect request / RELEASE received                                 | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.7.3 | U11 disconnect request / timer T305 time-out                              | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.7.4 | U11 disconnect request / lower layer failure                              | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.7.5 | U11 disconnect request / unknown message received                         | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |
| 10.1.2.8.1 | U12 disconnect indication / call releasing requested by the user          | R99     | C13           | UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony |                                       |             |
| 10.1.2.8.2 | U12 disconnect indication / RELEASE received                              | R99     | C13           | UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony |                                       |             |
| 10.1.2.8.3 | U12 disconnect indication / lower layer failure                           | R99     | C13           | UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony |                                       |             |
| 10.1.2.8.4 | U12 disconnect indication / unknown message received                      | R99     | C13           | UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony |                                       |             |
| 10.1.2.9.1 | Outgoing call / U19 release request / timer T308 time-out                 | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.2.9.2 | Outgoing call / U19 release request / 2 <sup>nd</sup> timer T308 time-out | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service  |                                       |             |

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| 10.1.2.9.3 | Outgoing call / U19 release request / RELEASE received                                  | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service   |                                       |             |
| 10.1.2.9.4 | Outgoing call / U19 release request / RELEASE COMPLETE received                         | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service   |                                       |             |
| 10.1.2.9.5 | Outgoing call / U19 release request / lower layer failure                               | R99     | C10           | UEs supporting at least one mobile originated circuit switched basic service   |                                       |             |
| 10.1.3.1.1 | Incoming call / U0 null state / SETUP received with a non supported bearer capability   | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service All UEs.                                 |                                       |             |
| 10.1.3.2.1 | Incoming call / U6 call present / automatic call rejection                              | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  |                                       |             |
| 10.1.3.3.1 | Incoming call / U9 mobile terminating call confirmed / alerting or immediate connecting | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.3.3.2 | Incoming call / U9 mobile terminating call confirmed / DTCH assignment                  | R99     | C41           | UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.                | 1 Execution: CS                       |             |
| 10.1.3.3.3 | Void  |         |               |  |                                       |             |
| 10.1.3.3.4 | Incoming call / U9 mobile terminating call confirmed / DISCONNECT received              | R99     | C41           | UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.                | 1 Execution: CS                       |             |
| 10.1.3.3.5 | Incoming call / U9 mobile terminating call confirmed / RELEASE received                 | R99     | C41           | UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.                |                                       |             |
| 10.1.3.3.6 | Incoming call / U9 mobile terminating call confirmed / lower layer failure              | R99     | C41           | UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.                |                                       |             |
| 10.1.3.3.7 | Incoming call / U9 mobile terminating call confirmed / unknown message received         | R99     | C41           | UEs supporting at least MT circuit switched basic service, for which immediate connect is not used.                    |                                       |             |
| 10.1.3.4.1 | Incoming call / U7 call received / call accepted  | R99     | C41           | UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used. | 1 Execution: CS                       |             |
| 10.1.3.4.2 | Incoming call / U7 call received / termination requested by the user                    | R99     | C41           | UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used. |                                       |             |
| 10.1.3.4.3 | Incoming call / U7 call received / DISCONNECT received                                  | R99     | C41           | UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used. |                                       |             |
| 10.1.3.4.4 | Incoming call / U7 call received / RELEASE received                                     | R99     | C41           | UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used. |                                       |             |

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| 10.1.3.4.5 | Incoming call / U7 call received / lower layer failure                               | R99     | C41           | UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.                             |                                       |             |
| 10.1.3.4.6 | Incoming call / U7 call received / unknown message received                          | R99     | C41           | UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.                             |                                       |             |
| 10.1.3.4.7 | Incoming call / U7 call received / DTCH assignment                                   | R99     | C41           | UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.                             |                                       |             |
| 10.1.3.4.8 | Incoming call / U7 call received / RELEASE COMPLETE received                         | R99     | C41           | UEs supporting at least one mobile terminating circuit switched basic service, for which immediate connect is not used.                            |                                       |             |
| 10.1.3.5.1 | Incoming call / U8 connect request / CONNECT acknowledged                            | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  |                                       |             |
| 10.1.3.5.2 | Incoming call / U8 connect request / timer T313 time-out                             | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  |                                       |             |
| 10.1.3.5.3 | Incoming call / U8 connect request / termination requested by the user               | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  |                                       |             |
| 10.1.3.5.4 | Incoming call / U8 connect request / DISCONNECT received with in-band information    | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  |                                       |             |
| 10.1.3.5.5 | Incoming call / U8 connect request / DISCONNECT received without in-band information | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  |                                       |             |
| 10.1.3.5.6 | Incoming call / U8 connect request / RELEASE received                                | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  | 1 Execution: CS                       |             |
| 10.1.3.5.7 | Incoming call / U8 connect request / lower layer failure                             | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  |                                       |             |
| 10.1.3.5.8 | Incoming call / U8 connect request / DTCH assignment                                 | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  |                                       |             |
| 10.1.3.5.9 | Incoming call / U8 connect request / unknown message received                        | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service  |                                       |             |
| 10.1.4.1.1 | In-call functions / DTMF information transfer / basic procedures                     | R99     | C13           | UEs supporting any equipment supporting bearer capability for speech= UE supporting mobile originated circuit switched basic service for telephony |                                       |             |
| 10.1.4.2.1 | In-call functions / User notification / UE terminated                                | R99     | C14           | UEs supporting at least one circuit switched basic service   |                                       |             |

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|--------------|---|---------|---------------|---|---------------------------------------|----------------------------------|
| 10.1.4.3.1   | In-call functions / channel changes / a successful channel change in active state/<br>Handover and Assignment Command                           | R99     | C14           | UEs supporting at least one circuit switched basic service  |                                       |                                  |
| 10.1.4.3.2   | In-call functions / channel changes / an unsuccessful channel change in active mode/<br>Handover and Assignment Command                         | R99     | C14           | UEs supporting at least one circuit switched basic service  |                                       |                                  |
| 10.3         | User to user signalling   | R99     | C11           | UEs supporting at least one mobile terminating circuit switched basic service   |                                       |                                  |
| <b>11</b>    | <b>SESSION MANAGEMENT</b>   |         |               |   |                                       |                                  |
| 11.1.1.1     | Attach initiated by context activation/QoS Offered by Network is the QoS Requested  | R99     | C379          | UE supporting PS domain services and user requested PS detach without powering off                                    | 1 Execution: PS                       |                                  |
| 11.1.1.1a    | Attach initiated by context activation/QoS Offered by Network is the QoS Requested/Correct handling of QoS extensions for rates above 8640 kbps | Rel-5   | C372          | UE supporting FDD and HS-PDSCH and downlink rates above 8640 kbps (i.e. FDD HS-DSCH UE Category 9 or 10)              | 1 Execution: PS                       |                                  |
| 11.1.1.2.1   | Void  |         |               |   |                                       |                                  |
| 11.1.1.2.2   | Void  |         |               |   |                                       |                                  |
| 11.1.1.3     | Dual priority / T3396 override  | Rel-11  | C878          | UEs supporting PS domain services and LAP and LAP override  |                                       |                                  |
| 11.1.1.3.3   | Void  |         |               |   |                                       |                                  |
| 11.1.1.4     | Dual priority / T3346 override  | Rel-11  | C878          | UEs supporting PS domain services and LAP and LAP override  |                                       |                                  |
| 11.1.2       | PDP context activation requested by the network, successful and unsuccessful  | R99     | C12           | UE supporting PS bearer services.   |                                       |                                  |
| 11.1.3.1     | Abnormal Cases / T3380 Expiry   | R99     | C12           | UE supporting PS domain services.   |                                       |                                  |
| 11.1.3.2     | Abnormal Cases / Collision of UE initiated and network requested PDP context activation   | R99     | C17           | UE supporting PS domain services configured in such a way that one or more PDP contexts can be active simultaneously. |                                       |                                  |
| 11.1.3.3     | Abnormal Cases / Network initiated PDP context activation request for an already activated PDP context (on the UE side)                         | R99     | C12           | UE supporting PS domain services.   |                                       |                                  |
| 11.1.3.4     | Network reject with Extended Wait Timer   | Rel-10  | C868          | UEs supporting PS domain services and LAP   |                                       | Rel-8 UTRA FDD<br>Rel-9 UTRA TDD |
| 11.1.4.1.1   | Successful secondary PDP context activation procedure initiated by the UE/QoS Offered by Network is the QoS Requested                           | R99     | C62           | UE supporting PS domain services. PDP context activation and secondary PDP context activation by the UE.              |                                       |                                  |
| 11.1.4.1.2.1 | Void  |         |               |   |                                       |                                  |
| 11.1.4.1.2.2 | Void  |         |               |   |                                       |                                  |
| 11.1.4.1.2.3 | Successful secondary PDP context activation procedure Initiated by the UE/LLC SAPI rejected by UE   | R99     | C89           | UEs supporting FDD and GSM, PS bearer service and secondary PDP context activation by the UE.                         |                                       |                                  |
| 11.1.4.2     | Unsuccessful Secondary PDP Context Activation Procedure Initiated by the UE   | R99     | C62           | UE supporting PS domain services. PDP context activation and secondary PDP context activation by the UE.              |                                       |                                  |

| Clause     | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|------------|--|---------|---------------|--|---------------------------------------|-------------|
| 11.1.4.3.1 | Abnormal cases/T3380 Expiry  | R99     | C62           | UE supporting PS domain services. PDP context activation and secondary PDP context activation by the UE.                                 |                                       |             |
| 11.1.5.1   | Successful Secondary PDP Context Activation Procedure Initiated by the Network   | Rel-7   | C62a          | UE supporting PS domain services. PDP context activation and secondary PDP context activation by the network.                            |                                       |             |
| 11.1.5.2   | Successful Secondary PDP Context Activation, Deactivation and Re-activation Initiated by the Network                         | Rel-7   | C62b          | UE supporting UE test loop mode 4 and PS domain services and PDP context activation and secondary PDP context activation by the network. |                                       |             |
| 11.2.1     | Network initiated PDP context modification   | R99     | C12           | UE supporting PS domain services.  |                                       |             |
| 11.2.1a    | Network initiated PDP context modification / Adding and deleting filters to TFT of a secondary PDP context                   | Rel-7   | C62b          | UE supporting UE test loop mode 4 and PS domain services and PDP context activation and secondary PDP context activation by the network. |                                       |             |
| 11.2.1b    | Network initiated PDP context modification / Adding filters to TFT of the Primary PDP context                                | Rel-7   | C62b          | UE supporting UE test loop mode 4 and PS domain services and PDP context activation and secondary PDP context activation by the network. |                                       |             |
| 11.2.2.1   | UE initiated PDP context modification/UE initiated PDP context modification accepted by network                              | R99     | C12           | UE supporting PS domain services.  |                                       |             |
| 11.2.2.2   | UE initiated PDP context modification/UE initiated PDP context modification not accepted by network                          | R99     | C12           | UE supporting PS domain services.  |                                       |             |
| 11.2.2.3   | UE initiated PDP Context Modification / Dual priority / low priority override  | Rel-11  | C878          | UEs supporting PS domain services and LAP and LAP override   |                                       |             |
| 11.2.3.1   | Abnormal Cases/T3381 Expiry  | R99     | C12           | UE supporting PS domain services.  |                                       |             |
| 11.2.3.2   | Collision of UE and network initiated PDP context modification procedures  | R99     | C12           | UE supporting PS domain services.  |                                       |             |
| 11.3.1     | PDP context deactivation initiated by the UE   | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 11.3.2     | PDP context deactivation initiated by the network  | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 11.3.2a    | PDP context deactivation initiated by the network / secondary PDP context active / deactivation of primary PDP context       | Rel-7   | C62a          | UE supporting PS domain services. PDP context activation and secondary PDP context activation by the network.                            |                                       |             |
| 11.3.3.1   | Abnormal cases / T3390 Expiry  | R99     | C12           | UE supporting PS domain services.  |                                       |             |
| 11.3.3.2   | Abnormal cases / Collision of UE and network initiated PDP context deactivation requests                                     | R99     | C12           | UE supporting PS domain services.  |                                       |             |
| 11.4.1     | Error cases  | R99     | C12           | UE supporting PS domain services.  |                                       |             |
| 11.5.1m    | MBMS Context Activation requested by the network, Successful and Unsuccessful procedure / MBMS Multicast Service             | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.   | 1 Execution: PS                       |             |
| 11.5.2.1m  | MBMS Context Activation requested by the network, T3380 Expiry / MBMS Multicast Service                                      | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.   | 1 Execution: PS                       |             |
| 11.5.2.2m  | Network initiated MBMS context activation request for an already activated context (on the UE side) / MBMS Multicast Service | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.   | 1 Execution: PS                       |             |

| Clause    | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT                      |
|-----------|--|---------|---------------|--|---------------------------------------|----------------------------------|
| 11.6.1m   | MBMS Context deactivation requested by the network, Successful / MBMS Multicast Service    | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.   | 1 Execution: PS                       |                                  |
| 11.6.2m   | Void   |         |               |  |                                       |                                  |
| 11.6.3m   | Void   |         |               |  |                                       |                                  |
| 11.7m     | Network Feature Support IE for MBMS / MBMS Multicast Service                               | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.   | 1 Execution: PS                       |                                  |
| 11.8.1m   | MBMS Service request procedure not accepted by the network / MBMS Multicast Service        | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.   | 1 Execution: PS                       |                                  |
| 11.8.2    | MBMS Service Request procedure collision with Routing Area Update / MBMS Selected Service  | Rel-6   | C480          | UEs supporting PS domain services and MBMS broadcast services.   | 1 Execution: PS                       |                                  |
| 11.8.2m   | MBMS Service Request procedure collision with Routing Area Update / MBMS Multicast Service | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.   | 1 Execution: PS                       |                                  |
| 11.9.1    | UE routing of uplink packets   | Rel-7   | C62b          | UE supporting UE test loop mode 4 and PS domain services and PDP context activation and secondary PDP context activation by the network. |                                       |                                  |
| <b>12</b> | <b>PACKET SWITCHED MOBILITY MANAGEMENT</b>   |         |               |  |                                       |                                  |
| 12.2.1.1  | PS attach / accepted   | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |                                  |
| 12.2.1.1a | PS attach / accepted / Attach with IMSI  | Rel-10  | C867          | UEs supporting PS domain services and AttachWithIMSI   |                                       | Rel-8 UTRA FDD<br>Rel-9 UTRA TDD |
| 12.2.1.1b | PS attach / accepted / PSM   | Rel-12  | C922          | UE supporting PS domain services and Power Saving Mode   | 1 Execution: PS                       |                                  |
| 12.2.1.1c | PS attach / accepted / DCN   | Rel-14  | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |                                  |
| 12.2.1.2  | PS attach / rejected / IMSI invalid / illegal UE   | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |                                  |
| 12.2.1.3  | PS attach / rejected / IMSI invalid / PS services not allowed                              | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |                                  |
| 12.2.1.4  | PS attach / rejected / PLMN not allowed  | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |                                  |
| 12.2.1.5a | PS attach / rejected / roaming not allowed in this location area                           | R99     | C379          | UE supporting PS domain services and user requested PS detach without powering off   | 1 Execution: PS                       |                                  |
| 12.2.1.5b | PS attach / rejected / No Suitable Cells In Location Area                                  | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).   | 1 Execution: CS+PS                    |                                  |
| 12.2.1.5c | PS attach / rejected / Location area not allowed   | R99     | C12           | UE supporting PS domain services.  |                                       |                                  |
| 12.2.1.5d | PS attach / rejected / PS services not allowed in this PLMN                                | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).   | 1 Execution: CS+PS                    |                                  |
| 12.2.1.5e | PS attach / rejected / Not authorized for this CSG   | Rel-8   | C652          | UE supporting PS domain services, CS domain services (UE supports UE operation mode A) and CSG.  | 1 Execution: CS+PS                    |                                  |
| 12.2.1.6  | PS attach / abnormal cases / access barred due to access class control                     | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |                                  |
| 12.2.1.7  | PS attach / abnormal cases / change of routing area  | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |                                  |
| 12.2.1.8  | PS attach / abnormal cases / power off   | R99     | C12           | UE supporting PS domain services.  |                                       |                                  |

| Clause    | Title  | Release        | Applicability | Comments   | Number of TC Executions (informative) | Release RAT                      |
|-----------|--|----------------|---------------|--|---------------------------------------|----------------------------------|
| 12.2.1.9  | PS attach / abnormal cases / PS detach procedure collision   | R99            | C12           | UE supporting PS domain services.  |                                       |                                  |
| 12.2.1.10 | PS attach / abnormal cases / Failure due to non integrity protection                               | R99            | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |                                  |
| 12.2.1.11 | PS attach / accepted / follow-on request pending indicator set                                     | R99            | C395          | UE supporting PS domain services and supports follow-on request procedure (PS) and user requested PS detach without powering off                       | 1 Execution: PS                       |                                  |
| 12.2.1.12 | PS attach / abnormal cases / access barred due to domain specific access restriction for PS domain | Rel-5          | C412          | UE supporting PS domain services and DSAC<br><br>Note:<br>For Rel-5 UEs DSAC support is optional.<br>For Rel-6 or later UEs DSAC support is mandatory. | 1 Execution: PS                       |                                  |
| 12.2.1.13 | NITZ / GMM/ Time zone, Time and DST Handling   | Rel-8 (NOTE 1) | C882          | UE supporting FDD and PS domain services and NITZ (Time: DST or Universal time or Time zone)   | 1 Execution: PS (NOTE 2)              |                                  |
| 12.2.1.14 | NITZ / GMM/ NITZ Parameters Storage and Deletion   | Rel-8 (NOTE 1) | C883          | UE supporting FDD and PS domain services and NITZ (Name: Short or Full)  | 1 Execution: PS (NOTE 2)              |                                  |
| 12.2.1.15 | NITZ / GMM / MM and GMM Signalling   | Rel-8 (NOTE 1) | C884          | UE supporting FDD and PS domain services and NITZ  | 1 Execution: PS (NOTE 2)              |                                  |
| 12.2.1.16 | PS attach / EAB active   | Rel-11         | C905          | Support EAB configuration and PS domain services   |                                       |                                  |
| 12.2.2.1  | Combined PS attach / PS and non-PS attach accepted   | R99            | C88           | UE supporting PS domain services and CS domain services.   | 1 Execution: CS+PS                    |                                  |
| 12.2.2.2  | Combined PS attach / PS only attach accepted   | R99            | C88           | UE supporting PS domain services and CS domain services.   |                                       |                                  |
| 12.2.2.3  | Combined PS attach / PS attach while IMSI attach   | R99            | C103          | UE supports UE operation mode A and does not support automatic PS attach procedure at switch on.   |                                       |                                  |
| 12.2.2.3a | Combined PS attach / NMO-I enabled in UE   | Rel-10         | C866          | UEs supporting PS domain services and NMO_I_Behaviour  |                                       | Rel-8 UTRA FDD<br>Rel-9 UTRA TDD |
| 12.2.2.3c | Combined PS attach / congestion / GPRS services only   | Rel-11         | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A)  |                                       |                                  |
| 12.2.2.4  | Combined PS attach / rejected / IMSI invalid / illegal ME  | R99            | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).   |                                       |                                  |
| 12.2.2.5  | Combined PS attach / rejected / PS services and non-PS services not allowed                        | R99            | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).   |                                       |                                  |
| 12.2.2.6  | Combined PS attach / rejected / PS services not allowed  | R99            | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).   |                                       |                                  |



| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 12.2.2.7a | Combined PS attach / rejected / location area not allowed  | R99     | C78           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A) and PS attach attempted automatically by outstanding request. |                                       |             |
| 12.2.2.7b | Combined PS attach / rejected / No Suitable Cells In Location Area                               | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |             |
| 12.2.2.7c | Combined PS attach / rejected / Roaming not allowed in this location area                        | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |             |
| 12.2.2.7d | Combined PS attach / rejected / PS services not allowed in this PLMN                             | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |             |
| 12.2.2.7e | Combined PS attach / rejected / Not authorized for this CSG                                      | Rel-8   | C652          | UE supporting PS domain services, CS domain services (UE supports UE operation mode A) and CSG.   | 1 Execution: CS+PS                    |             |
| 12.2.2.8  | Combined PS attach / abnormal cases / attempt counter check / miscellaneous reject causes        | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |             |
| 12.2.2.9  | Combined PS attach / abnormal cases / PS detach procedure collision                              | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |             |
| 12.2.2.10 | Combined PS attach / abnormal cases / access barred due to paging permission with access control | Rel-8   | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  | 1 Execution: CS+PS                    |             |
| 12.3.1.1  | PS detach / power off / accepted   | R99     | C79           | UE supporting PS domain services and supports power on/off.   | 1 Execution: PS                       |             |
| 12.3.1.2  | PS detach / accepted   | R99     | C379          | UE supporting PS domain services and user requested PS detach without powering off.   | 1 Execution: PS                       |             |
| 12.3.1.3  | PS detach / abnormal cases / attempt counter check / procedure timeout                           | R99     | C12           | UE supporting PS domain services.   |                                       |             |
| 12.3.1.4  | PS detach / abnormal cases / GMM common procedure collision                                      | R99     | C12           | UE supporting PS domain services.   |                                       |             |
| 12.3.1.5  | PS detach / power off / accepted / PS/IMSI detach  | R99     | C619          | UE supporting PS domain services and CS domain services, UE supports UE operation mode A and power on/off..   | 1 Execution: CS+PS                    |             |
| 12.3.1.6  | PS detach / accepted / PS/IMSI detach  | R99     | C211          | UE supporting user requested combined circuit switch and packet switch detach without power off.  |                                       |             |
| 12.3.1.7  | PS detach / accepted / IMSI detach   | R99     | C212          | UE supporting user requested non-PS detach.   |                                       |             |
| 12.3.1.8  | PS detach / abnormal cases / change of cell into new routing area                                | R99     | C211          | UE supporting user requested combined circuit switch and packet switch detach without power off.  |                                       |             |
| 12.3.1.9  | PS detach / abnormal cases / PS detach procedure collision                                       | R99     | C211          | UE supporting user requested combined circuit switch and packet switch detach without power off.  |                                       |             |

| Clause     | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 12.3.1.10  | UE initiated detach/abnormal case/ Not authorized for this CSG                                      | Rel-8   | C652a         | UE supporting user requested combined circuit switch and packet switch detach without power off and CSG.       | 1 Execution: CS+PS                    |             |
| 12.3.2.1   | PS detach / re-attach not required / accepted   | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 12.3.2.2   | PS detach / rejected / IMSI invalid / PS services not allowed                                       | R99     | C12           | UE supporting PS domain services.  |                                       |             |
| 12.3.2.3   | PS detach / IMSI detach / accepted  | R99     | C88           | UE supporting PS domain services and CS domain services ( UE supports UE operation mode A).                    |                                       |             |
| 12.3.2.4   | PS detach / re-attach requested / accepted  | R99     | C88           | UE supporting PS domain services and CS domain services ( UE supports UE operation mode A).                    |                                       |             |
| 12.3.2.5   | PS detach / rejected / location area not allowed  | R99     | C77           | UE supporting PS domain services and PS attach attempted automatically by outstanding request.                 |                                       |             |
| 12.3.2.6   | PS detach / rejected / No Suitable Cells In Location Area   | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).                     |                                       |             |
| 12.3.2.7   | PS detach / rejected / Roaming not allowed in this location area                                    | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).                     | 1 Execution: CS+PS                    |             |
| 12.3.2.8   | PS detach / rejected / PS services not allowed in this PLMN   | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 12.4.1.1a  | Routing area updating / accepted  | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 12.4.1.1b  | Routing area updating / accepted / Signalling connection re-establishment                           | R99     | C12           | UE supporting PS domain services   | 1 Execution: PS                       |             |
| 12.4.1.1c  | Void  |         |               |  |                                       |             |
| 12.4.1.1dm | Routing Area Updating/Accepted/Handling of MBMS context status information / MBMS Multicast Service | Rel-6   | C542          | UEs supporting PS domain services and MBMS multicast services.   | 1 Execution: PS                       |             |
| 12.4.1.1d  | Routing area updating / accepted / SMS via GPRS supported   | Rel-11  | C879          | UE supporting PS domain services and CS domain services (UE supports UE operation mode A) and SMS-only service |                                       |             |
| 12.4.1.1e  | Routing area updating / accepted / low priority override  | Rel-11  | C878          | UEs supporting PS domain services and LAP and LAP override   |                                       |             |
| 12.4.1.1f  | Routing area updating / accepted / PSM  | Rel-12  | C922          | UE supporting PS domain services and Power Saving Mode   | 1 Execution: PS                       |             |
| 12.4.1.1g  | Routing area updating / accepted / DCN  | Rel-14  | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 12.4.1.2   | Routing area updating / rejected / IMSI invalid / illegal ME  | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 12.4.1.3   | Routing area updating / rejected / UE identity cannot be derived by the network                     | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 12.4.1.4a  | Routing area updating / rejected / location area not allowed  | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 12.4.1.4b  | Routing area updating / rejected / No Suitable Cells In Location Area                               | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |
| 12.4.1.4c  | Routing area updating / rejected / PS services not allowed in this PLMN                             | R99     | C12           | UE supporting PS domain services.  | 1 Execution: PS                       |             |

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| 12.4.1.4d | Routing area updating / rejected / Roaming not allowed in this location area                 | R99     | C12           | UE supporting PS domain services.   | 1 Execution: PS                       |                                  |
| 12.4.1.4e | Routing area updating / rejected / Not authorized for this CSG                               | Rel-8   | C653          | UE supporting PS domain services and CSG.   | 1 Execution: PS                       |                                  |
| 12.4.1.4f | Routing area updating / rejected / Congestion  | Rel-10  | C12           | UE supporting PS domain services.   | 1 Execution: PS                       | Rel-8 UTRA FDD<br>Rel-9 UTRA TDD |
| 12.4.1.5  | Routing area updating / abnormal cases / attempt counter check / miscellaneous reject causes | R99     | C12           | UE supporting PS domain services.   | 1 Execution: PS                       |                                  |
| 12.4.1.6  | Routing area updating / abnormal cases / change of cell into new routing area                | R99     | C12           | UE supporting PS domain services.   |                                       |                                  |
| 12.4.1.7  | Void   |         |               |   |                                       |                                  |
| 12.4.1.8  | Routing area updating / abnormal cases / P-TMSI reallocation procedure collision             | R99     | C12           | UE supporting PS domain services.   |                                       |                                  |
| 12.4.1.9  | Routing area updating / EAB active   | Rel-11  | C905          | Support EAB configuration and PS domain services  |                                       |                                  |
| 12.4.2.1  | Combined routing area updating / combined RA/LA accepted                                     | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  | 1 Execution: CS+PS                    |                                  |
| 12.4.2.2  | Combined routing area updating / UE in CS operation at change of RA                          | R99     | C88d          | UE supporting PS domain services and CS domain services (UE supports UE operation mode A) and CS call establishment.                                    | 1 Execution: CS+PS                    |                                  |
| 12.4.2.3  | Combined routing area updating / RA only accepted  | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |                                  |
| 12.4.2.3a | Void   |         |               |   |                                       |                                  |
| 12.4.2.3b | Combined routing area updating / SMS only  | Rel-11  | C879          | UE supporting PS domain services and CS domain services (UE supports UE operation mode A) and SMS-only service  |                                       |                                  |
| 12.4.2.3c | Combined routing area updating / congestion / GPRS services only                             | Rel-11  | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A)   |                                       |                                  |
| 12.4.2.4  | Combined routing area updating / rejected / PLMN not allowed                                 | R99     | C78           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A) and PS attach attempted automatically by outstanding request. | 1 Execution: CS+PS                    |                                  |
| 12.4.2.5a | Combined routing area updating / rejected / roaming not allowed in this location area        | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  | 1 Execution: CS+PS                    |                                  |
| 12.4.2.5b | Combined routing area updating / rejected / No Suitable Cells In Location Area               | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |                                  |
| 12.4.2.5c | Combined routing area updating / rejected / Location area not allowed                        | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |                                  |

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|-----------|---|---------|---------------|---|---------------------------------------|----------------------------------|
| 12.4.2.5d | Combined routing area updating / rejected / PS services not allowed in this PLMN  | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |                                  |
| 12.4.2.5e | Combined routing area updating request rejected / Not authorized for this CSG   | Rel-8   | C652          | UE supporting PS domain services, CS domain services (UE supports UE operation mode A) and CSG.   | 1 Execution: CS+PS                    |                                  |
| 12.4.2.6  | Combined routing area updating / abnormal cases / access barred due to access class control                             | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  | 1 Execution: CS+PS                    |                                  |
| 12.4.2.7  | Combined routing area updating / abnormal cases / attempt counter check / procedure timeout                             | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |                                  |
| 12.4.2.8  | Combined routing area updating / abnormal cases / change of cell into new routing area                                  | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |                                  |
| 12.4.2.9  | Void  |         |               |   |                                       |                                  |
| 12.4.2.10 | Combined routing area updating / abnormal cases / PS detach procedure collision   | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |                                  |
| 12.4.2.11 | Combined routing area updating / abnormal cases / access barred due to domain specific access restriction for CS domain | Rel-5   | C413          | UE supporting PS domain services and CS domain services (UE supports UE operation mode A) and DSAC<br><br>Note:<br>For Rel-5 UEs DSAC support is optional.<br>For Rel-6 or later UEs DSAC support is mandatory. | 1 Execution: CS+PS                    |                                  |
| 12.4.2.12 | Combined routing area updating / abnormal cases / access barred due to domain specific access restriction for PS domain | Rel-5   | C413          | UE supporting PS domain services and CS domain services (UE supports UE operation mode A) and DSAC<br><br>Note:<br>For Rel-5 UEs DSAC support is optional.<br>For Rel-6 or later UEs DSAC support is mandatory. | 1 Execution: CS+PS                    |                                  |
| 12.4.3.1  | Periodic routing area updating / accepted   | R99     | C12           | UE supporting PS domain services.   | 1 Execution: PS                       |                                  |
| 12.4.3.2  | Periodic routing area updating / accepted / T3312 default value   | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |                                  |
| 12.4.3.2a | Periodic routing area updating / accepted / per-device timer  | Rel-10  | C876          | UEs supporting PS domain services and LAP and T3312 Extended IE   |                                       | Rel-8 UTRA FDD<br>Rel-9 UTRA TDD |
| 12.4.3.2b | Periodic routing area updating / accepted / PSM / T3312 Extended Value  | Rel-12  | C922          | UE supporting PS domain services and Power Saving Mode  | 1 Execution: PS                       |                                  |
| 12.4.3.3  | Periodic routing area updating / no cell available / network mode 1   | R99     | C88           | UE supporting PS domain services and CS domain services (UE supports UE operation mode A).  |                                       |                                  |
| 12.4.3.4  | Periodic routing area updating / no cell available  | R99     | C12           | UE supporting PS domain services.   | 1 Execution: PS                       |                                  |

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| 12.5       | P-TMSI reallocation   | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.6.1.1   | Authentication accepted   | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.6.1.2   | Authentication rejected - by the network                                      | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.6.1.3.1 | GMM cause 'MAC failure'   | R99     | C12           | UE supporting PS domain services                              | 1 Execution: PS                       |             |
| 12.6.1.3.2 | GMM cause 'Synch failure'   | R99     | C12           | UE supporting PS domain services                              | 1 Execution: PS                       |             |
| 12.6.1.3.3 | Authentication rejected by the UE / fraudulent network                        | R99     | C12           | UE supporting PS domain services                              | 1 Execution: PS                       |             |
| 12.7.1     | General Identification  | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.8       | GMM READY timer handling  | R99     | C828          | UEs supporting FDD and GSM. UE supporting PS domain services. | 1 Execution: PS                       |             |
| 12.9.1     | Service Request Initiated by UE Procedure                                     | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.2     | Service Request Initiated by Network Procedure                                | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.3     | Service Request / rejected / Illegal MS                                       | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.4     | Service Request / rejected / PS services not allowed                          | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.5     | Service Request / rejected / MS identity cannot be derived by the network     | R99     | C12           | UE supporting PS domain services.                             |                                       |             |
| 12.9.6     | Service Request / rejected / PLMN not allowed                                 | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.7a    | Service Request / rejected / No PDP context activated                         | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.7b    | Service Request / rejected / No Suitable Cells In Location Area               | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.7c    | Service Request / rejected / Roaming not allowed in this location area        | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.7d    | Service Request / rejected / Not authorized for this CSG                      | Rel-8   | C653          | UE supporting PS domain services and CSG.                     | 1 Execution: PS                       |             |
| 12.9.8     | Service Request / Abnormal cases / Access barred due to access class control  | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.9     | Service Request / Abnormal cases / Routing area update procedure is triggered | R99     | C12           | UE supporting PS domain services.                             | 1 Execution: PS                       |             |
| 12.9.10    | Service Request / Abnormal cases / Power off                                  | R99     | C12           | UE supporting PS domain services.                             |                                       |             |
| 12.9.11    | Service Request / Abnormal cases / Service request procedure collision        | R99     | C12           | UE supporting PS domain services.                             |                                       |             |

| Clause    | Title   | Release        | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 12.9.12   | Service Request / RAB re-establishment / UE initiated / Single PDP context  | R99            | C827          | UE supporting PS domain services and Traffic class Background and Support for making an outgoing PS call by AT commands.  | 1 Execution: PS                       |             |
| 12.9.13   | Service Request / RAB re-establishment / UE initiated / multiple PDP contexts                                       | R99            | C311          | UE supporting PS domain services and secondary PDP context activation and Traffic class Background and Traffic class Interactive and Support for making an outgoing PS call by AT commands. | 1 Execution: PS                       |             |
| 12.9.14   | Service Request / RAB re-establishment / Network initiated / single PDP context                                     | R99            | C827          | UE supporting PS domain services and Traffic class Background and Support for making an outgoing PS call by AT commands.  | 1 Execution: PS                       |             |
| 12.9.15   | Service Request / abnormal cases / access barred due to domain specific access control for PS domain                | Rel-5          | C412          | UE supporting PS domain services and DSAC<br><br>Note:<br>For Rel-5 UEs DSAC support is optional.<br>For Rel-6 or later UEs DSAC support is mandatory.                                      | 1 Execution: PS                       |             |
| 12.9.16   | MBMS SERVICE REQUEST / counting / MBMS Selected Service   | Rel-6          | C480          | UEs supporting PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
| 12.9.16m  | MBMS SERVICE REQUEST / counting / MBMS Multicast Service  | Rel-6          | C542          | UEs supporting PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
| 12.9.17   | MBMS SERVICE REQUEST / point to point RBs / MBMS Selected Service   | Rel-6          | C480          | UEs supporting PS domain services and MBMS broadcast services.  | 1 Execution: PS                       |             |
| 12.9.17m  | MBMS SERVICE REQUEST / point to point RBs / MBMS Multicast Service  | Rel-6          | C542          | UEs supporting PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
| 12.9.18m  | Handling of MBMS context status information in SERVICE REQUEST and SERVICE ACCEPT messages / MBMS Multicast Service | Rel-6          | C542          | UEs supporting PS domain services and MBMS multicast services.  | 1 Execution: PS                       |             |
| <b>13</b> | <b>GENERAL TESTS</b>  |                |               |   |                                       |             |
| 13.2.1.1  | Emergency call / with USIM / accept case  | R99            | C96           | UEs supporting emergency speech call  | 1 Execution: CS                       |             |
| 13.2.2.1  | Emergency call / without USIM / accept case   | R99            | C924          | UEs supporting emergency speech call and no USIM test execution   | 1 Execution: CS                       |             |
| 13.2.2.2  | Emergency call / without USIM / reject case   | R99            | C924          | UEs supporting emergency speech call and no USIM test execution   | 1 Execution: CS                       |             |
| 13.3.1.1  | Void  |                |               |   |                                       |             |
| 13.3.1.2  | Test eCall using eCall capable UE with 'eCall only' subscription  | Rel-8 (Note 2) | C674          | UEs supporting eCall only subscription and capable of triggering a Test eCall   | 1 Execution: CS                       |             |
| 13.3.1.3  | Manually initiated eCall using eCall capable UE with "eCall only" subscription on USIM                              | Rel-8 (Note 2) | C668          | UEs supporting eCall only subscription and capable of initiating manual eCall   | 1 Execution: CS                       |             |
| 13.3.1.4  | Reconfiguration eCall using eCall capable UE with 'eCall only' subscription On USIM                                 | Rel-8 (Note 2) | C675          | UEs supporting eCall only subscription and capable of triggering a reconfiguration eCall  | 1 Execution: CS                       |             |

| Clause      | Title  | Release        | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-------------|--|----------------|---------------|---|---------------------------------------|-------------|
| 13.3.1.5    | Manually initiated eCall using eCall capable UE with eCall and non eCall subscriptions on USIM   | Rel-8 (Note 2) | C669          | UEs supporting emergency speech call and eCall subscription and capable of initiating manual eCall  | 1 Execution: CS                       |             |
| 13.3.1.6    | eCall Inactivity State after T3242 expires   | Rel-8 (Note 2) | C668          | UEs supporting eCall only subscription and capable of initiating manual eCall   | 1 Execution: CS                       |             |
| 13.3.1.7    | Automatically initiated eCall  | Rel-8 (Note 2) | C782          | UEs supporting emergency speech and eCall only subscription and capable of initiating automatic eCall   | 1 Execution: CS                       |             |
| 13.3.1.8    | Void   |                |               |   |                                       |             |
| 13.3.1.9    | Void   |                |               |   |                                       |             |
| 13.3.1.10   | eCall Inactivity State after T3243 expires   | Rel-8 (Note 2) | C674          | UEs supporting eCall only subscription and capable of triggering a Test eCall   | 1 Execution: CS                       |             |
| 13.4.1      | Emergency bearer services over IMS / NORMAL-SERVICE / Success  | Rel-9          | C817          | UEs supporting IMS emergency services   | 1 Execution: PS                       |             |
| 13.4.2      | Emergency bearer services over IMS / LIMITED-SERVICE / Success   | Rel-9          | C817          | UEs supporting IMS emergency services   | 1 Execution: PS                       |             |
| 13.4.3      | Emergency bearer services over IMS / NO-IMSI / Success   | Rel-9          | C817          | UEs supporting IMS emergency services   | 1 Execution: PS                       |             |
| 13.4.4      | Emergency bearer services over IMS / NORMAL-SERVICE / Authentication not accepted by the UE and Timer 3318 expires   | Rel-9          | C817          | UEs supporting IMS emergency services   | 1 Execution: PS                       |             |
| 13.4.5      | Authentication not accepted by the UE / Synch failure / Authentication not accepted by the UE and Timer 3320 expires   | Rel-9          | C817          | UEs supporting IMS emergency services   | 1 Execution: PS                       |             |
| 13.4.6      | Handling of Local Emergency Numbers List provided during Attach procedure  | Rel-9          | C817          | UEs supporting IMS emergency services   | 1 Execution: PS                       |             |
| 13.4.7      | UE has PDN connection only for emergency bearer services / Normal routing area update / Accepted / Handling of the equivalent PLMNs list when PLMN is member of the "forbidden PLMN" list  | Rel-9          | C817          | UEs supporting IMS emergency services   | 1 Execution: PS                       |             |
| 13.4.8      | Handling of Local Emergency Numbers List provided during normal Routing area update procedure  | Rel-9          | C817          | UEs supporting IMS emergency services   | 1 Execution: PS                       |             |
| 13.4.9      | Attach for emergency bearer services / Rejected / No suitable cells in location area / Emergency call using the CS domain  | Rel-9          | C816          | UEs supporting IMS emergency services and establishing the emergency call using the CS domain if the attach request for emergency bearer services cannot be accepted by the network | 1 Execution: CS+PS                    |             |
| 13.4.10     | Emergency bearer services / CSG cell / LIMITED-SERVICE / Attach / Security mode control procedure without prior authentication / PDN connect / Service request / PDN disconnect / Detach upon UE switched off / Temporary storage of EMM information | Rel-9          | C817          | UEs supporting IMS emergency services   | 1 Execution: CS+PS                    |             |
| <b>14</b>   | <b>RADIO BEARER SERVICES</b>   |                |               |   |                                       |             |
|             | <i>Interoperability radio bearer tests</i>   |                |               |   |                                       |             |
| <b>14.2</b> | <i>Combinations on DPCH</i>  |                |               |   |                                       |             |

| Clause | Title  | Release            | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|--------|--|--------------------|---------------|--|---------------------------------------|-------------|
| 14.2.1 | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH   | R99 and Rel-4 only | C107          | UEs supporting FDD and reference radio bearer configuration<br>"Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH"  |                                       |             |
| 14.2.2 | Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH   | R99                | C108          | UEs supporting FDD and reference radio bearer configuration<br>"Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 14.2.3 | Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH   | R99                | C109          | UEs supporting FDD and reference radio bearer configuration<br>"Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH"  |                                       |             |
| 14.2.4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | R99                | C110          | UEs supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.4a or 14.2.4b is applicable then test case 14.2.4 is optional (14.2.4 considered implicitly covered by 14.2.4a or 14.2.4b). Controlled by px_RAB_ExecImplicitTestedTC | 1 Execution: CS                       |             |



| Clause  | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---------|--|---------|---------------|--|---------------------------------------|-------------|
| 14.2.4a | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                            | R99     | C420          | UEs supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.38f is applicable then test case 14.2.4a is optional (14.2.4a considered implicitly covered by 14.2.38f). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: CS                       |             |
| 14.2.4b | Conversational / speech / UL:(12.2 7.4 5.9 4.75) DL:(12.2 7.4 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH | Rel-4   | C434          | UEs supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:(12.2 7.4 5.9 4.75) DL:(12.2 7.4 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH"  | 1 Execution: CS                       |             |
| 14.2.5  | Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | R99     | C111          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.2.5a | Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                        | R99     | C57           | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   | 1 Execution: CS                       |             |
| 14.2.6  | Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | R99     | C112          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.2.7  | Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH  | R99     | C113          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |

| Clause  | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 14.2.7a | Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | R99     | C58           | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.4b and 14.2.5a is applicable then test case 14.2.7a is optional (14.2.7a considered implicitly covered by 14.2.4b and 14.2.5a). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: CS                       |             |
| 14.2.8  | Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                      | R99     | C114          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 14.2.9  | Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                      | R99     | C115          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.4a or 14.2.4b is applicable then test case 14.2.9 is optional (14.2.9 considered implicitly covered by 14.2.4a or 14.2.4b). Controlled by px_RAB_ExecImplctTestedTC   | 1 Execution: CS                       |             |
| 14.2.10 | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                    | R99     | C116          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 14.2.11 | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                    | R99     | C117          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 14.2.12 | Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                   | R99     | C118          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   | 1 Execution: CS                       |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 14.2.13.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | R99     | C119          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"<br>Note:<br>For UEs for which test case 14.2.51.1 is applicable then test case 14.2.13.1 is optional (14.2.13.1 considered implicitly covered by 14.2.51.1).<br>Controlled by<br>px_RAB_ExecImplctTestedTC  | 1 Execution: CS                       |             |
| 14.2.13.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | R99     | C120          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"   | 1 Execution: CS                       |             |
| 14.2.14.1 | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | R99     | C121          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"   | 1 Execution: CS                       |             |
| 14.2.14.2 | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | R99     | C122          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"<br>Note:<br>For UEs for which test case 14.2.13.1 is applicable then test case 14.2.414.2 is optional (14.2.14.2 considered implicitly covered by 14.2.13.1).<br>Controlled by<br>px_RAB_ExecImplctTestedTC | 1 Execution: CS                       |             |
| 14.2.15   | Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH              | R99     | C123          | UE supporting FDD and reference radio bearer configuration<br>"Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.17 is applicable then test case 14.2.15 is optional (14.2.15 considered implicitly covered by 14.2.17).<br>Controlled by<br>px_RAB_ExecImplctTestedTC                       | 1 Execution: CS                       |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|---|---------------------------------------|-------------|
| 14.2.16   | Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                    | R99     | C124          | UE supporting FDD and reference radio bearer configuration<br>"Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.17 is applicable then test case 14.2.16 is optional (14.2.16 considered implicitly covered by 14.2.17). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: CS                       |             |
| 14.2.17   | Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                    | R99     | C125          | UE supporting FDD and reference radio bearer configuration<br>"Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  | 1 Execution: CS                       |             |
| 14.2.18   | Void  |         |               |   |                                       |             |
| 14.2.19   | Void  |         |               |   |                                       |             |
| 14.2.20   | Void  |         |               |   |                                       |             |
| 14.2.21   | Void  |         |               |   |                                       |             |
| 14.2.22   | Void  |         |               |   |                                       |             |
| 14.2.23.1 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI) | R99     | C131          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"   |                                       |             |
| 14.2.23.2 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | R99     | C132          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"   |                                       |             |
| 14.2.23.3 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | R99     | C133          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"   |                                       |             |
| 14.2.23.4 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | R99     | C134          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"   |                                       |             |

| Clause     | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|------------|---|---------|---------------|--|---------------------------------------|-------------|
| 14.2.23a.1 | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC).        | R99     | C398          | UEs supporting FDD and reference radio bearer configuration "Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC)"<br>Note:<br>For UEs for which test case 14.2.23c is applicable then test case 14.2.23a.1 is optional (14.2.23a.1 considered implicitly covered by 14.2.23c).<br>Controlled by<br>px_RAB_ExecImplctTestedTC | 1 Execution: PS                       |             |
| 14.2.23a.2 | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC).        | R99     | C76           | UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC)"<br>Note:<br>For UEs for which test case 14.2.23c is applicable then test case 14.2.23a.2 is optional (14.2.23a.2 considered implicitly covered by 14.2.23c).<br>Controlled by<br>px_RAB_ExecImplctTestedTC  | 1 Execution: PS                       |             |
| 14.2.23b   | Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.             | R99     | C421          | UEs supporting FDD and reference radio bearer configuration "Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.23c is applicable then test case 14.2.23b is optional (14.2.23b considered implicitly covered by 14.2.23c).<br>Controlled by<br>px_RAB_ExecImplctTestedTC          | 1 Execution: PS                       |             |
| 14.2.23c   | Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.             | R99     | C422          | UEs supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.26 is applicable then test case 14.2.23c is optional (14.2.23c considered implicitly covered by 14.2.26).<br>Controlled by<br>px_RAB_ExecImplctTestedTC            | 1 Execution: PS                       |             |
| 14.2.23d   | Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH. | R99     | C423          | UEs supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|--|---------------------------------------|-------------|
| 14.2.24.1 | Void  |         |               |  |                                       |             |
| 14.2.24.2 | Void  |         |               |  |                                       |             |
| 14.2.25.1 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)  | R99     | C136          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)"   |                                       |             |
| 14.2.25.2 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | R99     | C137          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"  |                                       |             |
| 14.2.25.3 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | R99     | C138          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"  |                                       |             |
| 14.2.25.4 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | R99     | C139          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"  |                                       |             |
| 14.2.26   | Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                   | R99     | C140          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.28 is applicable then test case 14.2.26 is optional (14.2.26 considered implicitly covered by 14.2.28). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: PS                       |             |
| 14.2.27   | Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                   | R99     | C141          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.28 is applicable then test case 14.2.27 is optional (14.2.27 considered implicitly covered by 14.2.28). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: PS                       |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|---|---------------------------------------|-------------|
| 14.2.28   | Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | R99     | C142          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.34.1 is applicable then test case 14.2.28 is optional (14.2.28 considered implicitly covered by 14.2.34.1). Controlled by px_RAB_ExecImplctTestedTC                 | 1 Execution: PS                       |             |
| 14.2.29   | Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH             | R99     | C143          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"  | 1 Execution: PS                       |             |
| 14.2.30   | Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH            | R99     | C144          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.2.31.1 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI  | R99     | C145          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI"<br>Note:<br>For UEs for which test case 14.2.32.2 is applicable then test case 14.2.31.1 is optional (14.2.31.1 considered implicitly covered by 14.2.32.2). Controlled by px_RAB_ExecImplctTestedTC  | 1 Execution: PS                       |             |
| 14.2.31.2 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI  | R99     | C146          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI"   |                                       |             |
| 14.2.32.1 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI | R99     | C147          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI"<br>Note:<br>For UEs for which test case 14.2.32.2 is applicable then test case 14.2.32.1 is optional (14.2.32.1 considered implicitly covered by 14.2.32.2). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: PS                       |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|---|---------------------------------------|-------------|
| 14.2.32.2 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI | R99     | C148          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI"<br>Note:<br>For UEs for which test case 14.2.34.1 or 14.2.43.2 is applicable then test case 14.2.32.2 is optional (14.2.32.2 considered implicitly covered by 14.2.34.1 or 14.2.43.2). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: PS                       |             |
| 14.2.33.1 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | R99     | C149          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"  |                                       |             |
| 14.2.33.2 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | R99     | C150          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"  |                                       |             |
| 14.2.34.1 | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | R99     | C151          | UEs supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"   | 1 Execution: PS                       |             |
| 14.2.34.2 | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | R99     | C152          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"  |                                       |             |
| 14.2.35.1 | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | R99     | C153          | UE supporting FDD and UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets) and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"  |                                       |             |



| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|---|---------------------------------------|-------------|
| 14.2.35.2 | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI  | R99     | C154          | UE supporting FDD and UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets) and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"         |                                       |             |
| 14.2.36.1 | Void  |         |               |   |                                       |             |
| 14.2.36.2 | Void  |         |               |   |                                       |             |
| 14.2.37.1 | Void  |         |               |   |                                       |             |
| 14.2.37.2 | Void  |         |               |   |                                       |             |
| 14.2.38.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | R99     | C159          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)" |                                       |             |
| 14.2.38.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI) | R99     | C160          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)" |                                       |             |
| 14.2.38.3 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | R99     | C161          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)" |                                       |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|--|---------------------------------------|-------------|
| 14.2.38.4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | R99     | C162          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"   |                                       |             |
| 14.2.38a  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                   | R99     | C424          | UEs supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.38c is applicable then test case 14.2.38a is optional (14.2.38a considered implicitly covered by 14.2.38c). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: CS+PS                    |             |
| 14.2.38b  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                   | R99     | C425          | UEs supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.38c is applicable then test case 14.2.38b is optional (14.2.38b considered implicitly covered by 14.2.38c). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: CS+PS                    |             |
| 14.2.38c  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                 | R99     | C426          | UEs supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.40 is applicable then test case 14.2.38c is optional (14.2.38c considered implicitly covered by 14.2.40). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: CS+PS                    |             |

| Clause   | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|----------|---|---------|---------------|---|---------------------------------------|-------------|
| 14.2.38d | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | R99     | C414          | UEs supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.2.38e | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                           | R99     | C427          | UEs supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.38f is applicable then test case 14.2.38e is optional (14.2.38e considered implicitly covered by 14.2.38f). Controlled by px_RAB_ExecImpltTestedTC | 1 Execution: CS+PS                    |             |
| 14.2.38f | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                           | R99     | C428          | UEs supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   | 1 Execution: CS+PS                    |             |
| 14.2.38g | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                         | R99     | C415          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 14.2.38h | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                         | R99     | C416          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|---|---------------------------------------|-------------|
| 14.2.38i  | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | R99     | C417          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 14.2.38j  | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | R99     | C418          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |
| 14.2.39.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)                 | R99     | C163          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"                |                                       |             |
| 14.2.39.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)                 | R99     | C164          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"                |                                       |             |
| 14.2.39.3 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)                 | R99     | C165          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"                |                                       |             |
| 14.2.39.4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)                 | R99     | C166          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"                |                                       |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|---|---------------------------------------|-------------|
| 14.2.40   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH              | R99     | C167          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.43.2 is applicable then test case 14.2.40 is optional (14.2.40 considered implicitly covered by 14.2.43.2). Controlled by px_RAB_ExecImplctTestedTC                  | 1 Execution: CS+PS                    |             |
| 14.2.41   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | R99     | C168          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.43.2 is applicable then test case 14.2.41 is optional (14.2.41 considered implicitly covered by 14.2.43.2). Controlled by px_RAB_ExecImplctTestedTC                 | 1 Execution: CS+PS                    |             |
| 14.2.42.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | R99     | C169          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"<br>Note:<br>For UEs for which test case 14.2.43.2 is applicable then test case 14.2.42.1 is optional (14.2.42.1 considered implicitly covered by 14.2.43.2). Controlled by px_RAB_ExecImplctTestedTC |                                       |             |
| 14.2.42.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | R99     | C170          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"  |                                       |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|--|---------------------------------------|-------------|
| 14.2.43.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI   | R99     | C171          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"   | 1 Execution: CS+PS                    |             |
| 14.2.43.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI   | R99     | C172          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"   | 1 Execution: CS+PS                    |             |
| 14.2.44.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | R99     | C173          | UE supporting FDD and PS and CS simultaneously and UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets) and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |                                       |             |
| 14.2.44.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | R99     | C174          | UE supporting FDD and PS and CS simultaneously and UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets) and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI" |                                       |             |
| 14.2.45   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | R99     | C175          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.2.46   | Void  |         |               |  |                                       |             |
| 14.2.47   | Void  |         |               |  |                                       |             |
| 14.2.48   | Void  |         |               |  |                                       |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|--|---------------------------------------|-------------|
| 14.2.49.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | R99     | C179          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"                            | 1 Execution: CS                       |             |
| 14.2.49.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | R99     | C180          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"                            |                                       |             |
| 14.2.50.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI    | R99     | C181          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"                               |                                       |             |
| 14.2.50.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI    | R99     | C182          | UE supporting FDD and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"                               |                                       |             |
| 14.2.51.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | R99     | C183          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" | 1 Execution: CS+PS                    |             |
| 14.2.51.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | R99     | C184          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|---|---------------------------------------|-------------|
| 14.2.51a  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                | R99     | C429          | UEs supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.51.1 is applicable then test case 14.2.51a is optional (14.2.51a considered implicitly covered by 14.2.51.1). Controlled by px_RAB_ExecImplctTestedTC   | 1 Execution: CS+PS                    |             |
| 14.2.51b  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.              | R99     | C430          | UEs supporting FDD and PS and CS simultaneously and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.51.1 is applicable then test case 14.2.51b is optional (14.2.51b considered implicitly covered by 14.2.51.1). Controlled by px_RAB_ExecImplctTestedTC | 1 Execution: CS+PS                    |             |
| 14.2.52.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | R99     | C185          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.2.52.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | R99     | C186          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.2.53.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | R99     | C187          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |



| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|--|---------------------------------------|-------------|
| 14.2.53.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | R99     | C188          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.2.54   | Void  |         |               |  |                                       |             |
| 14.2.55   | Void  |         |               |  |                                       |             |
| 14.2.56   | Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                 | R99     | C419          | UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 14.2.57   | Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.             | R99     | C431          | UEs supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   | 1 Execution: PS                       |             |
| 14.2.58   | Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                     | R99     | C432          | UEs supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"<br>Note:<br>For UEs for which test case 14.2.58a is applicable then test case 14.2.58 is optional (14.2.58 considered implicitly covered by 14.2.58a). Controlled by px_RAB_ExecImpltTestedTC | 1 Execution: PS                       |             |
| 14.2.58a  | Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                    | R99     | C433          | UEs supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  | 1 Execution: PS                       |             |
| 14.2.59   | Void  |         |               |  |                                       |             |
| 14.2.60   | Void  |         |               |  |                                       |             |
| 14.2.61   | Void  |         |               |  |                                       |             |
| 14.2.62   | Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH              | Rel-5   | C387          | UE supporting FDD and Wide band speech and reference radio bearer configuration<br>" Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH"   | 1 Execution: CS                       |             |

| Clause      | Title   | Release            | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-------------|---|--------------------|---------------|--|---------------------------------------|-------------|
| 14.2.63.1   | Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI   | Rel-5              | C377          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI "   |                                       |             |
| 14.2.63.2   | Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI  | Rel-5              | C378          | UE supporting FDD and UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets) and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI"     |                                       |             |
| <b>14.3</b> | <b>Combinations on PDSCH and DPCH</b>   |                    |               |  |                                       |             |
| 14.3.1.1    | Void  |                    |               |  |                                       |             |
| 14.3.1.2    | Void  |                    |               |  |                                       |             |
| 14.3.2.1    | Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH  | R99 and Rel-4 only | C193          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.3.2.2    | Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH  | R99 and Rel-4 only | C194          | UE supporting FDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH"   |                                       |             |
| 14.3.3.1    | Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH   | R99 and Rel-4 only | C195          | UE supporting FDD and UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets) and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH"    |                                       |             |
| 14.3.3.2    | Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH   | R99 and Rel-4 only | C196          | UE supporting FDD and UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets) and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH"    |                                       |             |
| 14.3.4.1    | Void  |                    |               |  |                                       |             |
| 14.3.4.2    | Void  |                    |               |  |                                       |             |
| 14.3.5.1    | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH | R99 and Rel-4 only | C199          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |

| Clause      | Title  | Release            | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-------------|--|--------------------|---------------|---|---------------------------------------|-------------|
| 14.3.5.2    | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH  | R99 and Rel-4 only | C200          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 14.3.6.1    | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH | R99 and Rel-4 only | C201          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |
| 14.3.6.2    | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH | R99 and Rel-4 only | C202          | UE supporting FDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |
| <b>14.4</b> | <b>Combinations on SCCPCH</b>  |                    |               |   |                                       |             |
| 14.4.1      | Stand-alone signalling RB for PCCH   | R99                | C203          | UE supporting FDD and reference radio bearer configuration<br>"Stand-alone signalling RB for PCCH"  |                                       |             |
| 14.4.2      | Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH  | R99                | C204          | UE supporting FDD and reference radio bearer configuration<br>"Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH"   | 1 Execution: PS                       |             |
| 14.4.2a     | Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH                                      | R99                | C64           | UE supporting FDD and reference radio bearer configuration<br>"Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH"   | 1 Execution: PS                       |             |
| 14.4.3      | Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH  | R99                | C205          | UE supporting FDD and reference radio bearer configuration<br>"Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH"   | 1 Execution: PS                       |             |
| 14.4.4      | RB for CTCH + SRB for CCCH +SRB for BCCH.  | R99                | C61           | UE supporting FDD and reference radio bearer configuration "RB for CTCH + SRB for CCCH +SRB for BCCH" and Cell Broadcast Service (CBS)  | 1 Execution: CS+PS preferred          |             |

| Clause      | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-------------|---|---------|---------------|--|---------------------------------------|-------------|
| 14.4.5      | 64.8kbps RB for MTCH with 80 ms TTI / MBMS Broadcast Service  | Rel-6   | C545          | UEs supporting FDD and PS domain services and MBMS broadcast services and 64.8kbps RB for MTCH with 80 ms TTI.   | 1 Execution: PS                       |             |
| 14.4.5m     | 64.8kbps RB for MTCH with 80 ms TTI / MBMS Multicast Service  | Rel-6   | C546          | UEs supporting FDD and PS domain services and MBMS multicast services and 64.8kbps RB for MTCH with 80 ms TTI.   | 1 Execution: PS                       |             |
| 14.4.5n     | 64.8kbps RB for MTCH with 80 ms TTI / MBMS Multicast Service in MBSFN mode                                  | Rel-7   | C642          | UEs supporting FDD and PS domain services and MBMS multicast services in MBSFN mode and 64.8kbps RB for MTCH with 80 ms TTI.   | 1 Execution: PS                       |             |
| 14.4.6      | 129.6kbps RB for MTCH with 80 ms TTI / MBMS Broadcast Service   | Rel-6   | C547          | UEs supporting FDD and PS domain services and MBMS broadcast services and 129.6 kbps RB for MTCH with 80 ms TTI.   | 1 Execution: PS                       |             |
| 14.4.6m     | 129.6kbps RB for MTCH with 80 ms TTI / MBMS Multicast Service   | Rel-6   | C548          | UEs supporting FDD and PS domain services and MBMS multicast services and 129.6 kbps RB for MTCH with 80 ms TTI.   | 1 Execution: PS                       |             |
| 14.4.6n     | 129.6 kbps RB for MTCH with 80 ms TTI / MBMS Broadcast Service in MBSFN mode                                | Rel-7   | C642          | UEs supporting FDD and PS domain services and MBMS multicast services in MBSFN mode and 64.8kbps RB for MTCH with 80 ms TTI.   | 1 Execution: PS                       |             |
| 14.4.7      | 259.2kbps RB for MTCH with 40 ms TTI/ MBMS Broadcast Service  | Rel-6   | C549          | UEs supporting FDD and PS domain services and MBMS broadcast services and 259.2 kbps RB for MTCH with 40 ms TTI.   | 1 Execution: PS                       |             |
| 14.4.7m     | 259.2kbps RB for MTCH with 40 ms TTI/ MBMS Multicast Service  | Rel-6   | C550          | UEs supporting FDD and PS domain services and MBMS multicast services and 259.2 kbps RB for MTCH with 40 ms TTI.   | 1 Execution: PS                       |             |
| 14.4.7n     | 259.2 kbps RB for MTCH with 40 ms TTI / MBMS Broadcast Service in MBSFN mode                                | Rel-7   | C642          | UEs supporting FDD and PS domain services and MBMS multicast services in MBSFN mode and 259.2kbps RB for MTCH with 80 ms TTI.  | 1 Execution: PS                       |             |
| <b>14.5</b> | <b>Combinations on PRACH</b>  |         |               |  |                                       |             |
| 14.5.1      | Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH   | R99     | C206          | UE supporting FDD and reference radio bearer configuration "Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH"   |                                       |             |
| 14.5.2      | Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH | R99     | C65           | UE supporting FDD and reference radio bearer configuration "Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH" |                                       |             |

| Clause      | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-------------|--|---------|---------------|--|---------------------------------------|-------------|
| 14.5.3      | Interactive/Background / UL:32 DL: [max bit rate depending on UE category] with fixed RLC and MAC-ehs / PS RAB + SRBs for DCCH on RACH and SRB with fixed RLC and MAC-ehs on HS-DSCH / DL:QPSK | Rel-7   | C639          | UE supporting FDD and HS-PDSCH reception in CELL_FACH and reference radio bearer configuration "Interactive/Background / UL:32 DL: [max bit rate depending on UE category] with fixed RLC and MAC-ehs / PS RAB + SRBs for DCCH on RACH and SRB with fixed RLC and MAC-ehs on HS-DSCH / DL:QPSK"  | 1 Execution: PS                       |             |
| <b>14.6</b> | <b>Combinations on DPCH and HS-PDSCH</b>   |         |               |  |                                       |             |
| 14.6.1      | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-5   | C373          | UE supporting FDD and HS-PDSCH and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>Note:<br>For UEs for which test case 14.6.1a or 14.6.2 is applicable then test case 14.6.1 is optional (14.6.1 considered implicitly covered by 14.6.1a and 14.6.2). | 1 Execution: PS                       |             |
| 14.6.1a     | Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-5   | C373a         | UE supporting FDD and HS-PDSCH and Interactive or Background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>Note:<br>For UEs for which test case 14.6.2 is applicable then test case 14.6.1a is optional (14.6.1a considered implicitly covered by 14.6.2).                     | 1 Execution: PS                       |             |
| 14.6.1b     | Interactive or background / UL:64 DL: [max bit rate depending on UE category] with Fixed RLC and MAC-ehs PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: QPSK and 16QAM                        | Rel-7   | C373b         | UE supporting FDD and MAC-ehs and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 14.6.1c     | Interactive or background / UL:64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: 64QAM                              | Rel-7   | C373c         | UE supporting FDD and (FDD HS-DSCH category 13 or FDD HS-DSCH category 14 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20) and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                     | 1 Execution: PS                       |             |

| Clause  | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---------|--|---------|---------------|--|---------------------------------------|-------------|
| 14.6.1d | Interactive or background / UL:64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: QPSK, 16QAM and MIMO                                   | Rel-7   | C373d         | UE supporting FDD and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20) and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: PS                       |             |
| 14.6.1e | Interactive or background / UL:64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: 64QAM and MIMO   | Rel-8   | C373e         | UE supporting FDD and (FDD HS-DSCH category 19 or FDD HS-DSCH category 20) and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 14.6.1f | Interactive or background / UL:64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: QPSK, 16QAM and Dual-Cell                              | Rel-8   | C373f         | UE supporting FDD and Dual Cell Operation and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 14.6.1g | Interactive or background / UL:64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: 64QAM and Dual-Cell                                    | Rel-8   | C373g         | UE supporting FDD and Dual Cell Operation and (FDD HS-DSCH category 23 or 24) and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 14.6.1h | Interactive or background / UL:64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: 16QAM, Dual-Cell and MIMO                              | Rel-9   | C373h         | UE supporting FDD and (FDD HS-DSCH category 25 or 26 or 27 or 28) and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 14.6.1i | Interactive or background / UL:64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: 64QAM, Dual-Cell and MIMO                              | Rel-9   | C373i         | UE supporting FDD and (FDD HS-DSCH category 27 or 28) and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 14.6.1j | Interactive or background / UL: 64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH / DL: QPSK, 16QAM, 64QAM and 3C - 3C on Single Band (3-0) | Rel-10  | C851a         | UEs supporting FDD and (FDD HS-DSCH category 29, FDD HS-DSCH category 30, FDD HS-DSCH category 31 or FDD HS-DSCH category 32) and Single band Carrier Combination (3)  | 1 Execution: PS                       |             |
| 14.6.1k | Interactive or background / UL: 64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH / DL: QPSK, 16QAM, 64QAM and 3C - 3C on Dual Band (2-1)   | Rel-10  | C861a         | UEs supporting FDD and (FDD HS-DSCH category 29, FDD HS-DSCH category 30, FDD HS-DSCH category 31 or FDD HS-DSCH category 32) (Dual band Carrier Combination (2,1))  | 1 Execution: PS                       |             |

| Clause  | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------|--|---------|---------------|---|---------------------------------------|-------------|
| 14.6.1l | Interactive or background / UL: 64 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs PS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH / DL: QPSK, 16QAM, 64QAM and 3C - 3C on Dual Band (1-2) | Rel-10  | C860a         | UEs supporting FDD and (FDD HS-DSCH category 29, FDD HS-DSCH category 30, FDD HS-DSCH category 31 or FDD HS-DSCH category 32) (Dual band Carrier Combination (1,2))   | 1 Execution: PS                       |             |
| 14.6.2  | Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-5   | C374          | UE supporting FDD and HS-PDSCH and Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 14.6.3  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                              | Rel-5   | C399          | UE supporting FDD and PS and CS simultaneously and HS-PDSCH and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: CS+PS                    |             |
| 14.6.3a | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                               | Rel-5   | C400          | UE supporting FDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>Note:<br>For UEs for which test case 14.6.3 is applicable then test case 14.6.3a is optional (14.6.3a considered implicitly covered by 14.6.3). | 1 Execution: CS+PS                    |             |
| 14.6.4  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                 | Rel-5   | C401          | UE supporting FDD and HS-PDSCH and PS and CS simultaneously and Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: CS+PS                    |             |

| Clause  | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---------|---|---------|---------------|--|---------------------------------------|-------------|
| 14.6.4a | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-5   | C402          | <p>UE supporting FDD and HS-PDSCH and PS and CS simultaneously and Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH</p> <p>Note:<br/>For UEs for which test case 14.6.4 is applicable then test case 14.6.4a is optional (14.6.4a considered implicitly covered by 14.6.4).</p>     | 1 Execution: CS+PS                    |             |
| 14.6.5  | Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | Rel-5   | C403          | <p>UE supporting FDD and HS-PDSCH and Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH</p>   | 1 Execution: PS                       |             |
| 14.6.5a | Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                    | Rel-5   | C404          | <p>UE supporting FDD and HS-PDSCH and Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH</p> <p>Note:<br/>For UEs for which test case 14.6.5 is applicable then test case 14.6.5a is optional (14.6.5a considered implicitly covered by 14.6.5).</p> | 1 Execution: PS                       |             |
| 14.6.6  | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-5   | C405          | <p>UE supporting FDD and HS-PDSCH and Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH</p>  | 1 Execution: PS                       |             |



| Clause  | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---------|---|---------|---------------|--|---------------------------------------|-------------|
| 14.6.6a | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: QPSK and 16QAM            | Rel-7   | C405a         | UE supporting FDD and MAC-ehs and Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 14.6.6b | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: 64QAM                     | Rel-7   | C405b         | UE supporting FDD and (FDD HS-DSCH category 13 or FDD HS-DSCH category 14 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20) and Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: PS                       |             |
| 14.6.6c | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: QPSK, 16QAM and MIMO      | Rel-7   | C405c         | UE supporting FDD and (FDD HS-DSCH category 15 or FDD HS-DSCH category 16 or FDD HS-DSCH category 17 or FDD HS-DSCH category 18 or FDD HS-DSCH category 19 or FDD HS-DSCH category 20) and Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: PS                       |             |
| 14.6.6d | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: 64QAM and MIMO            | Rel-8   | C405d         | UE supporting FDD and (FDD HS-DSCH category 19 or FDD HS-DSCH category 20) and Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 14.6.6e | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: QPSK, 16QAM and Dual-Cell | Rel-8   | C405e         | UE supporting FDD and Dual Cell Operation and Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |

| Clause  | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------|---|---------|---------------|---|---------------------------------------|-------------|
| 14.6.6f | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: 64QAM and Dual-Cell                         | Rel-8   | C405f         | UE supporting FDD and Dual Cell Operation and (FDD HS-DSCH category 23 or 24) and Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 14.6.6g | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: combination of 16QAM, Dual-Carrier and MIMO | Rel-9   | C405g         | UE supporting FDD and (FDD HS-DSCH category 25 or 26 or 27 or 28) and Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 14.6.6h | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] with Flexible RLC and MAC-ehs / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / DL: combination of 64QAM, Dual-Carrier and MIMO | Rel-9   | C405h         | UE supporting FDD and (FDD HS-DSCH category 27 or 28) and Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 14.6.7  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-5   | C406          | UE supporting FDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: CS+PS                    |             |
| 14.6.8  | Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Interactive or Background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH  | Rel-5   | C407          | UE supporting FDD and HS-PDSCH and Wide band speech and PS and CS simultaneously and Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Interactive or Background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH                                 | 1 Execution: CS+PS                    |             |

| Clause   | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|----------|--|---------|---------------|--|---------------------------------------|-------------|
| 14.6.9   | Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / MBMS Selected Service  | Rel-6   | C556          | UE supporting FDD and PS domain services and simultaneous HS-PDSCH and MBMS services and MBMS broadcast services and Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 14.6.9m  | Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / MBMS Multicast Service   | Rel-6   | C557          | UE supporting FDD and PS domain services and simultaneous HS-PDSCH and MBMS services and MBMS multicast services and Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 14.6.10  | Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / MBMS Selected Service  | Rel-6   | C582          | UE supporting FDD and PS domain services and simultaneous HS-PDSCH and MBMS services and MBMS broadcast services and Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: PS                       |             |
| 14.6.10m | Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / MBMS Multicast Service | Rel-6   | C583          | UE supporting FDD and PS domain services and simultaneous HS-PDSCH and MBMS services and MBMS multicast services and Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: PS                       |             |
| 14.7.1   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH  | Rel-6   | C436          | UEs supporting FDD and HS-PDSCH and E-DPDCH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH  | 1 Execution: PS                       |             |

| Clause  | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---------|--|---------|---------------|--|---------------------------------------|-------------|
| 14.7.1a | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH/ UL 16QAM  | Rel-7   | C586          | UEs supporting FDD and HS-PDSCH and E-DPDCH and UL 16QAM and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH   | 1 Execution: PS                       |             |
| 14.7.2  | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH   | Rel-6   | C437          | UEs supporting FDD and HS-PDSCH and E-DPDCH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH   | 1 Execution: PS                       |             |
| 14.7.3  | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH   | Rel-6   | C561          | UEs supporting FDD and HS-PDSCH and E-DPDCH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH and fully supporting F-DPCH | 1 Execution: PS                       |             |
| 14.7.3a | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Flexible RLC, MAC-ehs and MAC-i/is / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH with MAC-ehs and MAC-i/is | Rel-8   | C438a         | UEs supporting FDD and HS-PDSCH and E-DPDCH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH and supporting MAC-i/is     | 1 Execution: PS                       |             |

| Clause  | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---------|--|---------|---------------|--|---------------------------------------|-------------|
| 14.7.3b | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Flexible RLC, MAC-ehs and MAC-i/is / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH with MAC-ehs and MAC-i/is / UL: QPSK and Dual-Cell DL: 16QAM and Dual-Cell    | Rel-9   | C438b         | UEs supporting FDD and HS-PDSCH and E-DPDCH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH and supporting Dual Cell E-DCH operation (FDD E-DCH physical layer categories 8 or 9)                                 | 1 Execution: PS                       |             |
| 14.7.3c | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Flexible RLC, MAC-ehs and MAC-i/is / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH with MAC-ehs and MAC-i/is / UL: 16QAM and Dual-Cell DL: 16QAM and Dual-Cell   | Rel-9   | C438c         | UEs supporting FDD and HS-PDSCH and E-DPDCH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH and supporting UL 16QAM in Dual Cell E-DCH operation (FDD E-DCH physical layer category 9)                            | 1 Execution: PS                       |             |
| 14.7.4  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-6   | C439          | UEs supporting FDD and HS-PDSCH and E-DPDCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 14.7.5  | Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | Rel-6   | C440          | UEs supporting FDD and HS-PDSCH and E-DPDCH and Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 1 Execution: PS                       |             |

| Clause  | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------|--|---------|---------------|---|---------------------------------------|-------------|
| 14.7.6  | Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH   | Rel-6   | C562          | UEs supporting FDD and HS-PDSCH and E-DPDCH and Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH and fully supporting F-DPCH              | 1 Execution: PS                       |             |
| 14.7.6a | Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH/ UL 16QAM   | Rel-7   | C587          | UEs supporting FDD and HS-PDSCH and E-DPDCH and UL 16QAM and Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH and fully supporting F-DPCH | 1 Execution: PS                       |             |
| 14.7.6b | Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps with Flexible RLC and MAC-ehs / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and SRBs with Fixed RLC and MAC-ehs on HS-DSCH / UL: QPSK and DL: QPSK | Rel-7   | C562a         | UEs supporting FDD and MAC-ehs and E-DPDCH and Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH and fully supporting F-DPCH               | 1 Execution: PS                       |             |

| Clause  | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------|--|---------|---------------|---|---------------------------------------|-------------|
| 14.7.6c | Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps with Flexible RLC, MAC-ehs and MAC-i/is / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Fixed RLC, MAC-ehs and MAC-i/is / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH with MAC-ehs and MAC-i/is / UL: QPSK and DL: QPSK                      | Rel-8   | C562b         | UEs supporting FDD and MAC-ehs and E-DPDCH and Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH and supporting MAC-i/is   | 1 Execution: PS                       |             |
| 14.7.7  | Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | Rel-6   | C563          | UEs supporting FDD and HS-PDSCH and E-DPDCH and Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH and fully supporting F-DPDCH | 1 Execution: PS                       |             |
| 14.7.8  | Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH   | Rel-6   | C457          | UEs supporting FDD and HS-PDSCH and E-DPDCH and Wide band speech and PS and CS simultaneously and Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH  | 1 Execution: PS                       |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|---|---------------------------------------|-------------|
| 14.7.9    | Conversational / speech / UL:(12.2, 7.95, 5.9, 4.75) kbps DL: (12.2, 7.95, 5.9, 4.75) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH  | Rel-7   | C617          | UE supporting FDD and CS Voice over HSPA and Conversational / speech / UL:(12.2, 7.95, 5.9, 4.75) kbps DL: (12.2, 7.95, 5.9, 4.75) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH<br><br>Note: CS Voice over HSPA is an optional Rel-8 feature that may be implemented in Rel-7 UEs.     | 1 execution: CS                       |             |
| 14.7.10   | Conversational / speech / UL:(12.65, 8.85, 6.6) kbps DL: (12.65, 8.85, 6.6) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH  | Rel-7   | C618          | UE supporting FDD and CS Voice over HSPA and Conversational / speech / UL:(12.65, 8.85, 6.6) kbps DL: (12.65, 8.85, 6.6) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH<br><br>Note: CS Voice over HSPA is an optional Rel-8 feature that may be implemented in Rel-7 UEs.               | 1 execution: CS                       |             |
| 14.7.11   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH for enhanced uplink/downlink in CELL_FACH         | Rel-8   | C678          | UEs supporting FDD and HS-PDSCH and E-DPDCH and enhanced uplink in Cell_FACH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH for enhanced uplink/downlink in CELL_FACH | 1 Execution: PS                       |             |
| 14.7.11a  | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on common E-DCH and HS-DSCH for enhanced CELL_FACH with DRX configured | Rel-8   | C732          | UEs supporting FDD and HS-DSCH DRX in CELL_FACH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on common E-DCH and HS-DSCH for enhanced CELL_FACH  | 1 Execution: PS                       |             |
| <b>15</b> | <b>SUPPLEMENTARY SERVICES</b><br>(NOTE 1, NOTE 2)  |         |               |   |                                       |             |



| Clause | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|--------|---|---------|---------------|--|---------------------------------------|-------------|
| 15.1.1 | CLIP / Normal operation   | Rel-8   | C885          | UEs supporting FDD and a CS bearer service and speech and MT circuit switched basic service and Calling Line Identification Presentation | 1 Execution: CS                       |             |
| 15.2.1 | CLIR / Normal operation - requesting presentation of CLI              | Rel-8   | C887          | UEs supporting FDD and a CS bearer service and speech and MO circuit switched basic service and Calling Line Identification Restriction  | 1 Execution: CS                       |             |
| 15.2.2 | CLIR / Normal operation - requesting restriction of CLI presentation  | Rel-8   | C887          | UEs supporting FDD and a CS bearer service and speech and MO circuit switched basic service and Calling Line Identification Restriction  | 1 Execution: CS                       |             |
| 15.3.1 | CNAP/Normal Operation – Name indication contained in Setup message    | Rel-8   | C901          | UEs supporting FDD and a CS bearer service and speech and At least one MT circuit switched basic service and CNAP                        | 1 Execution: CS                       |             |
| 15.3.2 | CNAP/Normal Operation – Name indication contained in Facility message | Rel-8   | C901          | UEs supporting FDD and a CS bearer service and speech and At least one MT circuit switched basic service and CNAP                        | 1 Execution: CS                       |             |
| 15.3.3 | CNAP/Interrogation accepted   | Rel-8   | C902          | UEs supporting FDD and a CS bearer service and speech and At least one MO circuit switched basic service and CNAP                        | 1 Execution: CS                       |             |
| 15.3.4 | CNAP/Interrogation rejected   | Rel-8   | C902          | UEs supporting FDD and a CS bearer service and speech and At least one MO circuit switched basic service and CNAP                        | 1 Execution: CS                       |             |
| 15.4.1 | Call forwarding supplementary services, Registration accepted         | Rel-8   | C897          | UE supporting FDD and a CS bearer service and speech and the SSs CFNRy or CFU  | 1 Execution: CS                       |             |
| 15.4.2 | Call forwarding supplementary services, Registration rejected         | Rel-8   | C897          | UE supporting FDD and a CS bearer service and speech and the SSs CFNRy or CFU  | 1 Execution: CS                       |             |
| 15.4.3 | Call forwarding supplementary services, Erasure accepted              | Rel-8   | C898          | UE supporting FDD and a CS bearer service and speech and the SSs CFB or CFNRc  | 1 Execution: CS                       |             |
| 15.4.4 | Call forwarding supplementary services, Erasure rejected              | Rel-8   | C898          | UE supporting FDD and a CS bearer service and speech and the SSs CFB or CFNRc  | 1 Execution: CS                       |             |
| 15.4.5 | Call forwarding supplementary services, Activation                    | Rel-8   | C899          | UE supporting FDD and a CS bearer service and speech and the SSs CFB or CFU  | 1 Execution: CS                       |             |
| 15.4.6 | Call forwarding supplementary services, Deactivation                  | Rel-8   | C898          | UE supporting FDD and a CS bearer service and speech and the SSs CFB or CFNRc  | 1 Execution: CS                       |             |
| 15.4.7 | Call forwarding supplementary services, Interrogation accepted        | Rel-8   | C900          | UE supporting FDD and a CS bearer service and speech and the SSs CFB or CFNRy  | 1 Execution: CS                       |             |

| Clause | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|--------|---|---------|---------------|---|---------------------------------------|-------------|
| 15.4.8 | Call forwarding supplementary services, Interrogation rejected  | Rel-8   | C900          | UE supporting FDD and a CS bearer service and speech and the SSs CFB or CFNRy       | 1 Execution: CS                       |             |
| 15.5.1 | Call completion supplementary services, Waiting call indication and confirmation  | Rel-8   | C907          | UE supporting FDD and a CS bearer service and speech and call waiting               | 1 Execution: CS                       |             |
| 15.5.2 | Call completion supplementary services, Waiting call accepted; existing call released   | Rel-8   | C907          | UE supporting FDD and a CS bearer service and speech and call waiting               | 1 Execution: CS                       |             |
| 15.5.3 | Call completion supplementary services, Waiting call accepted; existing call on hold, no additional calls                         | Rel-8   | C908          | UE supporting FDD and a CS bearer service and speech and call waiting and call hold | 1 Execution: CS                       |             |
| 15.5.4 | Call completion supplementary services, Existing call released by user A; waiting call accepted                                   | Rel-8   | C907          | UE supporting FDD and a CS bearer service and speech and call waiting               | 1 Execution: CS                       |             |
| 15.5.5 | Call completion supplementary services, Waiting call released by subscriber B   | Rel-8   | C907          | UE supporting FDD and a CS bearer service and speech and call waiting               | 1 Execution: CS                       |             |
| 15.5.6 | Call completion supplementary services, Waiting call released by calling user C   | Rel-8   | C907          | UE supporting FDD and a CS bearer service and speech and call waiting               | 1 Execution: CS                       |             |
| 15.5.7 | Call completion supplementary services, Activation  | Rel-8   | C907          | UE supporting FDD and a CS bearer service and speech and call waiting               | 1 Execution: CS                       |             |
| 15.5.8 | Call completion supplementary services, Deactivation  | Rel-8   | C907          | UE supporting FDD and a CS bearer service and speech and call waiting               | 1 Execution: CS                       |             |
| 15.6.1 | Call completion supplementary services, Hold invocation   | Rel-8   | C893          | UE supporting FDD and a CS bearer service and speech and Call Hold                  | 1 Execution: CS                       |             |
| 15.6.2 | Call completion supplementary services, Retrieve procedure  | Rel-8   | C893          | UE supporting FDD and a CS bearer service and speech and Call Hold                  | 1 Execution: CS                       |             |
| 15.6.3 | Call completion supplementary services, Alternate from one call to the other  | Rel-8   | C893          | UE supporting FDD and a CS bearer service and speech and Call Hold                  | 1 Execution: CS                       |             |
| 15.7.1 | Multi-party supplementary services, Beginning the MultiParty service, successful case   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                 | 1 Execution: CS                       |             |
| 15.7.2 | Multi-party supplementary services, Beginning the MultiParty service, unsuccessful case   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                 | 1 Execution: CS                       |             |
| 15.7.3 | Multi-party supplementary services, Beginning the MultiParty service, expiry of timer T(BuildMPTY)                                | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                 | 1 Execution: CS                       |             |
| 15.7.4 | Multi-party, Managing an active MultiParty call, Put the MultiParty call on hold, successful case                                 | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                 | 1 Execution: CS                       |             |
| 15.7.5 | Multi-party, Managing an active MultiParty call, Put the MultiParty call on hold, unsuccessful case                               | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                 | 1 Execution: CS                       |             |
| 15.7.6 | Multi-party, Managing an active MultiParty call, Put the MultiParty call on hold, expiry of timer T(HoldMPTY)                     | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                 | 1 Execution: CS                       |             |
| 15.7.7 | Multi-party, Managing an active MultiParty call, Create a private communication with one of the remote parties, successful case   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                 | 1 Execution: CS                       |             |
| 15.7.8 | Multi-party, Managing an active MultiParty call, Create a private communication with one of the remote parties, unsuccessful case | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                 | 1 Execution: CS                       |             |

| Clause  | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 15.7.9  | Multi-party, Managing an active MultiParty call, Create a private communication with one of the remote parties, expiry of timer T(SplitMPTY) | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.10 | Multi-party supplementary services, Terminate the entire MultiParty call   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.11 | Multi-party supplementary services, Explicitly disconnect a remote party   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.12 | Multi-party supplementary services, Release from the MultiParty call   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.13 | Multi-party supplementary services, Retrieve the held MultiParty call, successful case   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.14 | Multi-party supplementary services, Retrieve the held MultiParty call, unsuccessful case   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.15 | Multi-party supplementary services, Retrieve the held MultiParty call, expiry of timer T(RetrieveMPTY)                                       | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.16 | Multi-party supplementary services, Initiate a new call  | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.17 | Multi-party supplementary services, Process a call waiting request   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.18 | Multi-party supplementary services, Terminate the held MultiParty call   | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.19 | Multi-party, Managing a single call and a MultiParty call, Disconnect the single call, single call active                                    | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.20 | Multi-party, Managing a single call and a MultiParty call, Disconnect the single call, single call held                                      | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.21 | Clear all parties of held MultiParty call  | Rel-8   | C894          | UE supporting FDD and a CS bearer service and speech and MultiParty                                       | 1 Execution: CS                       |             |
| 15.7.22 | Clear all parties of active MultiParty call  | Rel-8   | C894          | UE supporting FDD and speech and MultiParty   | 1 Execution: CS                       |             |
| 15.7.23 | Multi-party supplementary services, Disconnect all calls   | Rel-8   | C894          | UE supporting FDD and speech and MultiParty   | 1 Execution: CS                       |             |
| 15.7.24 | Multi-party supplementary services, Add the single call to the MPTY, successful case   | Rel-8   | C894          | UE supporting FDD and speech and MultiParty   | 1 Execution: CS                       |             |
| 15.7.25 | Multi-party supplementary services, Add the single call to the MPTY, maximum number of participants exceeded                                 | Rel-8   | C894          | UE supporting FDD and speech and MultiParty   | 1 Execution: CS                       |             |
| 15.7.26 | Multi-party supplementary services, Alternate between the MPTY call and the single call  | Rel-8   | C894          | UE supporting FDD and speech and MultiParty   | 1 Execution: CS                       |             |
| 15.7.27 | Multi-party supplementary services, Adding extra remote parties  | Rel-8   | C894          | UE supporting FDD and speech and MultiParty   | 1 Execution: CS                       |             |
| 15.8.1  | Registration accepted  | Rel-8   | C888          | UEs supporting FDD and a CS bearer service and speech, and BAOC or BOIC or BOIC-exHC or BAIC or BIC-Roam. | 1 Execution: CS                       |             |

| Clause  | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 15.8.2  | Rejection after invoke of the operation "register password" with SS subscription violation       | Rel-8   | C888          | UEs supporting FDD and a CS bearer service and speech, and BAOC or BOIC or BOIC-exHC or BAIC or BIC-Roam.                              | 1 Execution: CS                       |             |
| 15.8.3  | Rejection after password check with negative result  | Rel-8   | C888          | UEs supporting FDD and a CS bearer service and speech, and BAOC or BOIC or BOIC-exHC or BAIC or BIC-Roam.                              | 1 Execution: CS                       |             |
| 15.8.4  | Activation accepted  | Rel-8   | C890          | UEs supporting FDD and a CS bearer service and speech and BAOC or BICRoam  | 1 Execution: CS                       |             |
| 15.8.5  | Rejection after invoke of ActivateSS operation   | Rel-8   | C910          | UEs supporting FDD and a CS bearer service and speech and BOIC   | 1 Execution: CS                       |             |
| 15.8.6  | Deactivation accepted  | Rel-8   | C888          | UEs supporting FDD and a CS bearer service and speech, and BAOC or BOIC or BOIC-exHC or BAIC or BIC-Roam                               | 1 Execution: CS                       |             |
| 15.8.7  | Rejection after invoke of DeactivateSS operation   | Rel-8   | C911          | UEs supporting FDD and a CS bearer service and speech and BAIC   | 1 Execution: CS                       |             |
| 15.8.8  | Rejection after use of password procedure  | Rel-8   | C912          | UEs supporting FDD and a CS bearer service and speech and BOIC-exHC  | 1 Execution: CS                       |             |
| 15.8.9  | Normal operation   | Rel-8   | C891          | UEs supporting FDD and a CS bearer service and speech  | 1 Execution: CS                       |             |
| 15.9.1  | ProcessUnstructuredSS-request/accepted   | Rel-8   | C896          | UE supporting FDD and a CS bearer service and speech and at least one MO circuit switched basic service and capable of performing USSD | 1 Execution: CS                       |             |
| 15.9.2  | ProcessUnstructuredSS-request/cross phase compatibility and error handling                       | Rel-8   | C896          | UE supporting FDD and a CS bearer service and speech and at least one MO circuit switched basic service and capable of performing USSD | 1 Execution: CS                       |             |
| 15.9.3  | UnstructuredSS-Notify/accepted   | Rel-8   | C913          | UE supporting FDD and a CS bearer service and speech and at least one MT circuit switched basic service and capable of performing USSD | 1 Execution: CS                       |             |
| 15.9.4  | UnstructuredSS-Notify/rejected on user busy  | Rel-8   | C895          | UE supporting FDD and a CS bearer service and capable of performing USSD   | 1 Execution: CS                       |             |
| 15.9.5  | UnstructuredSS-Request/accepted  | Rel-8   | C913          | UE supporting FDD and a CS bearer service and speech and at least one MT circuit switched basic service and capable of performing USSD | 1 Execution: CS                       |             |
| 15.9.6  | MMI input for USSD   | Rel-8   | C896          | UE supporting FDD and a CS bearer service and speech and at least one MO circuit switched basic service and capable of performing USSD | 1 Execution: CS                       |             |
| 15.10.1 | Explicit Call Transfer invocation, successful case, both calls active, clearing using DISCONNECT | Rel-8   | C892          | UEs supporting FDD and a CS bearer service and speech and capable of performing explicit call transfer                                 | 1 Execution: CS                       |             |

| Clause    | Title  | Release       | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 15.10.2   | Explicit Call Transfer invocation, successful case, both calls active, clearing using RELEASE          | Rel-8         | C892          | UEs supporting FDD and a CS bearer service and speech and UE capable of performing explicit call transfer  | 1 Execution: CS                       |             |
| 15.10.3   | Explicit Call Transfer invocation, successful case, both calls active, clearing using RELEASE COMPLETE | Rel-8         | C892          | UEs supporting FDD and a CS bearer service and speech and UE capable of performing explicit call transfer  | 1 Execution: CS                       |             |
| 15.10.4   | Explicit Call Transfer invocation, successful case, second call alerting                               | Rel-8         | C892          | UEs supporting FDD and a CS bearer service and speech and UE capable of performing explicit call transfer  | 1 Execution: CS                       |             |
| 15.10.5   | Explicit Call Transfer invocation, expiry of T(ECT)  | Rel-8         | C892          | UEs supporting FDD and a CS bearer service and speech and UE capable of performing explicit call transfer  | 1 Execution: CS                       |             |
| <b>16</b> | <b>SMS</b>   |               |               |  |                                       |             |
| 16.1.1    | SMS on CS mode / SMS mobile terminated   | R99           | C18           | UE capable of receiving Short Message at any time on CS mode.  | 1 Execution: CS                       |             |
| 16.1.2    | SMS on CS mode / SMS mobile originated   | R99           | C20           | UE capable of submitting Short Message at any time on CS mode.   | 1 Execution: CS                       |             |
| 16.1.3    | SMS on CS mode / Test of memory full condition and memory available notification                       | R99           | C21           | UE capable of sending the correct acknowledgement of memory full condition on CS mode.   |                                       |             |
| 16.1.4    | SMS on CS mode / Test of the status report capabilities and of SMS-COMMAND                             | R99           | C22           | UEs supporting the status report capabilities on CS mode.  |                                       |             |
| 16.1.5.1  | SMS on CS mode / Short message class 0   | R99           | C23           | UE capable of displaying short messages on CS mode   |                                       |             |
| 16.1.5.2  | SMS on CS mode / Test of class 1 short messages  | R99           | C24           | UE capable of displaying short messages and storing of received Class 1 Short Messages on CS mode  |                                       |             |
| 16.1.5.3  | SMS on CS mode / Test of class 2 short messages  | R99           | C25           | UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM on CS mode.  |                                       |             |
| 16.1.5.4  | SMS on CS mode / Test of class 3 short messages  | R99           | [FFS]         | [FFS]  |                                       |             |
| 16.1.6    | SMS on CS mode / Test of short message type 0 (R99 and REL-4 UE)                                       | R99 and Rel-4 | C18           | UE capable of receiving Short Message on CS mode   |                                       |             |
| 16.1.6a   | SMS on CS mode / Test of short message type 0 ( $\geq$ REL-5 UE)                                       | Rel-5         | C18           | UE capable of receiving, displaying and storing of received Short Messages in the UE-(U)SIM message store on CS mode.  |                                       |             |
| 16.1.7    | SMS on CS mode / Test of the replace mechanism for SM type 1-7   | R99           | C33           | UEs which support Replace Short Messages and display of received Short Messages on CS mode.  |                                       |             |
| 16.1.8    | SMS on CS mode / Test of the reply path scheme   | R99           | C34           | UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages on CS mode. |                                       |             |

| Clause   | Title  | Release       | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|----------|--|---------------|---------------|--|---------------------------------------|-------------|
| 16.1.9.1 | SMS on CS mode / Multiple SMS mobile originated / UE in idle mode  | R99           | C35           | UE supporting the ability of sending concatenated multiple short messages on the same RR connection when there is no call in progress on CS mode.  | 1 Execution: CS                       |             |
| 16.1.9.2 | SMS on CS mode / Multiple SMS mobile originated / UE in active mode  | R99           | C36d          | UE supporting the ability of sending concatenated multiple short messages on the same RR connection when there is a call in progress on CS mode.   | 1 Execution: CS                       |             |
| 16.1.10  | SMS on CS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message | R99           | C101          | UE capable of receiving Short Message whilst sending Short Message on CS mode.   | 1 Execution: CS                       |             |
| 16.2.1   | SMS on PS mode / SMS mobile terminated   | R99           | C26           | UE capable of receiving Short Message at any time on PS mode.  | 1 Execution: PS                       |             |
| 16.2.2   | SMS on PS mode / SMS mobile originated   | R99           | C27           | UE capable of submitting Short Message at any time on PS mode.   | 1 Execution: PS                       |             |
| 16.2.3   | SMS on PS mode / Test of memory full condition and memory available notification   | R99           | C28           | UE capable of sending the correct acknowledgement of memory full condition in PS mode.   |                                       |             |
| 16.2.4   | SMS on PS mode / Test of the status report capabilities and of SMS-COMMAND   | R99           | C29           | UEs supporting the status report capabilities in PS mode.  |                                       |             |
| 16.2.5.1 | Short message class 0  | R99           | C30           | UE capable of displaying short messages in PS mode   |                                       |             |
| 16.2.5.2 | SMS on PS mode / Test of class 1 short messages  | R99           | C31           | UE capable of displaying short messages and storing of received Class 1 Short Messages in PS mode  |                                       |             |
| 16.2.5.3 | SMS on PS mode / Test of class 2 short messages  | R99           | C32           | UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM in PS mode.  |                                       |             |
| 16.2.5.4 | SMS on PS mode / Test of class 3 short messages  | R99           | [FFS]         | [FFS]  |                                       |             |
| 16.2.6   | SMS on PS mode / Test of short message type 0 (R99 and REL-4 UE)   | R99 and Rel-4 | C26           | UE capable of receiving Short Message on PS mode   |                                       |             |
| 16.2.6a  | SMS on PS mode / Test of short message type 0 ( $\geq$ REL-5 UE)   | Rel-5         | C26           | UE capable of receiving, displaying and storing of received Short Messages in the UE-/(U)SIM message store on PS mode.   |                                       |             |
| 16.2.7   | SMS on PS mode / Test of the replace mechanism for SM type 1-7   | R99           | C37           | UEs which support Replace Short Messages and display of received Short Messages in PS mode.  |                                       |             |
| 16.2.8   | SMS on PS mode / Test of the reply path scheme   | R99           | C38           | UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages in PS mode. |                                       |             |

| Clause      | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 16.2.10     | SMS on PS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message | R99     | C102          | UE capable of receiving Short Message whilst sending Short Message on PS mode.                  | 1 Execution: PS                       |             |
| 16.3        | Short message service cell broadcast   | R99     | C219          | UE capable of receiving broadcast messages.   | 1 Execution: CS+PS preferred          |             |
| 16.3a       | Short message service cell broadcast Discontinuous Reception (DRX)   | Rel-5   | C806          | UE capable of receiving broadcast messages and of cell broadcast service DRX.                   | 1 Execution: CS+PS preferred          |             |
| <b>17</b>   | <b>SPECIFIC FEATURES</b>   |         |               |   |                                       |             |
| <b>17.1</b> | <b>Test of autocalling restrictions</b>  |         |               |   |                                       |             |
| 17.1.2      | Constraining the access to a single number   | R99     | C93           | All UEs supporting autocalling  |                                       |             |
| 17.1.3      | Constraining the access to a single number   | R99     | C93           | All UEs supporting autocalling  |                                       |             |
| 17.1.4      | Behaviour of the MS when its list of blacklisted numbers is full   | R99     | C94           | UEs that are capable of autocalling more than M B-party numbers.                                |                                       |             |
| <b>17.2</b> | <b>Location services</b>   |         |               |   |                                       |             |
| 17.2.2.1    | LCS Network Induced location request/ UE-Based GPS/ Emergency Call / with USIM   |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.1.1). |                                       |             |
| 17.2.2.2    | LCS Network induced location request/ UE-Based GPS/ Emergency call/ Without USIM   |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.1.2). |                                       |             |
| 17.2.2.3    | LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ With USIM   |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.1.3). |                                       |             |
| 17.2.2.4    | LCS Network induced location request/ UE-Assisted GPS/ Emergency call/ Without USIM  |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.1.4). |                                       |             |
| 17.2.3.1    | Void   |         |               |   |                                       |             |
| 17.2.3.2    | LCS Mobile originated location request/ UE-Based GPS/ Position estimate request/ Success   |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.2.1). |                                       |             |
| 17.2.3.3    | LCS Mobile originated location request UE-Based or UE-Assisted GPS / Assistance data request/ Success                              |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.2.2). |                                       |             |
| 17.2.3.4    | LCS Mobile originated location request/ UE-Assisted GPS/ Position Estimate/ Success  |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.2.3). |                                       |             |
| 17.2.3.5    | Void   |         |               |   |                                       |             |
| 17.2.3.6    | LCS Mobile originated location request/ UE-Based GPS/ Transfer to third party/ Success   |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.2.4). |                                       |             |
| 17.2.3.7    | LCS Mobile originated location request/ UE-Assisted GPS/ Transfer to third party/ Success  |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.2.5). |                                       |             |
| 17.2.3.8    | LCS Mobile originated location request/ UE-Based or UE-Assisted GPS/ Assistance data request/ Failure                              |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.2.6). |                                       |             |

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| 17.2.3.9    | LCS Mobile originated location request/ UE-Based GPS/ Position estimate request/ Failure                           |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.2.7).  |                                       |             |
| 17.2.4.1    | LCS Mobile terminated location request/ UE-Based GPS   |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.1).  |                                       |             |
| 17.2.4.2    | LCS Mobile terminated location request/ UE-Based GPS/ Request of additional assistance data/ Success               |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.2).  |                                       |             |
| 17.2.4.3    | LCS Mobile terminated location request/ UE-Based GPS/ Request for additional assistance data/ Failure              |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.3).  |                                       |             |
| 17.2.4.4    | LCS Mobile terminated location request/ UE-Assisted GPS  |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.4).  |                                       |             |
| 17.2.4.5    | LCS Mobile terminated location request/ UE-Assisted GPS/ Request for additional assistance data/ Success           |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.5).  |                                       |             |
| 17.2.4.6    | LCS Mobile terminated location request/ UE-Based GPS/ Privacy Verification/ Location Allowed if No Response        |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.6).  |                                       |             |
| 17.2.4.7    | LCS Mobile terminated location request/ UE-Based GPS/ Privacy Verification/ Location Not Allowed if No Response    |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.7).  |                                       |             |
| 17.2.4.8    | LCS Mobile terminated location request/ UE-Assisted GPS/ Privacy Verification/ Location Allowed if No Response     |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.8).  |                                       |             |
| 17.2.4.9    | LCS Mobile terminated location request/ UE-Assisted GPS/ Privacy Verification/ Location Not Allowed if No Response |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.9).  |                                       |             |
| 17.2.4.10   | LCS Mobile terminated location request/ UE-Based or UE-Assisted GPS/ Configuration incomplete                      |         |               | The ICS for this test case is provided in 3GPP TS 37.571-3 [57], Table 4-5 (Test Case 6.1.3.10). |                                       |             |
| <b>17.3</b> | <b><i>Mobility between 3GPP WLAN Interworking and 3GPP Systems</i></b>   |         |               |  |                                       |             |



| Clause | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 17.3.1 | Discovery of the Home Agent address via DNS   | Rel-8   | C670          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems and being configured to discover the Home Agent address via DNS  |                                       |             |
|        |   |         | C671          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems and being configured to discover the Home Agent address via DNS |                                       |             |
| 17.3.2 | Discovery of the Home Agent address and Home Network Prefix during PDP context activation procedure | Rel-8   | C759          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems and being configured to discover the Home Agent address via PCO  |                                       |             |
|        |   |         | C760          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems and being configured to discover the Home Agent address via PCO |                                       |             |
| 17.3.3 | Void  |         |               |  |                                       |             |
| 17.3.4 | Security association establishment  | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |
|        |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems   |                                       |             |
| 17.3.5 | Registration of a new IPv6 CoA (Binding Update/Acknowledgment procedure in IPv6 network)            | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |
|        |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems   |                                       |             |
| 17.3.6 | Registration of a new IPv4 CoA (Binding Update/Acknowledgment procedure in IPv4 only network)       | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |
|        |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems   |                                       |             |

| Clause  | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 17.3.7  | Re-registration of IPv6 CoA                                       | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |
|         |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems |                                       |             |
| 17.3.8  | Re-registration of IPv4 CoA                                       | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |
|         |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems |                                       |             |
| 17.3.9  | Return to home link   | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |
|         |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems |                                       |             |
| 17.3.11 | Termination of protection of DSMIPv6 tunnel traffic by Home Agent | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |
|         |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems |                                       |             |
| 17.3.10 | Initiation of protection of DSMIPv6 tunnel traffic by Home Agent  | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |
|         |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems |                                       |             |
| 17.3.12 | Dual-Stack Mobile IPv6 detach in IPv6 network                     | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |
|         |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems |                                       |             |
| 17.3.13 | Dual-Stack Mobile IPv6 detach in IPv4 network                     | Rel-8   | C672          | UEs supporting FDD and mobility between 3GPP WLAN Interworking and 3GPP Systems  |                                       |             |

| Clause        | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------------|---|---------|---------------|---|---------------------------------------|-------------|
|               |   |         | C673          | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option or 7.68 Mcps TDD option and mobility between 3GPP WLAN Interworking and 3GPP Systems            |                                       |             |
| <b>18</b>     | <b>Multi-Layer Functional Tests</b>   |         |               |   |                                       |             |
| <b>18.1.2</b> | <b>RAB Tests for TDD (1.28 Mcps option) Combinations on DPCH</b>                                |         |               |   |                                       |             |
| 18.1.2.1      | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH  | Rel-4   | C220          | UEs supporting LCRTDD and reference radio bearer configuration "Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH"   |                                       |             |
| 18.1.2.2      | Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-4   | C221          | UEs supporting LCRTDD and reference radio bearer configuration "Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 18.1.2.3      | Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH  | Rel-4   | C222          | UEs supporting LCRTDD and reference radio bearer configuration "Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH"   |                                       |             |
| 18.1.2.4      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH      | Rel-4   | C223          | UEs supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |
| 18.1.2.4a     | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH(TDD) | Rel-7   | C223          | UEs supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |
| 18.1.2.5      | Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH      | Rel-4   | C224          | UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.1.2.6      | Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH      | Rel-4   | C225          | UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.1.2.7      | Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH         | Rel-4   | C226          | UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH"     |                                       |             |
| 18.1.2.8      | Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH        | Rel-4   | C227          | UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"    |                                       |             |

| Clause       | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 18.1.2.9     | Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH              | Rel-4   | C68           | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"         |                                       |             |
| 18.1.2.10    | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH            | Rel-4   | C69           | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"       |                                       |             |
| 18.1.2.11    | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH            | Rel-4   | C70           | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"       |                                       |             |
| 18.1.2.12    | Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH           | Rel-4   | C71           | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"      |                                       |             |
| 18.1.2.13.1  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 20m TTI      | Rel-4   | C72           | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20m TTI"  |                                       |             |
| 18.1.2.13.1a | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 20m TTI(TDD) | Rel-7   | C72           | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20m TTI"  |                                       |             |
| 18.1.2.13.2  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 40m TTI      | Rel-4   | C73           | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 40m TTI" |                                       |             |
| 18.1.2.14.1  | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20m TTI       | Rel-4   | C74           | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20m TTI"  |                                       |             |
| 18.1.2.14.2  | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/40m TTI       | Rel-4   | C75           | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/40m TTI"  |                                       |             |
| 18.1.2.15    | Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                | Rel-4   | C291          | UE supporting LCRTDD and reference radio bearer configuration<br>"Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"           |                                       |             |

| Clause      | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 18.1.2.16   | Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                    | Rel-4   | C292          | UE supporting LCRTDD and reference radio bearer configuration<br>"Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"                    |                                       |             |
| 18.1.2.17   | Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                    | Rel-4   | C293          | UE supporting LCRTDD and reference radio bearer configuration<br>"Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"                    |                                       |             |
| 18.1.2.18   | Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                         | Rel-4   | C294          | UE supporting LCRTDD and reference radio bearer configuration<br>"Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"                         |                                       |             |
| 18.1.2.19   | Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                         | Rel-4   | C295          | UE supporting LCRTDD and reference radio bearer configuration<br>"Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"                         |                                       |             |
| 18.1.2.20   | Void  |         |               |  |                                       |             |
| 18.1.2.21   | Void  |         |               |  |                                       |             |
| 18.1.2.22   | Void  |         |               |  |                                       |             |
| 18.1.2.23.1 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI) | Rel-4   | C296          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)" |                                       |             |
| 18.1.2.23.2 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | Rel-4   | C297          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)" |                                       |             |
| 18.1.2.23.3 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | Rel-4   | C298          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)" |                                       |             |
| 18.1.2.23.4 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | Rel-4   | C299          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)" |                                       |             |

| Clause      | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-------------|---|---------|---------------|--|---------------------------------------|-------------|
| 18.1.2.24.1 | Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / TC                | Rel-4   | C300          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / TC"                |                                       |             |
| 18.1.2.24.2 | Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / CC                | Rel-4   | C301          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / CC"                |                                       |             |
| 18.1.2.25.1 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)  | Rel-4   | C302          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)"  |                                       |             |
| 18.1.2.25.2 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | Rel-4   | C303          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)" |                                       |             |
| 18.1.2.25.3 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | Rel-4   | C304          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)" |                                       |             |
| 18.1.2.25.4 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | Rel-4   | C305          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)" |                                       |             |
| 18.1.2.26   | Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                   | Rel-4   | C306          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"                   |                                       |             |
| 18.1.2.27   | Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                   | Rel-4   | C307          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"                   |                                       |             |
| 18.1.2.28   | Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | Rel-4   | C308          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"                  |                                       |             |

| Clause      | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 18.1.2.29   | Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH             | Rel-4   | C309          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"             |                                       |             |
| 18.1.2.30   | Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH            | Rel-4   | C310          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"            |                                       |             |
| 18.1.2.31.1 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI  | Rel-4   | C312          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI"  |                                       |             |
| 18.1.2.31.2 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI  | Rel-4   | C313          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI"  |                                       |             |
| 18.1.2.32.1 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI | Rel-4   | C314          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI" |                                       |             |
| 18.1.2.32.2 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI | Rel-4   | C315          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI" |                                       |             |
| 18.1.2.33.1 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | Rel-4   | C316          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |                                       |             |
| 18.1.2.33.2 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | Rel-4   | C317          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI" |                                       |             |

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| 18.1.2.34.1 | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI  | Rel-4   | C318          | UEs supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |                                       |             |
| 18.1.2.34.2 | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI  | Rel-4   | C319          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"  |                                       |             |
| 18.1.2.35.1 | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI  | Rel-4   | C320          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"  |                                       |             |
| 18.1.2.35.2 | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI  | Rel-4   | C321          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"  |                                       |             |
| 18.1.2.36.1 | Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | Rel-4   | C322          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |                                       |             |
| 18.1.2.36.2 | Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | Rel-4   | C323          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI" |                                       |             |
| 18.1.2.37.1 | Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | Rel-4   | C324          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |                                       |             |
| 18.1.2.37.2 | Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | Rel-4   | C325          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI" |                                       |             |



| Clause      | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 18.1.2.38.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)  | Rel-4   | C326          | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"                               |                                       |             |
| 18.1.2.38.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)  | Rel-4   | C327          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"  |                                       |             |
| 18.1.2.38.3 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)  | Rel-4   | C328          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"  |                                       |             |
| 18.1.2.38.4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)  | Rel-4   | C329          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"  |                                       |             |
| 18.1.2.39.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI) | Rel-4   | C330          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)" |                                       |             |
| 18.1.2.39.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | Rel-4   | C331          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)" |                                       |             |

| Clause      | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-------------|--|---------|---------------|--|---------------------------------------|-------------|
| 18.1.2.39.3 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | Rel-4   | C332          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)" |                                       |             |
| 18.1.2.39.4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | Rel-4   | C333          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)" |                                       |             |
| 18.1.2.40   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH                   | Rel-4   | C334          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH"                   |                                       |             |
| 18.1.2.41   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | Rel-4   | C335          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"                  |                                       |             |
| 18.1.2.42.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI      | Rel-4   | C336          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"      |                                       |             |
| 18.1.2.42.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI      | Rel-4   | C337          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"      |                                       |             |

| Clause      | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-------------|---|---------|---------------|---|---------------------------------------|-------------|
| 18.1.2.43.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI   | Rel-4   | C338          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"   |                                       |             |
| 18.1.2.43.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI   | Rel-4   | C339          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"   |                                       |             |
| 18.1.2.44.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | Rel-4   | C340          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |                                       |             |
| 18.1.2.44.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | Rel-4   | C341          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI" |                                       |             |
| 18.1.2.45   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | Rel-4   | C342          | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 18.1.2.46   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                       | Rel-4   | C343          | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.1.2.47   | Void  |         |               |   |                                       |             |
| 18.1.2.48   | Void  |         |               |   |                                       |             |

| Clause      | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-------------|---|---------|---------------|---|---------------------------------------|-------------|
| 18.1.2.49.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | Rel-4   | C344          | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"                            |                                       |             |
| 18.1.2.49.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | Rel-4   | C345          | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"                            |                                       |             |
| 18.1.2.50.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI    | Rel-4   | C346          | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"                               |                                       |             |
| 18.1.2.50.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI    | Rel-4   | C347          | UE supporting LCRTDD and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"                               |                                       |             |
| 18.1.2.51.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-4   | C348          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |
| 18.1.2.51.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-4   | C464          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |

| Clause        | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------------|---|---------|---------------|---|---------------------------------------|-------------|
| 18.1.2.52.1   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-4   | C350          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.1.2.52.2   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-4   | C351          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.1.2.53.1   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-4   | C352          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |
| 18.1.2.53.2   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-4   | C353          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |
| 18.1.2.54     | Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                    | Rel-4   | C354          | UE supporting LCRTDD and PS and CS simultaneously and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"                    |                                       |             |
| <b>18.1.3</b> | <b>Combinations on SCCPCH</b>   |         |               |   |                                       |             |
| 18.1.3.1      | Stand-alone signalling RB for PCCH  | Rel-4   | C355          | UE supporting LCRTDD and reference radio bearer configuration<br>"Stand-alone signalling RB for PCCH"   |                                       |             |
| 18.1.3.2      | Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH   | Rel-4   | C361          | UE supporting TDD 1.28 Mcps option and reference radio bearer configuration<br>"Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH"  |                                       |             |

| Clause   | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|----------|--|---------|---------------|---|---------------------------------------|-------------|
| 18.1.3.3 | Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH                                  | Rel-4   | C362          | UE supporting TDD 1.28 Mcps option and reference radio bearer configuration<br>"Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH"  |                                       |             |
| 18.1.3.4 | 64.8kbps RB for MTCH with 40 ms TTI / MBMS Broadcast Service   | Rel-6   | C565          | UEs supporting 1.28 Mcps TDD and PS domain services and MBMS broadcast services and 64.8kbps RB for MTCH with 40 ms TTI.  | 1 Execution: PS                       |             |
| 18.1.3.5 | 129.6 kbps RB for MTCH with 40 ms TTI / MBMS Broadcast Service   | Rel-6   | C567          | UEs supporting 1.28 Mcps TDD and PS domain services and MBMS broadcast services and 129.6 kbps RB for MTCH with 40 ms TTI.  | 1 Execution: PS                       |             |
| 18.1.3.6 | 259.2 kbps RB for MTCH with 40 ms TTI / MBMS Broadcast Service   | Rel-6   | C569          | UEs supporting 1.28 Mcps TDD and PS domain services and MBMS broadcast services and 259.2 kbps RB for MTCH with 40 ms TTI.  | 1 Execution: PS                       |             |
| 18.1.3.7 | 128 kbps RB for MBSFN MTCH with 40 ms TTI  | Rel-7   | C644          | UEs supporting 1.28Mcps TDD and PS domain and MBMS broadcast services in MBSFN mode and 128 kbps RB for MBSFN MTCH with 40 ms TTI.  |                                       |             |
| 18.1.3.8 | 192 kbps RB for MBSFN MTCH with 40 ms TTI  | Rel-7   | C645          | UEs supporting 1.28Mcps TDD and PS domain and MBMS broadcast services in MBSFN mode and 192 kbps RB for MBSFN MTCH with 40 ms TTI.  |                                       |             |
| 18.1.3.9 | 384 kbps RB for MBSFN MTCH with 40 ms TTI  | Rel-7   | C646          | UEs supporting 1.28Mcps TDD and PS domain and MBMS broadcast services in MBSFN mode and 384 kbps RB for MBSFN MTCH with 40 ms TTI.  |                                       |             |
| 18.1.4.1 | Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH  | Rel-4   | C363          | UE supporting FDD and reference radio bearer configuration<br>"Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH"   |                                       |             |
| 18.1.5.1 | Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5) | Rel-5   | C448          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>Note:<br>For UEs for which test case 18.1.5.4, 18.1.5.3 or 18.1.5.2 is applicable then test case 18.1.5.1 is optional (18.1.5.1 considered implicitly covered by 18.1.5.4, 18.1.5.3 and 18.1.5.2). |                                       |             |

| Clause    | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|---|---------------------------------------|-------------|
| 18.1.5.1b | Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (64QAM)  | Rel-9   | C448b         | <p>UE supporting TDD and HS-PDSCH and Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (64QAM)</p> <p>Note:<br/>For UEs for which test case 18.1.5.5, 18.1.5.4, 18.1.5.3, 18.1.5.2 or 18.1.5.1 is applicable then test case 18.1.5.1b is optional (18.1.5.1b considered implicitly covered by 18.1.5.5, 18.1.5.4, 18.1.5.3, 18.1.5.2 and 18.1.5.1).</p> |                                       |             |
| 18.1.5.2  | Interactive or background / UL:16 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5) | Rel-5   | C447          | <p>UE supporting TDD and HS-PDSCH and Interactive or Background / UL:16 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH</p> <p>Note:<br/>For UEs for which test case 18.1.5.4, 18.1.5.3 or 18.1.5.2 is applicable then test case 18.1.5.1 is optional (18.1.5.1 considered implicitly covered by 18.1.5.4, 18.1.5.3 and 18.1.5.2).</p>  |                                       |             |
| 18.1.5.3  | Interactive or background / UL:32 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH         | Rel-5   | C446          | <p>UE supporting TDD and HS-PDSCH and Interactive or Background / UL:32 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH</p> <p>Note:<br/>For UEs for which test case 18.1.5.4 or 18.1.5.3 is applicable then test case 18.1.5.2 is optional (18.1.5.2 considered implicitly covered by 18.1.5.4 and 18.1.5.3).</p>  |                                       |             |
| 18.1.5.4  | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5) | Rel-5   | C445          | <p>UE supporting TDD and HS-PDSCH and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH</p> <p>Note:<br/>For UEs for which test case 18.1.5.4 is applicable then test case 18.1.5.3 is optional (18.1.5.3 considered implicitly covered by 18.1.5.4).</p>   |                                       |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|---|---------------------------------------|-------------|
| 18.1.5.5  | Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5)   | Rel-5   | C444          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |                                       |             |
| 18.1.5.6  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (REL-5)                         | Rel-5   | C452          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>Note:<br>For UEs for which test case 18.1.5.6 is applicable then test case 18.1.5.5 is optional (18.1.5.5 considered implicitly covered by 18.1.5.6). |                                       |             |
| 18.1.5.7  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                 | Rel-5   | C453          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  |                                       |             |
| 18.1.5.8  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                    | Rel-5   | C454          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |                                       |             |
| 18.1.5.9  | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-5   | C703          | UE supporting TDD and HS-PDSCH and Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |                                       |             |
| 18.1.5.10 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[max bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                            | Rel-5   | C704          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[max bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |                                       |             |



| Clause    | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|--|---------------------------------------|-------------|
| 18.1.5.11 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-5   | C705          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH |                                       |             |
| 18.1.5.12 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | Rel-5   | C706          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  |                                       |             |
| 18.1.5.13 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:16 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | Rel-5   | C707          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:16 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  |                                       |             |
| 18.1.5.14 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:32 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | Rel-5   | C708          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:32 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  |                                       |             |
| 18.1.5.15 | Streaming / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-5   | C709          | UE supporting TDD and HS-PDSCH and Streaming / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |                                       |             |
| 18.1.5.16 | Streaming / UL:32 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-5   | C710          | UE supporting TDD and HS-PDSCH and Streaming / UL:32 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |                                       |             |

| Clause        | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---------------|--|---------|---------------|--|---------------------------------------|-------------|
| 18.1.5.17     | Streaming / UL:16 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-5   | C711          | UE supporting TDD and HS-PDSCH and Streaming / UL:16 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |                                       |             |
| <b>18.1.6</b> | <b>Combinations on HS-PDSCH and E-PUCH</b>   |         |               |  |                                       |             |
| 18.1.6.1      | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH  | Rel-7   | C631          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH  | 1 Execution: PS                       |             |
| 18.1.6.1a     | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH/ UL 16QAM  | Rel-7   | C637          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and UL 16QAM and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH   | 1 Execution: PS                       |             |
| 18.1.6.1b     | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (MIMO)   | Rel-9   | C756          | UEs supporting 1.28Mcps TDD and HS-PDSCH and TDD HS-DSCH category 25 or TDD HS-DSCH category 26 or TDD HS-DSCH category 27 and Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 18.1.6.1c     | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (64QAM+MIMO)   | Rel-9   | C757          | UEs supporting 1.28Mcps TDD and HS-PDSCH and (TDD HS-DSCH category 28 or TDD HS-DSCH category 29 or TDD HS-DSCH category 30) and Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 18.1.6.2      | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | Rel-7   | C632          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 1 Execution: PS                       |             |

| Clause    | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|--|---------------------------------------|-------------|
| 18.1.6.3  | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH   | Rel-7   | C632a         | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH   | 1 Execution: PS                       |             |
| 18.1.6.3a | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Flexible RLC, MAC-ehs and MAC-i/is / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH with MAC-ehs and MAC-i/is   | Rel-9   | C763          | UEs supporting 1.28Mcps TDD and MAC-i/is and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Flexible RLC, MAC-ehs and MAC-i/is / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH with MAC-ehs and MAC-i/is  | 1 Execution: PS                       |             |
| 18.1.6.4  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C633          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 18.1.6.5  | Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | Rel-7   | C634          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 1 Execution: PS                       |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|---|---------------------------------------|-------------|
| 18.1.6.6  | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C712          | UEs supporting 1.28Mcps TDD and E-PUCH and Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 18.1.6.7  | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C713          | UEs supporting 1.28Mcps TDD and E-PUCH and Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 18.1.6.8  | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C714          | UEs supporting 1.28Mcps TDD and E-PUCH and Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 18.1.6.9  | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C715          | UEs supporting 1.28Mcps TDD and E-PUCH and Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 18.1.6.10 | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-7   | C716          | UEs supporting 1.28Mcps TDD and E-PUCH and Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: PS                       |             |
| 18.1.6.11 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C717          | UEs supporting 1.28Mcps TDD and E-PUCH and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: CS+PS preferred          |             |
| 18.1.6.12 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C718          | UEs supporting 1.28Mcps TDD and E-PUCH and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: CS+PS preferred          |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|--|---------------------------------------|-------------|
| 18.1.6.13 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-7   | C719          | UEs supporting 1.28Mcps TDD and E-PUCH and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: CS+PS preferred          |             |
| 18.1.6.14 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-7   | C720          | UEs supporting 1.28Mcps TDD and E-PUCH and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: CS+PS preferred          |             |
| 18.1.6.15 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-7   | C721          | UEs supporting 1.28Mcps TDD and E-PUCH and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: CS+PS preferred          |             |
| 18.1.6.16 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 16 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-7   | C722          | UEs supporting 1.28Mcps TDD and E-PUCH and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 16 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 1 Execution: CS+PS preferred          |             |
| 18.1.6.17 | Streaming / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C723          | UEs supporting 1.28Mcps TDD and E-PUCH and Streaming / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |

| Clause     | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|------------|--|---------|---------------|--|---------------------------------------|-------------|
| 18.1.6.18  | Streaming / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C724          | UEs supporting 1.28Mcps TDD and E-PUCH and Streaming / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 18.1.6.19  | Streaming / UL: [max bit rate depending on UE category and TTI] DL: 16 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C725          | UEs supporting 1.28Mcps TDD and E-PUCH and Streaming / UL: [max bit rate depending on UE category and TTI] DL: 16 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 18.1.6.20  | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH for enhanced uplink/downlink in CELL_FACH         | Rel-9   | C781          | UEs supporting 1.28Mcps TDD and HS-PDSCH and E-DCH and enhanced uplink in Cell_FACH Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH for enhanced uplink/downlink in CELL_FACH | 1 Execution: PS                       |             |
| 18.1.6.20a | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on common E-DCH and HS-DSCH for enhanced CELL_FACH with DRX configured | Rel-9   | C781          | UEs supporting 1.28Mcps TDD and HS-DSCH DRX in CELL_FACH and Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on common E-DCH and HS-DSCH for enhanced CELL_FACH                                    | 1 Execution: PS                       |             |

| Clause    | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-----------|--|---------|---------------|---|---------------------------------------|-------------|
| 18.1.6.21 | Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps with Flexible RLC and MAC-ehs / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and SRBs with Fixed RLC and MAC-ehs on HS-DSCH / UL: QPSK and DL: QPSK            | Rel-9   | C764          | UEs supporting 1.28Mcps TDD and MAC-i/is and Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps with Flexible RLC and MAC-ehs / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Fixed RLC and MAC-ehs / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and SRBs with Fixed RLC and MAC-ehs on HS-DSCH / UL: QPSK and DL: QPSK            | 1 Execution: PS                       |             |
| 18.1.6.22 | Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps with Flexible RLC, MAC-ehs and MAC-i/is / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Fixed RLC, MAC-ehs and MAC-i/is / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH with MAC-ehs and MAC-i/is / UL: QPSK and DL: QPSK | Rel-9   | C764          | UEs supporting 1.28Mcps TDD and MAC-i/is and Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps with Flexible RLC, MAC-ehs and MAC-i/is / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] with Fixed RLC, MAC-ehs and MAC-i/is / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH with MAC-ehs and MAC-i/is / UL: QPSK and DL: QPSK | 1 Execution: PS                       |             |

| Clause         | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|----------------|---|---------|---------------|---|---------------------------------------|-------------|
| <b>18.2</b>    | <b><i>RAB Tests for TDD (3.84 Mcps option) Combinations on DPCH</i></b>                 |         |               |   |                                       |             |
| <b>18.2.5</b>  | <b><i>Combinations on SCCPCH</i></b>  |         |               |   |                                       |             |
| 18.2.5.1       | Stand-alone signalling RB for PCCH  | R99     | C605          | UEs supporting 3.84Mcps TDD and reference radio bearer configuration Stand-alone signalling RB for PCCH.  |                                       |             |
| 18.2.5.2       | Interactive/Background PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH             | R99     | C606          | UEs supporting 3.84Mcps TDD and reference radio bearer configuration Interactive/Background PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH.             |                                       |             |
| 18.2.5.3       | Interactive/Background RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH | R99     | C607          | UEs supporting 3.84Mcps TDD and reference radio bearer configuration Interactive/Background RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH. |                                       |             |
| 18.2.5.4       | RB for CTCH + SRB for CCCH +SRB for BCCH  | R99     | C608          | UEs supporting 3.84Mcps TDD and reference radio bearer configuration RB for CTCH + SRB for CCCH +SRB for BCCH and Cell Broadcast Service (CBS).               |                                       |             |
| 18.2.5.5       | 64.8kbps RB for MTCH with 80 ms TTI   | Rel-6   | C554          | UEs supporting 3.84Mcps TDD option and PS domain services and MBMS services.  |                                       |             |
| 18.2.5.6       | 129.6 kbps RB for MTCH with 80 ms TTI   | Rel-6   | C609          | UEs supporting 3.84Mcps TDD option and PS domain services and MBMS services.  |                                       |             |
| 18.2.5.7       | 259.2 kbps RB for MTCH with 40 ms TTI   | Rel-6   | C610          | UEs supporting 3.84Mcps TDD option and PS domain services and MBMS services.  |                                       |             |
| 18.2.5.8       | 124.4 kbps RB for MBSFN MTCH with 80 ms TTI   | Rel-7   | C602          | UEs supporting 3.84Mcps TDD and PS domain and MBMS broadcast services in MBSFN mode and 124.4 kbps RB for MBSFN MTCH with 80 ms TTI.                          |                                       |             |
| 18.2.5.9       | 320.4 kbps RB for MBSFN MTCH with 80 ms TTI   | Rel-7   | C603          | UEs supporting 3.84Mcps TDD and PS domain and MBMS broadcast services in MBSFN mode and 320.4 kbps RB for MBSFN MTCH with 80 ms TTI.                          |                                       |             |
| 18.2.5.10      | 497.6 kbps RB for MBSFN MTCH with 80 ms TTI   | Rel-7   | C604          | UEs supporting 3.84Mcps TDD and PS domain and MBMS broadcast services in MBSFN mode and 497.6 kbps RB for MBSFN MTCH with 80 ms TTI.                          |                                       |             |
| <b>18.2.5a</b> | <b><i>Combinations on SCCPCH type 2</i></b>   |         |               |   |                                       |             |
| 18.2.5a.1      | 124.4kbps RB for MBSFN MTCH with 80 ms TTI  | Rel-8   | C665          | UEs supporting 3.84 Mcps TDD IMB.   |                                       |             |
| 18.2.5a.2      | 320.4kbps RB for MBSFN MTCH with 80 ms TTI  | Rel-8   | C666          | UEs supporting 3.84 Mcps TDD IMB.   |                                       |             |



| Clause        | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 18.2.5a.3     | 497.6kbps RB for MBSFN MTCH with 80 ms TTI  | Rel-8   | C667          | UEs supporting 3.84 Mcps TDD IMB.   |                                       |             |
| <b>18.2.7</b> | <b>Combinations on DPCH and HS-PDSCH</b>  |         |               |   |                                       |             |
| 18.2.7.1      | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-5   | C468          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  |                                       |             |
| 18.2.7.2      | Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-5   | C467          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |                                       |             |
| 18.2.7.3      | Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-5   | C466          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  |                                       |             |
| 18.2.7.4      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-5   | C469          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB and Interactive or Background / UL384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH |                                       |             |
| 18.2.7.5      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: 64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-5   | C470          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB and Interactive or Background / UL64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  |                                       |             |
| 18.2.7.6      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH    | Rel-5   | C471          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / unknown / UL:64 DL:64 kbps / CS RAB and Interactive or Background / UL384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH    |                                       |             |
| 18.2.7.7      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH     | Rel-5   | C472          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / unknown / UL:64 DL:64 kbps / CS RAB and Interactive or Background / UL64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH     |                                       |             |

| Clause        | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------------|---|---------|---------------|---|---------------------------------------|-------------|
| 18.2.7.8      | Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-5   | C473          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  |                                       |             |
| 18.2.7.9      | Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-5   | C474          | UE supporting TDD and HS-PDSCH and Interactive or Background / UL64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   |                                       |             |
| 18.2.7.10     | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-5   | C475          | UE supporting TDD and HS-PDSCH and Streaming / unknown / UL:128 DL: [guaranteed 128/ PS RAB and Interactive or Background / UL64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  |                                       |             |
| 18.2.7.11     | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-5   | C476          | UE supporting TDD and HS-PDSCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH |                                       |             |
| <b>18.2.8</b> | <b>Combinations on DPCH, HS-PDSCH and E-PUCH</b>  |         |               |   |                                       |             |
| 18.2.8.1      | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH   | Rel-7   | C622          | UEs supporting 3.84 Mcps TDD option and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 18.2.8.3      | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH        | Rel-7   | C623          | UEs supporting 3.84 Mcps TDD option and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH                        | 1 Execution: PS                       |             |

| Clause        | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---------------|--|---------|---------------|--|---------------------------------------|-------------|
| 18.2.8.4      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C624          | UEs supporting 3.84 Mcps TDD option and HS-PDSCH and E-PUCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 1 Execution: PS                       |             |
| 18.2.8.5      | Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | Rel-7   | C625          | UEs supporting 3.84 Mcps TDD option and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL:[max bit rate depending on UE category] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 1 Execution: PS                       |             |
| <b>18.3.2</b> | <b><i>RAB Tests for TDD (7.68 Mcps option) Combinations on DPCH</i></b>  |         |               |  |                                       |             |
| 18.3.2.1      | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH   | Rel-7   | C485          | UEs supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH"   |                                       |             |
| 18.3.2.2      | Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C486          | UEs supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 18.3.2.3      | Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH   | Rel-7   | C573          | UEs supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH"   |                                       |             |
| 18.3.2.4      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C488          | UEs supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |

| Clause    | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-----------|---|---------|---------------|--|---------------------------------------|-------------|
| 18.3.2.5  | Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C489          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.3.2.6  | Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C490          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.3.2.7  | Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH     | Rel-7   | C491          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH"     |                                       |             |
| 18.3.2.8  | Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH    | Rel-7   | C492          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"    |                                       |             |
| 18.3.2.9  | Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH    | Rel-7   | C493          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"    |                                       |             |
| 18.3.2.10 | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C494          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.3.2.11 | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C495          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.3.2.12 | Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-7   | C496          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |

| Clause      | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-------------|---|---------|---------------|---|---------------------------------------|-------------|
| 18.3.2.13.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 20ms TTI | Rel-7   | C497          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20m TTI"  |                                       |             |
| 18.3.2.13.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 40ms TTI | Rel-7   | C734          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ 40m TTI" |                                       |             |
| 18.3.2.14.1 | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20ms TTI  | Rel-7   | C498          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/20m TTI"  |                                       |             |
| 18.3.2.14.2 | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/40ms TTI  | Rel-7   | C735          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/40m TTI"  |                                       |             |
| 18.3.2.15   | Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH            | Rel-7   | C499          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"           |                                       |             |
| 18.3.2.16   | Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH            | Rel-7   | C500          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"           |                                       |             |
| 18.3.2.17   | Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH            | Rel-7   | C501          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"           |                                       |             |
| 18.3.2.18   | Void  |         |               |   |                                       |             |
| 18.3.2.19   | Void  |         |               |   |                                       |             |
| 18.3.2.20   | Void  |         |               |   |                                       |             |
| 18.3.2.21   | Void  |         |               |   |                                       |             |
| 18.3.2.22   | Void  |         |               |   |                                       |             |

| Clause       | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 18.3.2.23.1  | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (PS RAB payload size 320) | Rel-7   | C504          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (Payload size 320)" |                                       |             |
| 18.3.2.23.2  | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (PS RAB payload size 128) | Rel-7   | C736          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (Payload size 128)" |                                       |             |
| 18.3.2.23.3  | Void  |         |               |   |                                       |             |
| 18.3.2.23.4  | Void  |         |               |   |                                       |             |
| 18.3.2.23a.1 | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI                  | Rel-7   | C737          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>" Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40msTTI"            |                                       |             |
| 18.3.2.23a.2 | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 80 ms TTI                  | Rel-7   | C738          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>" Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 80msTTI"            |                                       |             |
| 18.3.2.23b.1 | Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 320         | Rel-7   | C739          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>" Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 320" |                                       |             |
| 18.3.2.23b.2 | Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 128         | Rel-7   | C740          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>" Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 128" |                                       |             |
| 18.3.2.23c.1 | Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 320         | Rel-7   | C741          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>" Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 320" |                                       |             |

| Clause       | Title   | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|--------------|---|---------|---------------|--|---------------------------------------|-------------|
| 18.3.2.23c.2 | Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 128                       | Rel-7   | C742          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>" Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 128"            |                                       |             |
| 18.3.2.23d.1 | Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 320           | Rel-7   | C743          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>" Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI)+ UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 320" |                                       |             |
| 18.3.2.23d.2 | Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 128           | Rel-7   | C744          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>" Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI)+ UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload size 128" |                                       |             |
| 18.3.2.24.1  | Void  |         |               |  |                                       |             |
| 18.3.2.24.2  | Void  |         |               |  |                                       |             |
| 18.3.2.25.1  | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (PS RAB payload size 320)              | Rel-7   | C506          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload size 320)"           |                                       |             |
| 18.3.2.25.2  | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (PS RAB payload size 128)             | Rel-7   | C745          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (Payload size 128)"          |                                       |             |
| 18.3.2.25.3  | Void  |         |               |  |                                       |             |
| 18.3.2.25.4  | Void  |         |               |  |                                       |             |
| 18.3.2.26.1  | Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload 320, Physical Configuration 1 | Rel-7   | C507          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (Payload 320)"               |                                       |             |
| 18.3.2.26.2  | Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload 128, Physical Configuration 2 | Rel-7   | C746          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (Payload 128)"               |                                       |             |

| Clause      | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|-------------|--|---------|---------------|---|---------------------------------------|-------------|
| 18.3.2.27.1 | Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload 320, Physical Configuration 1  | Rel-7   | C508          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (Payload 320)"  |                                       |             |
| 18.3.2.27.2 | Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload 128, Physical Configuration 2  | Rel-7   | C747          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (Payload 128)"  |                                       |             |
| 18.3.2.28.1 | Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload 320, Physical Configuration 1 | Rel-7   | C509          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (Payload 320)" |                                       |             |
| 18.3.2.28.2 | Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload 128, Physical Configuration 2 | Rel-7   | C748          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (Payload 128)" |                                       |             |
| 18.3.2.29.1 | Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / Payload 320, Physical Configuration 1 | Rel-7   | C510          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (Payload 320)" |                                       |             |
| 18.3.2.29.2 | Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / Payload 128, Physical Configuration 2 | Rel-7   | C749          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (Payload 128)" |                                       |             |
| 18.3.2.30.1 | Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / Payload 320, TTI 20 ms               | Rel-7   | C511          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ (20ms TTI)"    |                                       |             |



| Clause      | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|-------------|--|---------|---------------|--|---------------------------------------|-------------|
| 18.3.2.30.2 | Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / Payload 128, TTI 40 ms | Rel-7   | C750          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ (40ms TTI)" |                                       |             |
| 18.3.2.31.1 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI                | Rel-7   | C512          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI"   |                                       |             |
| 18.3.2.31.2 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI                | Rel-7   | C751          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI"   |                                       |             |
| 18.3.2.32.1 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI               | Rel-7   | C513          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI"  |                                       |             |
| 18.3.2.32.2 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI               | Rel-7   | C752          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI"  |                                       |             |
| 18.3.2.33.1 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI               | Rel-7   | C514          | UE supporting LCRTDD and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"                |                                       |             |
| 18.3.2.33.2 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI               | Rel-7   | C753          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"  |                                       |             |
| 18.3.2.34.1 | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI               | Rel-7   | C515          | UEs supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |                                       |             |

| Clause        | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------------|--|---------|---------------|---|---------------------------------------|-------------|
| 18.3.2.34.2   | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI   | Rel-7   | C754          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"   |                                       |             |
| 18.3.2.35.1   | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI   | Rel-7   | C516          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"   |                                       |             |
| 18.3.2.35.2   | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI   | Rel-7   | C755          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"   |                                       |             |
| <b>18.3.3</b> | <b>Combinations on PDSCH, SCCPCH, PUSCH and PRACH</b>  |         |               |   |                                       |             |
| 18.3.3.1      | Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH | Rel-7   | C517          | UE supporting 7.68 Mcps TDD option PDSCH, PUSCH and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:256 kbps / PS RAB + UL: 3.4/16.8 DL:3.4/ 33.6 kbps SRBs for DCCH, CCCH and BCCH + UL:16.8 DL: 16 kbps SRBs for SHCCH" |                                       |             |
| 18.3.3.2      | Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 16.8 DL: 33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH         | Rel-7   | C518          | UE supporting 7.68 Mcps TDD option PDSCH, PUSCH and reference radio bearer configuration<br>"Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 16.8 DL: 33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH"      |                                       |             |
| 18.3.3.3      | Interactive or background / UL: 64 DL: 2048 kbps/ PS RAB + UL: 16.8 DL: 33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH         | Rel-7   | C519          | UE supporting 7.68 Mcps TDD option PDSCH, PUSCH and reference radio bearer configuration<br>"Interactive or background / UL: 64 DL: 2048 kbps/ PS RAB + UL: 16.8 DL: 33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH"      |                                       |             |

| Clause        | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------------|---|---------|---------------|---|---------------------------------------|-------------|
| 18.3.3.4      | Interactive or background / UL: 384 DL: 2048 kbps / PS RAB + UL: 3.4 DL: 16.8 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH   | Rel-7   | C520          | UE supporting 7.68 Mcps TDD option PDSCH, PUSCH and reference radio bearer configuration<br>"Interactive or background / UL: 384 DL: 2048 kbps / PS RAB + UL: 3.4 DL: 16.8 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH"   |                                       |             |
| <b>18.3.4</b> | <b>Combinations on PDSCH, SCCPCH, DPCH, PUSCH and PRACH</b>   |         |               |   |                                       |             |
| 18.3.4.1      | Conversational / speech / UL: 12.2 DL: 12.2 kbps / CS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH + DL: 33.6 kbps SRBs for CCCH SHCCH and BCCH  | Rel-7   | C521          | UE supporting 7.68 Mcps TDD option PDSCH, PUSCH and reference radio bearer configuration<br>"Conversational / speech / UL: 12.2 DL: 12.2 kbps / CS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH + DL: 33.6 kbps SRBs for CCCH SHCCH and BCCH"  |                                       |             |
| 18.3.4.2      | Conversational / speech / UL: 12.2 DL: 12.2 kbps / CS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH SHCCH and BCCH   | Rel-7   | C522          | UE supporting 7.68 Mcps TDD option PDSCH, PUSCH and reference radio bearer configuration<br>"Conversational / speech / UL: 12.2 DL: 12.2 kbps / CS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH SHCCH and BCCH"   |                                       |             |
| 18.3.4.3      | Conversational / speech / UL: 12.2 DL: 12.2 kbps / CS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 2048 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH + DL: 33.6 kbps SRBs for CCCH SHCCH and BCCH | Rel-7   | C523          | UE supporting 7.68 Mcps TDD option PDSCH, PUSCH and reference radio bearer configuration<br>"Conversational / speech / UL: 12.2 DL: 12.2 kbps / CS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 2048 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH + DL: 33.6 kbps SRBs for CCCH SHCCH and BCCH" |                                       |             |
| <b>18.3.5</b> | <b>Combinations on SCCPCH</b>   |         |               |   |                                       |             |
| 18.3.5.1      | Stand-alone signalling RB for PCCH  | Rel-7   | C524          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Stand-alone signalling RB for PCCH"   |                                       |             |

| Clause        | Title  | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
|---------------|--|---------|---------------|---|---------------------------------------|-------------|
| 18.3.5.2      | Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH            | Rel-7   | C525          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH"            |                                       |             |
| 18.3.5.3      | Interactive/Background 32 kbps RAB + SRB for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH | Rel-7   | C526          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive/Background 32 kbps RAB + SRB for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH" |                                       |             |
| 18.3.5.4      | RB for CTCH + SRB for CCCH +SRB for BCCH   | Rel-7   | C527          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"RB for CTCH + SRB for CCCH +SRB for BCCH"   |                                       |             |
| 18.3.5.5      | 64.8kbps RB for MTCH with 80 ms TTI  | Rel-7   | C555          | UEs supporting 7.68Mcps TDD option and PS domain services and MBMS services.  |                                       |             |
| 18.3.5.6      | 129.6 kbps RB for MTCH with 80 ms TTI  | Rel-7   | C611          | UEs supporting 7.68Mcps TDD option and PS domain services and MBMS services.  |                                       |             |
| 18.3.5.7      | 259.2 kbps RB for MTCH with 40 ms TTI  | Rel-7   | C612          | UEs supporting 7.68Mcps TDD option and PS domain services and MBMS services.  |                                       |             |
| 18.3.5.8      | 124.4 kbps RB for MBSFN MTCH with 80 ms TTI  | Rel-7   | C613          | UEs supporting 7.68Mcps TDD and PS domain and MBMS broadcast services in MBSFN mode and 124.4 kbps RB for MBSFN MTCH with 80 ms TTI.  |                                       |             |
| 18.3.5.9      | 320.4 kbps RB for MBSFN MTCH with 80 ms TTI  | Rel-7   | C614          | UEs supporting 7.68Mcps TDD and PS domain and MBMS broadcast services in MBSFN mode and 320.4 kbps RB for MBSFN MTCH with 80 ms TTI.  |                                       |             |
| 18.3.5.10     | 497.6 kbps RB for MBSFN MTCH with 80 ms TTI  | Rel-7   | C615          | UEs supporting 7.68Mcps TDD and PS domain and MBMS broadcast services in MBSFN mode and 497.6 kbps RB for MBSFN MTCH with 80 ms TTI.  |                                       |             |
| <b>18.3.6</b> | <b>Combinations on PRACH</b>   |         |               |   |                                       |             |
| 18.3.6.1      | SRB for CCCH + SRB for DCCH  | Rel-7   | C528          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"SRB for CCCH + SRB for DCCH"  |                                       |             |

| Clause        | Title   | Release | Applicability | Comments  | Number of TC Executions (informative) | Release RAT |
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| 18.3.6.2      | Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH   | Rel-7   | C529          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH"  |                                       |             |
| 18.3.6.3      | Interactive/Background 12.8 kbps PS RAB + Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH   | Rel-7   | C530          | UE supporting 7.68 Mcps TDD option and reference radio bearer configuration<br>"Interactive/Background 12.8 kbps PS RAB + Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH"  |                                       |             |
| <b>18.3.7</b> | <b>Combinations on DPCH and HS-PDSCH</b>  |         |               |   |                                       |             |
| 18.3.7.1      | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C534          | UE supporting 7.68 Mcps TDD option, HS-DSCH and reference radio bearer configuration<br>"Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |
| 18.3.7.2      | Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C533          | UE supporting 7.68 Mcps TDD option, HS-DSCH and reference radio bearer configuration<br>"Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.3.7.3      | Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C532          | UE supporting 7.68 Mcps TDD option, HS-DSCH and reference radio bearer configuration<br>"Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"  |                                       |             |
| 18.3.7.4      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-7   | C535          | UE supporting 7.68 Mcps TDD option, HS-DSCH, PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |

| Clause   | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|----------|--|---------|---------------|--|---------------------------------------|-------------|
| 18.3.7.5 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: 64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                | Rel-7   | C536          | UE supporting 7.68 Mcps TDD option, HS-DSCH, PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: 64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"      |                                       |             |
| 18.3.7.6 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                   | Rel-7   | C537          | UE supporting 7.68 Mcps TDD option, HS-DSCH, PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"         |                                       |             |
| 18.3.7.7 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                    | Rel-7   | C538          | UE supporting 7.68 Mcps TDD option, HS-DSCH, PS and CS simultaneously and reference radio bearer configuration<br>"Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"          |                                       |             |
| 18.3.7.8 | Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | Rel-7   | C539          | UE supporting 7.68 Mcps TDD option, HS-DSCH and reference radio bearer configuration<br>"Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |                                       |             |
| 18.3.7.9 | Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C540          | UE supporting 7.68 Mcps TDD option, HS-DSCH and reference radio bearer configuration<br>"Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"   |                                       |             |

| Clause        | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
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| 18.3.7.10     | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | Rel-7   | C541          | UE supporting 7.68 Mcps TDD option, HS-DSCH and reference radio bearer configuration<br>"Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"          |                                       |             |
| <b>18.3.8</b> | <b>Combinations on DPCH, HS-PDSCH and E-PUCH</b>   |         |               |  |                                       |             |
| 18.3.8.1      | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH  | Rel-7   | C626          | UEs supporting 7.68 Mcps TDD option and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 1 Execution: PS                       |             |
| 18.3.8.3      | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | Rel-7   | C627          | UEs supporting 7.68 Mcps TDD option and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | 1 Execution: PS                       |             |
| 18.3.8.4      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | Rel-7   | C628          | UEs supporting 7.68 Mcps TDD option and HS-PDSCH and E-PUCH and PS and CS simultaneously and Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH    | 1 Execution: PS                       |             |

| Clause  | Title  | Release | Applicability | Comments   | Number of TC Executions (informative) | Release RAT |
|---|--|---------|---------------|--|---------------------------------------|-------------|
| 18.3.8.5  | Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | Rel-7   | C629          | UEs supporting 7.68 Mcps TDD option and HS-PDSCH and E-PUCH and Streaming or interactive or background / UL:[max bit rate depending on UE category] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 1 Execution: PS                       |             |
| <p>NOTE 1: Supplementary Services and NITZ are defined in R99 core specifications. Based on industry input 3GPP RAN5 have decided to set the applicability from Rel-8 onwards in order to align with the reference test suite implementation.</p> <p>NOTE 2: If the UE supports GSM then the Supplementary Services and NITZ test cases need only be executed in either GSM or UMTS.</p> <p>NOTE 3: Void.</p> |  |         |               |  |                                       |             |



**Table 1a: Applicability of tests Conditions**

|      |  |
|------|--|
| C01  | IF A.1/1 THEN R ELSE N/A   |
| C01a | IF A.1/1 AND A.1/12 THEN R ELSE N/A                                      |
| C01b | IF A.1/1 AND A.1/13 AND ([56]A.4.5-2/3 OR [56]A.4.5-2/4) THEN R ELSE N/A |
| C01c | IF A.1/1 AND A.1/13 AND [56]A.4.5-2/4 THEN R ELSE N/A                    |
| C01d | IF A.1/1 AND ( (A.3/1 AND A.20/81) OR A.3/2 )THEN R ELSE N/A             |
| C02  | IF A.1/2 OR A.1/3 OR A.1/8 THEN R ELSE N/A                               |
| C03  | IF A.1/3 THEN R ELSE N/A   |
| C04  | IF A.1/1 AND A.2/2 THEN R ELSE N/A                                       |
| C05  | IF A.1/1 AND A.1/4 AND NOT [52] A.2/49 THEN R ELSE N/A                   |
| C05a | IF A.1/1 AND A.1/12 AND A.1/4 AND NOT [52] A.2/49 THEN R ELSE N/A        |
| C05d | IF A.1/1 AND ( (A.3/1 AND A.20/81) OR A.3/2) AND A.1/4 THEN R ELSE N/A   |
| C06  | IF A.1/1 AND A.3/2 THEN R ELSE N/A                                       |
| C07  | Void   |
| C08  | Void   |
| C09  | IF A.1/1 AND NOT A.20/3 THEN R ELSE N/A                                  |
| C10  | IF A.20/4 THEN R ELSE N/A  |
| C11  | IF A.20/5 THEN R ELSE N/A  |
| C12  | IF A.3/2 THEN R ELSE N/A   |
| C13  | IF A.2/1 OR A.2/2 OR A.10/2 THEN R ELSE N/A                              |
| C14  | IF A.20/4 OR A.20/5 THEN R ELSE N/A                                      |
| C15  | Void   |
| C16  | Void   |
| C17  | IF A.3/2 AND A.20/7 THEN R ELSE N/A                                      |
| C18  | IF A.2/3 THEN R ELSE N/A   |
| C19  | Void   |
| C20  | IF A.2/4 THEN R ELSE N/A   |
| C21  | IF A.20/8 AND A.3/1 THEN R ELSE N/A                                      |
| C22  | IF A.20/9 AND A.3/1 THEN R ELSE N/A                                      |
| C23  | IF A.3/1 THEN R ELSE N/A   |
| C24  | IF A.20/11 AND A.3/1 THEN R ELSE N/A                                     |
| C25  | IF A.20/12 AND A.3/1 THEN R ELSE N/A                                     |
| C26  | IF A.2/5 THEN R ELSE N/A   |
| C27  | IF A.2/6 THEN R ELSE N/A   |
| C28  | IF A.20/8 AND A.3/2 THEN R ELSE N/A                                      |
| C29  | IF A.20/9 AND A.3/2 THEN R ELSE N/A                                      |
| C30  | IF A.3/2 AND A.20/31 THEN R ELSE N/A                                     |
| C31  | IF A.20/11 AND A.20/31 AND A.3/2 THEN R ELSE N/A                         |
| C32  | IF A.20/12 AND A.20/31 AND A.3/2 THEN R ELSE N/A                         |
| C33  | IF A.20/13 AND A.3/1 THEN R ELSE N/A                                     |
| C34  | IF A.20/14 AND A.2/4 AND A.3/1 THEN R ELSE N/A                           |
| C35  | IF A.20/15 AND A.3/1 AND A.2/4 THEN R ELSE N/A                           |
| C36  | Void   |
| C36d | IF A.20/16 AND A.3/1 AND A.2/4 AND A.20/81 THEN R ELSE N/A               |
| C37  | IF A.20/13 AND A.3/2 THEN R ELSE N/A                                     |
| C38  | IF A.20/14 AND A.2/6 THEN R ELSE N/A                                     |
| C39  | Void   |
| C40  | Void   |
| C41  | IF (NOT A.20/17) AND (NOT A.20/6) AND A.20/5 THEN R ELSE N/A             |
| C42  | Void   |
| C43  | Void   |
| C44  | Void   |
| C45  | Void   |
| C46  | Void   |
| C47  | Void   |
| C48  | Void   |
| C49  | Void   |
| C50  | Void   |
| C51  | Void   |
| C52  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 THEN R ELSE N/A                   |
| C53  | IF A.1/3 AND A.3/2 THEN R ELSE N/A                                       |
| C54  | Void   |
| C55  | Void   |
| C56  | IF (A.1/2 OR A.1/3) AND A.1/4 AND NOT [52] A.2/49 THEN R ELSE N/A        |
| C57  | IF A.1/1 AND A.18c/5a THEN R ELSE N/A                                    |
| C58  | IF C434 AND C57 THEN O ELSE IF (A.1/1 AND A.18c/7a) THEN R ELSE N/A      |

|      |  |
|------|--|
| C59  | IF ((A.1/2 OR A.1/3 OR A.1/8) AND A.1/4) AND (A.2/1 OR A.2/2) THEN R ELSE N/A  |
| C60  | IF ((A.1/2 OR A.1/3 OR A.1/8) AND A.1/4) AND A.3/1 AND (A.4/1 OR A.4/2 OR A.4/3 OR A.4/4 OR A.4/5 OR A.4/6 OR A.4/7 OR A.4/8 OR A.4/9 OR A.4/10 OR A.4/11 OR A.4/12 OR A.4/13 OR A.4/14 OR A.4/15 OR A.4/16 OR A.4/17 OR A.4/18 OR A.4/19 OR A.4/20 OR A.4/21) THEN R ELSE N/A |
| C61  | IF A.1/1 AND A.18e/4 AND A.2/7 THEN R ELSE N/A   |
| C62  | IF A.3/2 AND A.20/7 AND A.20/26 THEN R ELSE N/A  |
| C62a | IF A.3/2 AND A.20/7 AND A.20/26a THEN R ELSE N/A   |
| C62b | IF A.13/3 AND C62a THEN R ELSE N/A   |
| C63  | Void   |
| C64  | IF A.1/1 AND A.18e/5 THEN R ELSE N/A   |
| C65  | IF A.1/1 AND A.18f/2 THEN R ELSE N/A   |
| C66  | IF A.18a/7 THEN R ELSE N/A   |
| C67  | IF A.18b/6 OR A.18b/9 THEN R ELSE N/A  |
| C68  | IF A.1/3 AND A.18g/9 THEN R ELSE N/A   |
| C69  | IF A.1/3 AND A.18g/10 THEN R ELSE N/A  |
| C70  | IF A.1/3 AND A.18g/11 THEN R ELSE N/A  |
| C71  | IF A.1/3 AND A.18g/12 THEN R ELSE N/A  |
| C72  | IF A.1/3 AND A.18g/13.1 THEN R ELSE N/A  |
| C73  | IF A.1/3 AND A.18g/13.2 THEN R ELSE N/A  |
| C74  | IF A.1/3 AND A.18g/14.1 THEN R ELSE N/A  |
| C75  | IF A.1/3 AND A.18g/14.2 THEN R ELSE N/A  |
| C76  | IF C422 THEN O ELSE IF (A.1/1 AND A.18c/23a.2) THEN R ELSE N/A   |
| C77  | IF A.3/2 AND A.20/42 THEN R ELSE N/A   |
| C78  | IF A.3/3 AND A.20/42 THEN R ELSE N/A   |
| C79  | IF A.3/2 AND A.20/35 THEN R ELSE N/A   |
| C80  | Void   |
| C81  | Void   |
| C82  | Void   |
| C83  | Void   |
| C84  | Void   |
| C85  | Void   |
| C86  | Void   |
| C87  | Void   |
| C88  | IF A.3/3 THEN R ELSE N/A.  |
| C88d | IF A.3/3 AND A.20/81 THEN R ELSE N/A.  |
| C89  | IF (A.1/1 AND A.1/4) AND A.3/2 AND A.20/26 THEN R ELSE N/A   |
| C90  | IF A.1/1 AND A.3/3 THEN R ELSE N/A   |
| C90d | IF A.1/1 AND A.3/3 AND A.20/81 THEN R ELSE N/A   |
| C91  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/3 THEN R ELSE N/A   |
| C92  | Void   |
| C93  | IF A.20/29 THEN R ELSE N/A   |
| C94  | IF A.20/29 AND A.20/30 THEN R ELSE N/A   |
| C95  | IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 THEN R ELSE N/A  |
| C96  | IF A.2/2 THEN R ELSE N/A   |
| C97  | Void   |
| C98  | IF A.3/1 THEN R ELSE N/A.  |
| C98d | IF A.3/1 AND A.20/81 THEN R ELSE N/A.  |
| C98e | IF A.3/1 AND A.20/81 AND (NOT A.10/43) THEN R ELSE N/A.  |
| C99  | IF (A.3/1 OR A.3/3) AND A.20/36 THEN R ELSE N/A.   |
| C100 | IF (A.3/1 OR A.3/3) AND A.7/30 AND A.20/81 THEN R ELSE N/A.  |
| C101 | IF A.2/3 AND A.2/4 THEN R ELSE N/A   |
| C102 | IF A.2/5 AND A.2/6 THEN R ELSE N/A   |
| C103 | IF A.3/3 AND (NOT A.20/38 ) THEN R ELSE N/A  |
| C104 | Void   |
| C105 | Void   |
| C106 | Void   |
| C107 | IF A.1/1 AND A.18c/1 THEN R ELSE N/A   |
| C108 | IF A.1/1 AND A.18c/2 THEN R ELSE N/A   |
| C109 | IF A.1/1 AND A.18c/3 THEN R ELSE N/A   |
| C110 | IF C420 OR C434 THEN O ELSE IF (A.1/1 AND A.18c/4) THEN R ELSE N/A   |
| C111 | IF A.1/1 AND A.18c/5 THEN R ELSE N/A   |
| C112 | IF A.1/1 AND A.18c/6 THEN R ELSE N/A   |
| C113 | IF A.1/1 AND A.18c/7 THEN R ELSE N/A   |
| C114 | IF A.1/1 AND A.18c/8 THEN R ELSE N/A   |
| C115 | IF C420 OR C434 THEN O ELSE IF (A.1/1 AND A.18c/9) THEN R ELSE N/A   |

|      |   |
|------|---|
| C116 | IF A.1/1 AND A.18c/10 THEN R ELSE N/A                                   |
| C117 | IF A.1/1 AND A.18c/11 THEN R ELSE N/A                                   |
| C118 | IF A.1/1 AND A.18c/12 THEN R ELSE N/A                                   |
| C119 | IF C183 THEN O ELSE IF (A.1/1 AND A.18c/13.1) THEN R ELSE N/A           |
| C120 | IF A.1/1 AND A.18c/13.2 THEN R ELSE N/A                                 |
| C121 | IF A.1/1 AND A.18c/14.1 THEN R ELSE N/A                                 |
| C122 | IF C119 THEN O ELSE IF (A.1/1 AND A.18c/14.2) THEN R ELSE N/A           |
| C123 | IF C125 THEN O ELSE IF (A.1/1 AND A.18c/15) THEN R ELSE N/A             |
| C124 | IF C125 THEN O ELSE IF (A.1/1 AND A.18c/16) THEN R ELSE N/A             |
| C125 | IF A.1/1 AND A.18c/17 THEN R ELSE N/A                                   |
| C126 | Void  |
| C127 | Void  |
| C128 | Void  |
| C129 | Void  |
| C130 | Void  |
| C131 | IF A.1/1 AND A.18c/23.1 THEN R ELSE N/A                                 |
| C132 | IF A.1/1 AND A.18c/23.2 THEN R ELSE N/A                                 |
| C133 | IF A.1/1 AND A.18c/23.3 THEN R ELSE N/A                                 |
| C134 | IF A.1/1 AND A.18c/23.4 THEN R ELSE N/A                                 |
| C135 | Void  |
| C136 | IF A.1/1 AND A.18c/25.1 THEN R ELSE N/A                                 |
| C137 | IF A.1/1 AND A.18c/25.2 THEN R ELSE N/A                                 |
| C138 | IF A.1/1 AND A.18c/25.3 THEN R ELSE N/A                                 |
| C139 | IF A.1/1 AND A.18c/25.4 THEN R ELSE N/A                                 |
| C140 | IF C142 THEN O ELSE IF (A.1/1 AND A.18c/26) THEN R ELSE N/A             |
| C141 | IF C142 THEN O ELSE IF (A.1/1 AND A.18c/27) THEN R ELSE N/A             |
| C142 | IF C151 THEN O ELSE IF (A.1/1 AND A.18c/28) THEN R ELSE N/A             |
| C143 | IF A.1/1 AND A.18c/29 THEN R ELSE N/A                                   |
| C144 | IF A.1/1 AND A.18c/30 THEN R ELSE N/A                                   |
| C145 | IF C142 THEN O ELSE IF (A.1/1 AND A.18c/31.1) THEN R ELSE N/A           |
| C146 | IF A.1/1 AND A.18c/31.2 THEN R ELSE N/A                                 |
| C147 | IF C142 THEN O ELSE IF (A.1/1 AND A.18c/32.1) THEN R ELSE N/A           |
| C148 | IF C151 OR C172 THEN O ELSE IF (A.1/1 AND A.18c/32.2) THEN R ELSE N/A   |
| C149 | IF A.1/1 AND A.18c/33.1 THEN R ELSE N/A                                 |
| C150 | IF A.1/1 AND A.18c/33.2 THEN R ELSE N/A                                 |
| C151 | IF A.1/1 AND A.18c/34.1 THEN R ELSE N/A                                 |
| C152 | IF A.1/1 AND A.18c/34.2 THEN R ELSE N/A                                 |
| C153 | IF A.1/1 AND A.13/2 AND A.18c/35.1 THEN R ELSE N/A                      |
| C154 | IF A.1/1 AND A.13/2 AND A.18c/35.2 THEN R ELSE N/A                      |
| C155 | Void  |
| C156 | Void  |
| C157 | Void  |
| C158 | Void  |
| C159 | IF A.1/1 AND A.3/3 AND A.18c/38.1 THEN R ELSE N/A                       |
| C160 | IF A.1/1 AND A.3/3 AND A.18c/38.2 THEN R ELSE N/A                       |
| C161 | IF A.1/1 AND A.3/3 AND A.18c/38.3 THEN R ELSE N/A                       |
| C162 | IF A.1/1 AND A.3/3 AND A.18c/38.4 THEN R ELSE N/A                       |
| C163 | IF A.1/1 AND A.3/3 AND A.18c/39.1 THEN R ELSE N/A                       |
| C164 | IF A.1/1 AND A.3/3 AND A.18c/39.2 THEN R ELSE N/A                       |
| C165 | IF A.1/1 AND A.3/3 AND A.18c/39.3 THEN R ELSE N/A                       |
| C166 | IF A.1/1 AND A.3/3 AND A.18c/39.4 THEN R ELSE N/A                       |
| C167 | IF C172 THEN O ELSE IF (A.1/1 AND A.3/3 AND A.18c/40) THEN R ELSE N/A   |
| C168 | IF C172 THEN O ELSE IF (A.1/1 AND A.3/3 AND A.18c/41) THEN R ELSE N/A   |
| C169 | IF C172 THEN O ELSE IF (A.1/1 AND A.3/3 AND A.18c/42.1) THEN R ELSE N/A |
| C170 | IF A.1/1 AND A.3/3 AND A.18c/42.2 THEN R ELSE N/A                       |
| C171 | IF A.1/1 AND A.3/3 AND A.18c/43.1 THEN R ELSE N/A                       |
| C172 | IF A.1/1 AND A.3/3 AND A.18c/43.2 THEN R ELSE N/A                       |
| C173 | IF A.1/1 AND A.3/3 AND A.13/2 AND A.18c/44.1 THEN R ELSE N/A            |
| C174 | IF A.1/1 AND A.3/3 AND A.13/2 AND A.18c/44.2 THEN R ELSE N/A            |
| C175 | IF A.1/1 AND A.18c/45 THEN R ELSE N/A                                   |
| C176 | Void  |
| C177 | Void  |
| C178 | Void  |
| C179 | IF A.1/1 AND A.18c/49.1 THEN R ELSE N/A                                 |
| C180 | IF A.1/1 AND A.18c/49.2 THEN R ELSE N/A                                 |

|      |  |
|------|--|
| C181 | IF A.1/1 AND A.18c/50.1 THEN R ELSE N/A                      |
| C182 | IF A.1/1 AND A.18c/50.2 THEN R ELSE N/A                      |
| C183 | IF A.1/1 AND A.3/3 AND A.18c/51.1 THEN R ELSE N/A            |
| C184 | IF A.1/1 AND A.3/3 AND A.18c/51.2 THEN R ELSE N/A            |
| C185 | IF A.1/1 AND A.3/3 AND A.18c/52.1 THEN R ELSE N/A            |
| C186 | IF A.1/1 AND A.3/3 AND A.18c/52.2 THEN R ELSE N/A            |
| C187 | IF A.1/1 AND A.3/3 AND A.18c/53.1 THEN R ELSE N/A            |
| C188 | IF A.1/1 AND A.3/3 AND A.18c/53.2 THEN R ELSE N/A            |
| C189 | Void   |
| C190 | Void   |
| C191 | Void   |
| C192 | Void   |
| C193 | IF A.1/1 AND A.18d/2.1 THEN R ELSE N/A                       |
| C194 | IF A.1/1 AND A.18d/2.2 THEN R ELSE N/A                       |
| C195 | IF A.1/1 AND A.13/2 AND A.18d/3.1 THEN R ELSE N/A            |
| C196 | IF A.1/1 AND A.13/2 AND A.18d/3.2 THEN R ELSE N/A            |
| C197 | Void   |
| C198 | Void   |
| C199 | IF A.1/1 AND A.3/3 AND A.18d/5.1 THEN R ELSE N/A             |
| C200 | IF A.1/1 AND A.3/3 AND A.18d/5.2 THEN R ELSE N/A             |
| C201 | IF A.1/1 AND A.3/3 AND A.13/2 AND A.18d/6.1 THEN R ELSE N/A  |
| C202 | IF A.1/1 AND A.3/3 AND A.13/2 AND A.18d/6.2 THEN R ELSE N/A  |
| C203 | IF A.1/1 AND A.18e/1 THEN R ELSE N/A                         |
| C204 | IF A.1/1 AND A.18e/2 THEN R ELSE N/A                         |
| C205 | IF A.1/1 AND A.18e/3 THEN R ELSE N/A                         |
| C206 | IF A.1/1 AND A.18f/1 THEN R ELSE N/A                         |
| C207 | Void   |
| C208 | IF (A.1/2 OR A.1/3) AND A.2/2 THEN R ELSE N/A                |
| C209 | Void   |
| C210 | Void   |
| C211 | IF A.3/3 AND A.20/39 THEN R ELSE N/A                         |
| C212 | IF A.3/2 AND A.20/40 THEN R ELSE N/A                         |
| C213 | IF A.3/2 AND A.19a/1 THEN R ELSE N/A                         |
| C214 | IF A.3/2 AND A.19a/1 AND A.19a/3 AND A.19a/4 THEN R ELSE N/A |
| C215 | IF A.3/2 AND A.19a/1 AND A.19a/2 THEN R ELSE N/A             |
| C216 | IF A.3/2 AND A.2/7 AND A.19b/1 THEN R ELSE N/A               |
| C217 | IF A.3/2 AND A.19b/1 AND A.19b/3 THEN R ELSE N/A             |
| C218 | IF A.3/2 AND A.2/7 AND A.19b/1 AND A.19b/2 THEN R ELSE N/A   |
| C219 | IF A.2/7 THEN R ELSE N/A                                     |
| C220 | IF A.1/3 AND A.18g/1 THEN R ELSE N/A                         |
| C221 | IF A.1/3 AND A.18g/2 THEN R ELSE N/A                         |
| C222 | IF A.1/3 AND A.18g/3 THEN R ELSE N/A                         |
| C223 | IF A.1/3 AND A.18g/4 THEN R ELSE N/A                         |
| C224 | IF A.1/3 AND A.18g/5 THEN R ELSE N/A                         |
| C225 | IF A.1/3 AND A.18g/6 THEN R ELSE N/A                         |
| C226 | IF A.1/3 AND A.18g/7 THEN R ELSE N/A                         |
| C227 | IF A.1/3 AND A.18g/8 THEN R ELSE N/A                         |
| C228 | Void   |
| C291 | IF A.1/3 AND A.18g/15 THEN R ELSE N/A                        |
| C292 | IF A.1/3 AND A.18g/16 THEN R ELSE N/A                        |
| C293 | IF A.1/3 AND A.18g/17 THEN R ELSE N/A                        |
| C294 | IF A.1/3 AND A.18g/18 THEN R ELSE N/A                        |
| C295 | IF A.1/3 AND A.18g/19 THEN R ELSE N/A                        |
| C296 | IF A.1/3 AND A.18g/23.1 THEN R ELSE N/A                      |
| C297 | IF A.1/3 AND A.18g/23.2 THEN R ELSE N/A                      |
| C298 | IF A.1/3 AND A.18g/23.3 THEN R ELSE N/A                      |
| C299 | IF A.1/3 AND A.18g/23.4 THEN R ELSE N/A                      |
| C300 | IF A.1/3 AND A.18g/24.1 THEN R ELSE N/A                      |
| C301 | IF A.1/3 AND A.18g/24.2 THEN R ELSE N/A                      |
| C302 | IF A.1/3 AND A.18g/25.1 THEN R ELSE N/A                      |
| C303 | IF A.1/3 AND A.18g/25.2 THEN R ELSE N/A                      |
| C304 | IF A.1/3 AND A.18g/25.3 THEN R ELSE N/A                      |
| C305 | IF A.1/3 AND A.18g/25.4 THEN R ELSE N/A                      |
| C306 | IF A.1/3 AND A.18g/26 THEN R ELSE N/A                        |
| C307 | IF A.1/3 AND A.18g/27 THEN R ELSE N/A                        |

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| C308  | IF A.1/3 AND A.18g/28 THEN R ELSE N/A  |
| C309  | IF A.1/3 AND A.18g/29 THEN R ELSE N/A  |
| C310  | IF A.1/3 AND A.18g/30 THEN R ELSE N/A  |
| C311  | IF A.3/2 AND A.20/26 AND A.6/4 AND A.6/3 AND A.20/43 THEN R ELSE N/A                               |
| C312  | IF A.1/3 AND A.18g/31.1 THEN R ELSE N/A  |
| C313  | IF A.1/3 AND A.18g/31.2 THEN R ELSE N/A  |
| C314  | IF A.1/3 AND A.18g/32.1 THEN R ELSE N/A  |
| C315  | IF A.1/3 AND A.18g/32.2 THEN R ELSE N/A  |
| C316  | IF A.1/3 AND A.18g/33.1 THEN R ELSE N/A  |
| C317  | IF A.1/3 AND A.18g/33.2 THEN R ELSE N/A  |
| C318  | IF A.1/3 AND A.18g/34.1 THEN R ELSE N/A  |
| C319  | IF A.1/3 AND A.18g/34.2 THEN R ELSE N/A  |
| C320  | IF A.1/3 AND A.18g/35.1 THEN R ELSE N/A  |
| C321  | IF A.1/3 AND A.18g/35.2 THEN R ELSE N/A  |
| C322  | IF A.1/3 AND A.18g/36.1 THEN R ELSE N/A  |
| C323  | IF A.1/3 AND A.18g/36.2 THEN R ELSE N/A  |
| C324  | IF A.1/3 AND A.18g/37.1 THEN R ELSE N/A  |
| C325  | IF A.1/3 AND A.18g/37.2 THEN R ELSE N/A  |
| C326  | IF A.1/3 AND A.18g/38.1 THEN R ELSE N/A  |
| C327  | IF A.1/3 AND A.3/3 AND A.18g/38.2 THEN R ELSE N/A  |
| C328  | IF A.1/3 AND A.3/3 AND A.18g/38.3 THEN R ELSE N/A  |
| C329  | IF A.1/3 AND A.3/3 AND A.18g/38.4 THEN R ELSE N/A  |
| C330  | IF A.1/3 AND A.3/3 AND A.18g/39.1 THEN R ELSE N/A  |
| C331  | IF A.1/3 AND A.3/3 AND A.18g/39.2 THEN R ELSE N/A  |
| C332  | IF A.1/3 AND A.3/3 AND A.18g/39.3 THEN R ELSE N/A  |
| C333  | IF A.1/3 AND A.3/3 AND A.18g/39.4 THEN R ELSE N/A  |
| C334  | IF A.1/3 AND A.3/3 AND A.18g/40 THEN R ELSE N/A  |
| C335  | IF A.1/3 AND A.3/3 AND A.18g/41 THEN R ELSE N/A  |
| C336  | IF A.1/3 AND A.3/3 AND A.18g/42.1 THEN R ELSE N/A  |
| C337  | IF A.1/3 AND A.3/3 AND A.18g/42.2 THEN R ELSE N/A  |
| C338  | IF A.1/3 AND A.3/3 AND A.18g/43.1 THEN R ELSE N/A  |
| C339  | IF A.1/3 AND A.3/3 AND A.18g/43.2 THEN R ELSE N/A  |
| C340  | IF A.1/3 AND A.3/3 AND A.18g/44.1 THEN R ELSE N/A  |
| C341  | IF A.1/3 AND A.3/3 AND A.18g/44.2 THEN R ELSE N/A  |
| C342  | IF A.1/3 AND A.18g/45 THEN R ELSE N/A  |
| C343  | IF A.1/3 AND A.18g/46 THEN R ELSE N/A  |
| C344  | IF A.1/3 AND A.18g/49.1 THEN R ELSE N/A  |
| C345  | IF A.1/3 AND A.18g/49.2 THEN R ELSE N/A  |
| C346  | IF A.1/3 AND A.18g/50.1 THEN R ELSE N/A  |
| C347  | IF A.1/3 AND A.18g/50.2 THEN R ELSE N/A  |
| C348  | IF A.1/3 AND A.3/3 AND A.18g/51.1 THEN R ELSE N/A  |
| C349  | Void   |
| C350  | IF A.1/3 AND A.18g/52.1 THEN R ELSE N/A  |
| C351  | IF A.1/3 AND A.18g/52.2 THEN R ELSE N/A  |
| C352  | IF A.1/3 AND A.18g/53.1 THEN R ELSE N/A  |
| C353  | IF A.1/3 AND A.18g/53.2 THEN R ELSE N/A  |
| C354  | IF A.1/3 AND A.18g/54 THEN R ELSE N/A  |
| C355  | IF A.1/3 AND A.18h/1 THEN R ELSE N/A   |
| C356  | IF A.1/1 AND A.3/1 AND A.20/81 THEN R ELSE N/A   |
| C357  | IF (A.1/2 OR A.1/3) AND A.3/1 THEN R ELSE N/A  |
| C358  | IF A.1/1 AND A.3/2 AND A.20/26 THEN R ELSE N/A   |
| C359  | IF A.1/1 AND A.3/3 AND (A.18a/8 OR A.18a/9) THEN R ELSE N/A  |
| C360  | IF A.1/1 AND A.18c/26 AND A.1/4 AND [52] A.2/41 THEN R ELSE N/A                                    |
| C360a | IF A.1/1 AND A.18c/26 AND A.1/4 AND [52] A.2/41 AND [52] A.2/75 THEN R ELSE N/A                    |
| C361  | IF A.1/3 AND A.18h/2 THEN R ELSE N/A   |
| C362  | IF A.1/3 AND A.18h/3 THEN R ELSE N/A   |
| C363  | IF A.1/3 AND A.18i/1 THEN R ELSE N/A   |
| C364  | IF (A.1/2 OR A.1/3) AND A.20/26 THEN R ELSE N/A  |
| C365  | Void   |
| C366  | Void   |
| C367  | Void   |
| C368  | IF A.1/1 AND (A.18a/8 OR A.18a/9) THEN R ELSE N/A  |
| C369  | IF (A.1/1 AND ((A.3/1 AND A.20/81) OR A.3/2) AND A.1/4) AND (A.18a/8a OR A.18a/9a) THEN R ELSE N/A |
| C370  | Void   |
| C371  | IF A.1/1 AND A.18a/14 THEN R ELSE N/A  |

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| C372  | IF A.1/1 AND A.18a/14 AND (A.18a.1/9 OR A.18a.1/10) THEN R ELSE N/A  |
| C372a | Void   |
| C373  | IF C374 or C373a THEN O ELSE (IF A.1/1 AND A.18a/14 AND A.18f.1/1 THEN R ELSE N/A)   |
| C373a | IF C374 THEN O ELSE (IF A.1/1 AND A.18a/14 AND A.18f.1/1a THEN R ELSE N/A)   |
| C373b | IF A.1/1 AND A.18a/24 AND A.18f.1/1 THEN R ELSE N/A  |
| C373c | IF A.1/1 AND (A.18a.1a/13 OR A.18a.1a/14 OR A.18a.1a/17 OR A.18a.1a/18 OR A.18a.1a/19 OR A.18a.1a/20) AND A.18f.1/1 THEN R ELSE N/A  |
| C373d | IF A.1/1 AND (A.18a.1a/15 OR A.18a.1a/16 OR A.18a.1a/17 OR A.18a.1a/18 OR A.18a.1a/19 OR A.18a.1a/20) AND A.18f.1/1 THEN R ELSE N/A  |
| C373e | IF A.1/1 AND (A.18a.1a/19 OR A.18a.1a/20) AND A.18f.1/1 THEN R ELSE N/A  |
| C373f | IF A.1/1 AND A.18a/40 AND A.18f.1/1 THEN R ELSE N/A  |
| C373g | IF A.1/1 AND A.18a/40 AND (A.18a.1b/23 OR A.18a.1b/24) AND A.18f.1/1 THEN R ELSE N/A   |
| C373h | IF A.1/1 AND (A.18a.1c/25 OR A.18a.1c/26 OR A.18a.1c/27 OR A.18a.1c/28) AND A.18f.1/1 THEN R ELSE N/A  |
| C373i | IF A.1/1 AND (A.18a.1c/27 OR A.18a.1c/28) AND A.18f.1/1 THEN R ELSE N/A  |
| C374  | IF A.1/1 AND A.18a/14 AND A.18f.1/2 THEN R ELSE N/A  |
| C375  | IF (A.1/1 AND A.1/4) AND A.3/1 AND A.18c/15 AND [52] A.25/72 THEN R ELSE N/A   |
| C376  | IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.4/2 OR A.4/3 OR A.4/4 OR A.4/5 OR A.4/7 OR A.4/8 OR A.4/9 OR A.4/10 OR A.4/12 OR A.4/13 OR A.4/14 OR A.4/15 OR A.4/16 OR A.4/17 OR A.4/18 OR A.4/19 OR A.4/20 OR A.4/21) THEN R ELSE N/A |
| C377  | IF A.1/3 AND A.18c/63.1 THEN R ELSE N/A  |
| C378  | IF A.1/3 AND A.13/2 AND A.18c/63.2 THEN R ELSE N/A   |
| C379  | IF A.3/2 AND A.20/63 THEN R ELSE N/A   |
| C380  | IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 AND A.18a/14 THEN R ELSE N/A   |
| C381  | IF A.1/1 AND A.18c/26 AND A.1/4 AND [52] A.2/41 AND A.18a/14 THEN R ELSE N/A   |
| C382  | IF A.3/2 AND A.19a/5 THEN R ELSE N/A   |
| C383  | Void   |
| C384  | Void   |
| C385  | IF A.1/1 AND A.18a/14 AND A.18a/9 THEN R ELSE N/A  |
| C386  | IF A.1/1 AND A.18f.2/1 THEN R ELSE N/A   |
| C387  | IF A.1/1 AND A.2/8 AND A.18c/62 THEN R ELSE N/A  |
| C388  | Void   |
| C389  | IF A.3/2 AND A.19a/2 THEN R ELSE N/A   |
| C390  | IF (A.1/1 AND A.18c/40) AND (A.1/4 AND [52] A.2/41) AND A.3/3 THEN R ELSE N/A  |
| C391  | Void   |
| C392  | Void   |
| C393  | IF A.1/1 AND A.3/3 AND A.18a/14 AND (A.2/1 OR A.3/4) THEN R ELSE N/A   |
| C394  | IF (A.1/1 AND A.18c/40) AND (A.1/4 AND [52] A.2/41 AND (A.1/7)) AND A.3/3 THEN R ELSE N/A  |
| C395  | IF A.3/2 AND A.20/66 AND A.20/63 THEN R ELSE N/A   |
| C396  | IF (A.1/1 AND A.18c/26) AND (A.1/4 AND [52] A.2/41) AND A.20/67 THEN R ELSE N/A  |
| C397  | IF A.18a/4 THEN R ELSE N/A   |
| C398  | IF C422 THEN O ELSE IF (A.1/1 AND A.18c/23a.1) THEN R ELSE N/A   |
| C399  | IF A.1/1 AND A.18a/14 AND A.3/3 AND A.18f.1/3 THEN R ELSE N/A  |
| C400  | IF C399 THEN O ELSE (IF A.1/1 AND A.18a/14 AND A.3/3 AND A.18f.1/3a THEN R ELSE N/A)   |
| C401  | IF A.1/1 AND A.18a/14 AND A.3/3 AND A.18f.1/4 THEN R ELSE N/A  |
| C402  | IF C401 THEN O ELSE (IF A.1/1 AND A.18a/14 AND A.3/3 AND A.18f.1/4a THEN R ELSE N/A)   |
| C403  | IF A.1/1 AND A.18a/14 AND A.18f.1/5 THEN R ELSE N/A  |
| C404  | IF C403 THEN O ELSE (IF A.1/1 AND A.18a/14 AND A.18f.1/5a THEN R ELSE N/A)   |
| C405  | IF A.1/1 AND A.18a/14 AND A.18f.1/6 THEN R ELSE N/A  |
| C405a | IF A.1/1 AND A.18a/24 AND A.18f.1/6 THEN R ELSE N/A  |
| C405b | IF A.1/1 AND (A.18a.1a/13 OR A.18a.1a/14 OR A.18a.1a/17 OR A.18a.1a/18 OR A.18a.1a/19 OR A.18a.1a/20) AND A.18f.1/6 THEN R ELSE N/A  |
| C405c | IF A.1/1 AND (A.18a.1a/15 OR A.18a.1a/16 OR A.18a.1a/17 OR A.18a.1a/18 OR A.18a.1a/19 OR A.18a.1a/20) AND A.18f.1/6 THEN R ELSE N/A  |
| C405d | IF A.1/1 AND (A.18a.1a/19 OR A.18a.1a/20) AND A.18f.1/6 THEN R ELSE N/A  |
| C405e | IF A.1/1 AND A.18a/40 AND A.18f.1/6 THEN R ELSE N/A  |
| C405f | IF A.1/1 AND A.18a/24 AND A.18a/40 AND (A.18a.1b/23 OR A.18a.1b/24) AND A.18f.1/6 THEN R ELSE N/A  |
| C405g | IF A.1/1 AND A.18a/24 AND (A.18a.1c/25 OR A.18a.1c/26 OR A.18a.1c/27 OR A.18a.1c/28) AND A.18f.1/6 THEN R ELSE N/A   |
| C405h | IF A.1/1 AND A.18a/24 AND (A.18a.1c/27 OR A.18a.1c/28) AND A.18f.1/6 THEN R ELSE N/A   |
| C406  | IF A.1/1 AND A.18a/14 AND A.3/3 AND A.18f.1/7 THEN R ELSE N/A  |
| C407  | IF A.1/1 AND A.18a/14 AND A.2/8 AND A.3/3 AND A.18f.1/8 THEN R ELSE N/A  |
| C408  | IF A.1/1 AND A.18a/14 AND A.18a/18 THEN R ELSE N/A   |
| C409  | IF A.1/1 AND A.3/3 AND A.20/81 AND A.20/72 THEN R ELSE N/A   |
| C410  | IF (A.1/2 OR A.1/3) AND A.3/3 AND A.20/72 THEN R ELSE N/A  |
| C411  | IF (A.3/1 OR A.3/3) AND A.20/81 AND A.20/72 THEN R ELSE N/A  |

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| C412  | IF A.3/2 AND A.20/72 THEN R ELSE N/A   |
| C413  | IF A.3/3 AND A.20/72 THEN R ELSE N/A   |
| C414  | IF A.1/1 AND A.3/3 AND A.18c/38d THEN R ELSE N/A   |
| C415  | IF A.1/1 AND A.3/3 AND A.18c/38g THEN R ELSE N/A   |
| C416  | IF A.1/1 AND A.3/3 AND A.18c/38h THEN R ELSE N/A   |
| C417  | IF A.1/1 AND A.3/3 AND A.18c/38i THEN R ELSE N/A   |
| C418  | IF A.1/1 AND A.3/3 AND A.18c/38j THEN R ELSE N/A   |
| C419  | IF A.1/1 AND A.18c/56 THEN R ELSE N/A  |
| C420  | IF C428 THEN O ELSE IF ( A.1/1 AND A.18c/4a) THEN R ELSE N/A   |
| C421  | IF C422 THEN O ELSE IF (A.1/1 AND A.18c/23b) THEN R ELSE N/A   |
| C422  | IF C140 THEN O ELSE IF (A.1/1 AND A.18c/23c) THEN R ELSE N/A   |
| C423  | IF A.1/1 AND A.18c/23d THEN R ELSE N/A   |
| C424  | IF C426 THEN O ELSE IF (A.1/1 AND A.3/3 AND A.18c/38a) THEN R ELSE N/A   |
| C425  | IF C426 THEN O ELSE IF (A.1/1 AND A.3/3 AND A.18c/38b) THEN R ELSE N/A   |
| C426  | IF C167 THEN O ELSE IF (A.1/1 AND A.3/3 AND A.18c/38c) THEN R ELSE N/A   |
| C427  | IF C428 THEN O ELSE IF (A.1/1 AND A.3/3 AND A.18c/38e) THEN R ELSE N/A   |
| C428  | IF A.1/1 AND A.3/3 AND A.18c/38f THEN R ELSE N/A   |
| C429  | IF C183 THEN O ELSE IF (A.1/1 AND A.3/3 AND A.18c/51a) THEN R ELSE N/A   |
| C430  | IF C183 THEN O ELSE IF (A.1/1 AND A.3/3 AND A.18c/51b) THEN R ELSE N/A   |
| C431  | IF A.1/1 AND A.18c/57 THEN R ELSE N/A  |
| C432  | IF C433 THEN O ELSE IF (A.1/1 AND A.18c/58) THEN R ELSE N/A  |
| C433  | IF A.1/1 AND A.18c/58a THEN R ELSE N/A   |
| C434  | IF A.1/1 AND A.18c/4b THEN R ELSE N/A  |
| C435  | IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.18c/16 OR A.18c/17) AND [52] A.25/72 THEN R ELSE N/A                           |
| C436  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18f.3/1 THEN R ELSE N/A   |
| C437  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18f.3/2 THEN R ELSE N/A   |
| C438  | Void   |
| C438a | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.3/3 AND A.18f.3/3 AND A.18a/33 THEN R ELSE N/A                              |
| C438b | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.3/3 AND A.18f.3/3 AND (A.18a.2b/1 OR A.18a.2b/2) THEN R ELSE N/A            |
| C438c | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.3/3 AND A.18f.3/3 AND A.18a.2b/2 THEN R ELSE N/A                            |
| C439  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18f.3/4 THEN R ELSE N/A   |
| C440  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18f.3/5 THEN R ELSE N/A   |
| C441  | Void   |
| C442  | IF A.1/1 AND A.3/3 AND A.18a/14 AND A.18a/18 AND (A.18a.2/2 OR A.18a.2/4 OR A.18a.2/6) THEN R ELSE N/A               |
| C442a | IF A.1/1 AND A.3/3 AND A.18a/14 AND A.18a/18 AND (A.18a.2/2 OR A.18a.2/4 OR A.18a.2/6 OR A.18a.2a/1) THEN R ELSE N/A |
| C443  | IF A.1/3 AND A.18b/10 THEN R ELSE N/A  |
| C444  | IF A.1/3 AND A.18b/10 AND A.18j/5 THEN R ELSE N/A  |
| C445  | IF C444 THEN O ELSE (IF A.1/3 AND A.18b/10 AND A.18j/4 THEN R ELSE N/A)  |
| C446  | IF C444 or C445 THEN O ELSE (IF A.1/3 AND A.18b/10 AND A.18j/3 THEN R ELSE N/A)                                      |
| C447  | IF C444 or C445 or C446 THEN O ELSE (IF A.1/3 AND A.18b/10 AND A.18j/2 THEN R ELSE N/A)                              |
| C448  | IF C444 or C445 or C446 or C447 THEN O ELSE (IF A.1/3 AND A.18b/10 AND A.18j/1 THEN R ELSE N/A)                      |
| C448b | IF C444 or C445 or C446 or C447 or C448 THEN O ELSE (IF A.1/3 AND A.18b/10 AND A.18j/1 THEN R ELSE N/A)              |
| C449  | Void   |
| C450  | Void   |
| C451  | IF A.1/3 AND A.3/3 AND A.18b/10 THEN R ELSE N/A  |
| C452  | IF A.1/3 AND A.18b/10 AND A.18j/6 THEN R ELSE N/A  |
| C453  | IF C452 THEN O ELSE (IF A.1/3 AND A.18b/10 AND A.18j/5 THEN R ELSE N/A)  |
| C454  | IF A.1/3 AND A.18b/10 AND A.18j/7 THEN R ELSE N/A  |
| C455  | Void   |
| C456  | Void   |
| C457  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.2/8 AND A.3/3 AND A.18f.3/8 THEN R ELSE N/A                                 |
| C458  | Void   |
| C459  | Void   |
| C460  | Void   |
| C461  | Void   |
| C462  | IF A.1/1 AND A.18c/26 AND A.1/4 AND [52] A.2/41 AND A.18a/14 AND A.18a/18 THEN R ELSE N/A                            |
| C463  | IF A.1/1 AND (A.2/1 OR A.2/2) AND A.3/3 AND A.18a/14 AND A.18a/18 THEN R ELSE N/A                                    |
| C464  | IF A.1/3 AND A.3/3 AND A.18g/51.2 THEN R ELSE N/A  |
| C465  | IF A.1/2 AND A.18b/10 THEN R ELSE N/A  |
| C466  | IF A.1/2 AND A.18b/10 AND A.18p/3 THEN R ELSE N/A  |
| C467  | IF C466 THEN O ELSE (IF A.1/2 AND A.18b/10 AND A.18p/2 THEN R ELSE N/A)  |



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| C468  | IF C466 OR C467 THEN O ELSE (IF A.1/2 AND A.18b/10 AND A.18p/1 THEN R ELSE N/A)    |
| C469  | IF A.1/2 AND A.18b/10 AND A.18p/4 THEN R ELSE N/A                                  |
| C470  | IF C468 THEN O ELSE (IF A.1/2 AND A.18b/10 AND A.18p/5 THEN R ELSE N/A)            |
| C471  | IF A.1/2 AND A.18b/10 AND A.18p/6 THEN R ELSE N/A                                  |
| C472  | IF C471 THEN O ELSE (IF A.1/2 AND A.18b/10 AND A.18p/7 THEN R ELSE N/A)            |
| C473  | IF A.1/2 AND A.18b/10 AND A.18p/8 THEN R ELSE N/A                                  |
| C474  | IF C473 THEN O ELSE (IF A.1/2 AND A.18b/10 AND A.18p/9 THEN R ELSE N/A)            |
| C475  | IF A.1/2 AND A.18b/10 AND A.18p/10 THEN R ELSE N/A                                 |
| C476  | IF A.1/2 AND A.18b/10 AND A.18p/11 THEN R ELSE N/A                                 |
| C477  | Void   |
| C478  | IF A.1/1 AND A.3/2 AND A.10/4 THEN R ELSE N/A                                      |
| C479  | IF A.1/1 AND A.3/2 AND A.10/4 AND A.18a/19 THEN R ELSE N/A                         |
| C480  | IF A.3/2 AND A.10/4 THEN R ELSE N/A  |
| C481  | IF A.1/1 AND A.15/21 THEN R ELSE N/A   |
| C481d | IF A.1/1 AND ( (A.3/1 AND A.20/81) OR A.3/2) AND A.15/21 THEN R ELSE N/A           |
| C482  | IF A.1/1 AND A.3/2 AND A.15/21 THEN R ELSE N/A                                     |
| C483  | IF A.1/1 AND ((A.18c/12 AND A.18c/17) OR (A.18c/23c AND A.18c/26)) THEN R ELSE N/A |
| C484  | Void   |
| C485  | IF A.1/8 AND A.18q/1 THEN R ELSE N/A   |
| C486  | IF A.1/8 AND A.18q/2 THEN R ELSE N/A   |
| C487  | Void   |
| C488  | IF A.1/8 AND A.18q/4 THEN R ELSE N/A   |
| C489  | IF A.1/8 AND A.18q/5 THEN R ELSE N/A   |
| C490  | IF A.1/8 AND A.18q/6 THEN R ELSE N/A   |
| C491  | IF A.1/8 AND A.18q/7 THEN R ELSE N/A   |
| C492  | IF A.1/8 AND A.18q/8 THEN R ELSE N/A   |
| C493  | IF A.1/8 AND A.18q/9 THEN R ELSE N/A   |
| C494  | IF A.1/8 AND A.18q/10 THEN R ELSE N/A  |
| C495  | IF A.1/8 AND A.18q/11 THEN R ELSE N/A  |
| C496  | IF A.1/8 AND A.18q/12 THEN R ELSE N/A  |
| C497  | IF A.1/8 AND A.18q/13.1 THEN R ELSE N/A  |
| C498  | IF A.1/8 AND A.18q/14.1 THEN R ELSE N/A  |
| C499  | IF A.1/8 AND A.18q/15 THEN R ELSE N/A  |
| C500  | IF A.1/8 AND A.18q/16 THEN R ELSE N/A  |
| C501  | IF A.1/8 AND A.18q/17 THEN R ELSE N/A  |
| C504  | IF A.1/8 AND A.18q/23 THEN R ELSE N/A  |
| C506  | IF A.1/8 AND A.18q/25.1 THEN R ELSE N/A  |
| C507  | IF A.1/8 AND A.18q/26.1 THEN R ELSE N/A  |
| C508  | IF A.1/8 AND A.18q/27.1 THEN R ELSE N/A  |
| C509  | IF A.1/8 AND A.18q/28.1 THEN R ELSE N/A  |
| C510  | IF A.1/8 AND A.18q/29.1 THEN R ELSE N/A  |
| C511  | IF A.1/8 AND A.18q/30.1 THEN R ELSE N/A  |
| C512  | IF A.1/8 AND A.18q/31.1 THEN R ELSE N/A  |
| C513  | IF A.1/8 AND A.18q/32.1 THEN R ELSE N/A  |
| C514  | IF A.1/8 AND A.18q/33.1 THEN R ELSE N/A  |
| C515  | IF A.1/8 AND A.18q/34.1 THEN R ELSE N/A  |
| C516  | IF A.1/8 AND A.18q/35.1 THEN R ELSE N/A  |
| C517  | IF A.1/8 AND A.18r/1 THEN R ELSE N/A   |
| C518  | IF A.1/8 AND A.18r/2 THEN R ELSE N/A   |
| C519  | IF A.1/8 AND A.18r/3 THEN R ELSE N/A   |
| C520  | IF A.1/8 AND A.18r/4 THEN R ELSE N/A   |
| C521  | IF A.1/8 AND A.18s/1 THEN R ELSE N/A   |
| C522  | IF A.1/8 AND A.18s/2 THEN R ELSE N/A   |
| C523  | IF A.1/8 AND A.18s/3 THEN R ELSE N/A   |
| C524  | IF A.1/8 AND A.18t/1 THEN R ELSE N/A   |
| C525  | IF A.1/8 AND A.18t/2 THEN R ELSE N/A   |
| C526  | IF A.1/8 AND A.18t/3 THEN R ELSE N/A   |
| C527  | IF A.1/8 AND A.18t/4 THEN R ELSE N/A   |
| C528  | IF A.1/8 AND A.18u/1 THEN R ELSE N/A   |
| C529  | IF A.1/8 AND A.18u/2 THEN R ELSE N/A   |
| C530  | IF A.1/8 AND A.18u/3 THEN R ELSE N/A   |
| C531  | IF A.1/8 AND A.18b/10 THEN R ELSE N/A  |
| C532  | IF A.1/8 AND A.18b/10 AND A.18v/3 THEN R ELSE N/A                                  |
| C533  | IF C466 THEN O ELSE (IF A.1/8 AND A.18b/10 AND A.18v/2 THEN R ELSE N/A)            |
| C534  | IF C466 OR C467 THEN O ELSE (IF A.1/8 AND A.18b/10 AND A.18v/1 THEN R ELSE N/A)    |

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| C535  | IF A.1/8 AND A.18b/10 AND A.18v/4 THEN R ELSE N/A  |
| C536  | IF C468 THEN O ELSE (IF A.1/8 AND A.18b/10 AND A.18v/5 THEN R ELSE N/A)  |
| C537  | IF A.1/8 AND A.18b/10 AND A.18v/6 THEN R ELSE N/A  |
| C538  | IF C471 THEN O ELSE (IF A.1/8 AND A.18b/10 AND A.18v/7 THEN R ELSE N/A)  |
| C539  | IF A.1/8 AND A.18b/10 AND A.18v/8 THEN R ELSE N/A  |
| C540  | IF C473 THEN O ELSE (IF A.1/8 AND A.18b/10 AND A.18v/9 THEN R ELSE N/A)  |
| C541  | IF A.1/8 AND A.18b/10 AND A.18v/10 THEN R ELSE N/A   |
| C542  | IF A.3/2 AND A.10/5 THEN R ELSE N/A  |
| C543  | IF A.1/1 AND A.3/2 AND A.10/5 THEN R ELSE N/A  |
| C544  | IF A.1/1 AND A.3/2 AND A.10/5 AND A.18a/19 THEN R ELSE N/A   |
| C545  | IF A.1/1 AND A.3/2 AND A.10/4 AND A.18e/6 THEN R ELSE N/A  |
| C546  | IF A.1/1 AND A.3/2 AND A.10/5 AND A.18e/6 THEN R ELSE N/A  |
| C547  | IF A.1/1 AND A.3/2 AND A.10/4 AND A.18e/7 THEN R ELSE N/A  |
| C548  | IF A.1/1 AND A.3/2 AND A.10/5 AND A.18e/7 THEN R ELSE N/A  |
| C549  | IF A.1/1 AND A.3/2 AND A.10/4 AND A.18e/8 THEN R ELSE N/A  |
| C550  | IF A.1/1 AND A.3/2 AND A.10/5 AND A.18e/8 THEN R ELSE N/A  |
| C551  | IF A.1/1 AND A.3/2 AND A.10/4 AND A.18a/20 THEN R ELSE N/A   |
| C552  | IF A.1/1 AND A.3/2 AND A.10/5 AND A.18a/20 THEN R ELSE N/A   |
| C553  | IF A.1/1 AND A.3/2 AND A.10/4 AND A.18a/20 AND A.18a/21 THEN R ELSE N/A  |
| C554  | IF A.1/2 AND A.3/2 AND A.10/4 AND A.18n/5 THEN R ELSE N/A  |
| C555  | IF A.1/8 AND A.3/2 AND A.10/4 AND A.18t/5 THEN R ELSE N/A  |
| C556  | IF A.1/1 AND A.3/2 AND A.18a/23 AND A.10/4 AND A.18f.1/9 THEN R ELSE N/A   |
| C557  | IF A.1/1 AND A.3/2 AND A.18a/23 AND A.10/5 AND A.18f.1/9 THEN R ELSE N/A   |
| C558  | IF (A.3/2 OR A.10/6) AND A.19a/5 THEN R ELSE N/A   |
| C559  | IF (A.3/2 OR A.10/6) AND A.19a/5 AND A.19a/7 THEN R ELSE N/A   |
| C560  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18a/22 THEN R ELSE N/A  |
| C561  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.3/3 AND A.18f.3/3 AND A.18a/22 THEN R ELSE N/A  |
| C562  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18f.3/6 AND A.18a/22 THEN R ELSE N/A  |
| C562a | IF A.1/1 AND A.18a/24 AND A.18a/18 AND A.18f.3/6 AND A.18a/22 THEN R ELSE N/A  |
| C562b | IF A.1/1 AND A.18a/24 AND A.18a/18 AND A.18f.3/6 AND A.18a/33 THEN R ELSE N/A  |
| C563  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18f.3/7 AND A.18a/22 THEN R ELSE N/A  |
| C564  | IF C560 THEN O ELSE ( IF C408 THEN R ELSE N/A)   |
| C565  | IF A.1/3 AND A.3/2 AND A.10/4 AND A.18h/4 THEN R ELSE N/A  |
| C566  | Void   |
| C567  | IF A.1/3 AND A.3/2 AND A.10/4 AND A.18h/5 THEN R ELSE N/A  |
| C568  | Void   |
| C569  | IF A.1/3 AND A.3/2 AND A.10/4 AND A.18h/6 THEN R ELSE N/A  |
| C570  | Void   |
| C571  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/4 THEN R ELSE N/A  |
| C572  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/5 THEN R ELSE N/A  |
| C573  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/4 AND A.18b/11 THEN R ELSE N/A   |
| C574  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/5 AND A.18b/11 THEN R ELSE N/A   |
| C575  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/4 AND A.18b/12 AND A.18b/13 THEN R ELSE N/A  |
| C576  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/4 AND A.18b/12 THEN R ELSE N/A   |
| C577  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/5 AND A.18b/12 THEN R ELSE N/A   |
| C578  | IF A.1/1 AND A.18a/24 THEN R ELSE N/A  |
| C579  | IF A.1/1 AND A.18a/25 THEN R ELSE N/A  |
| C579a | IF A.1/1 AND A.18a/25 AND A.1/4 AND [52] A.2/41 THEN R ELSE N/A  |
| C580  | IF A.1/1 AND A.18a/27 THEN R ELSE N/A  |
| C581  | IF A.1/1 AND A.18a/25 AND A.18a/26 THEN R ELSE N/A   |
| C582  | IF A.1/1 AND A.3/2 AND A.18a/23 AND A.10/4 AND A.18f.1/10 THEN R ELSE N/A  |
| C583  | IF A.1/1 AND A.3/2 AND A.18a/23 AND A.10/5 AND A.18f.1/10 THEN R ELSE N/A  |
| C584  | IF (A.1/2 AND A.1/8) AND A.18b/10 AND A.18b/14 THEN R ELSE N/A   |
| C585  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18a/28 THEN R ELSE N/A  |
| C586  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18f.3/2 AND A.18a/28 THEN R ELSE N/A  |
| C587  | IF A.1/1 AND A.18a/14 AND A.18a/18 AND A.18f.3/6 AND A.18a/22 AND A.18a/28 THEN R ELSE N/A   |
| C588  | IF A.1/1 AND A.18a/24 AND (A.18a.1a/13 OR A.18a.1a/14 OR A.18a.1a/17 OR A.18a.1a/18 OR A.18a.1a/19 OR A.18a.1a/20) THEN R ELSE N/A |
| C589  | IF A.1/1 AND A.10/8 THEN R ELSE N/A  |
| C590  | IF A.1/2 AND A.10/8 THEN R ELSE N/A  |
| C591  | IF A.1/1 AND A.18a/29 THEN R ELSE N/A  |
| C592  | IF A.1/1 AND A.18a/30 THEN R ELSE N/A  |
| C593  | IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 AND [52] A.2/73 THEN R ELSE N/A  |
| C593a | IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 AND [52] A.2/87 THEN R ELSE N/A  |
| C594  | IF A.1/1 AND A.3/3 AND (A.2/1 OR A.3/4) THEN R ELSE N/A  |

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| C595  | IF A.1/1 AND A.3/3 AND A.2/1 THEN R ELSE N/A  |
| C596  | IF A.1/1 AND A.3/3 AND (A.18a/8 OR A.18a/9) AND (A.2/1 OR A.3/4) THEN R ELSE N/A  |
| C597  | IF A.1/1 AND A.10/9 THEN R ELSE N/A   |
| C598  | IF A.1/2 AND A.10/9 THEN R ELSE N/A   |
| C599  | IF (A.1/2 OR A.1/8 OR A.1/9 OR A.1/10) AND A.10/10 AND (A.18b/15 OR A.18b/16) THEN R ELSE N/A   |
| C600  | Void  |
| C601  | Void  |
| C602  | IF (A.1/2 OR A.1/9) AND (A.18b/15 OR A.18b/16) AND A.3/2 AND A.10/10 AND A.18n/9 THEN R ELSE N/A  |
| C603  | IF (A.1/2 OR A.1/9) AND (A.18b/15 OR A.18b/16) AND A.3/2 AND A.10/10 AND A.18n/10 THEN R ELSE N/A   |
| C604  | IF (A.1/2 OR A.1/9) AND (A.18b/15 OR A.18b/16) AND A.3/2 AND A.10/10 AND A.18n/11 THEN R ELSE N/A   |
| C605  | IF A.1/2 AND A.18n/1 THEN R ELSE N/A  |
| C606  | IF A.1/2 AND A.18n/2 THEN R ELSE N/A  |
| C607  | IF A.1/2 AND A.18n/3 THEN R ELSE N/A  |
| C608  | IF A.1/2 AND A.18n/4 AND A.2/7 THEN R ELSE N/A  |
| C609  | IF A.1/2 AND A.3/2 AND A.10/4 AND A.18n/6 THEN R ELSE N/A   |
| C610  | IF A.1/2 AND A.3/2 AND A.10/4 AND A.18n/7 THEN R ELSE N/A   |
| C611  | IF A.1/8 AND A.3/2 AND A.10/4 AND A.18t/6 THEN R ELSE N/A   |
| C612  | IF A.1/8 AND A.3/2 AND A.10/4 AND A.18t/7 THEN R ELSE N/A   |
| C613  | IF (A.1/8 OR A.1/10) AND (A.18b/15 OR A.18b/16) AND A.3/2 AND A.10/10 AND A.18t/9 THEN R ELSE N/A   |
| C614  | IF (A.1/8 OR A.1/10) AND (A.18b/15 OR A.18b/16) AND A.3/2 AND A.10/10 AND A.18t/10 THEN R ELSE N/A  |
| C615  | IF (A.1/8 OR A.1/10) AND (A.18b/15 OR A.18b/16) AND A.3/2 AND A.10/10 AND A.18t/11 THEN R ELSE N/A  |
| C616  | IF A.1/1 AND A.18a/32 THEN R ELSE N/A   |
| C617  | IF A.1/1 AND A.18a/30 AND A.18f.3/9 THEN R ELSE N/A   |
| C618  | IF A.1/1 AND A.18a/30 AND A.18f.3/10 THEN R ELSE N/A  |
| C619  | IF A.3/3 AND A.20/35 THEN R ELSE N/A.   |
| C620  | IF A.1/1 AND A.10/11 THEN R ELSE N/A  |
| C621  | IF A.1/2 AND A.10/11 THEN R ELSE N/A  |
| C622  | IF A.1/2 AND A.18b/10 AND A.18b/14 AND A.18p2/1 THEN R ELSE N/A   |
| C623  | IF A.1/2 AND A.18b/10 AND A.18b/14 AND A.18p2/2 THEN R ELSE N/A   |
| C624  | IF A.1/2 AND A.18b/10 AND A.18b/14 AND A.18p2/3 THEN R ELSE N/A   |
| C625  | IF A.1/3 AND A.18b/10 AND A.18b/14 AND A.18p2/4 THEN R ELSE N/A   |
| C626  | IF A.1/8 AND A.18b/10 AND A.18b/14 AND A.18v2/1 THEN R ELSE N/A   |
| C627  | IF A.1/8 AND A.18b/10 AND A.18b/14 AND A.18v2/2 THEN R ELSE N/A   |
| C628  | IF A.1/8 AND A.18b/10 AND A.18b/14 AND A.18v2/3 THEN R ELSE N/A   |
| C629  | IF A.1/8 AND A.18b/10 AND A.18b/14 AND A.18v2/4 THEN R ELSE N/A   |
| C630  | IF A.1/3 AND A.18b/10 AND A.18b/14 THEN R ELSE N/A  |
| C631  | IF A.1/3 AND A.18b/10 AND A.18b/14 AND A.18k/1 THEN R ELSE N/A  |
| C632  | IF A.1/3 AND A.18b/10 AND A.18b/14 AND A.18k/2 THEN R ELSE N/A  |
| C632a | IF A.1/3 AND A.18b/10 AND A.18b/14 AND A.3/3 AND A.18k/3 THEN R ELSE N/A  |
| C633  | IF A.1/3 AND A.18b/10 AND A.18b/14 AND A.18k/4 THEN R ELSE N/A  |
| C634  | IF A.1/3 AND A.18b/10 AND A.18b/14 AND A.18k/5 THEN R ELSE N/A  |
| C635  | IF A.1/3 AND A.18g/26 AND A.1/4 AND [52] A.2/41 AND A.18b/10 AND A.18b/14 THEN R ELSE N/A   |
| C636  | Void  |
| C637  | IF A.1/3 AND A.18b/10 AND A.18b/14 AND A.18k/1 AND A.18b/15 THEN R ELSE N/A   |
| C638  | IF A.1/1 AND A.18a/33 THEN R ELSE N/A   |
| C638a | IF A.1/1 AND A.18a/33 AND A.18a/28 THEN R ELSE N/A  |
| C639  | IF A.1/1 AND A.18a/29 AND A.18f/3 THEN R ELSE N/A   |
| C640  | IF (A.15/3 OR A.15/15 OR A.15/16 OR A.15/22 OR A.15/24 OR A.15/25 OR A.15/26) AND ([52] A.1/1 OR [52] A.1/2 OR [52] A.1/4) AND NOT [52] A.2/49 THEN R ELSE N/A  |
| C641  | IF (((A.15/2 OR A.15/18 OR A.15/19) AND ([52] A.1/18 OR [52] A.1/55)) OR ((A.15/3 OR A.15/15 OR A.15/16 OR A.15/22 OR A.15/24 OR A.15/25 OR A.15/26) AND ([52] A.1/1 OR [52] A.1/2 OR [52] A.1/4))) AND NOT [52] A.2/49 THEN R ELSE N/A |
| C642  | IF A.1/1 AND A.10/10 THEN R ELSE N/A  |
| C643  | IF A.1/3 AND A.10/10 THEN R ELSE N/A  |
| C644  | IF A.1/3 AND A.10/10 AND A.18h/7 THEN R ELSE N/A  |
| C645  | IF A.1/3 AND A.10/10 AND A.18h/8 THEN R ELSE N/A  |
| C646  | IF A.1/3 AND A.10/10 AND A.18h/9 THEN R ELSE N/A  |
| C647  | IF A.1/1 AND A.18a/34 THEN R ELSE N/A   |
| C647a | IF A.1/1 AND A.18a/63 THEN R ELSE N/A   |
| C648  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1a/15 OR A.18a.1a/16 OR A.18a.1a/17 OR A.18a.1a/18 OR A.18a.1a/19 OR A.18a.1a/20) THEN R ELSE N/A  |
| C649  | IF A.1/1 AND A.18a/14 AND A.18a/22 AND A.18a/28 OR A.18a.2a/1 THEN R ELSE N/A   |
| C650  | IF A.1/1 AND A.10/12 THEN R ELSE N/A  |
| C651  | IF ( A.3/1 OR A.3/3 ) AND A.10/12 THEN R ELSE N/A   |
| C652  | IF A.3/3 AND A.10/12 THEN R ELSE N/A  |

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| C652a | IF A.3/3 AND A.10/12 AND A.20/39 THEN R ELSE N/A  |
| C653  | IF A.3/2 AND A.10/12 THEN R ELSE N/A  |
| C654  | IF A.1/1 AND A.18a/24 AND A.18a/22 AND (A.18a.1a/13 OR A.18a.1a/14 OR A.18a.1a/17 OR A.18a.1a/18 OR A.18a.1a/19 OR A.18a.1a/20) THEN R ELSE N/A |
| C655  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND A.18a/40 THEN R ELSE N/A  |
| C656  | IF A.1/1 AND A.3/1 AND A.20/81 AND A.18a/35 THEN R ELSE N/A   |
| C657  | IF A.1/1 AND A.3/2 AND A.18a/35 THEN R ELSE N/A   |
| C658  | IF A.1/1 AND A.3/3 AND (A.2/1 OR A.3/4) AND A.18a/35 THEN R ELSE N/A  |
| C659  | IF A.1/1 AND ( (A.3/1 AND A.20/81) OR A.3/2) AND A.18a/35 THEN R ELSE N/A   |
| C660  | IF A.1/1 AND A.18a/22 AND A.18a/24 THEN R ELSE N/A  |
| C661  | IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 AND A.18a/35 AND [52] A.2/73 THEN R ELSE N/A  |
| C661a | IF A.1/1 AND A.1/4 AND (A.2/1 OR A.2/2) AND A.3/1 AND A.18a/35 AND [52] A.2/87 THEN R ELSE N/A  |
| C662  | IF A.1/1 AND A.18c/26 AND A.1/4 AND [52] A.2/41 AND A.18a/35 THEN R ELSE N/A  |
| C662a | IF A.1/1 AND A.18c/26 AND A.1/4 AND [52] A.2/41 AND A.18a/35 AND [52] A.2/88 THEN R ELSE N/A  |
| C662b | IF A.1/1 AND A.18c/26 AND A.1/4 AND [52] A.2/41 AND A.18a/35 AND [52] A.2/75 THEN R ELSE N/A  |
| C663  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1a/19 OR A.18a.1a/20) THEN R ELSE N/A  |
| C664  | IF A.1/11 AND A.10/13 AND A.18b/18 THEN R ELSE N/A  |
| C665  | IF A.1/11 AND A.18b/18 AND A.3/2 AND A.10/13 AND A.18w/1 THEN R ELSE N/A  |
| C666  | IF A.1/11 AND A.18b/18 AND A.3/2 AND A.10/13 AND A.18w/2 THEN R ELSE N/A  |
| C667  | IF A.1/11 AND A.18b/18 AND A.3/2 AND A.10/13 AND A.18w/3 THEN R ELSE N/A  |
| C668  | IF A.1/1 AND A.10/14 THEN R ELSE N/A  |
| C669  | IF A.1/1 AND A.10/15 THEN R ELSE N/A  |
| C670  | IF A.1/1 AND A.20/79 AND A.20/80 THEN R ELSE N/A  |
| C671  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.20/79 AND A.20/80 THEN R ELSE N/A  |
| C672  | IF A.1/1 AND A.20/79 THEN R ELSE N/A  |
| C673  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.20/79 THEN R ELSE N/A  |
| C674  | IF A.1/1 AND A.10/14 AND A.10/19 THEN R ELSE N/A  |
| C675  | IF A.1/1 AND A.10/14 AND A.10/18 THEN R ELSE N/A  |
| C676  | Void  |
| C677  | Void  |
| C678  | IF A.1/1 AND A.18a/34 AND A.18f.3/3 THEN R ELSE N/A   |
| C679  | IF A.1/1 AND A.2/9 AND A.20/84 THEN R ELSE N/A  |
| C680  | Void  |
| C681  | Void  |
| C682  | Void  |
| C683  | Void  |
| C684  | Void  |
| C685  | Void  |
| C686  | Void  |
| C687  | Void  |
| C688  | Void  |
| C689  | Void  |
| C690  | Void  |
| C691  | Void  |
| C692  | Void  |
| C693  | Void  |
| C694  | Void  |
| C695  | Void  |
| C696  | Void  |
| C697  | Void  |
| C698  | Void  |
| C699  | Void  |
| C700  | Void  |
| C701  | Void  |
| C702  | Void  |
| C703  | IF A.1/3 AND A.18b/10 AND A.18j/9 THEN R ELSE N/A   |
| C704  | IF A.1/3 AND A.18b/10 AND A.18j/10 THEN R ELSE N/A  |
| C705  | IF A.1/3 AND A.18b/10 AND A.18j/11 THEN R ELSE N/A  |
| C706  | IF A.1/3 AND A.18b/10 AND A.18j/12 THEN R ELSE N/A  |
| C707  | IF A.1/3 AND A.18b/10 AND A.18j/13 THEN R ELSE N/A  |
| C708  | IF A.1/3 AND A.18b/10 AND A.18j/14 THEN R ELSE N/A  |
| C709  | IF A.1/3 AND A.18b/10 AND A.18j/15 THEN R ELSE N/A  |
| C710  | IF A.1/3 AND A.18b/10 AND A.18j/16 THEN R ELSE N/A  |
| C711  | IF A.1/3 AND A.18b/10 AND A.18j/17 THEN R ELSE N/A  |
| C712  | IF A.1/3 AND A.18b/14 AND A.18k/6 THEN R ELSE N/A   |

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| C713  | IF A.1/3 AND A.18b/14 AND A.18k/7 THEN R ELSE N/A   |
| C714  | IF A.1/3 AND A.18b/14 AND A.18k/8 THEN R ELSE N/A   |
| C715  | IF A.1/3 AND A.18b/14 AND A.18k/9 THEN R ELSE N/A   |
| C716  | IF A.1/3 AND A.18b/14 AND A.18k/10 THEN R ELSE N/A  |
| C717  | IF A.1/3 AND A.18b/14 AND A.18k/11 THEN R ELSE N/A  |
| C718  | IF A.1/3 AND A.18b/14 AND A.18k/12 THEN R ELSE N/A  |
| C719  | IF A.1/3 AND A.18b/14 AND A.18k/13 THEN R ELSE N/A  |
| C720  | IF A.1/3 AND A.18b/14 AND A.18k/14 THEN R ELSE N/A  |
| C721  | IF A.1/3 AND A.18b/14 AND A.18k/15 THEN R ELSE N/A  |
| C722  | IF A.1/3 AND A.18b/14 AND A.18k/16 THEN R ELSE N/A  |
| C723  | IF A.1/3 AND A.18b/14 AND A.18k/17 THEN R ELSE N/A  |
| C724  | IF A.1/3 AND A.18b/14 AND A.18k/18 THEN R ELSE N/A  |
| C725  | IF A.1/3 AND A.18b/14 AND A.18k/19 THEN R ELSE N/A  |
| C726  | IF A.1/3 AND A.16/12 THEN R ELSE N/A  |
| C727  | IF A.1/3 AND A.18b/19 THEN R ELSE N/A   |
| C728  | IF A.1/3 AND A.18b/20 THEN R ELSE N/A   |
| C729  | IF A.1/3 AND A.18b/10 AND A.18b/21 AND A.18k/1 THEN R ELSE N/A                                    |
| C730  | IF A.1/3 AND A.18b/10 AND A.18b/22 AND A.18k/1 THEN R ELSE N/A                                    |
| C731  | IF A.1/1 AND A.18a/36 THEN R ELSE N/A   |
| C731a | IF A.1/1 AND A.18a/62 THEN R ELSE N/A   |
| C732  | IF A.1/1 AND A.18a/36 AND A.18f.3/3 THEN R ELSE N/A   |
| C733  | IF C655 THEN O ELSE ( IF A.1/1 AND A.18a/40 ) THEN R ELSE N/A                                     |
| C734  | IF A.1/8 AND A.18q/13.2 THEN R ELSE N/A   |
| C735  | IF A.1/8 AND A.18q/14.2 THEN R ELSE N/A   |
| C736  | IF A.1/8 AND A.18q/23.2 THEN R ELSE N/A   |
| C737  | IF A.1/8 AND A.18q/23a.1 THEN R ELSE N/A  |
| C738  | IF A.1/8 AND A.18q/23a.2 THEN R ELSE N/A  |
| C739  | IF A.1/8 AND A.18q/23b.1 THEN R ELSE N/A  |
| C740  | IF A.1/8 AND A.18q/23b.2 THEN R ELSE N/A  |
| C741  | IF A.1/8 AND A.18q/23c.1 THEN R ELSE N/A  |
| C742  | IF A.1/8 AND A.18q/23c.2 THEN R ELSE N/A  |
| C743  | IF A.1/8 AND A.18q/23d.1 THEN R ELSE N/A  |
| C744  | IF A.1/8 AND A.18q/23d.2 THEN R ELSE N/A  |
| C745  | IF A.1/8 AND A.18q/25.2 THEN R ELSE N/A   |
| C746  | IF A.1/8 AND A.18q/26.2 THEN R ELSE N/A   |
| C747  | IF A.1/8 AND A.18q/27.2 THEN R ELSE N/A   |
| C748  | IF A.1/8 AND A.18q/28.2 THEN R ELSE N/A   |
| C749  | IF A.1/8 AND A.18q/29.2 THEN R ELSE N/A   |
| C750  | IF A.1/8 AND A.18q/30.2 THEN R ELSE N/A   |
| C751  | IF A.1/8 AND A.18q/31.2 THEN R ELSE N/A   |
| C752  | IF A.1/8 AND A.18q/32.2 THEN R ELSE N/A   |
| C753  | IF A.1/8 AND A.18q/33.2 THEN R ELSE N/A   |
| C754  | IF A.1/8 AND A.18q/34.2 THEN R ELSE N/A   |
| C755  | IF A.1/8 AND A.18q/35.2 THEN R ELSE N/A   |
| C756  | IF A.1/3 AND A.18b/10 AND A.18k/1 AND (A.18b.1a/10 OR A.18b.1a/11 OR A.18b.1a/12) THEN R ELSE N/A |
| C757  | IF A.1/3 AND A.18b/10 AND A.18k/1 AND (A.18b.1a/13 OR A.18b.1a/14 OR A.18b.1a/15) THEN R ELSE N/A |
| C758  | IF A.1/3 AND ( A.18b/23 or A.18b/24 ) THEN R ELSE N/A   |
| C759  | IF A.1/1 AND A.20/78 AND A.20/82 THEN R ELSE N/A  |
| C760  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.20/78 AND A.20/82 THEN R ELSE N/A                              |
| C761  | Void  |
| C762  | IF A.1/1 AND A.18a/25 AND A.18a/26 AND A.18a/37 THEN R ELSE N/A                                   |
| C763  | IF A.1/3 AND A.18b/20 AND A.18k/2 THEN R ELSE N/A   |
| C764  | IF A.1/3 AND A.18b/20 AND A.18k/20 THEN R ELSE N/A  |
| C765  | Void  |
| C766  | Void  |
| C767  | Void  |
| C768  | Void  |
| C769  | Void  |
| C770  | Void  |
| C771  | Void  |
| C772  | Void  |
| C773  | Void  |
| C774  | Void  |
| C775  | Void  |
| C776  | Void  |

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| C777  | Void   |
| C778  | Void   |
| C779  | Void   |
| C780  | Void   |
| C781  | IF A.1/3 AND A.18b/23 AND A.18k/3 THEN R ELSE N/A  |
| C782  | IF A.1/1 AND A.10/14 AND A.10/17 THEN R ELSE N/A   |
| C783  | IF A.1/1 AND A.1/4 AND A.10/12 THEN R ELSE N/A   |
| C784  | IF A.1/1 AND (A.18a.1a/13 OR A.18a.1a/14 OR A.18a.1a/17 OR A.18a.1a/18) THEN R ELSE N/A  |
| C785  | IF A.1/1 AND (A.18a.1a/15 OR A.18a.1a/16 OR A.18a.1a/17 OR A.18a.1a/18 OR A.18a.1a/19 OR A.18a.1a/20) THEN R ELSE N/A                          |
| C786  | IF A.1/3 AND A.3/2 AND A.16/12 THEN R ELSE N/A   |
| C787  | IF A.1/3 AND ((A.3/1 AND A.20/81) OR A.3/2) AND A.16/12 THEN R ELSE N/A  |
| C788  | IF A.1/1 AND (A.10/12 AND A.10/21) THEN R ELSE N/A   |
| C789  | IF A.1/1 AND (A.10/12 AND (A.10/21 AND A.10/20)) THEN R ELSE N/A   |
| C790  | Void   |
| C791  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1c/25 OR A.18a.1c/26 OR A.18a.1c/27 OR A.18a.1c/28) THEN R ELSE N/A                             |
| C791a | IF A.1/1 AND A.18a/46 AND (A.18a/22 OR A.18a/31) AND (A.18a.1c/25 OR A.18a.1c/26 OR A.18a.1c/27 OR A.18a.1c/28) THEN R ELSE N/A                |
| C792  | Void   |
| C793  | IF A.1/3 AND A.18b/10 AND A.16/12 THEN R ELSE N/A  |
| C794  | Void   |
| C795  | Void   |
| C796  | Void   |
| C797  | Void   |
| C798  | Void   |
| C799  | Void   |
| C800  | Void   |
| C801  | Void   |
| C802  | Void   |
| C803  | Void   |
| C804  | Void   |
| C805  | Void   |
| C806  | IF A.2/7 AND A.10/22 THEN R ELSE N/A   |
| C807  | Void   |
| C808  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1c/27 OR A.18a.1c/28) THEN R ELSE N/A   |
| C808a | IF A.1/1 AND A.18a/46 AND (A.18a/22 OR A.18a/31) AND (A.18a.1c/27 OR A.18a.1c/28) THEN R ELSE N/A  |
| C809  | IF A.1/1 AND (A.10/12 AND A.10/23) THEN R ELSE N/A   |
| C810  | Void   |
| C811  | IF A.1/1 AND ((A.3/1 AND A.20/81) OR A.3/2) AND (A.10/12 AND A.10/21) THEN R ELSE N/A  |
| C812  | IF A.1/1 AND A.10/23 THEN R ELSE N/A   |
| C813  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1a/15 OR A.18a.1a/16 OR A.18a.1a/17 OR A.18a.1a/18) AND (A.1/4 AND [52] A.2/41) THEN R ELSE N/A |
| C814  | IF A.1/1 AND A.18a/46 AND (A.18a/22 OR A.18a/31) AND A.18a/40 THEN R ELSE N/A  |
| C815  | IF A.1/1 AND A.18a/46 AND (A.18a/22 OR A.18a/31) AND A.18a/40 AND (A.18a.1b/23 OR A.18a.1b/24) THEN R ELSE N/A                                 |
| C816  | IF A.10/24 AND A.10/25 THEN R ELSE N/A   |
| C817  | IF A.10/24 THEN R ELSE N/A   |
| C818  | Void   |
| C819  | IF A.1/3 AND A.18b/10 AND A.18b/25 THEN R ELSE N/A   |
| C820  | IF A.1/3 AND A.18b/10 AND A.18b/19 AND A.18b/25 THEN R ELSE N/A  |
| C821  | IF A.1/1 AND A.20/38 THEN R ELSE N/A   |
| C822  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND A.18a/40 AND (A.18a.2b/1 OR A.18a.2b/2) THEN R ELSE N/A  |
| C822a | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND A.18a/40 AND A.18a.2b/2 THEN R ELSE N/A  |
| C823  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND A.18a/40 AND (A.18a.1b/23 OR A.18a.1b/24) AND (A.18a.2b/1 OR A.18a.2b/2) THEN R ELSE N/A               |
| C824  | Void   |
| C825  | Void   |
| C826  | IF A.1/1 AND ((A.10/12 AND A.10/23) AND A.10/26) THEN R ELSE N/A   |
| C827  | IF A.3/2 AND A.6/4 AND A.20/43 THEN R ELSE N/A   |
| C828  | IF (A.1/1 AND A.3/2) AND (A.1/4 AND [52] A.2/41) THEN R ELSE N/A   |
| C829  | IF A.1/1 AND A.3/2 AND A.10/27 THEN R ELSE N/A   |
| C829a | IF (A.1/2 OR A.1/3 OR A.1/8 OR A.1/9 OR A.1/10) AND A.3/2 AND A.10/27 THEN R ELSE N/A  |
| C829b | IF A.1/1 AND A.1/4 AND A.3/2 AND A.10/27 THEN R ELSE N/A   |
| C829c | IF (A.1/2 OR A.1/3 OR A.1/8 OR A.1/9 OR A.1/10) AND A.3/2 AND A.1/4 AND A.10/27 THEN R ELSE N/A  |
| C830  | IF A.1/1 AND A.3/2 AND A.10/28 THEN R ELSE N/A   |

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| C830a | IF A.1/1 AND A.3/2 AND A.10/29 THEN R ELSE N/A  |
| C831  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/28 THEN R ELSE N/A  |
| C831a | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/29 THEN R ELSE N/A  |
| C832  | Void  |
| C833  | IF A.1/1 AND A.3/2 AND A.10/28 AND A.3/3 AND (A.2/1 OR A.3/4) THEN R ELSE N/A   |
| C834  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/28 AND A.3/3 AND (A.2/1 OR A.3/4) THEN R ELSE N/A   |
| C835  | IF A.1/1 AND A.3/2 AND A.10/30 THEN R ELSE N/A  |
| C836  | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.3/2 AND A.10/30 THEN R ELSE N/A  |
| C837  | Void  |
| C837a | Void  |
| C838  | IF A.20/85 THEN R ELSE N/A  |
| C838a | IF A.20/85 AND A.8a/4 THEN R ELSE N/A   |
| C839  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND A.18a/40 AND A.18a/25 AND A.18a/26 THEN R ELSE N/A  |
| C840  | IF A.1/3 AND A.18b/10 AND A.16/12 AND A.18b/26 THEN R ELSE N/A  |
| C841  | IF A.1/3 AND A.18b/10 AND A.18b/26 THEN R ELSE N/A  |
| C842  | IF A.1/3 AND A.18b/10 AND A.18b/14 AND A.18b/26 THEN R ELSE N/A   |
| C843  | IF A.1/3 AND A.18b/14 AND A.16/12 THEN R ELSE N/A   |
| C844  | IF A.1/3 AND A.18b/10 AND A.18j/5 AND A.18b/26 THEN R ELSE N/A  |
| C845  | Void  |
| C846  | IF A.1/3 AND A.18b/10 AND A.18j/5 AND A.16/12 AND A.18b/26 THEN R ELSE N/A  |
| C847  | IF C846 THEN O ELSE (IF A.1/3 AND A.18b/10 AND A.18j/4 AND A.16/12 AND A.18b/26 THEN R ELSE N/A)  |
| C848  | IF A.1/3 AND A.18b/26 THEN R ELSE N/A   |
| C849  | IF A.1/4 AND A.20/85 THEN R ELSE N/A  |
| C850  | IF A.1/13 AND A.20/85 THEN R ELSE N/A   |
| C851  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/29 OR A.18a.1d/30 OR A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/52) THEN R ELSE N/A             |
| C851a | IF A.1/1 AND (A.18a.1d/29 OR A.18a.1d/30 OR A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/52) THEN R ELSE N/A  |
| C852  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/30 OR A.18a.1d/32) AND (A.18a/52) THEN R ELSE N/A   |
| C852a | IF A.1/1 AND (A.18a.1d/30 OR A.18a.1d/32) AND (A.18a/52) THEN R ELSE N/A  |
| C853  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/29 OR A.18a.1d/30 OR A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/53 OR A.18a/54) THEN R ELSE N/A |
| C854  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/30 OR A.18a.1d/32) AND (A.18a/53 OR A.18a/54) THEN R ELSE N/A                               |
| C855  | IF A.1/1 AND A.10/12 AND A.10/20 THEN R ELSE N/A  |
| C856  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/32) AND (A.18a/55) THEN R ELSE N/A  |
| C857  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/32) AND (A.18a/57) THEN R ELSE N/A  |
| C858  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/30 OR A.18a.1d/32) AND (A.18a/53) THEN R ELSE N/A   |
| C859  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/30 OR A.18a.1d/32) AND (A.18a/54) THEN R ELSE N/A   |
| C860  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/29 OR A.18a.1d/30 OR A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/53) THEN R ELSE N/A             |
| C860a | IF A.1/1 AND (A.18a.1d/29 OR A.18a.1d/30 OR A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/53) THEN R ELSE N/A  |
| C861  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/29 OR A.18a.1d/30 OR A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/54) THEN R ELSE N/A             |
| C861a | IF A.1/1 AND (A.18a.1d/29 OR A.18a.1d/30 OR A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/54) THEN R ELSE N/A  |
| C862  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/55) THEN R ELSE N/A   |
| C862a | IF A.1/1 AND (A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/55) THEN R ELSE N/A  |
| C863  | IF A.1/1 AND (A.18a/22 OR A.18a/31) AND (A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/57) THEN R ELSE N/A   |
| C863a | IF A.1/1 AND (A.18a.1d/31 OR A.18a.1d/32) AND (A.18a/57) THEN R ELSE N/A  |
| C864  | IF A.3/1 AND A.10/31 THEN R ELSE N/A  |
| C865  | IF A.3/1 AND A.10/32 THEN R ELSE N/A  |
| C866  | IF A.3/2 AND A.10/33 THEN R ELSE N/A  |
| C867  | IF A.3/2 AND A.10/34 THEN R ELSE N/A  |
| C868  | IF A.3/2 AND A.10/31 THEN R ELSE N/A  |
| C869  | IF A.1/3 AND A.1/4 AND A.3/2 THEN R ELSE N/A  |
| C870  | IF A.1/1 AND A.18a/29 AND (NOT A.20/86) THEN R ELSE N/A   |
| C871  | IF A.1/1 AND A.18a/29 AND A.20/86 THEN R ELSE N/A   |
| C872  | IF A.20/87 THEN R ELSE N/A  |
| C872a | IF A.20/87 AND A.8a/4 THEN R ELSE N/A   |

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| C873    | IF A.1/4 AND A.20/87 THEN R ELSE N/A   |
| C874    | IF A.1/13 AND A.20/87 THEN R ELSE N/A  |
| C875    | IF A.3/1 AND A.10/31 AND A.10/35 THEN R ELSE N/A   |
| C876    | IF A.3/2 AND A.10/31 AND A.10/36 THEN R ELSE N/A   |
| C877    | IF A.1/1 AND A.18a/29 AND A.18a/22 THEN R ELSE N/A   |
| C878    | IF A.3/2 AND A.10/31 AND A.10/37 THEN R ELSE N/A   |
| C879    | IF A.3/3 AND A.10/38 THEN R ELSE N/A   |
| C880    | IF A.1/3 AND A.18b/10 AND (A.18b.1a/10 OR A.18b.1a/11 OR A.18b.1a/12 OR A.18b.1a/13 OR A.18b.1a/14 OR A.18b.1a/15) THEN R ELSE N/A |
| C881    | IF A.1/1 AND A.3/1 AND ([56]A.4.4-1/93 OR [56]A.4.4-1/15 OR [56]A.4.4-1/14)  |
| C882    | IF A.1/1 AND A.3/2 AND ([56]A.4.4-1/93 OR [56]A.4.4-1/15 OR [56]A.4.4-1/14)  |
| C883    | IF A.1/1 AND A.3/2 AND ([56]A.4.4-1/13 OR [56]A.4.4-1/12)  |
| C884    | IF A.1/1 AND A.3/2 AND ([56]A.4.4-1/93 OR [56]A.4.4-1/12 OR [56]A.4.4-1/13 OR [56]A.4.4-1/14 OR [56]A.4.4-1/15)                    |
| C885    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.20/5 AND A.7/2 THEN R ELSE N/A  |
| C886    | Void   |
| C887    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.20/4 AND A.7/3 THEN R ELSE N/A  |
| C888    | IF A.1/1 AND A.2/1 AND A.3/1 AND (A.7/17 OR A.7/18 OR A.7/19 OR A.7/20 OR A.7/21) THEN R ELSE N/A                                  |
| C889    | IF A.1/1 AND (A.7/17 OR A.7/18 OR A.7/19 OR A.7/20 OR A.7/21) THEN R ELSE N/A  |
| C890    | IF A.1/1 AND A.2/1 AND A.3/1 AND (A.7/17 OR A.7/21) THEN R ELSE N/A  |
| C891    | IF A.1/1 AND A.2/1 AND A.3/1 THEN R ELSE N/A   |
| C892    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.7/22 THEN R ELSE N/A  |
| C893    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.7/11 THEN R ELSE N/A  |
| C894    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.7/12 THEN R ELSE N/A  |
| C895    | IF A.1/1 AND A.3/1 AND A.7/35 THEN R ELSE N/A  |
| C896    | IF A.7/35 AND A.20/4 AND A.1/1 AND A.3/1 AND A.2/1 THEN R ELSE N/A   |
| C897    | IF A.1/1 AND A.2/1 AND A.3/1 AND (A.7/8 OR A.7/6) THEN R ELSE N/A  |
| C898    | IF A.1/1 AND A.2/1 AND A.3/1 AND (A.7/7 OR A.7/9) THEN R ELSE N/A  |
| C899    | IF A.1/1 AND A.2/1 AND A.3/1 AND (A.7/7 OR A.7/6) THEN R ELSE N/A  |
| C900    | IF A.1/1 AND A.2/1 AND A.3/1 AND (A.7/7 OR A.7/8) THEN R ELSE N/A  |
| C901    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.20/5 AND A.7/26 THEN R ELSE N/A   |
| C902    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.20/4 AND A.7/26 THEN R ELSE N/A   |
| C903    | IF A.20/88 THEN R ELSE N/A   |
| C904    | IF A.20/88 AND A.3/1 THEN R ELSE N/A   |
| C905    | IF A.20/88 AND A.3/2 THEN R ELSE N/A   |
| C906    | Void   |
| C907    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.7/10 THEN R ELSE N/A  |
| C908    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.7/10 AND A.7/11 THEN R ELSE N/A   |
| C910    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.7/18 THEN R ELSE N/A  |
| C911    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.7/20 THEN R ELSE N/A  |
| C912    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.7/19 THEN R ELSE N/A  |
| C913    | IF A.1/1 AND A.2/1 AND A.3/1 AND A.20/5 AND A.7/35 THEN R ELSE N/A   |
| C914    | IF A.1/1 AND A.18a/58 AND A.18a/59 THEN R ELSE N/A   |
| C915    | IF A.1/1 AND A.18a/58 AND A.18a/60 THEN R ELSE N/A   |
| C916    | IF A.1/1 AND A.18a/58 AND A.18a/61 THEN R ELSE N/A   |
| C917    | IF A.1/1 AND A.18a/66 THEN R ELSE N/A  |
| C918    | IF A.1/1 AND A.18a/67 THEN R ELSE N/A  |
| C919    | IF A.1/1 AND A.10/40 AND A.20/7 THEN R ELSE N/A  |
| C920    | IF (A.1/2 OR A.1/3 OR A.1/8) AND A.10/40 AND A.20/7 THEN R ELSE N/A  |
| C921    | IF A.1/1 AND A.10/40 AND A.10/41 AND A.20/7 THEN R ELSE N/A  |
| C922    | IF A.3/2 AND A.10/42 THEN R ELSE N/A   |
| C923    | IF A.1/1 AND A.3/2 AND A.20/89 THEN R ELSE N/A   |
| C924    | IF A.2/2 AND A.20/90 THEN R ELSE N/A   |
| NOTE 1: | A reference to and item in TS 36.523-2 is preceded with the normative reference [56]   |
| NOTE 2: | eCall is a Rel-8 feature but conformance testing of early implementations of eCall shall be tested if supported in Rel-7 UEs.      |



---

# Annex A (normative): ICS proforma for 3<sup>rd</sup> Generation User Equipment

|   |
|---|
| Notwithstanding the provisions of the copyright related to the text of the present document, The Organizational Partners of 3GPP grant that users of the present document may freely reproduce the ICS proforma in this annex so that it can be used for its intended purposes and may further publish the completed ICS. |
|---|

---

## A.1 Guidance for completing the ICS proforma

### A.1.1 Purposes and structure

The purpose of this ICS proforma is to provide a mechanism whereby a supplier of an implementation of the requirements defined in relevant specifications may provide information about the implementation in a standardised manner.

The ICS proforma is subdivided into clauses for the following categories of information:

- instructions for completing the ICS proforma;
- identification of the implementation;
- identification of the protocol;
- ICS proforma tables (for example: UE implementation types, Teleservices, etc).

### A.1.2 Abbreviations and conventions

The ICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7.

#### Item column

The item column contains a number which identifies the item in the table.

#### Item description column

The item description column describes in free text each respective item (e.g. parameters, timers, etc.). It implicitly means "is <item description> supported by the implementation?".

#### Reference column

The reference column gives reference to the relevant 3GPP core specifications.

#### Release column

The release column indicates the earliest release from which the capability or option is relevant.

#### Mnemonic column

The Mnemonic column contains mnemonic identifiers for each item.

#### Comments column

This column is left blank for particular use by the reader of the present document.

References to items

For each possible item answer (answer in the support column) within the ICS proforma there exists a unique reference, used, for example, in the conditional expressions. It is defined as the table identifier, followed by a solidus character "/", followed by the item number in the table. If there is more than one support column in a table, the columns shall be discriminated by letters (a, b, etc.), respectively.

EXAMPLE 1: A.5/4 is the reference to the answer of item 4 in table A.5.

EXAMPLE 2: A.6/3b is the reference to the second answer (i.e. in the second support column) of item 3 in table A.6.

### A.1.3 Instructions for completing the ICS proforma

The supplier of the implementation may complete the ICS proforma in each of the spaces provided. More detailed instructions are given at the beginning of the different clauses of the ICS proforma.

---

## A.2 Identification of the User Equipment

Identification of the User Equipment should be filled in so as to provide as much detail as possible regarding version numbers and configuration options.

The product supplier information and client information should both be filled in if they are different.

A person who can answer queries regarding information supplied in the ICS should be named as the contact person.

### A.2.1 Date of the statement

.....

### A.2.2 User Equipment Under Test (UEUT) identification

UEUT name:

.....

.....

Hardware configuration:

.....

.....

.....

Software configuration:

.....

.....

.....

### A.2.3 Product supplier

Name:

.....

Address:

.....

.....

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....

.....

.....

### A.2.4 Client

Name:

.....

Address:

.....

.....

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....  
.....  
.....

## A.2.5 ICS contact person

Name:

.....

Telephone number:

.....

Facsimile number:

.....

E-mail address:

.....

Additional information:

.....  
.....

---

## A.3 Identification of the protocol

This ICS proforma applies to the 3GPP standards listed in the normative references clause of the present document.

## A.4 ICS proforma tables

### A.4.1 UE Implementation Types

Table A.1: UE Radio Technologies

| Item | UE Radio Technologies      | Ref.        | Release | Mnemonic                          | Comments |
|------|----------------------------|-------------|---------|-----------------------------------|----------|
| 1    | FDD (DS)                   | 25.101      | R99     | pc_FDD                            |          |
| 2    | TDD 3.84 Mcps              | 25.102      | R99     | pc_TDD_HCR                        |          |
| 3    | TDD 1.28 Mcps (LCR)        | 25.102      | Rel-4   | pc_TDD_LCR                        |          |
| 4    | GSM                        | 21.904, 5   | R99     | pc_UMTS_GSM                       |          |
| 5    | Void                       |             |         |                                   |          |
| 6    | Multi carrier              | 25.306, 4.7 |         | pc_SupportOfMultiCarrier          |          |
| 7    | DTM                        | 03.55       | R99     | pc_DTM                            |          |
| 8    | TDD 7.68 Mcps              | 25.102      | Rel-7   | pc_TDD_VHCR                       |          |
| 9    | TDD 3.84 Mcps receive only | 25.102      | Rel-7   | pc_TDD_HCR_Rx_only                |          |
| 10   | TDD 7.68 Mcps receive only | 25.102      | Rel-7   | pc_TDD_VHCR_Rx_only               |          |
| 11   | 3.84 Mcps TDD IMB          | 25.102      | Rel-8   | pc_IMB                            |          |
| 12   | Priority based reselection | 25.331      | Rel-8   | pc_SupportOf_Priority_Reselection |          |
| 13   | E-UTRA                     | 36.331      | Rel-8   | pc_EUTRA                          |          |

### A.4.2 UE Service Capabilities

#### A.4.2.1 3GPP Standardised UE Service Capabilities

##### A.4.2.1.1 Teleservices

Table A.2: Teleservices

| Item | Teleservices                              | Ref.                             | Release | Mnemonic              | Comments  |
|------|---|----------------------------------|---------|-----------------------|-----------|
| 1    | Narrow band speech (AMR)                  | 22.105, 6.4.1                    | R99     | pc_Speech             | Telephony |
| 2    | Emergency call                            | 22.105, 6.4.2                    | R99     | pc_EmergSpeech        |           |
| 3    | Short Message Service (SMS)<br>MT over CS | 22.105, 6.4.3<br>22.003, A.1.3.1 | R99     | pc_SMS_CS_MT          |           |
| 4    | Short Message Service (SMS)<br>MO over CS | 22.105, 6.4.3<br>22.003, A.1.3.2 | R99     | pc_SMS_CS_MO          |           |
| 5    | Short Message Service (SMS)<br>MT over PS | 22.105, 6.4.3<br>22.003, A.1.3.1 | R99     | pc_SMS_PS_MT          |           |
| 6    | Short Message Service (SMS)<br>MO over PS | 22.105, 6.4.3<br>22.003, A.1.3.2 | R99     | pc_SMS_PS_MO          |           |
| 7    | Cell Broadcast Service (CBS)              | 22.105, 6.4.4                    | R99     | pc_SMS_CellBroadcast  |           |
| 8    | Wide band speech<br>(UMTS_AMR-WB)         | 26.103, 5.7                      | Rel-5   | pc_UMTS_AMR_WB_Speech |           |
| 9    | ETWS Service (ETWS)                       |                                  | Rel-8   | pc_UMTS_ETWS          |           |

## A.4.2.1.2 Bearer Services

Table A.3: Definition of Bearer Services

| Item | Definition of Bearer Services                                | Ref.                  | Release | Mnemonic          | Comments |
|------|--|-----------------------|---------|-------------------|----------|
| 1    | Circuit Switched   | 22.105, 5.1<br>22.002 | R99     | pc_CS             |          |
| 2    | Packet Switched  | 22.105, 5.1<br>22.060 | R99     | pc_PS             |          |
| 3    | UE supports UE operation mode A:<br>PS and CS simultaneously |                       | R99     | pc_SupportOpModeA |          |
| 4    | Circuit Switched Transparent Data                            | 22.002, 3             | R99     | pc_CS_T_data      |          |

Table A.4: Asynchronous General Bearer Services

| Item | Asynchronous General Bearer Services  | Ref.          | Release | Mnemonic                   | Comments |
|------|---------------------------------------|---------------|---------|----------------------------|----------|
| 1    | 3,1 kHz Audio 9 600 bit/s             | 22.002, 3.1.1 | R99     | pc_Async31kHz_9600         |          |
| 2    | 3,1 kHz Audio 14 400 bit/s            | 22.002, 3.1.1 | R99     | pc_Async31kHz_14400        |          |
| 3    | 3,1 kHz Audio 19 200 bit/s            | 22.002, 3.1.1 | R99     | pc_Async31kHz_19200        |          |
| 4    | 3,1 kHz Audio 28 800 bit/s            | 22.002, 3.1.1 | R99     | pc_Async31kHz_28800        |          |
| 5    | 3,1 KHz Audio Modem<br>AutoBauding1   | 22.002, 3.1.1 | R99     | pc_Async31kHz_AutoBauding1 |          |
| 6    | V.110 UDI 9 600 bit/s                 | 22.002, 3.1.2 | R99     | pc_AsyncV110_9600          |          |
| 7    | V.110 UDI 14 400 bit/s                | 22.002, 3.1.2 | R99     | pc_AsyncV110_14400         |          |
| 8    | V.110 UDI 19 200 bit/s                | 22.002, 3.1.2 | R99     | pc_AsyncV110_19200         |          |
| 9    | V.110 UDI 28 800 bit/s                | 22.002, 3.1.2 | R99     | pc_AsyncV110_28800         |          |
| 10   | V.110 UDI 38 400 bit/s                | 22.002, 3.1.2 | R99     | pc_AsyncV110_38400         |          |
| 11   | V.120 9 600 bit/s                     | 22.002, 3.1.4 | R99     | pc_AsyncV120_9600          |          |
| 12   | V.120 14 400 bit/s                    | 22.002, 3.1.4 | R99     | pc_AsyncV120_14400         |          |
| 13   | V.120 19 200 bit/s                    | 22.002, 3.1.4 | R99     | pc_AsyncV120_19200         |          |
| 14   | V.120 28 800 bit/s                    | 22.002, 3.1.4 | R99     | pc_AsyncV120_28800         |          |
| 15   | V.120 38 400 bit/s                    | 22.002, 3.1.4 | R99     | pc_AsyncV120_38400         |          |
| 16   | V.120 48 000 bit/s                    | 22.002, 3.1.4 | R99     | pc_AsyncV120_48000         |          |
| 17   | V.120 56 000 bit/s                    | 22.002, 3.1.4 | R99     | pc_AsyncV120_56000         |          |
| 18   | PIAFS 32 000 bit/s                    | 22.002, 3.1.6 | R99     | pc_AsyncPIAFS_32000        |          |
| 19   | PIAFS 64 000 bit/s                    | 22.002, 3.1.6 | R99     | pc_AsyncPIAFS_64000        |          |
| 20   | Frame Tunnelling Mode 56<br>000 bit/s | 22.002, 3.1.7 | R99     | pc_AsyncFTM_56000          |          |
| 21   | Frame Tunnelling Mode 64<br>000 bit/s | 22.002, 3.1.7 | R99     | pc_AsyncFTM_64000          |          |

NOTE: The rates in the table refer to FNUR (Fixed Network User Rate).

Table A.5: Synchronous General Bearer Services

| Item | Synchronous General Bearer Services | Ref.          | Release | Mnemonic                | Comments |
|------|-------------------------------------|---------------|---------|-------------------------|----------|
| 1    | 3,1 kHz Audio 9 600 bit/s           | 22.002, 3.1.1 | R99     | pc_Sync31kHz_9600       |          |
| 2    | 3,1 kHz Audio 14 400 bit/s          | 22.002, 3.1.1 | R99     | pc_Sync31kHz_14400      |          |
| 3    | 3,1 kHz Audio 19 200 bit/s          | 22.002, 3.1.1 | R99     | pc_Sync31kHz_19200      |          |
| 4    | 3,1 kHz Audio 28 800 bit/s          | 22.002, 3.1.1 | R99     | pc_Sync31kHz_28800      |          |
| 5    | V.110 UDI 28 800 bit/s              | 22.002, 3.1.2 | R99     | pc_SyncV110_28800       |          |
| 6    | V.110 UDI 48 000 bit/s              | 22.002, 3.1.2 | R99     | pc_SyncV110_48000       |          |
| 7    | V.110 UDI 56 000 bit/s              | 22.002, 3.1.2 | R99     | pc_SyncV110_56000       |          |
| 8    | X.31 Flag Stuffing UDI 9 600 bit/s  | 22.002, 3.1.3 | R99     | pc_SyncX31_9600         |          |
| 9    | X.31 Flag Stuffing UDI 14 400 bit/s | 22.002, 3.1.3 | R99     | pc_SyncX31_14400        |          |
| 10   | X.31 Flag Stuffing UDI 19 200 bit/s | 22.002, 3.1.3 | R99     | pc_SyncX31_19200        |          |
| 11   | X.31 Flag Stuffing UDI 28 800 bit/s | 22.002, 3.1.3 | R99     | pc_SyncX31_28800        |          |
| 12   | X.31 Flag Stuffing UDI 38 400 bit/s | 22.002, 3.1.3 | R99     | pc_SyncX31_38400        |          |
| 13   | X.31 Flag Stuffing UDI 48 000 bit/s | 22.002, 3.1.3 | R99     | pc_SyncX31_48000        |          |
| 14   | X.31 Flag Stuffing UDI 56 000 bit/s | 22.002, 3.1.3 | R99     | pc_SyncX31_56000        |          |
| 15   | V.120 9 600 bit/s                   | 22.002, 3.1.4 | R99     | pc_SyncV120_9600        |          |
| 16   | V.120 14 400 bit/s                  | 22.002, 3.1.4 | R99     | pc_SyncV120_14400       |          |
| 17   | V.120 19 200 bit/s                  | 22.002, 3.1.4 | R99     | pc_SyncV120_19200       |          |
| 18   | V.120 28 800 bit/s                  | 22.002, 3.1.4 | R99     | pc_SyncV120_28800       |          |
| 19   | V.120 38 400 bit/s                  | 22.002, 3.1.4 | R99     | pc_SyncV120_38400       |          |
| 20   | V.120 48 000 bit/s                  | 22.002, 3.1.4 | R99     | pc_SyncV120_48000       |          |
| 21   | V.120 56 000 bit/s                  | 22.002, 3.1.4 | R99     | pc_SyncV120_56000       |          |
| 22   | Bit Transparent mode 56 000 bit/s   | 22.002, 3.1.5 | R99     | pc_SyncBTM_56000        |          |
| 23   | Bit Transparent mode 64 000 bit/s   | 22.002, 3.1.5 | R99     | pc_SyncBTM_64000        |          |
| 24   | Multimedia Call 28 800 bit/s        | 22.002, 3.1.8 | R99     | pc_SyncMmediaCall_28800 |          |
| 25   | Multimedia Call 32 000 bit/s        | 22.002, 3.1.8 | R99     | pc_SyncMmediaCall_32000 |          |
| 26   | Multimedia Call 33 600 bit/s        | 22.002, 3.1.8 | R99     | pc_SyncMmediaCall_33600 |          |
| 27   | Multimedia Call 56 000 bit/s        | 22.002, 3.1.8 | R99     | pc_SyncMmediaCall_56000 |          |
| 28   | Multimedia Call 64 000 bit/s        | 22.002, 3.1.8 | R99     | pc_SyncMmediaCall_64000 |          |

NOTE: The rates in the table refer to FNUR (Fixed Network User Rate).

Table A.6: QoS classes or traffic classes

| Item | QoS classes or traffic classes | Ref.                 | Release | Mnemonic          | Comments |
|------|--------------------------------|----------------------|---------|-------------------|----------|
| 1    | Conversational                 | 23.107, 6.3.1, 6.5.1 | R99     | pc_Conversational |          |
| 2    | Streaming                      | 23.107, 6.3.2, 6.5.1 | R99     | pc_Streaming      |          |
| 3    | Interactive                    | 23.107, 6.3.3, 6.5.1 | R99     | pc_Interactive    |          |
| 4    | Background                     | 23.107, 6.3.4, 6.5.1 | R99     | pc_Background     |          |

### A.4.2.1.3 Supplementary Services

**Table A.7: Supplementary Services**



| Item | Supplementary services   | Ref.                    | Release | Mnemonic                                   | Comments  |
|------|--|-------------------------|---------|--|---|
| 1    | Call Deflection  | 22.072; 22.004, 4       | R99     |  |   |
| 2    | Calling Line Identification Presentation   | 22.081, 1; 22.004, 4    | R99     | pc_SS_CLIP                                 |   |
| 3    | Calling Line Identification Restriction  | 22.081, 2; 22.004, 4    | R99     | pc_SS_CLIR                                 |   |
| 4    | Connected Line Identification Presentation   | 22.081, 3; 22.004, 4    | R99     |  |   |
| 5    | Connected Line Identification Restriction  | 22.081, 4; 22.004, 4    | R99     |  |   |
| 6    | Call Forwarding Unconditional  | 22.082, 1; 22.004, 4    | R99     | pc_SS_CallForwardingUnconditional          |   |
| 7    | Call Forwarding on Mobile Subscriber Busy  | 22.082, 2; 22.004, 4    | R99     | pc_SS_CallForwardingSubscriberBusy         |   |
| 8    | Call Forwarding on No Reply  | 22.082, 3; 22.004, 4    | R99     | pc_SS_CallForwardingNoReply                |   |
| 9    | Call Forwarding on Mobile Subscriber Not Reachable                                     | 22.082, 4; 22.004, 4    | R99     | pc_SS_CallForwardingSubscriberNotReachable |   |
| 10   | Call Waiting   | 22.083, 1; 22.004, 4    | R99     | pc_SS_CallWaitingSupp                      |   |
| 11   | Call Hold  | 22.083, 2;<br>22.004, 4 | R99     | pc_SS_CallHold                             |   |
| 12   | Multi Party Service  | 22.084; 22.004, 4       | R99     | pc_SS_MultiParty                           |   |
| 13   | Closed User Group  | 22.085; 22.004, 4       | R99     |  |   |
| 14   | User-to-user signalling  | 22.087; 22.004, 4       | R99     |  |   |
| 15   | Advice of Charge (Information)   | 22.086, 1; 22.004, 4    | R99     |  |   |
| 16   | Advice of Charge (Charging)  | 22.086, 2; 22.004, 4    | R99     |  |   |
| 17   | Barring of All Outgoing Calls  | 22.088, 1; 22.004, 4    | R99     | pc_SS_BAOC                                 |   |
| 18   | Barring of Outgoing International Calls  | 22.088, 1; 22.004, 4    | R99     | pc_SS_BOIC                                 |   |
| 19   | Barring of Outgoing International Calls except those directed to the Home PLMN Country | 22.088, 1; 22.004, 4    | R99     | pc_SS_BOIC_ExHC                            |   |
| 20   | Barring of All Incoming Calls  | 22.088, 2; 22.004, 4    | R99     | pc_SS_BAIC                                 |   |
| 21   | Barring of Incoming Calls when Roaming Outside the Home PLMN Country                   | 22.088, 2; 22.004, 4    | R99     | pc_SS_BIC_Roam                             |   |
| 22   | Explicit call transfer   | 22.091; 22.004, 4       | R99     | pc_SS_ExplicitCallTransfer                 |   |
| 23   | Call Completion to Busy Subscriber   | 22.093; 22.004, 4       | R99     |  |   |
| 24   | Call Completion to Busy Subscriber Request   | 22.093; 22.004, 4       | R99     |  |   |
| 25   | Follow Me  | 22.094                  | R99     |  |   |
| 26   | Calling name presentation (CNAP)   | 22.096; 22.004, 4       | R99     | pc_SS_CNAP                                 |   |
| 27   | Multiple Subscriber Profile (MSP)  | 22.097;<br>22.004, A    | R99     |  |   |
| 28   | Multicall  | 22.135;<br>22.004, 4    | R99     | pc_SS_Multicall                            |   |
| 29   | enhanced Multi-Level Precedence and Pre-emption  | 22.067;<br>22.004, 4    | R99     |  |   |
| 30   | At least one non-call related Supplementary Service supported                          |                         | R99     | pc_NonCallRelSS                            |   |
| 31   | Support of MO-LR request for assistance data   |                         |         |  | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-3/5 |
| 32   | Support of MO-LR request for a position estimate                                       |                         |         |  | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-3/6 |
| 33   | Support of MO-LR request for transfer to 3rd party                                     |                         |         |  | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-3/7 |

|   |   |                 |     |            |   |
|---|---|-----------------|-----|------------|---|
| 34  | Support of MT-LR LCS value added location request notification capability |                 |     |            | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-3/8 |
| 35  | Unstructured SS Data  | 22.030, 6.5.3.2 | R99 | pc_SS_USSD |   |
| NOTE: Test cases for features in items 1 to 30 will not be include in R99 of TS 34.123-1. |   |                 |     |            |   |

#### A.4.2.1.4 Service Capabilities

**Table A.8: Service Capabilities**

| Item  | Services Capabilities                       | Ref.   | Release | Mnemonic | Comments |
|---|---|--------|---------|----------|----------|
| 1   | Mobile station Execution Environment (MExE) | 22.057 | R99     |          |          |
| 2   | Location Service (LCS)                      | 22.071 | R99     |          |          |
| 3   | USIM Application Toolkit (USAT)             | 31.111 | R99     |          |          |
| NOTE: Test cases for these features will not be included in R99 of TS 34.123-1. |   |        |         |          |          |

**Table A.8a: UE positioning capability**

| Item | Services Capabilities                          | Ref. | Release | Mnemonic | Comments  |
|------|--|------|---------|----------|---|
| 1    | Support for IPDL                               |      |         |          | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/1 |
| 2    | Support of GPS timing of cell frames           |      |         |          | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/2 |
| 3    | UE-based OTDOA is supporting by UE             |      |         |          | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/3 |
| 4    | Standalone location method is supporting by UE |      |         |          | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/4 |
| 5    | Support of UE-Based A-GANSS                    |      |         |          | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/5 |
| 6    | Support of UE-Assisted A-GANSS                 |      |         |          | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/6 |
| 7    | Support for GLONASS                            |      |         |          | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/7 |
| 8    | Support for Modernized GPS                     |      |         |          | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/8 |
| 9    | Support for Galileo                            |      |         |          | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/9 |

A.4.2.1.5 Void

## A.4.2.2 Other UE Service Capabilities

**Table A.10: Other UE Service Capabilities**

| Item | Other UE Service Capabilities  | Ref.                           | Release | Mnemonic                           | Comments   |
|------|--|--------------------------------|---------|------------------------------------|--|
| 1    | Multimedia services ( 3G-324M)   | 26.071, 26.110, 26.111, 26.112 | R99     | pc_3G324M                          |  |
| 2    | Alternate speech/facsimile group 3                                     | 22.003, A.1.4                  | R99     | pc_AltSpeechFax_TS61               |  |
| 3    | Automatic facsimile group 3  | 22.003, A.1.5                  | R99     |                                    |  |
| 4    | MBMS broadcast services  | 22.246                         | Rel-6   | pc_MBMS_Broadcast                  |  |
| 5    | MBMS multicast services  | 22.246                         | Rel-6   | pc_MBMS_Multicast                  |  |
| 6    | IMS  | 23.228                         | Rel-5   | pc_IMS                             |  |
| 7    | Indicating whether a PLMN is present on a PLMN list stored on the USIM | 23.122, 4.4.3.1.2              | Rel-7   | pc_Indicating_PLMN_list            |  |
| 8    | Last RPLMN   | 23.122, 4.4.3.1                | Rel-7   | pc_Last_RPLMN                      |  |
| 9    | Exception to manual network selection mode at switch-on                | 23.122, 4.4.3.1                | Rel-7   | pc_Exception_ManSelectionMode      |  |
| 10   | MBMS broadcast services in MBSFN mode                                  | 25.306                         | Rel-7   | pc_MBMS_MBSFN                      |  |
| 11   | NW selection mode at switch-on   | 23.122, 4.4.3.1                | Rel-7   | pc_NWSelectionMode_SwitchOn        |  |
| 12   | CSG Support  | 25.304                         | Rel-8   | pc_CSG                             |  |
| 13   | MBMS broadcast services in MBSFN IMB                                   | 25.306                         | Rel-8   | pc_MBMS_IMB                        |  |
| 14   | eCall Only Support on the USIM   | 24.008, 4.2.1.1                | Rel-8   | pc_eCallOnly                       | UEs that contain USIM with subscription for eCall only service are identified as eCall Only capable UE.  |
| 15   | eCall Capable Support on the USIM                                      | 24.008                         | Rel-8   | pc_eCallCapable                    | UEs that contain USIM with subscription for eCall and other services are identified as eCall Capable UE. |
| 16   | Capability to Initiate Manual eCall                                    | 24.008                         | Rel-8   | pc_eCall_manual_Initiated          | UE providing a means to trigger a manual call  |
| 17   | Capability to Initiate Automatic eCall                                 | 24.008                         | Rel-8   | pc_eCall_automatic_Initiated       | UE providing a means to trigger a automatic call   |
| 18   | Capability to trigger a reconfiguration eCall                          | 24.008                         | Rel-8   | pc_eCall_Reconfiguration_Call      | UE providing a means to trigger a reconfiguration eCall  |
| 19   | Capability to trigger a Test eCall                                     | 24.008                         | Rel-8   | pc_eCall_Test_Call                 | UE providing a means to trigger a Test eCall   |
| 20   | Capability to Support of inter-frequency CSG Proximity Indication      | 25.331 10.3.3.8a               | Rel-9   | pc_Indicating_CSG_Proximity_InterF |  |
| 21   | Capability to Support of inter-frequency SI acquisition for HO         | 25.331 10.3.3.21c              | Rel-9   | pc_Acquiring_InterF_SI             |  |
| 22   | Support of Cell Broadcast Service Discontinuous Reception (DRX)        | 23.041, 8 25.324, 10.1         | R99     | pc_SMS_CellBroadcast_DRX           |  |

|    |  |                                   |        |  |  |
|----|--|-----------------------------------|--------|--|--|
| 23 | Capability to Support of intra-frequency SI acquisition for HO   | 25.331<br>10.3.3.21c              | Rel-9  | pc_Acquiring_IntraF_SI                   |  |
| 24 | IMS emergency services   | 24.229,<br>5.1.6                  | Rel-9  | pc_IMS_EmergSrv                          |  |
| 25 | Capability to establish the emergency call using the CS domain if the attach request for emergency bearer services was not accepted by the network   | 24.008,<br>4.7.3.1.4a             | Rel-9  | pc_UsingCSDomain_Em                      |  |
| 26 | Capability to Support of intra-frequency CSG Proximity Indication  | 25.331<br>10.3.3.8a               | Rel-9  | pc_Indicating_CSG_Proximity_IntraF       |  |
| 27 | Support of UTRAN ANR   | 25.306,<br>4.15                   | Rel-10 | pc_UTRAN_ANR                             |  |
| 28 | Support transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in cell_DCH   | 25.331,<br>8.1.14.2               | Rel-8  | ps_UE_Req_PSDataSessionE<br>nd_cell_DCH  |  |
| 29 | Support transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in cell_FACH  | 25.331,<br>8.1.14.2               | Rel-8  | ps_UE_Req_PSDataSessionE<br>nd_cell_FACH |  |
| 30 | Support transmitting Signalling Connection Release Indication with IE "Signalling Connection Release Indication Cause" set to "UE Requested PS Data session end" in CELL_PCH when DRX cycle length in use is equal to or longer than the shorter CN domain specific DRX cycle length for the PS domain and CS domain | 25.331,<br>8.1.14.2               | Rel-8  | ps_UE_Req_PSDataSessionE<br>nd_cell_PCH  |  |
| 31 | Support of Low Access Priority indication  | 24.008 1.8                        | Rel-10 | pc_LAP                                   |  |
| 32 | Support of MinimumPeriodicSearchTimer  | 23.122,<br>4.4.3.3                | Rel-10 | pc_MinimumPeriodicSearchTi<br>mer        |  |
| 33 | Support of the extended NMO I system information   | 24.008,<br>4.1.1.4.2              | Rel-10 | pc_NMO_I_Behaviour                       |  |
| 34 | Support of AttachWithIMSI  | 24.008,<br>4.7.3.1 and<br>4.4.4.1 | Rel-10 | pc_AttachWithIMSI                        |  |
| 35 | Support of T3212 extended value IE   | 24.008,<br>4.4.2                  | Rel-10 | pc_T3212Extended                         |  |
| 36 | Support of T3312 extended value IE   | 24.008,<br>4.7.2.2 and<br>4.7.5.1 | Rel-10 | pc_T3312Extended                         |  |
| 37 | Support of Low Access Priority Override  | 24.008,<br>1.8                    | Rel-11 | pc_LAP_override                          |  |
| 38 | Support of SMS-only service  | 24.008,<br>2.1.2 and<br>4.1.1.2.2 | Rel-11 | pc_SMS_Only                              |  |
| 39 | Support of GPRS services only  | 24.008,<br>4.1.1.2.2              | Rel-11 | pc_GPRS_only                             |  |

|    |   |                               |        |                         |  |
|----|---|-------------------------------|--------|-------------------------|--|
| 40 | Supports WLAN, supports Offload to/from WLAN and supports S2b | 25.304, 5.6.2, 24.302, 6.10.4 | Rel-12 | pc_UTRAN_WLAN_offload   |  |
| 41 | Supports of ANDSF and RAN rules co-existence                  | 25.304, 5.6.2, 24.302, 6.10.2 | Rel-12 | pc_ANDSF_RAN_Rules_Co   |  |
| 42 | Support of Power Saving Mode                                  | 24.008, 4.7.2.9               | Rel-12 | pc_PSM                  |  |
| 43 | Support of NAS Congestion control for CS services             | 24.008, 4.4.4.7 and 4.4.4.9   | Rel-10 | pc_CS_CongestionControl | CS Congestion control is Rel-10 feature and may be implemented by Rel-9 UE |

## A.4.3 Baseline Implementation Capabilities

Table A.11: Void

### A.4.3.1 Baseline Implementation Capabilities to facilitate Conformance testing

Table A.12: Reference Measurement Channels

| Item | Reference Measurement Channels                                       | Ref.           | Release | Mnemonic | Comments |
|------|--|----------------|---------|----------|----------|
| 1    | Up-link reference measurement channel<br>12.2 kbps (FDD)             | 25.101 A.2.1   | R99     |          |          |
| 2    | Down-link reference measurement channel<br>12.2 kbps (FDD)           | 25.101 A.3.1   | R99     |          |          |
| 3    | Up-link reference measurement<br>channel12.2 kbps (TDD)              | 25.102 A.2.1   | R99     |          |          |
| 4    | Down-link reference measurement channel<br>12.2 kbps (TDD)           | 25.102 A.2.2   | R99     |          |          |
| 5    | Up-link reference measurement<br>channel12.2 kbps (1.28 Mcps TDD)    | 25.102 A.2.1.2 | Rel-4   |          |          |
| 6    | Down-link reference measurement channel<br>12.2 kbps (1.28 Mcps TDD) | 25.102 A.2.2.2 | Rel-4   |          |          |
| 7    | Up-link reference measurement<br>channel12.2 kbps (7.68Mcps TDD)     | 25.102 A.2.1.3 | Rel-7   |          |          |
| 8    | Down-link reference measurement channel<br>12.2 kbps (7.68 Mcps TDD) | 25.102 A.2.2.3 | Rel-7   |          |          |

Table A.13: Special Conformance Testing Functions

| Item | Special Conformance Testing Functions  | Ref.                               | Release | Mnemonic                        | Comments  |
|------|--|------------------------------------|---------|---------------------------------|---|
| 1    | UE test loop   | 34.109, 5.3                        | R99     |                                 |   |
| 2    | Support of UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets) | 34.109, 6.2<br>24.108,<br>10.5.6.5 | R99     |                                 |   |
| 3    | Support of UE test loop mode 4   | 34.109, 6.2                        | Rel-7   | pc_TestLoopMode4                | Rel-7: UE test loop mode 4 is optional for Rel-7 UE.<br>Rel-8: UE test loop mode 4 is optional for Rel-8 UE supporting E-UTRA. For Rel-8 UE not supporting E-UTRA then UE test loop mode 4 is mandatory for UE supporting network initiated secondary PDP context.<br>Rel-9 or later releases: UE test loop mode 4 is mandatory for UEs supporting network initiated secondary PDP context. |
| 4    | Update UE Location Information   | 34.109, 5.4.2                      | Rel-10  | pc_UpdateUE_LocationInformation |   |
| 5    | Support of UE radio bearer test mode for CSG proximity testing                           | 34.109,<br>5.2.1.3                 | Rel-9   | pc_TestModeforCSGproximity      |   |

**Table A.14: Terminal Logical Test Interface**

| <b>Item</b> | <b>Terminal Logical Test Interface</b>  | <b>Ref.</b> | <b>Release</b> | <b>Mnemonic</b> | <b>Comments</b> |
|-------------|---|-------------|----------------|-----------------|-----------------|
| 1           | Electrical Man Machine Interface (EMMI) | 34.109, 8   | R99            |                 |                 |
| 2           | UICC/ME test interface                  | 34.109, 9   | R99            |                 |                 |



## A.4.3.2 RF Baseline Implementation Capabilities

Table A.15: FDD (DS) RF Baseline Implementation Capabilities

| Item | FDD (DS) RF Baseline Implementation Capabilities         | Ref.          | Release | Mnemonic          | Comments                              |
|------|--|---------------|---------|-------------------|---------------------------------------|
| 1    | Chip rate 3,84 Mcps                                      | 25.101, 5.1   | R99     |                   |                                       |
| 2    | Frequency band: 1 920-1 980, 2 110-2 170 MHz             | 25.101, 5.2   | R99     | pc_Band1_Supp     | Band I                                |
| 3    | Frequency band: 1 850-1 910, 1 930-1 990 MHz             | 25.101, 5.2   | R99     | pc_Band2_Supp     | Band II                               |
| 4    | Frequency band: Other spectrum                           | 25.101, 5.2   | R99     |                   |                                       |
| 5    | TX-RX Freq. Sep: 190 MHz                                 | 25.101, 5.3   | R99     |                   |                                       |
| 6    | TX-RX Freq. Sep: 80 MHz                                  | 25.101, 5.3   | R99     |                   |                                       |
| 7    | TX-RX Freq. Sep: Variable                                | 25.101, 5.3   | R99     |                   |                                       |
| 8    | Carrier raster: 200 kHz                                  | 25.101, 5.4   | R99     |                   |                                       |
| 9    | UE Power Class 1 (+33 dBm)                               | 25.101, 6.2.1 | R99     | pc_UE_PowerClass1 |                                       |
| 10   | UE Power Class 2 (+27 dBm)                               | 25.101, 6.2.1 | R99     | pc_UE_PowerClass2 |                                       |
| 11   | UE Power Class 3 (+24 dBm)                               | 25.101, 6.2.1 | R99     | pc_UE_PowerClass3 |                                       |
| 12   | UE Power Class 4 (+21 dBm)                               | 25.101, 6.2.1 | R99     | pc_UE_PowerClass4 |                                       |
| 13   | Output RF spectrum emissions                             | 25.101, 6.6   | R99     |                   |                                       |
| 14   | Frequency band: 1710-1785, 1805-1880 MHz                 | 25.101, 5.2   | R99     | pc_Band3_Supp     | Band III                              |
| 15   | Frequency band: 1710-1755, 2110-2155 MHz                 | 25.101, 5.2   | R99     | pc_Band4_Supp     | Band IV                               |
| 16   | Frequency band: 824 – 849, 869-894 MHz                   | 25.101, 5.2   | R99     | pc_Band5_Supp     | Band V                                |
| 17   | Frequency band: 830-840, 875-885 MHz                     | 25.101, 5.2   | R99     | pc_Band6_Supp     | Band VI                               |
| 18   | Frequency band: 2500-2570, 2620-2690 MHz                 | 25.101, 5.2   | R99     | pc_Band7_Supp     | Band VII                              |
| 19   | Frequency band: 880–915, 925–960 MHz                     | 25.101, 5.2   | R99     | pc_Band8_Supp     | Band VIII                             |
| 20   | Frequency band: 1749.9-1784.9, 1844.9-1879.9 MHz         | 25.101, 5.2   | R99     | pc_Band9_Supp     | Band IX                               |
| 21   | Multiple FDD bands simultaneously                        | 25.101, 5.2   | R99     | pc_MultiBand_Supp | Required for FDD inter-band operation |
| 22   | Frequency band: 1710-1770, 2110-2170 MHz                 | 25.101, 5.2   | R99     | pc_Band10_Supp    | Band X                                |
| 23   | Frequency band: 1427.9 – 1447.9, 1475.9 – 1495.9 MHz     | 25.101, 5.2   | R99     | pc_Band11_Supp    | Band XI                               |
| 24   | Frequency band: 699 – 716 MHz, 729 – 746 MHz             | 25.101, 5.2   | R99     | pc_Band12_Supp    | Band XII                              |
| 25   | Frequency band: 777 - 787 MHz, 746 - 756 MHz             | 25.101, 5.2   | R99     | pc_Band13_Supp    | Band XIII                             |
| 26   | Frequency band: 788 – 798 MHz, 758 – 768 MHz             | 25.101, 5.2   | R99     | pc_Band14_Supp    | Band XIV                              |
| 27   | Frequency band: 830 – 845 MHz, 875 – 890 MHz             | 25.101, 5.2   | Rel-4   | pc_Band19_Supp    | Band XIX                              |
| 28   | Frequency band: 1447.9 – 1462.9 MHz, 1495.9 – 1510.9 MHz | 25.101, 5.2   | Rel-4   | pc_Band21_Supp    | Band XXI                              |
| 29   | Frequency band: 3410 – 3490 MHz, 3510 – 3590 MHz         | 25.101, 5.2   | Rel-10  | pc_Band22_Supp    | Band XXII                             |
| 30   | Frequency band: 832 – 862 MHz, 791 – 821 MHz             | 25.101, 5.2   | Rel-9   | pc_Band20_Supp    | Band XX                               |
| 31   | Frequency band: 1850 – 1915, 1930 – 1995 MHz             | 25.101, 5.2   | Rel-10  | pc_Band25_Supp    | Band XXV                              |
| 32   | Frequency band: 814 – 849 MHz, 859 – 894 MHz             | 25.101, 5.2   | Rel-10  | pc_Band26_Supp    | Band XXVI                             |
| 33   | Frequency band: N/A, 1452 – 1496 MHz                     | 25.101,5.2    | Rel-12  | pc_Band32_Supp    | Band XXXII                            |

Table A.16: TDD RF Baseline Implementation Capabilities

| Item | TDD RF Baseline Implementation Capabilities             | Ref.          | Release | Mnemonic                   | Comments  |
|------|---|---------------|---------|----------------------------|---|
| 1    | Chip rate 3,84 Mcps                                     | 25.102, 5.1   | R99     |                            |   |
| 1a   | Chip rate 1,28 Mcps                                     | 25.102, 5.1   | Rel-4   |                            |   |
| 1b   | Chip rate 7,68 Mcps                                     | 25.102, 5.1   | Rel-7   |                            |   |
| 2    | Frequency band a:<br>1 900-1 920 MHz<br>2010 - 2025 MHz | 25.102, 5.2   | R99     | pc_UTRA_<br>Band_TDD_<br>A | Ultra TDD Band a<br>(Applicable for 3.84 Mcps, 1.28 Mcps and 7.68 Mcps) |
| 3    | Frequency band b:<br>1850 - 1910 MHz<br>1930 - 1990 MHz | 25.102, 5.2   | R99     | pc_UTRA_<br>Band_TDD_<br>B | Ultra TDD Band b<br>(Applicable for 3.84 Mcps, 1.28 Mcps and 7.68 Mcps) |
| 4    | Frequency band c:<br>1910 - 1930 MHz                    | 25.102, 5.2   | R99     | pc_UTRA_<br>Band_TDD_<br>C | Ultra TDD Band c<br>(Applicable for 3.84 Mcps, 1.28 Mcps and 7.68 Mcps) |
| 5    | Frequency band d:<br>2570 - 2620 MHz                    | 25.102, 5.2   | Rel-7   | pc_UTRA_<br>Band_TDD_<br>D | Ultra TDD Band d<br>(Applicable for 3.84 Mcps, 1.28 Mcps and 7.68 Mcps) |
| 6    | Frequency band e:<br>2300—2400 MHz                      | 25.102, 5.2   | Rel-8   | pc_UTRA_<br>Band_TDD_<br>E | Ultra TDD Band e<br>(Applicable for 1.28 Mcps)                          |
| 7    | Frequency band f:<br>1880 - 1920 MHz                    | 25.102, 5.2   | Rel-8   | pc_UTRA_<br>Band_TDD_<br>F | Ultra TDD Band f<br>(Applicable for 1.28 Mcps)                          |
| 8    | Carrier raster: 200 kHz                                 | 25.102, 5.4   | R99     |                            | Applicable for 3.84 Mcps, 1.28 Mcps and 7.68 Mcps                       |
| 9    | UE Power Class 2 (+24 dBm)                              | 25.102, 6.2.1 | R99     |                            | Applicable for 3.84 Mcps, 1.28 Mcps and 7.68 Mcps                       |
| 10   | UE Power Class 3 (+21 dBm)                              | 25.102, 6.2.1 | R99     |                            | Applicable for 3.84 Mcps, 1.28 Mcps and 7.68 Mcps                       |
| 11   | Output RF spectrum emissions                            | 25.102, 6.6   | R99     |                            | Applicable for 3.84 Mcps, 1.28 Mcps and 7.68 Mcps                       |
| 12   | Multiple TDD bands simultaneously                       | 25.102, 5.2   | Rel-4   |                            | Required for TDD inter-band operation                                   |

### A.4.3.3 Physical Layer Baseline Implementation Capabilities

**Table A.17: Void**

**Table A.18: Void**

**Table A.18a: FDD Layer 1 UE Radio Access Capabilities**

| Item | FDD Layer 1 UE Radio Access Capabilities                     | Ref.  | Release            | Mnemonic  | Comments   |
|------|--|---|--------------------|---|--|
| 1    | Support of turbo decoding                                    | 25.306, 4.5.1                                       | R99                | pc_DL_TC_FDD  |  |
| 2    | Support of turbo encoding                                    | 25.306, 4.5.2                                       | R99                | pc_UL_TC_FDD  |  |
| 3    | Support for SF 512 (downlink)                                | 25.306, 4.5.3                                       | R99                | pc_SupportForSF_512                                     |  |
| 4    | Support of PDSCH   | 25.306, 4.5.3                                       | R99 and Rel-4 only | pc_SupportOfPDSCH                                       |  |
| 5    | Simultaneous reception of SCCPCH and DPCH                    | 25.306, 4.5.3                                       | R99                | pc_SimultaneousSCCPCH_DPCH_Reception                    |  |
| 6    | Simultaneous reception of SCCPCH, DPCH and PDSCH             | 25.306, 4.5.3                                       | R99 and Rel-4 only | pc_SimultaneousSCCPCH_DPCH_DPDCH_Reception              |  |
| 7    | Support of PCPCH   | 25.306, 4.5.4                                       | R99 and Rel-4 only | pc_SupportOfPCPCH                                       |  |
| 8    | Need of inter-frequency uplink compressed mode               | 25.306, 4.9   | R99                | pc_InterFreq_UL_CompressedModeRequired                  |  |
| 8a   | Need of interRAT uplink compressed mode                      | 25.306, 4.9   | R99                | pc_InterRAT_UL_CompressedModeRequired                   |  |
| 9    | Need of inter-frequency downlink compressed mode             | 25.306, 4.9   | R99                | pc_InterFreq_DL_CompressedModeRequired                  |  |
| 9a   | Need of interRAT downlink compressed mode                    | 25.306, 4.9   | R99                | pc_InterRAT_DL_CompressedModeRequired                   |  |
| 10   | Void   |   |                    |   |  |
| 11   | Void   |   |                    |   |  |
| 12   | Support of UE based Network Assisted GPS L1 C/A              |   |                    |   | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/10   |
| 13   | Support of UE assisted Network Assisted GPS L1 C/A           |   |                    |   | Refer to 3GPP TS 37.571-3 [57], Table A.4.3-1/11   |
| 14   | Support of HS-PDSCH  | 25.306, 4.5.3                                       | Rel-5              | pc_HSDPA_FDD  |  |
| 15   | Simultaneous reception of SCCPCH, DPCH and HSDSCH            | 25.306, 4.11  | Rel-5              | pc_SimultaneousSCCPCH_DPCH_HSDSCH_Reception             |  |
| 16   | Support of dedicated pilots for channel estimation of HSDSCH | 25.306  | Rel-5              | pc_SupportOfDedicatedPilotsForChannelEstimationOfHSDSCH |  |
| 17   | Capability with simultaneous HS-DSCH configuration           | 25.306, 4.11  | Rel-5              | pc_CapabilityWithSimultaneousHS_DSCHConfig              |  |
| 18   | Support of E-DPDCH   | 25.306, 4.5.4                                       | Rel-6              | pc_HSUPA_FDD  |  |
| 19   | Support of MBMS p-t-m reception in CELL_DCH state            | 25.346, 7.2   | Rel-6              | pc_PTM_in_CELL_DCH                                      |  |
| 20   | Support of MBMS MCCH reception in CELL_DCH state             | 25.346, 7.2   | Rel-6              | pc_MCCH_in_CELL_DCH                                     |  |
| 21   | Support of MBMS service change for a ptp RB                  | 25.331, 10.2.16i                                    | Rel-6              | pc_MBMS_ServiceChangePTP_RB                             |  |
| 22   | Support of F-DPCH  | 25.331, 10.2.39, 10.3.3.42, 10.3.3.42oa, 11.2, 11.3 | Rel-6              | pc_FDPCH  | Rel-6 to Rel-11: This ICS is set to true if UE supports HS-PDSCH and if fully IOT tested. Rel-12 and later releases; This ICS is set to true if UE supports HS-PDSCH |
| 23   | Support of simultaneous HS-PDSCH and MBMS services           | 25.346, 7.2<br>25.306, 4.13                         | Rel-6              | pc_SimultaneousHSDPA_MBMS                               |  |
| 24   | Support for MAC-ehs  | 25.306, 5.1   | Rel-7              | pc_MAC_ehs_FDD  |  |
| 25   | Support of DPCCCH Discontinuous Transmission                 | 25.306, 4.5.4                                       | Rel-7              | pc_UL_DTX   |  |
| 26   | Support of HS-DSCH Discontinuous Reception                   | 25.214, 6c.3  | Rel-7              | pc_DL_DRX   |  |
| 27   | Support of HS-SCCHless HS-DSCH                               | 25.306, 4.5.3                                       | Rel-7              | pc_HS_SCCH_less   |  |

|    |   |   |        |                              |   |
|----|---|---|--------|------------------------------|---|
| 28 | Support of 16QAM in Uplink                          | 25.331,<br>10.3.3.25,<br>10.3.3.42oa<br>25.306, 5.1 | Rel-7  | pc_UL_16QAM_FDD              | This ICS is set to true if UE supports E-DCH physical layer category 7  |
| 29 | Support of HS-PDSCH in CELL_FACH                    | 25.306, 4.5.3                                       | Rel-7  | pc_HS_FACH_FDD               |   |
| 30 | Support for CS Voice over HSPA                      | 25.306, 4.1,<br>25.331,<br>10.3.3.24,<br>11.2       | Rel-8  | pc_CSVoHS                    | CS Voice over HSPA is an optional Rel-8 feature that may be implemented in Rel-7 UEs                          |
| 31 | Support enhanced F-DPCH                             | 25.331,<br>10.3.3.25<br>25.306, 4.5.3               | Rel-7  | pc_EnhancedF_DPCH            |   |
| 32 | Support of HS-PDSCH in CELL_PCH and URA_PCH         | 25.306, 4.5.3                                       | Rel-7  | pc_HS_PCH                    |   |
| 33 | Support for MAC-i/is                                | 25.306, 4.5   | Rel-8  | pc_MAC_iis_FDD               |   |
| 34 | Support of common E-DCH                             | 25.306, 4.5.4                                       | Rel-8  | pc_HS_RACH_EDCH_FDD          |   |
| 35 | Support UEA2/UIA2 fully IOT tested                  | 25.331,<br>10.3.3.37                                | Rel-7  | pc_UEA2_UIA2                 | Set UEA2/UIA2 to FALSE if not fully IOT tested  |
| 36 | Support of HS-DSCH DRX operation                    | 25.306, 4.5.3                                       | Rel-8  | pc_HS_FACH_DRX               |   |
| 37 | Support of Target Cell Pre-Configuration            | 25.306,<br>4.5.3                                    | Rel-8  | pc_TargetCell_PreConf_HSDSCH |   |
| 38 | Support of Slot Format #4                           | 25.306, 4.5.4                                       | Rel-7  | pc_SlotFormat4               |   |
| 39 | Support MIMO  | 25.306, 5.1   | Rel-7  | pc_MIMO                      | This ICS is set to true if UE supports HS-DSCH physical layer category 15, 16, 17 or 18                       |
| 40 | Support of multi cell                               | 25.331,<br>10.3.39<br>25.306, 5.1                   | Rel-8  | pc_DualCell                  | This ICS is set to true if UE supports Dual Cell Operation (HS-DSCH physical layer category 21, 22, 23 or 24) |
| 41 | Support 64QAM and MIMO                              | 25.306, 5.1   | Rel-8  | pc_64QAM_MIMO                |   |
| 42 | Support dual band DC-HSDPA configuration I and V    | 25.306, 4.5.3<br>25.101, 5.2                        | Rel-9  | pc_DB_DC_HSDPA_Band1_5       |   |
| 43 | Support dual band DC-HSDPA configuration I and VIII | 25.306, 4.5.3<br>25.101, 5.2                        | Rel-9  | pc_DB_DC_HSDPA_Band1_8       |   |
| 44 | Support dual band DC-HSDPA configuration II and IV  | 25.306, 4.5.3<br>25.101, 5.2                        | Rel-9  | pc_DB_DC_HSDPA_Band2_4       |   |
| 45 | Support of Dual cell MIMO                           | 25.331,<br>10.2.39<br>25.306, 5.1                   | Rel-9  | pc_DualCellMIMO              | This ICS is set to true if UE supports HS-DSCH physical layer category 25, 26, 27 or 28                       |
| 46 | Support of dual band operation                      | 25.306 4.5.3  | Rel-9  | pc_DB_DC_HSDPA               |   |
| 47 | Support of More Than Two Cells                      | 25.331,<br>10.2.39                                  | Rel-10 | pc_MultiCell                 | This ICS is set to true if UE supports HS-DSCH physical layer category 29, 30, 31 or 32                       |
| 48 | Support of Three cell MIMO                          | 25.331,<br>10.2.39<br>("higher rate")               | Rel-10 | pc_ThreeCellMIMO             | This ICS is set to true if UE supports HS-DSCH physical layer category 30                                     |
| 49 | Support of Four cell MIMO                           | 25.331,<br>10.2.39<br>("higher rate")               | Rel-10 | pc_FourCellMIMO              | This ICS is set to true if UE supports HS-DSCH physical layer category 32                                     |
| 50 | Support of Three cell                               | 25.331,<br>10.3.3.42a                               | Rel-10 | pc_ThreeCell                 | This ICS is set to true if UE supports HS-DSCH physical layer category 29 or 30                               |

|    |                      |                                      |        |               |   |
|----|----------------------|--------------------------------------|--------|---------------|---|
| 51 | Support of Four cell | 25.331,<br>10.3.3.42a                | Rel-10 | pc_FourCell   | This ICS is set to true if UE supports HS-DSCH physical layer category 31 or 32   |
| 52 | SBCC(3)              | 25.306, 5.1                          | Rel-10 | pc_4C_SBCC3   | Setting this ICS means that Single band carrier combination (3) is supported for one or more of the supported 4C-HSDPA Single bands (A) in Table A.18a.0c.  |
| 53 | DBCC(1,2)            | 25.306, 5.1;<br>25.331,<br>10.3.3.42 | Rel-10 | pc_4C_DBCC12  | Setting this ICS means that Dual band carrier combination (1,2) is supported for one or more of the supported 4C-HSDPA Dual band combinations (A-B) in Table A.18a.0d.<br><br>This ICS is set to true if UE supports Dual band Carrier Combination (1,2), (2,2) or (1,3). |
| 54 | DBCC (2,1)           | 25.306, 5.1;<br>25.331,<br>10.3.3.42 | Rel-10 | pc_DB_4C_CC21 | Setting this ICS means that Dual band carrier combination (2,1) is supported for one or more of the supported 4C-HSDPA Dual band combinations (A-B) in Table A.18a.0d.<br><br>This ICS is set to true if UE supports Dual band Carrier Combination (2,1), (2,2) or (3,1). |
| 55 | DBCC(3,1)            | 25.306, 5.1;<br>25.331,<br>10.3.3.42 | Rel-10 | pc_4C_DBCC31  | Setting this ICS means that Dual band carrier combination (3,1) is supported for one or more of the supported 4C-HSDPA Dual band combinations (A-B) in table A.18a.0d.  |
| 56 | DBCC(1,3)            | 25.306, 5.1;<br>25.331,<br>10.3.3.42 | FFS    | FFS           | FFS   |
| 57 | DBCC(2,2)            | 25.306, 5.1;<br>25.331,<br>10.3.3.42 | Rel-10 | pc_4C_DBCC22  | Setting this ICS means that Dual band carrier combination (2,2) is supported for one or more of the supported 4C-HSDPA Dual band combinations (A-B) in table A.18a.0d.  |

|    |  |                              |        |                             |  |
|----|--|------------------------------|--------|-----------------------------|--|
| 58 | Support of Multiflow HSDPA                             | 25.331<br>10.3.3.21ba        | Rel-11 | pc_Multiflow_HSDPA          | This ICS is set to true if UE supports Multiflow HSDPA and HS-DSCH physical layer category 21 thru 24  |
| 59 | Support of Single Band, Single Frequency and Dual Cell | 25.331<br>10.3.3.21ba        | Rel-11 | pc_SB_SF_DC                 | Setting this ICS means that Single band, Single Frequency on Dual Cell combination is supported for one or more of the supported Multiflow HSDPA Single band combinations in table A.18a.0a. |
| 60 | Support of Single Band, Dual Frequency and Three Cell  | 25.331<br>10.3.3.21ba        | Rel-11 | pc_SB_DF_3C                 | Setting this ICS means that Single band, Dual Frequency on Three Cell combination is supported for one or more of the supported Multiflow HSDPA Single band combinations in table A.18a.0a.  |
| 61 | Support of Dual Band, Dual Frequency and Three Cell    | 25.331                       | Rel-11 | pc_DB_DF_3C                 | Setting this ICS means that Dual band, Dual Frequency on Three Cell combination is supported for one or more of the supported Multiflow HSDPA Dual band combinations in table A.18a.0b.      |
| 62 | Support of HS-DSCH DRX operation with second DRX cycle | 25.306, 4.5.3                | Rel-11 | pc_HS_FACH_DRX_2ndDRXcycle  |  |
| 63 | Support of Fallback to R99 PRACH in CELL_FACH          | 25.306, 4.5.4                | Rel-11 | pc_HS_FACH_FallbackR99prach |  |
| 64 | Support dual band DC-HSDPA configuration I and XI      | 25.306, 4.5.3<br>25.101, 5.2 | Rel-10 | pc_DB_DC_HSDPA_Band1_11     |  |
| 65 | Support dual band DC-HSDPA configuration II and V      | 25.306, 4.5.3<br>25.101, 5.2 | Rel-10 | pc_DB_DC_HSDPA_Band2_5      |  |
| 66 | Support of DCH Enhancements in Basic Mode              | 25.331, 8.5.84               | Rel-12 | pc_DCH_Enhancement_BASIC    |  |
| 67 | Support of DCH Enhancements in Full Mode               | 25.331, 8.5.84               | Rel-12 | pc_DCH_Enhancement_FULL     |  |

**Table A.18a.0a: DB-DC-HSDPA configurations**

| DB-DC-HSDPA Configuration | UL Band   | DL Band A | DL Band B |
|---------------------------|-----------|-----------|-----------|
| 1                         | I or VIII | I         | VIII      |
| 2                         | II or IV  | II        | IV        |
| 3                         | I or V    | I         | V         |
| 4                         | I or XI   | I         | XI        |
| 5                         | II or V   | II        | V         |

d) Single band 4C-HSDPA is designed to operate in the following configurations:

**Table A.18a.0b: Single band 4C-HSDPA configurations**

| Single band 4C-HSDPA Configuration  | Operating Band | Number of DL carriers |
|---|----------------|-----------------------|
| I-3   | I              | 3                     |
| II-3  | II             | 3                     |
| II-4  | II             | 4                     |
| NOTE: Single band 4C-HSDPA configuration is numbered as (X-M) where X denotes the operating band and M denotes the number of DL carriers. |                |                       |

**Table A.18a.0c: Supported Single band 4C-HSDPA configurations**

| Item / 4C-HSPDA Single Band (A)<br>(Note 1)   | Ref.  | Release | Supported Carrier Combination (s)<br>(Note 2) |
|---|---|---------|---|
| I   | 25.101, 5.2; 25.306, 5.1; 25.331, 10.3.3.42 | Rel-10  |   |
| Note 1: Valid values for different single bands supporting 4C-HSDPA are according to TS 25.101 Table 5.0aB.<br>Note 2: The capabilities can be supported on a single or multiple band(s). The UE supplier shall indicate in the column "Supported Carrier Combination(s)" the UE supported Carrier Combination(s) using Carrier Combination identifiers as per Table A.18a 'SBCC(x)', where x indicate umber of supported carriers.<br>For Rel-10 then the only valid choice for single band 4C-HSDPA is 'SBCC(3)' or to leave the entry as blank (nothing stated), where blank means that 4C-HSDPA single band operation is not supported. E.g. for a UE supporting Single-Band Carrier Combination 3 for band I then 'SBCC(3)' is stated in the column. |   |         |   |

**Table A.18a.0d: Supported Dual band 4C-HSDPA configurations**

| Item / 4C-HSPDA Dual Band Combinations (A-B)<br>(Note 1)   | Ref.  | Release | Supported Carrier Combination (s)<br>(Note 2) |
|--|---|---------|---|
| I-VIII   | 25.101, 5.2; 25.306, 5.1; 25.331, 10.3.3.42 | Rel-10  |   |
| II-IV  | 25.101, 5.2; 25.306, 5.1; 25.331, 10.3.3.42 | Rel-10  |   |
| I-V  | 25.101, 5.2; 25.306, 5.1; 25.331, 10.3.3.42 | Rel-10  |   |
| Note 1: Valid values for different band combinations are according to TS 25.101 Table 5.0aC.<br>Note 2: The capabilities can be supported on a single or multiple band(s). The UE supplier shall indicate in the column "Supported Carrier Combination(s)" the UE supported Carrier Combination(s) using Dual-Band Carrier Combination identifiers as per Table A.18a 'DBCC(x,y)', where x is number of supported carriers for Band A and y is number of supported carriers for Band B.<br>Leaving the entry as blank (nothing stated) means that 4C-HSDPA dual band operation is not supported. E.g. for a UE supporting 4C-HSDPA configurations 'I-2-VIII-1' and 'I-3-VIII-1' then 'DBCC(2,1), DBCC(3,1)' is stated in the column for band combination 'I-VIII'. |   |         |   |



Table A.18a.1: FDD HS-DSCH physical layer categories

| Item  | FDD HS-DSCH physical layer categories | Ref.                                | Release | Mnemonic                      | Comments |
|---|---------------------------------------|-------------------------------------|---------|-------------------------------|----------|
| 1   | Category 1                            | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 2   | Category 2                            | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 3   | Category 3                            | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 4   | Category 4                            | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 5   | Category 5                            | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 6   | Category 6                            | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 7   | Category 7                            | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 8   | Category 8                            | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 9   | Category 9                            | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 10  | Category 10                           | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 11  | Category 11                           | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| 12  | Category 12                           | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-5   | pc_HSDSCH_UE_Category_F<br>DD |          |
| NOTE: The UE Categories in this table refers to the UE capability as signalled in the Rel-5 IE "HS-DSCH physical layer category" (1 to 12). All UEs supporting HS-DSCH should signal a category between 1 and 12 for this IE even if the UE physical capability category is above 12. This IE corresponds to the HS-DSCH category supported by the UE when MAC-ehs is not configured. |                                       |                                     |         |                               |          |

Table A.18a.1a: FDD HS-DSCH physical layer category extensions

| Item | FDD HS-DSCH physical layer category extension | Ref.                                | Release | Mnemonic                                | Comments |
|------|---|-------------------------------------|---------|---|----------|
| 1    | Category 1                                    | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 2    | Category 2                                    | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 3    | Category 3                                    | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 4    | Category 4                                    | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 5    | Category 5                                    | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 6    | Category 6                                    | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 7    | Category 7                                    | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 8    | Category 8                                    | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 9    | Category 9                                    | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 10   | Category 10                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 11   | Category 11                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 12   | Category 12                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 13   | Category 13                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 14   | Category 14                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 15   | Category 15                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 16   | Category 16                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 17   | Category 17                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 18   | Category 18                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 19   | Category 19                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |
| 20   | Category 20                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_FDD |          |

NOTE: The reference to UE Categories in this table refers to the UE capability as signalled in the Rel-7 IE "HS-DSCH physical layer category extension". This IE corresponds to the HS-DSCH category supported by the UE when MAC-ehs is configured.

**Table A.18a.1b: FDD HS-DSCH physical layer category Dual Cell extensions**

| Item  | FDD HS-DSCH physical layer category extension | Ref.                                | Release | Mnemonic                                 | Comments |
|-------|---|-------------------------------------|---------|--|----------|
| 1..20 | Reserved                                      |                                     |         |  |          |
| 21    | Category 21                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension2_FDD |          |
| 22    | Category 22                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension2_FDD |          |
| 23    | Category 23                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension2_FDD |          |
| 24    | Category 24                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension2_FDD |          |

NOTE: The reference to UE Categories in this table refers to the UE capability as signalled in the Rel-8 IE "HS-DSCH physical layer category extension 2". This IE corresponds to the HS-DSCH category supported by the UE when Dual-Cell is configured.

**Table A.18a.1c: FDD HS-DSCH physical layer category Dual Cell with MIMO extensions**

| Item  | FDD HS-DSCH physical layer category extension | Ref.                                | Release | Mnemonic                                 | Comments |
|-------|---|-------------------------------------|---------|--|----------|
| 1..24 | Reserved                                      |                                     |         |  |          |
| 25    | Category 25                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-9   | pc_HSDSCH_UE_Category_E<br>xtension3_FDD |          |
| 26    | Category 26                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-9   | pc_HSDSCH_UE_Category_E<br>xtension3_FDD |          |
| 27    | Category 27                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-9   | pc_HSDSCH_UE_Category_E<br>xtension3_FDD |          |
| 28    | Category 28                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-9   | pc_HSDSCH_UE_Category_E<br>xtension3_FDD |          |

NOTE: The reference to UE Categories in this table refers to the UE capability as signalled in the Rel-8 IE "HS-DSCH physical layer category extension 3". This IE corresponds to the HS-DSCH category supported by the UE when Dual-Cell operation with MIMO is configured.

**Table A.18a.1d: FDD HS-DSCH physical layer category Multi Cell with/without MIMO extensions**

| Item  | FDD HS-DSCH physical layer category extension | Ref.                                | Release | Mnemonic                             | Comments                                      |
|-------|---|-------------------------------------|---------|--------------------------------------|---|
| 1..28 | Reserved                                      |                                     |         |                                      |   |
| 29    | Category 29                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-10  | pc_HSDSCH_UE_Category_Extension4_FDD | UE supports three cell operation without MIMO |
| 30    | Category 30                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-10  | pc_HSDSCH_UE_Category_Extension4_FDD | UE supports three cell operation with MIMO    |
| 31    | Category 31                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-10  | pc_HSDSCH_UE_Category_Extension5_FDD | UE supports four cell operation without MIMO  |
| 32    | Category 32                                   | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-10  | pc_HSDSCH_UE_Category_Extension5_FDD | UE supports four cell operation with MIMO     |

NOTE: The reference to UE Categories in this table refers to the UE capability as signalled in the Rel-10 IE "HS-DSCH physical layer category extension 4" and IE "HS-DSCH physical layer category extension 5". This IE corresponds to the HS-DSCH category supported by the UE when Multi-Cell operation with MIMO is configured.

**Table A.18a.2: FDD E-DCH physical layer categories**

| Item | FDD E-DCH physical layer categories | Ref.                               | Release | Mnemonic                | Comments |
|------|-------------------------------------|------------------------------------|---------|-------------------------|----------|
| 1    | Category 1                          | 25.306,<br>5.125.331,<br>10.3.3.25 | Rel-6   | pc_EDCH_UE_Category_FDD |          |
| 2    | Category 2                          | 25.306,<br>5.125.331,<br>10.3.3.25 | Rel-6   | pc_EDCH_UE_Category_FDD |          |
| 3    | Category 3                          | 25.306,<br>5.125.331,<br>10.3.3.25 | Rel-6   | pc_EDCH_UE_Category_FDD |          |
| 4    | Category 4                          | 25.306,<br>5.125.331,<br>10.3.3.25 | Rel-6   | pc_EDCH_UE_Category_FDD |          |
| 5    | Category 5                          | 25.306,<br>5.125.331,<br>10.3.3.25 | Rel-6   | pc_EDCH_UE_Category_FDD |          |
| 6    | Category 6                          | 25.306,<br>5.125.331,<br>10.3.3.25 | Rel-6   | pc_EDCH_UE_Category_FDD |          |

NOTE: The UE Categories in this table refers to the UE capability as signalled in the Rel-6 IE "E-DCH physical layer category" (1 to 6). All UEs supporting E-DCH should signal a category between 1 and 6 for this IE even if the UE physical capability category is above 6. The case of UE Category 7 is covered by the PICS item A.18a.2a/1.

**Table A.18a.2a: FDD E-DCH physical layer category extensions**

| Item | FDD E-DCH physical layer category extension | Ref.                                | Release | Mnemonic                          | Comments |
|------|---|-------------------------------------|---------|-----------------------------------|----------|
| 1    | Category 7                                  | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_EDCH_UE_Category_Extension_FDD |          |

NOTE: The reference to UE Categories in this table refers to the UE capability as signalled in the Rel-7 IE "E-DCH physical layer category extension".

**Table A.18a.2b: FDD E-DCH physical layer category Dual-Cell extensions**

| Item | FDD E-DCH physical layer category extension | Ref.                                | Release | Mnemonic                           | Comments |
|------|---|-------------------------------------|---------|------------------------------------|----------|
| 1    | Category 8                                  | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-9   | pc_EDCH_UE_Category_Extension2_FDD |          |
| 2    | Category 9                                  | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-9   | pc_EDCH_UE_Category_Extension2_FDD |          |

NOTE: The reference to UE Categories in this table refers to the UE capability as signalled in the Rel-9 IE "E-DCH physical layer category extension 2".

**Table A.18b: TDD Layer 1 UE Radio Access Capabilities**

| Item | TDD Layer 1 UE Radio Access Capabilities               | Ref.  | Release | Mnemonic                    | Comments   |
|------|--|---|---------|-----------------------------|--|
| 1    | Support of turbo decoding                              | 25.306, 4.5.1                                 | R99     | pc_DL_TC_TDD                | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 2    | Support of turbo encoding                              | 25.306, 4.5.2                                 | R99     | pc_UL_TC_TDD                | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 3    | Max. number of physical channels and TS per frame      | 25.306, 4.5.5, 4.5.6                          | R99     |                             | Applicable for 3.84 Mcps and 7.68 Mcps               |
| 4    | Max. number of downlink physical channels per subframe | 25.306, 4.5.5                                 | Rel-4   | pc_MaxPhysChPerSubFrame_DL  | Applicable for 1.28 Mcps only                        |
| 4a   | Max. number of downlink TS per subframe                | 25.306, 4.5.5                                 | Rel-4   | pc_MaxTS_PerSubFrame_DL     | Applicable for 1.28 Mcps only                        |
| 4b   | Max. number of uplink TS per subframe                  | 25.306, 4.5.6                                 | Rel-4   | pc_MaxTS_PerSubFrame_UL     | Applicable for 1.28 Mcps only                        |
| 5    | Minimum downlink SF                                    | 25.306, 4.5.5                                 | R99     | pc_MinimumSF_DL             | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 5a   | Minimum uplink SF                                      | 25.306, 4.5.6                                 | R99     | pc_MinimumSF_UL             | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 6    | Support of PDSCH (Downlink)                            | 25.306, 4.5.5                                 | R99     | pc_SupportOfPDSCH           | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 7    | Max. number of received physical channels per TS       | 25.306, 4.5.5                                 | R99     | pc_MaxPhysChPerTS_DL        | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 7a   | Max. number of transmitted physical channels per TS    | 25.306, 4.5.6                                 | R99     | pc_MaxPhysChPerTS_UL        | Applicable for 3.84 Mcps and 1.28 Mcps               |
| 8    | Support of 8PSK demodulation                           | 25.306, 4.5.5                                 | Rel-4   | pc_SupportOf8PSK_DL         | Applicable for 1.28 Mcps only                        |
| 8a   | Support of 8PSK modulation                             | 25.306, 4.5.6                                 | Rel-4   | pc_SupportOf8PSK_UL         | Applicable for 1.28 Mcps only                        |
| 9    | Support of PUSCH                                       | 25.306, 4.5.6                                 | R99     | pc_SupportOfPUSCH           | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 10   | Support of HS-PDSCH                                    | 25.306, 4.5.5                                 | Rel-5   | pc_HSDPA_TDD                | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 11   | Support of MBMS p-t-m reception in CELL_DCH state      | 25.346, 7.2                                   | Rel-6   | pc_PTM_in_CELL_DCH          | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 12   | Support of MBMS MCCH reception in CELL_DCH state       | 25.346, 7.2                                   | Rel-6   | pc_MCCH_in_CELL_DCH         | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 13   | Support of MBMS service change for a ptp RB            | 25.331, 10.2.16i                              | Rel-6   | pc_MBMS_ServiceChangePTP_RB | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 14   | Support of E-PUCH                                      | 25.306, 4.5.6                                 | Rel-7   | pc_HSUPA_TDD                | Applicable for 3.84 Mcps and 1.28 Mcps and 7.68 Mcps |
| 15   | Support of TDD transmit and receive functions          | 25.346, 7.2                                   | Rel-7   | pc_TDD_Tx_and_Rx            | Applicable for 3.84 Mcps and 7.68 Mcps               |
| 16   | Support of TDD MBSFN receive only function             | 25.346, 7.2                                   | Rel-7   | pc_TDD_MBSFN_Rx_only        | Applicable for 3.84 Mcps and 7.68 Mcps               |
| 17   | Support of 16QAM in Uplink                             | 25.331, 10.3.3.25, 10.3.3.42oa<br>25.306, 5.1 | Rel-7   | pc_UL_16QAM                 |  |
| 18   | Support of 3.84 Mcps TDD IMB receiver function         | 25.306  | Rel-8   | pc_IMB_MB_SFN_Rx            | Applicable for 3.84 Mcps TDD IMB                     |
| 19   | Support for MAC-ehs                                    | 25.306  | Rel-7   | pc_Mac_ehs                  |  |
| 20   | Support for MAC-i/is                                   | 25.306  | Rel-8   | pc_Mac_iis                  |  |
| 21   | Support of SPS operation                               | 25.306, 4.5.5.2                               | Rel-8   | pc_SupportOfSPS             | Applicable for 1.28 Mcps only                        |

|    |  |                                    |       |                               |                               |
|----|--|------------------------------------|-------|-------------------------------|-------------------------------|
| 22 | Support of control channel DRX operation | 25.306, 4.5.5.2                    | Rel-8 | pc_SupportOfControlChannelDRX | Applicable for 1.28 Mcps only |
| 23 | Support of HS-PDSCH in CELL_FACH         | 25.306, 4.5.5.2                    | Rel-8 | pc_HS_FACH                    |                               |
| 24 | Support of common E-DCH                  | 25.306, 4.5.6.2, 25.331, 10.3.3.42 | Rel-8 | pc_HS_RACH_EDCH               |                               |
| 25 | Support of enhanced TS0                  | 25.331, 10.3.3.42                  | Rel-9 | pc_SupportOfEnhancedTS0       | Applicable for 1.28 Mcps only |
| 26 | Support of multiple frequency operation  | 25.306, 4.5.5.2, 25.331, 10.3.3.25 | Rel-7 | pc_SupportOfMultiFrequency    | Applicable for 1.28 Mcps only |

Table A.18b.1: LCR TDD HS-DSCH physical layer categories

| Item | LCR TDD HS-DSCH physical layer categories | Ref.        | Release | Mnemonic                  | Comments |
|------|---|-------------|---------|---------------------------|----------|
| 1    | Category 1                                | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 2    | Category 2                                | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 3    | Category 3                                | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 4    | Category 4                                | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 5    | Category 5                                | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 6    | Category 6                                | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 7    | Category 7                                | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 8    | Category 8                                | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 9    | Category 9                                | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 10   | Category 10                               | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 11   | Category 11                               | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 12   | Category 12                               | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 13   | Category 13                               | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 14   | Category 14                               | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |
| 15   | Category 15                               | 25.306, 5.1 | Rel-5   | pc_HSDSCH_UE_Category_TDD |          |



**Table A.18b.1a: LCR TDD HS-DSCH physical layer category extensions**

| Item | LCR TDD HS-DSCH physical layer category extension | Ref.                                | Release | Mnemonic                                | Comments |
|------|---|-------------------------------------|---------|---|----------|
| 1    | Category 16                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 2    | Category 17                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 3    | Category 18                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 4    | Category 19                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 5    | Category 20                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 6    | Category 21                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 7    | Category 22                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 8    | Category 23                                       | 25.306, 5.1<br>25.331,<br>10.3.3.2  | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 9    | Category 24                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 10   | Category 25                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 11   | Category 26                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 12   | Category 27                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 13   | Category 28                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 14   | Category 29                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |
| 15   | Category 30                                       | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-8   | pc_HSDSCH_UE_Category_E<br>xtension_TDD |          |

NOTE: The reference to UE Categories in this table refers to the UE capability as signalled in the Rel-8 IE "HS-DSCH physical layer category extension". This IE corresponds to the HS-DSCH category supported by the UE when MAC-ehs is configured.

**Table A.18b.2: LCR TDD E-DCH physical layer categories**

| Item | LCR TDD HS-DSCH physical layer categories | Ref.                                | Release | Mnemonic                | Comments |
|------|---|-------------------------------------|---------|-------------------------|----------|
| 1    | Category 1                                | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_EDCH_UE_Category_TDD |          |
| 2    | Category 2                                | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_EDCH_UE_Category_TDD |          |
| 3    | Category 3                                | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_EDCH_UE_Category_TDD |          |
| 4    | Category 4                                | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_EDCH_UE_Category_TDD |          |
| 5    | Category 5                                | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_EDCH_UE_Category_TDD |          |
| 6    | Category 6                                | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_EDCH_UE_Category_TDD |          |

NOTE: The UE Categories in this table refers to the UE capability as signalled in the Rel-7 IE "E-DCH physical layer category" (1 to 6). All UEs supporting E-DCH should signal a category between 1 and 6 for this IE even if the UE physical capability category is above 6.

**Table A.18b.2a: LCR TDD E-DCH physical layer category extensions**

| Item | LCR TDD E-DCH physical layer category extension | Ref.                                | Release | Mnemonic                          | Comments |
|------|---|-------------------------------------|---------|-----------------------------------|----------|
| 1    | Category 7                                      | 25.306, 5.1<br>25.331,<br>10.3.3.25 | Rel-7   | pc_EDCH_UE_Category_Extension_TDD |          |

NOTE: The reference to UE Categories in this table refers to the UE capability as signalled in the Rel-7 IE "E-DCH physical layer category extension".

#### A.4.3.3.1 FDD Interoperability Radio Bearer Capabilities

The applicability column in table A.18c to A.18f specifies the minimum UE radio access capability for which the reference radio bearer configurations are applicable. The UE radio access capability parameters and their possible value range are defined in TS 25.306 [34a] clause 5.1. The UE does not need to support any RAB which has higher bit rate than the highest value indicated by the UE in "maximum bit rate for uplink" (respectively "maximum bit rate for downlink") in the Quality of Service information element (TS 24.008 [29] clause 10.5.6.5) for the traffic class of the RAB.

The following labels have been used in tables A.18c to A.18f to represent the various UE radio access capability parameters:

|  | Label             | UE radio access capability parameter as defined in [34a] 25.306.  |
|--|-------------------|---|
| Transport channel parameters in downlink | DL Max TB bits    | Maximum sum of number of bits of all transport blocks being received at an arbitrary time instant                       |
|  | DL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being received at an arbitrary time instant |
|  | DL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being received at an arbitrary time instant           |
|  | DL Max TrCHs      | Maximum number of simultaneous transport channels   |
|  | DL Max CCTrCH     | Maximum number of simultaneous CCTrCH   |
|  | DL Max TTI TB     | Maximum total number of transport blocks received within TTIs that end within the same 10 ms interval                   |
|  | DL Max TFS        | Maximum number of TFC in the TFCS   |
|  | DL Max TF         | Maximum number of TF  |
|  | DL TC             | Support for turbo decoding  |

|  | <b>Label</b>      | <b>UE radio access capability parameter as defined in [34a] 25.306.</b>  |
|--|-------------------|--|
| Transport channel parameters in uplink | UL Max TB bits    | Maximum sum of number of bits of all transport blocks being transmitted at an arbitrary time instant                       |
|  | UL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being transmitted at an arbitrary time instant |
|  | UL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being transmitted at an arbitrary time instant           |
|  | UL Max TrCHs      | Maximum number of simultaneous transport channels  |
|  | UL Max TTI TB     | Maximum total number of transport blocks transmitted within TTIs that start at the same time                               |
|  | UL Max TFS        | Maximum number of TFC in the TFCS  |
|  | UL Max TF         | Maximum number of TF   |
|  | UL TC             | Support for turbo encoding   |

**Table A.18c: FDD interoperability radio bearer capabilities for combinations on DPCH**

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH | Ref.                   | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|---|------------------------|--|--|----------------|----------|
| 1   | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH                            | 34.108<br>6.10.2.4.1.1 | DL Max TB bits   | 640  | pc_RAB_A_18c_1 |          |
|   |   |                        | DL Max CC TB bits  | 640  |                |          |
|   |   |                        | DL Max TC TB bits  | N/A  |                |          |
|   |   |                        | DL Max TrCHs   | 4  |                |          |
|   |   |                        | DL Max CCTrCH  | 1  |                |          |
|   |   |                        | DL Max TTI TB  | 4  |                |          |
|   |   |                        | DL Max TFS   | 16   |                |          |
|   |   |                        | DL Max TF  | 32   |                |          |
|   |   |                        | DL TC  | N/A  |                |          |
|   |   |                        | UL Max TB bits   | 640  |                |          |
|   |   |                        | UL Max CC TB bits  | 640  |                |          |
|   |   |                        | UL Max TC TB bits  | N/A  |                |          |
|   |   |                        | UL Max TrCHs   | 2  |                |          |
|   |   |                        | UL Max TTI TB  | 2  |                |          |
|   |   |                        | UL Max TFS   | 4  |                |          |
|   |   |                        | UL Max TF  | 32   |                |          |
| UL TC                                     | N/A   |                        |  |  |                |          |
| Other required UE radio access capability | SF512 = Yes   |                        |  |  |                |          |
| 2   | Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH                            | 34.108<br>6.10.2.4.1.2 | DL Max TB bits   | 640  | pc_RAB_A_18c_2 |          |
|   |   |                        | DL Max CC TB bits  | 640  |                |          |
|   |   |                        | DL Max TC TB bits  | N/A  |                |          |
|   |   |                        | DL Max TrCHs   | 4  |                |          |
|   |   |                        | DL Max CCTrCH  | 1  |                |          |
|   |   |                        | DL Max TTI TB  | 4  |                |          |
|   |   |                        | DL Max TFS   | 16   |                |          |
|   |   |                        | DL Max TF  | 32   |                |          |
|   |   |                        | DL TC  | N/A  |                |          |
|   |   |                        | UL Max TB bits   | 640  |                |          |
|   |   |                        | UL Max CC TB bits  | 640  |                |          |
|   |   |                        | UL Max TC TB bits  | N/A  |                |          |
|   |   |                        | UL Max TrCHs   | 2  |                |          |
|   |   |                        | UL Max TTI TB  | 2  |                |          |
|   |   |                        | UL Max TFS   | 4  |                |          |
|   |   |                        | UL Max TF  | 32   |                |          |
| UL TC                                     | N/A   |                        |  |  |                |          |
| Other required UE radio access capability | None  |                        |  |  |                |          |
| 3   | Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH                          | 34.108<br>6.10.2.4.1.3 | DL Max TB bits   | 640  | pc_RAB_A_18c_3 |          |
|   |   |                        | DL Max CC TB bits  | 640  |                |          |
|   |   |                        | DL Max TC TB bits  | N/A  |                |          |
|   |   |                        | DL Max TrCHs   | 4  |                |          |
|   |   |                        | DL Max CCTrCH  | 1  |                |          |
|   |   |                        | DL Max TTI TB  | 4  |                |          |
|   |   |                        | DL Max TFS   | 16   |                |          |
|   |   |                        | DL Max TF  | 32   |                |          |
|   |   |                        | DL TC  | N/A  |                |          |
|   |   |                        | UL Max TB bits   | 640  |                |          |
|   |   |                        | UL Max CC TB bits  | 640  |                |          |
|   |   |                        | UL Max TC TB bits  | N/A  |                |          |
|   |   |                        | UL Max TrCHs   | 2  |                |          |
| UL Max TTI TB                             | 2   |                        |  |  |                |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|-------------------------|--|--|-----------------|----------|
|      |  |                         | UL Max TFS   | 4  |                 |          |
|      |  |                         | UL Max TF  | 32   |                 |          |
|      |  |                         | UL TC  | N/A  |                 |          |
|      |  |                         | Other required UE radio access capability                    | None   |                 |          |
| 4    | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.10.2.4.1.4  | DL Max TB bits   | 640  | pc_RAB_A_18c_4  |          |
|      |  |                         | DL Max CC TB bits  | 640  |                 |          |
|      |  |                         | DL Max TC TB bits  | N/A  |                 |          |
|      |  |                         | DL Max TrCHs   | 4  |                 |          |
|      |  |                         | DL Max CCTrCH  | 1  |                 |          |
|      |  |                         | DL Max TTI TB  | 4  |                 |          |
|      |  |                         | DL Max TFS   | 16   |                 |          |
|      |  |                         | DL Max TF  | 32   |                 |          |
|      |  |                         | DL TC  | N/A  |                 |          |
|      |  |                         | UL Max TB bits   | 640  |                 |          |
|      |  |                         | UL Max CC TB bits  | 640  |                 |          |
|      |  |                         | UL Max TC TB bits  | N/A  |                 |          |
|      |  |                         | UL Max TrCHs   | 4  |                 |          |
|      |  |                         | UL Max TTI TB  | 4  |                 |          |
|      |  |                         | UL Max TFS   | 8  |                 |          |
|      |  |                         | UL Max TF  | 32   |                 |          |
|      |  |                         | UL TC  | N/A  |                 |          |
|      |  |                         | Other required UE radio access capability                    | None   |                 |          |
| 4a   | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                            | 34.108<br>6.10.2.4.1.4a | DL Max TB bits   | 640  | pc_RAB_A_18c_4a |          |
|      |  |                         | DL Max CC TB bits  | 640  |                 |          |
|      |  |                         | DL Max TC TB bits  | N/A  |                 |          |
|      |  |                         | DL Max TrCHs   | 4  |                 |          |
|      |  |                         | DL Max CCTrCH  | 1  |                 |          |
|      |  |                         | DL Max TTI TB  | 4  |                 |          |
|      |  |                         | DL Max TFS   | 16   |                 |          |
|      |  |                         | DL Max TF  | 32   |                 |          |
|      |  |                         | DL TC  | N/A  |                 |          |
|      |  |                         | UL Max TB bits   | 640  |                 |          |
|      |  |                         | UL Max CC TB bits  | 640  |                 |          |
|      |  |                         | UL Max TC TB bits  | N/A  |                 |          |
|      |  |                         | UL Max TrCHs   | 4  |                 |          |
|      |  |                         | UL Max TTI TB  | 4  |                 |          |
|      |  |                         | UL Max TFS   | 16   |                 |          |
|      |  |                         | UL Max TF  | 32   |                 |          |
|      |  |                         | UL TC  | N/A  |                 |          |
|      |  |                         | Other required UE radio access capability                    | None   |                 |          |
| 4b   | Conversational / speech / UL:(12.2 7.4 5.9 4.75) DL:(12.2 7.4 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH | 34.108<br>6.10.2.4.1.4b | DL Max TB bits   | 640  | pc_RAB_A_18c_4b |          |
|      |  |                         | DL Max CC TB bits  | 640  |                 |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|-------------------------|--|--|-----------------|----------|
|      |  |                         | DL Max TC TB bits  | N/A  |                 |          |
|      |  |                         | DL Max TrCHs   | 8  |                 |          |
|      |  |                         | DL Max CCTrCH  | 1  |                 |          |
|      |  |                         | DL Max TTI TB  | 8  |                 |          |
|      |  |                         | DL Max TFS   | 32   |                 |          |
|      |  |                         | DL Max TF  | 32   |                 |          |
|      |  |                         | DL TC  | N/A  |                 |          |
|      |  |                         | UL Max TB bits   | 640  |                 |          |
|      |  |                         | UL Max CC TB bits  | 640  |                 |          |
|      |  |                         | UL Max TC TB bits  | N/A  |                 |          |
|      |  |                         | UL Max TrCHs   | 4  |                 |          |
|      |  |                         | UL Max TTI TB  | 4  |                 |          |
|      |  |                         | UL Max TFS   | 8  |                 |          |
|      |  |                         | UL Max TF  | 32   |                 |          |
|      |  |                         | UL TC  | N/A  |                 |          |
|      |  |                         | Other required UE radio access capability                    | None   |                 |          |
| 5    | Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.10.2.4.1.5  | Same as for item 4.  |  | pc_RAB_A_18c_5  |          |
| 5a   | Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.5a | Same as for item 4a.   |  | pc_RAB_A_18c_5a |          |
| 6    | Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.10.2.4.1.6  | Same as for item 4.  |  | pc_RAB_A_18c_6  |          |
| 7    | Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.2.4.1.7  | Same as for item 4.  |  | pc_RAB_A_18c_7  |          |
| 7a   | Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.10.2.4.1.7a | Same as for item 4a.   |  | pc_RAB_A_18c_7a |          |
| 8    | Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                       | 34.108<br>6.10.2.4.1.8  | Same as for item 4.  |  | pc_RAB_A_18c_8  |          |
| 9    | Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                       | 34.108<br>6.10.2.4.1.9  | Same as for item 4.  |  | pc_RAB_A_18c_9  |          |
| 10   | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.10.2.4.1.10 | Same as for item 4.  |  | pc_RAB_A_18c_10 |          |
| 11   | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.10.2.4.1.11 | Same as for item 4.  |  | pc_RAB_A_18c_11 |          |
| 12   | Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                    | 34.108<br>6.10.2.4.1.12 | DL Max TB bits   | 2560   | pc_RAB_A_18c_12 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                 |          |
|      |  |                         | DL Max TC TB bits  | 1280   |                 |          |
|      |  |                         | DL Max TrCHs   | 4  |                 |          |
|      |  |                         | DL Max CCTrCH  | 1  |                 |          |
|      |  |                         | DL Max TTI TB  | 4  |                 |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                             | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|--|--|-------------------|----------|
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 2560   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 1280   |                   |          |
|      |   |                         | UL Max TrCHs   | 4  |                   |          |
|      |   |                         | UL Max TTI TB  | 4  |                   |          |
|      |   |                         | UL Max TFS   | 8  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Y  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 13.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.13 | DL Max TB bits   | 2560   | pc_RAB_A_18c_13_1 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 1280   |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 4  |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 2560   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 1280   |                   |          |
|      |   |                         | UL Max TrCHs   | 4  |                   |          |
|      |   |                         | UL Max TTI TB  | 4  |                   |          |
|      |   |                         | UL Max TFS   | 8  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Y  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 13.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.10.2.4.1.13 | DL Max TB bits   | 3840   | pc_RAB_A_18c_13_2 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 8  |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 3840   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | UL Max TrCHs   | 4  |                   |          |
|      |   |                         | UL Max TTI TB  | 8  |                   |          |
|      |   |                         | UL Max TFS   | 8  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |



| Item  | FDD interoperability radio bearer configuration for combination on DPCH                             | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|-------|---|-------------------------|--|--|-------------------|----------|
|       |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 14.1  | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.14 | DL Max TB bits   | 1280   | pc_RAB_A_18c_14_1 |          |
|       |   |                         | DL Max CC TB bits  | 640  |                   |          |
|       |   |                         | DL Max TC TB bits  | 640  |                   |          |
|       |   |                         | DL Max TrCHs   | 4  |                   |          |
|       |   |                         | DL Max CCTrCH  | 1  |                   |          |
|       |   |                         | DL Max TTI TB  | 4  |                   |          |
|       |   |                         | DL Max TFS   | 16   |                   |          |
|       |   |                         | DL Max TF  | 32   |                   |          |
|       |   |                         | DL TC  | Yes  |                   |          |
|       |   |                         | UL Max TB bits   | 1280   |                   |          |
|       |   |                         | UL Max CC TB bits  | 640  |                   |          |
|       |   |                         | UL Max TC TB bits  | 640  |                   |          |
|       |   |                         | UL Max TrCHs   | 4  |                   |          |
|       |   |                         | UL Max TTI TB  | 4  |                   |          |
|       |   |                         | UL Max TFS   | 8  |                   |          |
|       |   |                         | UL Max TF  | 32   |                   |          |
| UL TC | Yes   |                         |  |  |                   |          |
|       |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 14.2  | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.10.2.4.1.14 | DL Max TB bits   | 2560   | pc_RAB_A_18c_14_2 |          |
|       |   |                         | DL Max CC TB bits  | 640  |                   |          |
|       |   |                         | DL Max TC TB bits  | 1280   |                   |          |
|       |   |                         | DL Max TrCHs   | 4  |                   |          |
|       |   |                         | DL Max CCTrCH  | 1  |                   |          |
|       |   |                         | DL Max TTI TB  | 4  |                   |          |
|       |   |                         | DL Max TFS   | 16   |                   |          |
|       |   |                         | DL Max TF  | 32   |                   |          |
|       |   |                         | DL TC  | Yes  |                   |          |
|       |   |                         | UL Max TB bits   | 2560   |                   |          |
|       |   |                         | UL Max CC TB bits  | 640  |                   |          |
|       |   |                         | UL Max TC TB bits  | 1280   |                   |          |
|       |   |                         | UL Max TrCHs   | 4  |                   |          |
|       |   |                         | UL Max TTI TB  | 4  |                   |          |
|       |   |                         | UL Max TFS   | 8  |                   |          |
|       |   |                         | UL Max TF  | 32   |                   |          |
| UL TC | Yes   |                         |  |  |                   |          |
|       |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 15    | Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH              | 34.108<br>6.10.2.4.1.15 | DL Max TB bits   | 1280   | pc_RAB_A_18c_15   |          |
|       |   |                         | DL Max CC TB bits  | 640  |                   |          |
|       |   |                         | DL Max TC TB bits  | 640  |                   |          |
|       |   |                         | DL Max TrCHs   | 4  |                   |          |
|       |   |                         | DL Max CCTrCH  | 1  |                   |          |
|       |   |                         | DL Max TTI TB  | 4  |                   |          |
|       |   |                         | DL Max TFS   | 16   |                   |          |
|       |   |                         | DL Max TF  | 32   |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|-------------------------|--|--|-----------------|----------|
|      |  |                         | DL TC  | Yes  |                 |          |
|      |  |                         | UL Max TB bits   | 1280   |                 |          |
|      |  |                         | UL Max CC TB bits  | 640  |                 |          |
|      |  |                         | UL Max TC TB bits  | 640  |                 |          |
|      |  |                         | UL Max TrCHs   | 2  |                 |          |
|      |  |                         | UL Max TTI TB  | 2  |                 |          |
|      |  |                         | UL Max TFS   | 4  |                 |          |
|      |  |                         | UL Max TF  | 32   |                 |          |
|      |  |                         | UL TC  | Yes  |                 |          |
|      |  |                         | Other required UE radio access capability                    | None   |                 |          |
| 16   | Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.16 | DL Max TB bits   | 2560   | pc_RAB_A_18c_16 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                 |          |
|      |  |                         | DL Max TC TB bits  | 1280   |                 |          |
|      |  |                         | DL Max TrCHs   | 4  |                 |          |
|      |  |                         | DL Max CCTrCH  | 1  |                 |          |
|      |  |                         | DL Max TTI TB  | 4  |                 |          |
|      |  |                         | DL Max TFS   | 16   |                 |          |
|      |  |                         | DL Max TF  | 32   |                 |          |
|      |  |                         | DL TC  | Yes  |                 |          |
|      |  |                         | UL Max TB bits   | 2560   |                 |          |
|      |  |                         | UL Max CC TB bits  | 640  |                 |          |
|      |  |                         | UL Max TC TB bits  | 1280   |                 |          |
|      |  |                         | UL Max TrCHs   | 4  |                 |          |
|      |  |                         | UL Max TTI TB  | 4  |                 |          |
|      |  |                         | UL Max TFS   | 8  |                 |          |
|      |  |                         | UL Max TF  | 32   |                 |          |
|      |  |                         | UL TC  | Yes  |                 |          |
|      |  |                         | Other required UE radio access capability                    | None   |                 |          |
| 17   | Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.17 | DL Max TB bits   | 2560   | pc_RAB_A_18c_17 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                 |          |
|      |  |                         | DL Max TC TB bits  | 2560   |                 |          |
|      |  |                         | DL Max TrCHs   | 4  |                 |          |
|      |  |                         | DL Max CCTrCH  | 1  |                 |          |
|      |  |                         | DL Max TTI TB  | 8  |                 |          |
|      |  |                         | DL Max TFS   | 16   |                 |          |
|      |  |                         | DL Max TF  | 32   |                 |          |
|      |  |                         | DL TC  | Yes  |                 |          |
|      |  |                         | UL Max TB bits   | 2560   |                 |          |
|      |  |                         | UL Max CC TB bits  | 640  |                 |          |
|      |  |                         | UL Max TC TB bits  | 2560   |                 |          |
|      |  |                         | UL Max TrCHs   | 4  |                 |          |
|      |  |                         | UL Max TTI TB  | 8  |                 |          |
|      |  |                         | UL Max TFS   | 16   |                 |          |
|      |  |                         | UL Max TF  | 32   |                 |          |
|      |  |                         | UL TC  | Yes  |                 |          |
|      |  |                         | Other required UE radio access capability                    | None   |                 |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH                                   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|--|--|-------------------|----------|
| 18  | Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note         | 34.108<br>6.10.2.4.1.18 | DL Max TB bits   | 3840   | pc_RAB_A_18c_18   |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | DL Max TrCHs   | 4  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 16   |                   |          |
|   |   |                         | DL Max TFS   | 16   |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |
|   |   |                         | DL TC  | Yes  |                   |          |
|   |   |                         | UL Max TB bits   | 1280   |                   |          |
|   |   |                         | UL Max CC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TrCHs   | 2  |                   |          |
|   |   |                         | UL Max TTI TB  | 2  |                   |          |
|   |   |                         | UL Max TFS   | 4  |                   |          |
|   |   |                         | UL Max TF  | 32   |                   |          |
| UL TC                                     | Yes   |                         |  |  |                   |          |
| Other required UE radio access capability | None  |                         |  |  |                   |          |
| 19  | Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note         | 34.108<br>6.10.2.4.1.19 | DL Max TB bits   | 1280   | pc_RAB_A_18c_19   |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TrCHs   | 4  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 4  |                   |          |
|   |   |                         | DL Max TFS   | 16   |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |
|   |   |                         | DL TC  | Yes  |                   |          |
|   |   |                         | UL Max TB bits   | 3840   |                   |          |
|   |   |                         | UL Max CC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | UL Max TrCHs   | 2  |                   |          |
|   |   |                         | UL Max TTI TB  | 16   |                   |          |
|   |   |                         | UL Max TFS   | 16   |                   |          |
|   |   |                         | UL Max TF  | 32   |                   |          |
| UL TC                                     | Yes   |                         |  |  |                   |          |
| Other required UE radio access capability | None  |                         |  |  |                   |          |
| 20  | Void  |                         |  |  |                   |          |
| 21  | Void  |                         |  |  |                   |          |
| 22  | Void  |                         |  |  |                   |          |
| 23.1                                      | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI) | 34.108<br>6.10.2.4.1.23 | DL Max TB bits   | 640  | pc_RAB_A_18c_23_1 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TrCHs   | 4  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 4  |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                                   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|--|--|-------------------|----------|
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 640  |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TrCHs   | 2  |                   |          |
|      |   |                         | UL Max TTI TB  | 2  |                   |          |
|      |   |                         | UL Max TFS   | 4  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 23.2 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | 34.108<br>6.10.2.4.1.23 | DL Max TB bits   | 640  | pc_RAB_A_18c_23_2 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 4  |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 1280   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 1280   |                   |          |
|      |   |                         | UL Max TrCHs   | 2  |                   |          |
|      |   |                         | UL Max TTI TB  | 4  |                   |          |
|      |   |                         | UL Max TFS   | 8  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 23.3 | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | 34.108<br>6.10.2.4.1.23 | DL Max TB bits   | 640  | pc_RAB_A_18c_23_3 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | N/A  |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 4  |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | N/A  |                   |          |
|      |   |                         | UL Max TB bits   | 640  |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | N/A  |                   |          |
|      |   |                         | UL Max TrCHs   | 2  |                   |          |
|      |   |                         | UL Max TTI TB  | 2  |                   |          |
|      |   |                         | UL Max TFS   | 4  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | N/A  |                   |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH                                   | Ref.                     | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic           | Comments |
|---|---|--------------------------|--|--|--------------------|----------|
| 23.4                                      | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | 34.108<br>6.10.2.4.1.23  | DL Max TB bits   | 640  | pc_RAB_A_18c_23_4  |          |
|   |   |                          | DL Max CC TB bits  | 640  |                    |          |
|   |   |                          | DL Max TC TB bits  | N/A  |                    |          |
|   |   |                          | DL Max TrCHs   | 4  |                    |          |
|   |   |                          | DL Max CCTrCH  | 1  |                    |          |
|   |   |                          | DL Max TTI TB  | 4  |                    |          |
|   |   |                          | DL Max TFS   | 16   |                    |          |
|   |   |                          | DL Max TF  | 32   |                    |          |
|   |   |                          | DL TC  | N/A  |                    |          |
|   |   |                          | UL Max TB bits   | 1280   |                    |          |
|   |   |                          | UL Max CC TB bits  | 1280   |                    |          |
|   |   |                          | UL Max TC TB bits  | N/A  |                    |          |
|   |   |                          | UL Max TrCHs   | 2  |                    |          |
|   |   |                          | UL Max TTI TB  | 4  |                    |          |
|   |   |                          | UL Max TFS   | 8  |                    |          |
|   |   |                          | UL Max TF  | 32   |                    |          |
| UL TC                                     | N/A   |                          |  |  |                    |          |
| Other required UE radio access capability | None  |                          |  |  |                    |          |
| 23a.1                                     | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC)             | 34.108<br>6.10.2.4.1.23a | DL Max TB bits   | 640  | pc_RAB_A_18c_23a_1 |          |
|   |   |                          | DL Max CC TB bits  | 640  |                    |          |
|   |   |                          | DL Max TC TB bits  | N/A  |                    |          |
|   |   |                          | DL Max TrCHs   | 4  |                    |          |
|   |   |                          | DL Max CCTrCH  | 1  |                    |          |
|   |   |                          | DL Max TTI TB  | 4  |                    |          |
|   |   |                          | DL Max TFS   | 16   |                    |          |
|   |   |                          | DL Max TF  | 32   |                    |          |
|   |   |                          | DL TC  | N/A  |                    |          |
|   |   |                          | UL Max TB bits   | 640  |                    |          |
|   |   |                          | UL Max CC TB bits  | 640  |                    |          |
|   |   |                          | UL Max TC TB bits  | N/A  |                    |          |
|   |   |                          | UL Max TrCHs   | 2  |                    |          |
|   |   |                          | UL Max TTI TB  | 4  |                    |          |
|   |   |                          | UL Max TFS   | 4  |                    |          |
|   |   |                          | UL Max TF  | 32   |                    |          |
| UL TC                                     | N/A   |                          |  |  |                    |          |
| Other required UE radio access capability | None  |                          |  |  |                    |          |
| 23a.2                                     | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC)             | 34.108<br>6.10.2.4.1.23a | DL Max TB bits   | 640  | pc_RAB_A_18c_23a_2 |          |
|   |   |                          | DL Max CC TB bits  | 640  |                    |          |
|   |   |                          | DL Max TC TB bits  | 640  |                    |          |
|   |   |                          | DL Max TrCHs   | 4  |                    |          |
|   |   |                          | DL Max CCTrCH  | 1  |                    |          |
|   |   |                          | DL Max TTI TB  | 4  |                    |          |
|   |   |                          | DL Max TFS   | 16   |                    |          |
|   |   |                          | DL Max TF  | 32   |                    |          |
|   |   |                          | DL TC  | Yes  |                    |          |
|   |   |                          | UL Max TB bits   | 640  |                    |          |
|   |   |                          | UL Max CC TB bits  | 640  |                    |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                               | Ref.                     | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|--------------------------|--|--|-------------------|----------|
|      |   |                          | UL Max TC TB bits  | 640  |                   |          |
|      |   |                          | UL Max TrCHs   | 2  |                   |          |
|      |   |                          | UL Max TTI TB  | 2  |                   |          |
|      |   |                          | UL Max TFS   | 4  |                   |          |
|      |   |                          | UL Max TF  | 32   |                   |          |
|      |   |                          | UL TC  | Yes  |                   |          |
|      |   |                          | Other required UE radio access capability                    | None   |                   |          |
| 23b  | Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.             | 34.108<br>6.10.2.4.1.23b | DL Max TB bits   | 1280   | pc_RAB_A_18c_23b  |          |
|      |   |                          | DL Max CC TB bits  | 640  |                   |          |
|      |   |                          | DL Max TC TB bits  | 1280   |                   |          |
|      |   |                          | DL Max TrCHs   | 4  |                   |          |
|      |   |                          | DL Max CCTrCH  | 1  |                   |          |
|      |   |                          | DL Max TTI TB  | 4  |                   |          |
|      |   |                          | DL Max TFS   | 16   |                   |          |
|      |   |                          | DL Max TF  | 32   |                   |          |
|      |   |                          | DL TC  | Yes  |                   |          |
|      |   |                          | UL Max TB bits   | 1280   |                   |          |
|      |   |                          | UL Max CC TB bits  | 640  |                   |          |
|      |   |                          | UL Max TC TB bits  | 1280   |                   |          |
|      |   |                          | UL Max TrCHs   | 2  |                   |          |
|      |   |                          | UL Max TTI TB  | 4  |                   |          |
|      |   |                          | UL Max TFS   | 8  |                   |          |
|      |   |                          | UL Max TF  | 32   |                   |          |
|      |   |                          | UL TC  | Yes  |                   |          |
|      |   |                          | Other required UE radio access capability                    | None   |                   |          |
| 23c  | Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.             | 34.108<br>6.10.2.4.1.23c | Same as for item 26  |  | pc_RAB_A_18c_23c  |          |
| 23d  | Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.10.2.4.1.23d | Same as for item 23b   |  | pc_RAB_A_18c_23d  |          |
| 24.1 | Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / TC          | 34.108<br>6.10.2.4.1.24  | DL Max TB bits   | 640  | pc_RAB_A_18c_24_1 |          |
|      |   |                          | DL Max CC TB bits  | 640  |                   |          |
|      |   |                          | DL Max TC TB bits  | 640  |                   |          |
|      |   |                          | DL Max TrCHs   | 4  |                   |          |
|      |   |                          | DL Max CCTrCH  | 1  |                   |          |
|      |   |                          | DL Max TTI TB  | 4  |                   |          |
|      |   |                          | DL Max TFS   | 16   |                   |          |
|      |   |                          | DL Max TF  | 32   |                   |          |
|      |   |                          | DL TC  | Yes  |                   |          |
|      |   |                          | UL Max TB bits   | 2560   |                   |          |
|      |   |                          | UL Max CC TB bits  | 640  |                   |          |
|      |   |                          | UL Max TC TB bits  | 2560   |                   |          |
|      |   |                          | UL Max TrCHs   | 2  |                   |          |
|      |   |                          | UL Max TTI TB  | 8  |                   |          |
|      |   |                          | UL Max TFS   | 16   |                   |          |
|      |   |                          | UL Max TF  | 32   |                   |          |
|      |   |                          | UL TC  | Yes  |                   |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH                                     | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|--|--|-------------------|----------|
|   |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 24.2                                      | Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / CC                | 34.108<br>6.10.2.4.1.24 | DL Max TB bits   | 640  | pc_RAB_A_18c_24_2 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | N/A  |                   |          |
|   |   |                         | DL Max TrCHs   | 4  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 4  |                   |          |
|   |   |                         | DL Max TFS   | 16   |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |
|   |   |                         | DL TC  | N/A  |                   |          |
|   |   |                         | UL Max TB bits   | 2560   |                   |          |
|   |   |                         | UL Max CC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | UL Max TrCHs   | 2  |                   |          |
|   |   |                         | UL Max TTI TB  | 8  |                   |          |
|   |   |                         | UL Max TFS   | 16   |                   |          |
|   |   |                         | UL Max TF  | 32   |                   |          |
| UL TC                                     | Yes   |                         |  |  |                   |          |
| Other required UE radio access capability | None  |                         |  |  |                   |          |
| 25.1                                      | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)  | 34.108<br>6.10.2.4.1.25 | DL Max TB bits   | 2560   | pc_RAB_A_18c_25_1 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | DL Max TrCHs   | 4  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 8  |                   |          |
|   |   |                         | DL Max TFS   | 16   |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |
|   |   |                         | DL TC  | Yes  |                   |          |
|   |   |                         | UL Max TB bits   | 640  |                   |          |
|   |   |                         | UL Max CC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TrCHs   | 2  |                   |          |
|   |   |                         | UL Max TTI TB  | 2  |                   |          |
|   |   |                         | UL Max TFS   | 4  |                   |          |
|   |   |                         | UL Max TF  | 32   |                   |          |
| UL TC                                     | Yes   |                         |  |  |                   |          |
| Other required UE radio access capability | None  |                         |  |  |                   |          |
| 25.2                                      | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | 34.108<br>6.10.2.4.1.25 | DL Max TB bits   | 2560   | pc_RAB_A_18c_25_2 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | DL Max TrCHs   | 4  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 8  |                   |          |
|   |   |                         | DL Max TFS   | 16   |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |
|   |   |                         | DL TC  | Yes  |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                                     | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|--|--|-------------------|----------|
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 1280   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 1280   |                   |          |
|      |   |                         | UL Max TrCHs   | 2  |                   |          |
|      |   |                         | UL Max TTI TB  | 4  |                   |          |
|      |   |                         | UL Max TFS   | 8  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 25.3 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | 34.108<br>6.10.2.4.1.25 | DL Max TB bits   | 2560   | pc_RAB_A_18c_25_3 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 8  |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 640  |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | N/A  |                   |          |
|      |   |                         | UL Max TrCHs   | 2  |                   |          |
|      |   |                         | UL Max TTI TB  | 2  |                   |          |
|      |   |                         | UL Max TFS   | 4  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 25.4 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | 34.108<br>6.10.2.4.1.25 | DL Max TB bits   | 2560   | pc_RAB_A_18c_25_4 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 8  |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 1280   |                   |          |
|      |   |                         | UL Max CC TB bits  | 1280   |                   |          |
|      |   |                         | UL Max TC TB bits  | N/A  |                   |          |
|      |   |                         | UL Max TrCHs   | 2  |                   |          |
|      |   |                         | UL Max TTI TB  | 4  |                   |          |
|      |   |                         | UL Max TFS   | 8  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |



| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH                    | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic        | Comments |
|---|--|-------------------------|--|--|-----------------|----------|
| 26  | Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.2.4.1.26 | DL Max TB bits   | 2560   | pc_RAB_A_18c_26 |          |
|   |  |                         | DL Max CC TB bits  | 640  |                 |          |
|   |  |                         | DL Max TC TB bits  | 2560   |                 |          |
|   |  |                         | DL Max TrCHs   | 4  |                 |          |
|   |  |                         | DL Max CCTrCH  | 1  |                 |          |
|   |  |                         | DL Max TTI TB  | 8  |                 |          |
|   |  |                         | DL Max TFS   | 16   |                 |          |
|   |  |                         | DL Max TF  | 32   |                 |          |
|   |  |                         | DL TC  | Yes  |                 |          |
|   |  |                         | UL Max TB bits   | 2560   |                 |          |
|   |  |                         | UL Max CC TB bits  | 640  |                 |          |
|   |  |                         | UL Max TC TB bits  | 2560   |                 |          |
|   |  |                         | UL Max TrCHs   | 2  |                 |          |
|   |  |                         | UL Max TTI TB  | 8  |                 |          |
|   |  |                         | UL Max TFS   | 16   |                 |          |
|   |  |                         | UL Max TF  | 32   |                 |          |
|   |  |                         | UL TC  | Yes  |                 |          |
| Other required UE radio access capability | None   |                         |  |  |                 |          |
| 27  | Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.2.4.1.27 | DL Max TB bits   | 3840   | pc_RAB_A_18c_27 |          |
|   |  |                         | DL Max CC TB bits  | 640  |                 |          |
|   |  |                         | DL Max TC TB bits  | 3840   |                 |          |
|   |  |                         | DL Max TrCHs   | 4  |                 |          |
|   |  |                         | DL Max CCTrCH  | 1  |                 |          |
|   |  |                         | DL Max TTI TB  | 16   |                 |          |
|   |  |                         | DL Max TFS   | 16   |                 |          |
|   |  |                         | DL Max TF  | 32   |                 |          |
|   |  |                         | DL TC  | Yes  |                 |          |
|   |  |                         | UL Max TB bits   | 2560   |                 |          |
|   |  |                         | UL Max CC TB bits  | 640  |                 |          |
|   |  |                         | UL Max TC TB bits  | 2560   |                 |          |
|   |  |                         | UL Max TrCHs   | 2  |                 |          |
|   |  |                         | UL Max TTI TB  | 8  |                 |          |
|   |  |                         | UL Max TFS   | 16   |                 |          |
|   |  |                         | UL Max TF  | 32   |                 |          |
|   |  |                         | UL TC  | Yes  |                 |          |
| Other required UE radio access capability | None   |                         |  |  |                 |          |
| 28  | Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.28 | DL Max TB bits   | 3840   | pc_RAB_A_18c_28 |          |
|   |  |                         | DL Max CC TB bits  | 640  |                 |          |
|   |  |                         | DL Max TC TB bits  | 3840   |                 |          |
|   |  |                         | DL Max TrCHs   | 4  |                 |          |
|   |  |                         | DL Max CCTrCH  | 1  |                 |          |
|   |  |                         | DL Max TTI TB  | 16   |                 |          |
|   |  |                         | DL Max TFS   | 16   |                 |          |
|   |  |                         | DL Max TF  | 32   |                 |          |
|   |  |                         | DL TC  | Yes  |                 |          |
|   |  |                         | UL Max TB bits   | 3840   |                 |          |
|   |  |                         | UL Max CC TB bits  | 640  |                 |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|--|--|-------------------|----------|
|      |  |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 16   |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 29   | Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH             | 34.108<br>6.10.2.4.1.29 | DL Max TB bits   | 3840   | pc_RAB_A_18c_29   |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 3840   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 16   |                   |          |
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 2560   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 30   | Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH            | 34.108<br>6.10.2.4.1.30 | DL Max TB bits   | 3840   | pc_RAB_A_18c_30   |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 3840   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 16   |                   |          |
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 3840   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 16   |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 31.1 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.2.4.1.31 | DL Max TB bits   | 3840   | pc_RAB_A_18c_31_1 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|--|--|-------------------|----------|
|      |  |                         | DL Max TC TB bits  | 3840   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 16   |                   |          |
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 2560   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 31.2 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.31 | DL Max TB bits   | 6400   | pc_RAB_A_18c_31_2 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 6400   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 32   |                   |          |
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 2560   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 32.1 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.2.4.1.32 | DL Max TB bits   | 5120   | pc_RAB_A_18c_32_1 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 5120   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 16   |                   |          |
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 2560   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|--|--|-------------------|----------|
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 32.2 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.32 | DL Max TB bits   | 8960   | pc_RAB_A_18c_32_2 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 8960   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 32   |                   |          |
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 2560   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 33.1 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.2.4.1.33 | DL Max TB bits   | 5120   | pc_RAB_A_18c_33_1 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 5120   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 16   |                   |          |
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 3840   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 16   |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 33.2 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.33 | DL Max TB bits   | 8960   | pc_RAB_A_18c_33_2 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 8960   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 32   |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|--|--|-------------------|----------|
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 3840   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 16   |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 34.1 | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.2.4.1.34 | DL Max TB bits   | 5120   | pc_RAB_A_18c_34_1 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 5120   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 16   |                   |          |
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 5120   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 5120   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 16   |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 34.2 | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.34 | DL Max TB bits   | 8960   | pc_RAB_A_18c_34_2 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 8960   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 32   |                   |          |
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 8960   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 8960   |                   |          |
|      |  |                         | UL Max TrCHs   | 2  |                   |          |
|      |  |                         | UL Max TTI TB  | 32   |                   |          |
|      |  |                         | UL Max TFS   | 32   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |

| Item  | FDD interoperability radio bearer configuration for combination on DPCH                                 | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|-------|---|-------------------------|--|--|-------------------|----------|
|       |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 35.1  | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI  | 34.108<br>6.10.2.4.1.35 | DL Max TB bits   | 40960  | pc_RAB_A_18c_35_1 |          |
|       |   |                         | DL Max CC TB bits  | 640  |                   |          |
|       |   |                         | DL Max TC TB bits  | 40960  |                   |          |
|       |   |                         | DL Max TrCHs   | 4  |                   |          |
|       |   |                         | DL Max CCTrCH  | 1  |                   |          |
|       |   |                         | DL Max TTI TB  | 64   |                   |          |
|       |   |                         | DL Max TFS   | 32   |                   |          |
|       |   |                         | DL Max TF  | 32   |                   |          |
|       |   |                         | DL TC  | Yes  |                   |          |
|       |   |                         | UL Max TB bits   | 2560   |                   |          |
|       |   |                         | UL Max CC TB bits  | 640  |                   |          |
|       |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|       |   |                         | UL Max TrCHs   | 2  |                   |          |
|       |   |                         | UL Max TTI TB  | 8  |                   |          |
|       |   |                         | UL Max TFS   | 16   |                   |          |
|       |   |                         | UL Max TF  | 32   |                   |          |
| UL TC | Yes   |                         |  |  |                   |          |
|       |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 35.2  | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI  | 34.108<br>6.10.2.4.1.35 | DL Max TB bits   | 81920  | pc_RAB_A_18c_35_2 |          |
|       |   |                         | DL Max CC TB bits  | 640  |                   |          |
|       |   |                         | DL Max TC TB bits  | 81920  |                   |          |
|       |   |                         | DL Max TrCHs   | 4  |                   |          |
|       |   |                         | DL Max CCTrCH  | 1  |                   |          |
|       |   |                         | DL Max TTI TB  | 96   |                   |          |
|       |   |                         | DL Max TFS   | 64   |                   |          |
|       |   |                         | DL Max TF  | 32   |                   |          |
|       |   |                         | DL TC  | Yes  |                   |          |
|       |   |                         | UL Max TB bits   | 2560   |                   |          |
|       |   |                         | UL Max CC TB bits  | 640  |                   |          |
|       |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|       |   |                         | UL Max TrCHs   | 2  |                   |          |
|       |   |                         | UL Max TTI TB  | 8  |                   |          |
|       |   |                         | UL Max TFS   | 16   |                   |          |
|       |   |                         | UL Max TF  | 32   |                   |          |
| UL TC | Yes   |                         |  |  |                   |          |
|       |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 36.1  | Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.2.4.1.36 | DL Max TB bits   | 40960  | pc_RAB_A_18c_36_1 |          |
|       |   |                         | DL Max CC TB bits  | 640  |                   |          |
|       |   |                         | DL Max TC TB bits  | 40960  |                   |          |
|       |   |                         | DL Max TrCHs   | 4  |                   |          |
|       |   |                         | DL Max CCTrCH  | 1  |                   |          |
|       |   |                         | DL Max TTI TB  | 64   |                   |          |
|       |   |                         | DL Max TFS   | 32   |                   |          |
|       |   |                         | DL Max TF  | 32   |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH                                 | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|--|--|-------------------|----------|
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 3840   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |   |                         | UL Max TrCHs   | 2  |                   |          |
|      |   |                         | UL Max TTI TB  | 16   |                   |          |
|      |   |                         | UL Max TFS   | 16   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 36.2 | Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.36 | DL Max TB bits   | 81920  | pc_RAB_A_18c_36_2 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 81920  |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 96   |                   |          |
|      |   |                         | DL Max TFS   | 64   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 3840   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |   |                         | UL Max TrCHs   | 2  |                   |          |
|      |   |                         | UL Max TTI TB  | 16   |                   |          |
|      |   |                         | UL Max TFS   | 16   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 37.1 | Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.2.4.1.37 | DL Max TB bits   | 40960  | pc_RAB_A_18c_37_1 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 40960  |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 64   |                   |          |
|      |   |                         | DL Max TFS   | 32   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 5120   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 5120   |                   |          |
|      |   |                         | UL Max TrCHs   | 2  |                   |          |
|      |   |                         | UL Max TTI TB  | 16   |                   |          |
|      |   |                         | UL Max TFS   | 16   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|--|--|-------------------|----------|
| 37.2                                      | Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI  | 34.108<br>6.10.2.4.1.37 | DL Max TB bits   | 81920  | pc_RAB_A_18c_37_2 |          |
|   |  |                         | DL Max CC TB bits  | 640  |                   |          |
|   |  |                         | DL Max TC TB bits  | 81920  |                   |          |
|   |  |                         | DL Max TrCHs   | 4  |                   |          |
|   |  |                         | DL Max CCTrCH  | 1  |                   |          |
|   |  |                         | DL Max TTI TB  | 96   |                   |          |
|   |  |                         | DL Max TFS   | 64   |                   |          |
|   |  |                         | DL Max TF  | 32   |                   |          |
|   |  |                         | DL TC  | Yes  |                   |          |
|   |  |                         | UL Max TB bits   | 8960   |                   |          |
|   |  |                         | UL Max CC TB bits  | 640  |                   |          |
|   |  |                         | UL Max TC TB bits  | 8960   |                   |          |
|   |  |                         | UL Max TrCHs   | 2  |                   |          |
|   |  |                         | UL Max TTI TB  | 32   |                   |          |
|   |  |                         | UL Max TFS   | 32   |                   |          |
|   |  |                         | UL Max TF  | 32   |                   |          |
|   |  |                         | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | None   |                         |  |  |                   |          |
| 38.1                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI | 34.108<br>6.10.2.4.1.38 | DL Max TB bits   | 1280   | pc_RAB_A_18c_38_1 |          |
|   |  |                         | DL Max CC TB bits  | 640  |                   |          |
|   |  |                         | DL Max TC TB bits  | 640  |                   |          |
|   |  |                         | DL Max TrCHs   | 8  |                   |          |
|   |  |                         | DL Max CCTrCH  | 1  |                   |          |
|   |  |                         | DL Max TTI TB  | 8  |                   |          |
|   |  |                         | DL Max TFS   | 16   |                   |          |
|   |  |                         | DL Max TF  | 32   |                   |          |
|   |  |                         | DL TC  | Yes  |                   |          |
|   |  |                         | UL Max TB bits   | 1280   |                   |          |
|   |  |                         | UL Max CC TB bits  | 640  |                   |          |
|   |  |                         | UL Max TC TB bits  | 1280   |                   |          |
|   |  |                         | UL Max TrCHs   | 8  |                   |          |
|   |  |                         | UL Max TTI TB  | 8  |                   |          |
|   |  |                         | UL Max TFS   | 16   |                   |          |
|   |  |                         | UL Max TF  | 32   |                   |          |
|   |  |                         | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | None   |                         |  |  |                   |          |
| 38.2                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI | 34.108<br>6.10.2.4.1.38 | DL Max TB bits   | 1280   | pc_RAB_A_18c_38_2 |          |
|   |  |                         | DL Max CC TB bits  | 640  |                   |          |
|   |  |                         | DL Max TC TB bits  | 640  |                   |          |
|   |  |                         | DL Max TrCHs   | 8  |                   |          |
|   |  |                         | DL Max CCTrCH  | 1  |                   |          |
|   |  |                         | DL Max TTI TB  | 8  |                   |          |
|   |  |                         | DL Max TFS   | 16   |                   |          |



| Item | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|--|--|-------------------|----------|
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 1280   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TrCHs   | 8  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 32   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 38.3 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI | 34.108<br>6.10.2.4.1.38 | DL Max TB bits   | 1280   | pc_RAB_A_18c_38_3 |          |
|      |  |                         | DL Max CC TB bits  | 1280   |                   |          |
|      |  |                         | DL Max TC TB bits  | N/A  |                   |          |
|      |  |                         | DL Max TrCHs   | 8  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 8  |                   |          |
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | N/A  |                   |          |
|      |  |                         | UL Max TB bits   | 1280   |                   |          |
|      |  |                         | UL Max CC TB bits  | 1280   |                   |          |
|      |  |                         | UL Max TC TB bits  | N/A  |                   |          |
|      |  |                         | UL Max TrCHs   | 8  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 38.4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI | 34.108<br>6.10.2.4.1.38 | DL Max TB bits   | 1280   | pc_RAB_A_18c_38_4 |          |
|      |  |                         | DL Max CC TB bits  | 1280   |                   |          |
|      |  |                         | DL Max TC TB bits  | N/A  |                   |          |
|      |  |                         | DL Max TrCHs   | 8  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 8  |                   |          |
|      |  |                         | DL Max TFS   | 16   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 1280   |                   |          |
|      |  |                         | UL Max CC TB bits  | 1280   |                   |          |
|      |  |                         | UL Max TC TB bits  | N/A  |                   |          |
|      |  |                         | UL Max TrCHs   | 8  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                     | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic         | Comments |
|------|---|--------------------------|--|--|------------------|----------|
|      |   |                          | UL Max TFS   | 32   |                  |          |
|      |   |                          | UL Max TF  | 32   |                  |          |
|      |   |                          | UL TC  | Yes  |                  |          |
|      |   |                          | Other required UE radio access capability                    | None   |                  |          |
| 38a  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.10.2.4.1.38a | DL Max TB bits   | 640  | pc_RAB_A_18c_38a |          |
|      |   |                          | DL Max CC TB bits  | 640  |                  |          |
|      |   |                          | DL Max TC TB bits  | N/A  |                  |          |
|      |   |                          | DL Max TrCHs   | 8  |                  |          |
|      |   |                          | DL Max CCTrCH  | 1  |                  |          |
|      |   |                          | DL Max TTI TB  | 4  |                  |          |
|      |   |                          | DL Max TFS   | 16   |                  |          |
|      |   |                          | DL Max TF  | 32   |                  |          |
|      |   |                          | DL TC  | N/A  |                  |          |
|      |   |                          | UL Max TB bits   | 640  |                  |          |
|      |   |                          | UL Max CC TB bits  | 640  |                  |          |
|      |   |                          | UL Max TC TB bits  | N/A  |                  |          |
|      |   |                          | UL Max TrCHs   | 8  |                  |          |
|      |   |                          | UL Max TTI TB  | 4  |                  |          |
|      |   |                          | UL Max TFS   | 8  |                  |          |
|      |   |                          | UL Max TF  | 32   |                  |          |
|      |   |                          | UL TC  | N/A  |                  |          |
|      |   |                          | Other required UE radio access capability                    | None   |                  |          |
| 38b  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.10.2.4.1.38b | DL Max TB bits   | 1280   | pc_RAB_A_18c_38b |          |
|      |   |                          | DL Max CC TB bits  | 640  |                  |          |
|      |   |                          | DL Max TC TB bits  | 640  |                  |          |
|      |   |                          | DL Max TrCHs   | 8  |                  |          |
|      |   |                          | DL Max CCTrCH  | 1  |                  |          |
|      |   |                          | DL Max TTI TB  | 8  |                  |          |
|      |   |                          | DL Max TFS   | 16   |                  |          |
|      |   |                          | DL Max TF  | 32   |                  |          |
|      |   |                          | DL TC  | Yes  |                  |          |
|      |   |                          | UL Max TB bits   | 1280   |                  |          |
|      |   |                          | UL Max CC TB bits  | 640  |                  |          |
|      |   |                          | UL Max TC TB bits  | 640  |                  |          |
|      |   |                          | UL Max TrCHs   | 8  |                  |          |
|      |   |                          | UL Max TTI TB  | 8  |                  |          |
|      |   |                          | UL Max TFS   | 16   |                  |          |
|      |   |                          | UL Max TF  | 32   |                  |          |
|      |   |                          | UL TC  | Yes  |                  |          |
|      |   |                          | Other required UE radio access capability                    | None   |                  |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic         | Comments |
|---|--|--------------------------|--|--|------------------|----------|
| 38c                                       | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.10.2.4.1.38c | Same as for item 40  |  | pc_RAB_A_18c_38c |          |
| 38d                                       | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.38d | Same as for item 40  |  |                  |          |
| 38e                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                          | 34.108<br>6.10.2.4.1.38e | DL Max TB bits   | 640  | pc_RAB_A_18c_38e |          |
|   |  |                          | DL Max CC TB bits  | 640  |                  |          |
|   |  |                          | DL Max TC TB bits  | N/A  |                  |          |
|   |  |                          | DL Max TrCHs   | 8  |                  |          |
|   |  |                          | DL Max CCTrCH  | 1  |                  |          |
|   |  |                          | DL Max TTI TB  | 4  |                  |          |
|   |  |                          | DL Max TFS   | 16   |                  |          |
|   |  |                          | DL Max TF  | 32   |                  |          |
|   |  |                          | DL TC  | N/A  |                  |          |
|   |  |                          | UL Max TB bits   | 640  |                  |          |
|   |  |                          | UL Max CC TB bits  | 640  |                  |          |
|   |  |                          | UL Max TC TB bits  | N/A  |                  |          |
|   |  |                          | UL Max TrCHs   | 8  |                  |          |
|   |  |                          | UL Max TTI TB  | 4  |                  |          |
|   |  |                          | UL Max TFS   | 16   |                  |          |
|   |  |                          | UL Max TF  | 32   |                  |          |
| UL TC                                     | N/A  |                          |  |  |                  |          |
| Other required UE radio access capability | None   |                          |  |  |                  |          |
| 38f                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                          | 34.108<br>6.10.2.4.1.38f | DL Max TB bits   | 1280   | pc_RAB_A_18c_38f |          |
|   |  |                          | DL Max CC TB bits  | 640  |                  |          |
|   |  |                          | DL Max TC TB bits  | 640  |                  |          |
|   |  |                          | DL Max TrCHs   | 8  |                  |          |
|   |  |                          | DL Max CCTrCH  | 1  |                  |          |
|   |  |                          | DL Max TTI TB  | 8  |                  |          |
|   |  |                          | DL Max TFS   | 32   |                  |          |
|   |  |                          | DL Max TF  | 32   |                  |          |
|   |  |                          | DL TC  | Yes  |                  |          |
|   |  |                          | UL Max TB bits   | 1280   |                  |          |
|   |  |                          | UL Max CC TB bits  | 640  |                  |          |
|   |  |                          | UL Max TC TB bits  | 640  |                  |          |
|   |  |                          | UL Max TrCHs   | 8  |                  |          |
|   |  |                          | UL Max TTI TB  | 8  |                  |          |
|   |  |                          | UL Max TFS   | 32   |                  |          |
|   |  |                          | UL Max TF  | 32   |                  |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic | Comments |
|------|--|--------------------------|--|--|----------|----------|
|      |  |                          | UL TC  | Yes  |          |          |
|      |  |                          | Other required UE radio access capability                    | None   |          |          |
| 38g  | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.38g | DL Max TB bits   | 1280   |          |          |
|      |  |                          | DL Max CC TB bits  | 640  |          |          |
|      |  |                          | DL Max TC TB bits  | 1280   |          |          |
|      |  |                          | DL Max TrCHs   | 8  |          |          |
|      |  |                          | DL Max CCTrCH  | 1  |          |          |
|      |  |                          | DL Max TTI TB  | 8  |          |          |
|      |  |                          | DL Max TFS   | 48   |          |          |
|      |  |                          | DL Max TF  | 32   |          |          |
|      |  |                          | DL TC  | Yes  |          |          |
|      |  |                          | UL Max TB bits   | 1280   |          |          |
|      |  |                          | UL Max CC TB bits  | 640  |          |          |
|      |  |                          | UL Max TC TB bits  | 1280   |          |          |
|      |  |                          | UL Max TrCHs   | 8  |          |          |
|      |  |                          | UL Max TTI TB  | 8  |          |          |
|      |  |                          | UL Max TFS   | 32   |          |          |
|      |  |                          | UL Max TF  | 32   |          |          |
|      |  |                          | UL TC  | Yes  |          |          |
|      |  |                          | Other required UE radio access capability                    | None   |          |          |
| 38h  | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.38h | DL Max TB bits   | 2560   |          |          |
|      |  |                          | DL Max CC TB bits  | 640  |          |          |
|      |  |                          | DL Max TC TB bits  | 2560   |          |          |
|      |  |                          | DL Max TrCHs   | 8  |          |          |
|      |  |                          | DL Max CCTrCH  | 1  |          |          |
|      |  |                          | DL Max TTI TB  | 8  |          |          |
|      |  |                          | DL Max TFS   | 48   |          |          |
|      |  |                          | DL Max TF  | 32   |          |          |
|      |  |                          | DL TC  | Yes  |          |          |
|      |  |                          | UL Max TB bits   | 2560   |          |          |
|      |  |                          | UL Max CC TB bits  | 640  |          |          |
|      |  |                          | UL Max TC TB bits  | 2560   |          |          |
|      |  |                          | UL Max TrCHs   | 8  |          |          |
|      |  |                          | UL Max TTI TB  | 8  |          |          |
|      |  |                          | UL Max TFS   | 32   |          |          |
|      |  |                          | UL Max TF  | 32   |          |          |
|      |  |                          | UL TC  | Yes  |          |          |
|      |  |                          | Other required UE radio access capability                    | None   |          |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                     | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|--------------------------|--|--|-------------------|----------|
| 38i                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.2.4.1.38i | DL Max TB bits   | 2560   |                   |          |
|   |   |                          | DL Max CC TB bits  | 640  |                   |          |
|   |   |                          | DL Max TC TB bits  | 2560   |                   |          |
|   |   |                          | DL Max TrCHs   | 8  |                   |          |
|   |   |                          | DL Max CCTrCH  | 1  |                   |          |
|   |   |                          | DL Max TTI TB  | 8  |                   |          |
|   |   |                          | DL Max TFS   | 64   |                   |          |
|   |   |                          | DL Max TF  | 32   |                   |          |
|   |   |                          | DL TC  | Yes  |                   |          |
|   |   |                          | UL Max TB bits   | 2560   |                   |          |
|   |   |                          | UL Max CC TB bits  | 640  |                   |          |
|   |   |                          | UL Max TC TB bits  | 2560   |                   |          |
|   |   |                          | UL Max TrCHs   | 8  |                   |          |
|   |   |                          | UL Max TTI TB  | 8  |                   |          |
|   |   |                          | UL Max TFS   | 48   |                   |          |
|   |   |                          | UL Max TF  | 32   |                   |          |
|   |   |                          | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | None  |                          |  |  |                   |          |
| 38j                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.38j | DL Max TB bits   | 3840   |                   |          |
|   |   |                          | DL Max CC TB bits  | 640  |                   |          |
|   |   |                          | DL Max TC TB bits  | 3840   |                   |          |
|   |   |                          | DL Max TrCHs   | 8  |                   |          |
|   |   |                          | DL Max CCTrCH  | 1  |                   |          |
|   |   |                          | DL Max TTI TB  | 16   |                   |          |
|   |   |                          | DL Max TFS   | 64   |                   |          |
|   |   |                          | DL Max TF  | 32   |                   |          |
|   |   |                          | DL TC  | Yes  |                   |          |
|   |   |                          | UL Max TB bits   | 2560   |                   |          |
|   |   |                          | UL Max CC TB bits  | 640  |                   |          |
|   |   |                          | UL Max TC TB bits  | 2560   |                   |          |
|   |   |                          | UL Max TrCHs   | 8  |                   |          |
|   |   |                          | UL Max TTI TB  | 8  |                   |          |
|   |   |                          | UL Max TFS   | 48   |                   |          |
|   |   |                          | UL Max TF  | 32   |                   |          |
|   |   |                          | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | None  |                          |  |  |                   |          |
| 39.1                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)                 | 34.108<br>6.10.2.4.1.39  | DL Max TB bits   | 2560   | pc_RAB_A_18c_39_1 |          |
|   |   |                          | DL Max CC TB bits  | 640  |                   |          |
|   |   |                          | DL Max TC TB bits  | 2560   |                   |          |
|   |   |                          | DL Max TrCHs   | 8  |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|--|--|-------------------|----------|
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 8  |                   |          |
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 1280   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TrCHs   | 8  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 32   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 39.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | 34.108<br>6.10.2.4.1.39 | DL Max TB bits   | 2560   | pc_RAB_A_18c_39_2 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | DL Max TrCHs   | 8  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 8  |                   |          |
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 1280   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 1280   |                   |          |
|      |  |                         | UL Max TrCHs   | 8  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 32   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 39.3 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | 34.108<br>6.10.2.4.1.39 | DL Max TB bits   | 2560   | pc_RAB_A_18c_39_3 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | DL Max TrCHs   | 8  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 8  |                   |          |
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 1280   |                   |          |
|      |  |                         | UL Max CC TB bits  | 1280   |                   |          |
|      |  |                         | UL Max TC TB bits  | N/A  |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|--|--|-------------------|----------|
|      |  |                         | UL Max TrCHs   | 8  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 32   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 39.4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | 34.108<br>6.10.2.4.1.39 | DL Max TB bits   | 2560   | pc_RAB_A_18c_39_4 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | DL Max TrCHs   | 8  |                   |          |
|      |  |                         | DL Max CTrCH   | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 8  |                   |          |
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 1280   |                   |          |
|      |  |                         | UL Max CC TB bits  | 1280   |                   |          |
|      |  |                         | UL Max TC TB bits  | N/A  |                   |          |
|      |  |                         | UL Max TrCHs   | 8  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 40   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH                   | 34.108<br>6.10.2.4.1.40 | DL Max TB bits   | 2560   | pc_RAB_A_18c_40   |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | DL Max TrCHs   | 8  |                   |          |
|      |  |                         | DL Max CTrCH   | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 8  |                   |          |
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 2560   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | UL Max TrCHs   | 8  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 32   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|--|--|-------------------|----------|
| 41  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | 34.108<br>6.10.2.4.1.41 | DL Max TB bits   | 3840   | pc_RAB_A_18c_41   |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 3840   |                   |          |
|   |   |                         | DL Max TrCHs   | 8  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 16   |                   |          |
|   |   |                         | DL Max TFS   | 32   |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |
|   |   |                         | DL TC  | Yes  |                   |          |
|   |   |                         | UL Max TB bits   | 2560   |                   |          |
|   |   |                         | UL Max CC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | UL Max TrCHs   | 8  |                   |          |
|   |   |                         | UL Max TTI TB  | 8  |                   |          |
|   |   |                         | UL Max TFS   | 32   |                   |          |
|   |   |                         | UL Max TF  | 32   |                   |          |
|   |   |                         | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | None  |                         |  |  |                   |          |
| 42.1                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.2.4.1.42 | DL Max TB bits   | 3840   | pc_RAB_A_18c_42_1 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 3840   |                   |          |
|   |   |                         | DL Max TrCHs   | 8  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 16   |                   |          |
|   |   |                         | DL Max TFS   | 32   |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |
|   |   |                         | DL TC  | Yes  |                   |          |
|   |   |                         | UL Max TB bits   | 2560   |                   |          |
|   |   |                         | UL Max CC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | UL Max TrCHs   | 8  |                   |          |
|   |   |                         | UL Max TTI TB  | 8  |                   |          |
|   |   |                         | UL Max TFS   | 32   |                   |          |
|   |   |                         | UL Max TF  | 32   |                   |          |
|   |   |                         | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | None  |                         |  |  |                   |          |
| 42.2                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.42 | DL Max TB bits   | 6400   | pc_RAB_A_18c_42_2 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 6400   |                   |          |
|   |   |                         | DL Max TrCHs   | 8  |                   |          |



| Item | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|--|--|-------------------|----------|
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 32   |                   |          |
|      |   |                         | DL Max TFS   | 64   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 2560   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | UL Max TrCHs   | 8  |                   |          |
|      |   |                         | UL Max TTI TB  | 8  |                   |          |
|      |   |                         | UL Max TFS   | 32   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 43.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.2.4.1.43 | DL Max TB bits   | 5120   | pc_RAB_A_18c_43_1 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 5120   |                   |          |
|      |   |                         | DL Max TrCHs   | 8  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 16   |                   |          |
|      |   |                         | DL Max TFS   | 64   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 2560   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | UL Max TrCHs   | 8  |                   |          |
|      |   |                         | UL Max TTI TB  | 8  |                   |          |
|      |   |                         | UL Max TFS   | 32   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 43.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.43 | DL Max TB bits   | 8960   | pc_RAB_A_18c_43_2 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 8960   |                   |          |
|      |   |                         | DL Max TrCHs   | 8  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 32   |                   |          |
|      |   |                         | DL Max TFS   | 64   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 2560   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 2560   |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|--|--|-------------------|----------|
|      |   |                         | UL Max TrCHs   | 8  |                   |          |
|      |   |                         | UL Max TTI TB  | 8  |                   |          |
|      |   |                         | UL Max TFS   | 32   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 44.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.2.4.1.44 | DL Max TB bits   | 40960  | pc_RAB_A_18c_44_1 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 40960  |                   |          |
|      |   |                         | DL Max TrCHs   | 8  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 64   |                   |          |
|      |   |                         | DL Max TFS   | 96   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 3840   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |   |                         | UL Max TrCHs   | 8  |                   |          |
|      |   |                         | UL Max TTI TB  | 16   |                   |          |
|      |   |                         | UL Max TFS   | 32   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 44.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.44 | DL Max TB bits   | 81920  | pc_RAB_A_18c_44_2 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 81920  |                   |          |
|      |   |                         | DL Max TrCHs   | 8  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 96   |                   |          |
|      |   |                         | DL Max TFS   | 128  |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 3840   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |   |                         | UL Max TrCHs   | 8  |                   |          |
|      |   |                         | UL Max TTI TB  | 16   |                   |          |
|      |   |                         | UL Max TFS   | 32   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|--|--|-------------------|----------|
| 45  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH              | 34.108<br>6.10.2.4.1.45 | DL Max TB bits   | 3840   | pc_RAB_A_18c_45   |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | DL Max TrCHs   | 8  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 8  |                   |          |
|   |   |                         | DL Max TFS   | 32   |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |
|   |   |                         | DL TC  | Yes  |                   |          |
|   |   |                         | UL Max TB bits   | 3840   |                   |          |
|   |   |                         | UL Max CC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | UL Max TrCHs   | 8  |                   |          |
|   |   |                         | UL Max TTI TB  | 8  |                   |          |
|   |   |                         | UL Max TFS   | 32   |                   |          |
|   |   |                         | UL Max TF  | 32   |                   |          |
|   |   |                         | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | Multicall (2xCS)  |                         |  |  |                   |          |
| 46  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note 1 | 34.108<br>6.10.2.4.1.46 | DL Max TB bits   | 3840   | pc_RAB_A_18c_46   |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |
|   |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|   |   |                         | DL Max TrCHs   | 8  |                   |          |
|   |   |                         | DL Max CCTrCH  | 1  |                   |          |
|   |   |                         | DL Max TTI TB  | 16   |                   |          |
|   |   |                         | DL Max TFS   | 32   |                   |          |
|   |   |                         | DL Max TF  | 32   |                   |          |
|   |   |                         | DL TC  | Yes  |                   |          |
|   |   |                         | UL Max TB bits   | 1280   |                   |          |
|   |   |                         | UL Max CC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TC TB bits  | 640  |                   |          |
|   |   |                         | UL Max TrCHs   | 8  |                   |          |
|   |   |                         | UL Max TTI TB  | 8  |                   |          |
|   |   |                         | UL Max TFS   | 32   |                   |          |
|   |   |                         | UL Max TF  | 32   |                   |          |
|   |   |                         | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | Multicall (2xCS)  |                         |  |  |                   |          |
| 47  | Void  |                         |  |  |                   |          |
| 48  | Void  |                         |  |  |                   |          |
| 49.1                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.49 | DL Max TB bits   | 2560   | pc_RAB_A_18c_49_1 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|--|--|-------------------|----------|
|      |   |                         | DL Max TC TB bits  | 1280   |                   |          |
|      |   |                         | DL Max TrCHs   | 8  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 8  |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 2560   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 1280   |                   |          |
|      |   |                         | UL Max TrCHs   | 8  |                   |          |
|      |   |                         | UL Max TTI TB  | 8  |                   |          |
|      |   |                         | UL Max TFS   | 16   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | Multicall (2xCS)   |                   |          |
| 49.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.10.2.4.1.49 | DL Max TB bits   | 3840   | pc_RAB_A_18c_49_2 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | DL Max TrCHs   | 8  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 8  |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 3840   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | UL Max TrCHs   | 8  |                   |          |
|      |   |                         | UL Max TTI TB  | 8  |                   |          |
|      |   |                         | UL Max TFS   | 16   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | Multicall (2xCS)   |                   |          |
| 50.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI    | 34.108<br>6.10.2.4.1.50 | DL Max TB bits   | 3840   | pc_RAB_A_18c_50_1 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 8  |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 3840   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|--|--|-------------------|----------|
|      |   |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | UL Max TrCHs   | 4  |                   |          |
|      |   |                         | UL Max TTI TB  | 8  |                   |          |
|      |   |                         | UL Max TFS   | 8  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | Multicall (2xCS)   |                   |          |
| 50.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI  | 34.108<br>6.10.2.4.1.50 | DL Max TB bits   | 6400   | pc_RAB_A_18c_50_2 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 2560   |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 16   |                   |          |
|      |   |                         | DL Max TFS   | 16   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 6400   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 5120   |                   |          |
|      |   |                         | UL Max TrCHs   | 4  |                   |          |
|      |   |                         | UL Max TTI TB  | 16   |                   |          |
|      |   |                         | UL Max TFS   | 8  |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | Multicall (2xCS)   |                   |          |
| 51.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.51 | DL Max TB bits   | 3840   | pc_RAB_A_18c_51_1 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 3840   |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 8  |                   |          |
|      |   |                         | DL Max TFS   | 32   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 3840   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |   |                         | UL Max TrCHs   | 4  |                   |          |
|      |   |                         | UL Max TTI TB  | 8  |                   |          |
|      |   |                         | UL Max TFS   | 32   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                     | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|--------------------------|--|--|-------------------|----------|
| 51.2                                      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.51  | DL Max TB bits   | 5120   | pc_RAB_A_18c_51_2 |          |
|   |   |                          | DL Max CC TB bits  | 640  |                   |          |
|   |   |                          | DL Max TC TB bits  | 5120   |                   |          |
|   |   |                          | DL Max TrCHs   | 4  |                   |          |
|   |   |                          | DL Max CCTrCH  | 1  |                   |          |
|   |   |                          | DL Max TTI TB  | 16   |                   |          |
|   |   |                          | DL Max TFS   | 32   |                   |          |
|   |   |                          | DL Max TF  | 32   |                   |          |
|   |   |                          | DL TC  | Yes  |                   |          |
|   |   |                          | UL Max TB bits   | 5120   |                   |          |
|   |   |                          | UL Max CC TB bits  | 640  |                   |          |
|   |   |                          | UL Max TC TB bits  | 5120   |                   |          |
|   |   |                          | UL Max TrCHs   | 4  |                   |          |
|   |   |                          | UL Max TTI TB  | 16   |                   |          |
|   |   |                          | UL Max TFS   | 32   |                   |          |
|   |   |                          | UL Max TF  | 32   |                   |          |
|   |   |                          | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | None  |                          |  |  |                   |          |
| 51a                                       | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.              | 34.108<br>6.10.2.4.1.51a | DL Max TB bits   | 2560   | pc_RAB_A_18c_51a  |          |
|   |   |                          | DL Max CC TB bits  | 640  |                   |          |
|   |   |                          | DL Max TC TB bits  | 2560   |                   |          |
|   |   |                          | DL Max TrCHs   | 4  |                   |          |
|   |   |                          | DL Max CCTrCH  | 1  |                   |          |
|   |   |                          | DL Max TTI TB  | 4  |                   |          |
|   |   |                          | DL Max TFS   | 16   |                   |          |
|   |   |                          | DL Max TF  | 32   |                   |          |
|   |   |                          | DL TC  | Yes  |                   |          |
|   |   |                          | UL Max TB bits   | 2560   |                   |          |
|   |   |                          | UL Max CC TB bits  | 640  |                   |          |
|   |   |                          | UL Max TC TB bits  | 2560   |                   |          |
|   |   |                          | UL Max TrCHs   | 4  |                   |          |
|   |   |                          | UL Max TTI TB  | 4  |                   |          |
|   |   |                          | UL Max TFS   | 8  |                   |          |
|   |   |                          | UL Max TF  | 32   |                   |          |
|   |   |                          | UL TC  | Yes  |                   |          |
| Other required UE radio access capability | None  |                          |  |  |                   |          |
| 51b                                       | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.            | 34.108<br>6.10.2.4.1.51b | DL Max TB bits   | 3840   | pc_RAB_A_18c_51b  |          |
|   |   |                          | DL Max CC TB bits  | 640  |                   |          |
|   |   |                          | DL Max TC TB bits  | 3840   |                   |          |
|   |   |                          | DL Max TrCHs   | 4  |                   |          |
|   |   |                          | DL Max CCTrCH  | 1  |                   |          |
|   |   |                          | DL Max TTI TB  | 8  |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|--|--|-------------------|----------|
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 2560   |                   |          |
|      |  |                         | UL Max CC TB bits  | 64   |                   |          |
|      |  |                         | UL Max TC TB bits  | 2560   |                   |          |
|      |  |                         | UL Max TrCHs   | 4  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 16   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 52.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.52 | DL Max TB bits   | 5120   | pc_RAB_A_18c_52_1 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 5120   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 16   |                   |          |
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 3840   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 3840   |                   |          |
|      |  |                         | UL Max TrCHs   | 4  |                   |          |
|      |  |                         | UL Max TTI TB  | 8  |                   |          |
|      |  |                         | UL Max TFS   | 32   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |
|      |  |                         | UL TC  | Yes  |                   |          |
|      |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 52.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.52 | DL Max TB bits   | 6400   | pc_RAB_A_18c_52_2 |          |
|      |  |                         | DL Max CC TB bits  | 640  |                   |          |
|      |  |                         | DL Max TC TB bits  | 6400   |                   |          |
|      |  |                         | DL Max TrCHs   | 4  |                   |          |
|      |  |                         | DL Max CCTrCH  | 1  |                   |          |
|      |  |                         | DL Max TTI TB  | 16   |                   |          |
|      |  |                         | DL Max TFS   | 32   |                   |          |
|      |  |                         | DL Max TF  | 32   |                   |          |
|      |  |                         | DL TC  | Yes  |                   |          |
|      |  |                         | UL Max TB bits   | 5120   |                   |          |
|      |  |                         | UL Max CC TB bits  | 640  |                   |          |
|      |  |                         | UL Max TC TB bits  | 5120   |                   |          |
|      |  |                         | UL Max TrCHs   | 4  |                   |          |
|      |  |                         | UL Max TTI TB  | 16   |                   |          |
|      |  |                         | UL Max TFS   | 32   |                   |          |
|      |  |                         | UL Max TF  | 32   |                   |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|--|--|-------------------|----------|
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 53.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.53 | DL Max TB bits   | 5120   | pc_RAB_A_18c_53_1 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 5120   |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 16   |                   |          |
|      |   |                         | DL Max TFS   | 32   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 5120   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 5120   |                   |          |
|      |   |                         | UL Max TrCHs   | 4  |                   |          |
|      |   |                         | UL Max TTI TB  | 16   |                   |          |
|      |   |                         | UL Max TFS   | 32   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 53.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.1.53 | DL Max TB bits   | 6400   | pc_RAB_A_18c_53_2 |          |
|      |   |                         | DL Max CC TB bits  | 640  |                   |          |
|      |   |                         | DL Max TC TB bits  | 6400   |                   |          |
|      |   |                         | DL Max TrCHs   | 4  |                   |          |
|      |   |                         | DL Max CCTrCH  | 1  |                   |          |
|      |   |                         | DL Max TTI TB  | 16   |                   |          |
|      |   |                         | DL Max TFS   | 32   |                   |          |
|      |   |                         | DL Max TF  | 32   |                   |          |
|      |   |                         | DL TC  | Yes  |                   |          |
|      |   |                         | UL Max TB bits   | 6400   |                   |          |
|      |   |                         | UL Max CC TB bits  | 640  |                   |          |
|      |   |                         | UL Max TC TB bits  | 6400   |                   |          |
|      |   |                         | UL Max TrCHs   | 4  |                   |          |
|      |   |                         | UL Max TTI TB  | 16   |                   |          |
|      |   |                         | UL Max TFS   | 32   |                   |          |
|      |   |                         | UL Max TF  | 32   |                   |          |
|      |   |                         | UL TC  | Yes  |                   |          |
|      |   |                         | Other required UE radio access capability                    | None   |                   |          |
| 54   | Void  |                         |  |  |                   |          |
| 55   | Void  |                         |  |  |                   |          |



| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic        | Comments |
|---|---|-------------------------|--|--|-----------------|----------|
| 56  | Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.     | 34.108<br>6.10.2.4.1.56 | DL Max TB bits   | 640  | pc_RAB_A_18c_56 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                 |          |
|   |   |                         | DL Max TC TB bits  | 640  |                 |          |
|   |   |                         | DL Max TrCHs   | 4  |                 |          |
|   |   |                         | DL Max CCTrCH  | 1  |                 |          |
|   |   |                         | DL Max TTI TB  | 4  |                 |          |
|   |   |                         | DL Max TFS   | 16   |                 |          |
|   |   |                         | DL Max TF  | 32   |                 |          |
|   |   |                         | DL TC  | Yes  |                 |          |
|   |   |                         | UL Max TB bits   | 640  |                 |          |
|   |   |                         | UL Max CC TB bits  | 640  |                 |          |
|   |   |                         | UL Max TC TB bits  | 640  |                 |          |
|   |   |                         | UL Max TrCHs   | 2  |                 |          |
|   |   |                         | UL Max TTI TB  | 2  |                 |          |
|   |   |                         | UL Max TFS   | 4  |                 |          |
|   |   |                         | UL Max TF  | 32   |                 |          |
|   |   |                         | UL TC  | Yes  |                 |          |
| Other required UE radio access capability | None  |                         |  |  |                 |          |
| 57  | Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.10.2.4.1.57 | DL Max TB bits   | 2560   | pc_RAB_A_18c_57 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                 |          |
|   |   |                         | DL Max TC TB bits  | 2560   |                 |          |
|   |   |                         | DL Max TrCHs   | 4  |                 |          |
|   |   |                         | DL Max CCTrCH  | 1  |                 |          |
|   |   |                         | DL Max TTI TB  | 8  |                 |          |
|   |   |                         | DL Max TFS   | 16   |                 |          |
|   |   |                         | DL Max TF  | 32   |                 |          |
|   |   |                         | DL TC  | Yes  |                 |          |
|   |   |                         | UL Max TB bits   | 2560   |                 |          |
|   |   |                         | UL Max CC TB bits  | 640  |                 |          |
|   |   |                         | UL Max TC TB bits  | 2560   |                 |          |
|   |   |                         | UL Max TrCHs   | 2  |                 |          |
|   |   |                         | UL Max TTI TB  | 8  |                 |          |
|   |   |                         | UL Max TFS   | 16   |                 |          |
|   |   |                         | UL Max TF  | 32   |                 |          |
|   |   |                         | UL TC  | Yes  |                 |          |
| Other required UE radio access capability | None  |                         |  |  |                 |          |
| 58  | Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.         | 34.108<br>6.10.2.4.1.58 | DL Max TB bits   | 3840   | pc_RAB_A_18c_58 |          |
|   |   |                         | DL Max CC TB bits  | 640  |                 |          |
|   |   |                         | DL Max TC TB bits  | 3840   |                 |          |
|   |   |                         | DL Max TrCHs   | 4  |                 |          |
|   |   |                         | DL Max CCTrCH  | 1  |                 |          |
|   |   |                         | DL Max TTI TB  | 8  |                 |          |

| Item | FDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic         | Comments |
|------|--|--------------------------|--|--|------------------|----------|
|      |  |                          | DL Max TFS   | 16   |                  |          |
|      |  |                          | DL Max TF  | 32   |                  |          |
|      |  |                          | DL TC  | Yes  |                  |          |
|      |  |                          | UL Max TB bits   | 1280   |                  |          |
|      |  |                          | UL Max CC TB bits  | 640  |                  |          |
|      |  |                          | UL Max TC TB bits  | 1280   |                  |          |
|      |  |                          | UL Max TrCHs   | 4  |                  |          |
|      |  |                          | UL Max TTI TB  | 4  |                  |          |
|      |  |                          | UL Max TFS   | 8  |                  |          |
|      |  |                          | UL Max TF  | 32   |                  |          |
|      |  |                          | UL TC  | Yes  |                  |          |
|      |  |                          | Other required UE radio access capability                    | None   |                  |          |
| 58a  | Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.       | 34.108<br>6.2.10.4.1.58a | DL Max TB bits   | 3840   | pc_RAB_A_18c_58a |          |
|      |  |                          | DL Max CC TB bits  | 640  |                  |          |
|      |  |                          | DL Max TC TB bits  | 3840   |                  |          |
|      |  |                          | DL Max TrCHs   | 4  |                  |          |
|      |  |                          | DL Max CCTrCH  | 1  |                  |          |
|      |  |                          | DL Max TTI TB  | 8  |                  |          |
|      |  |                          | DL Max TFS   | 32   |                  |          |
|      |  |                          | DL Max TF  | 32   |                  |          |
|      |  |                          | DL TC  | Yes  |                  |          |
|      |  |                          | UL Max TB bits   | 1280   |                  |          |
|      |  |                          | UL Max CC TB bits  | 640  |                  |          |
|      |  |                          | UL Max TC TB bits  | 1280   |                  |          |
|      |  |                          | UL Max TrCHs   | 4  |                  |          |
|      |  |                          | UL Max TTI TB  | 4  |                  |          |
|      |  |                          | UL Max TFS   | 8  |                  |          |
|      |  |                          | UL Max TF  | 32   |                  |          |
|      |  |                          | UL TC  | Yes  |                  |          |
|      |  |                          | Other required UE radio access capability                    | None   |                  |          |
| 59   | Void   |                          |  |  |                  |          |
| 60   | Void   |                          |  |  |                  |          |
| 61   | Void   |                          |  |  |                  |          |
| 62   | Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH | 34.108<br>6.10.2.4.1.62  | DL Max TB bits   | 640  | pc_RAB_A_18c_62  |          |
|      |  |                          | DL Max CC TB bits  | 640  |                  |          |
|      |  |                          | DL Max TC TB bits  | N/A  |                  |          |
|      |  |                          | DL Max TrCHs   | 4  |                  |          |
|      |  |                          | DL Max CCTrCH  | 1  |                  |          |
|      |  |                          | DL Max TTI TB  | 4  |                  |          |
|      |  |                          | DL Max TFS   | 32   |                  |          |
|      |  |                          | DL Max TF  | 32   |                  |          |
|      |  |                          | DL TC  | N/A  |                  |          |
|      |  |                          | UL Max TB bits   | 640  |                  |          |
|      |  |                          | UL Max CC TB bits  | 640  |                  |          |
|      |  |                          | UL Max TC TB bits  | N/A  |                  |          |
|      |  |                          | UL Max TrCHs   | 4  |                  |          |

| Item   | FDD interoperability radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameter (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic          | Comments |
|--|--|-------------------------|--|--|-------------------|----------|
|  |  |                         | UL Max TTI TB  | 4  |                   |          |
|  |  |                         | UL Max TFS   | 32   |                   |          |
|  |  |                         | UL Max TF  | 32   |                   |          |
|  |  |                         | UL TC  | N/A  |                   |          |
|  |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 63.1   | Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI  | 34.108<br>6.10.2.4.1.63 | DL Max TB bits   | 8960   | pc_RAB_A_18c_63_1 |          |
|  |  |                         | DL Max CC TB bits  | 640  |                   |          |
|  |  |                         | DL Max TC TB bits  | 8960   |                   |          |
|  |  |                         | DL Max TrCHs   | 4  |                   |          |
|  |  |                         | DL Max CCTrCH  | 1  |                   |          |
|  |  |                         | DL Max TTI TB  | 32   |                   |          |
|  |  |                         | DL Max TFS   | 32   |                   |          |
|  |  |                         | DL Max TF  | 32   |                   |          |
|  |  |                         | DL TC  | Yes  |                   |          |
|  |  |                         | UL Max TB bits   | 2560   |                   |          |
|  |  |                         | UL Max CC TB bits  | 640  |                   |          |
|  |  |                         | UL Max TC TB bits  | 2560   |                   |          |
|  |  |                         | UL Max TrCHs   | 4  |                   |          |
|  |  |                         | UL Max TTI TB  | 8  |                   |          |
|  |  |                         | UL Max TFS   | 16   |                   |          |
|  |  |                         | UL Max TF  | 32   |                   |          |
|  |  |                         | UL TC  | Yes  |                   |          |
|  |  |                         | Other required UE radio access capability                    | None   |                   |          |
| 63.2   | Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.2.4.1.63 | DL Max TB bits   | 20480  | pc_RAB_A_18c_63_2 |          |
|  |  |                         | DL Max CC TB bits  | 640  |                   |          |
|  |  |                         | DL Max TC TB bits  | 20480  |                   |          |
|  |  |                         | DL Max TrCHs   | 4  |                   |          |
|  |  |                         | DL Max CCTrCH  | 1  |                   |          |
|  |  |                         | DL Max TTI TB  | 64   |                   |          |
|  |  |                         | DL Max TFS   | 32   |                   |          |
|  |  |                         | DL Max TF  | 32   |                   |          |
|  |  |                         | DL TC  | Yes  |                   |          |
|  |  |                         | UL Max TB bits   | 2560   |                   |          |
|  |  |                         | UL Max CC TB bits  | 640  |                   |          |
|  |  |                         | UL Max TC TB bits  | 2560   |                   |          |
|  |  |                         | UL Max TrCHs   | 4  |                   |          |
|  |  |                         | UL Max TTI TB  | 8  |                   |          |
|  |  |                         | UL Max TFS   | 16   |                   |          |
|  |  |                         | UL Max TF  | 32   |                   |          |
|  |  |                         | UL TC  | Yes  |                   |          |
|  |  |                         | Other required UE radio access capability                    | None   |                   |          |
| <p><b>NOTE:</b> To enable UE loopback of test data for the FDD interoperability reference radio bearer configurations having zero rate in uplink or downlink (items 18 to 22, items 47 to 49 and items 54 and 55 in table A.18c) the "Streaming / unknown / UL:14,4 kbps / CS RAB" and "Streaming / unknown / DL:14,4 kbps / CS RAB" have been used instead of the zero-rate uplink and downlink configuration. The impact on the UE radio access capability has been taken into account in the applicability statement for those items.</p> |  |                         |  |  |                   |          |

**Table A.18d: FDD interoperability radio bearer capabilities for combinations on PDSCH and DPCH**

| Item                                      | FDD interoperability radio bearer configuration for combination on PDSCH and DPCH                      | Ref.                   | UE radio access capability See note. | UE radio access capability See note. | Mnemonic         | Comments |
|---|--|------------------------|--------------------------------------|--------------------------------------|------------------|----------|
| 1.1                                       | Interactive or background / UL:64 DL:256 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.1 | DL Max TB bits                       | 3840                                 | pc_RAB_A_18d_1_1 |          |
|   |  |                        | DL Max CC TB bits                    | 640                                  |                  |          |
|   |  |                        | DL Max TC TB bits                    | 3840                                 |                  |          |
|   |  |                        | DL Max TrCHs                         | 4                                    |                  |          |
|   |  |                        | DL Max CCTrCH                        | 2                                    |                  |          |
|   |  |                        | DL Max TTI TB                        | 16                                   |                  |          |
|   |  |                        | DL Max TFS                           | 16                                   |                  |          |
|   |  |                        | DL Max TF                            | 32                                   |                  |          |
|   |  |                        | DL TC                                | Yes                                  |                  |          |
|   |  |                        | UL Max TB bits                       | 2560                                 |                  |          |
|   |  |                        | UL Max CC TB bits                    | 640                                  |                  |          |
|   |  |                        | UL Max TC TB bits                    | 2560                                 |                  |          |
|   |  |                        | UL Max TrCHs                         | 4                                    |                  |          |
|   |  |                        | UL Max TTI TB                        | 8                                    |                  |          |
|   |  |                        | UL Max TFS                           | 16                                   |                  |          |
| UL Max TF                                 | 32   |                        |                                      |                                      |                  |          |
| UL TC                                     | Yes  |                        |                                      |                                      |                  |          |
| Other required UE radio access capability | PDSCH=Yes  |                        |                                      |                                      |                  |          |
| 1.2                                       | Interactive or background / UL:64 DL:256 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.1 | DL Max TB bits                       | 6400                                 | pc_RAB_A_18d_1_2 |          |
|   |  |                        | DL Max CC TB bits                    | 640                                  |                  |          |
|   |  |                        | DL Max TC TB bits                    | 6400                                 |                  |          |
|   |  |                        | DL Max TrCHs                         | 4                                    |                  |          |
|   |  |                        | DL Max CCTrCH                        | 2                                    |                  |          |
|   |  |                        | DL Max TTI TB                        | 16                                   |                  |          |
|   |  |                        | DL Max TFS                           | 16                                   |                  |          |
|   |  |                        | DL Max TF                            | 32                                   |                  |          |
|   |  |                        | DL TC                                | Yes                                  |                  |          |
|   |  |                        | UL Max TB bits                       | 2560                                 |                  |          |
|   |  |                        | UL Max CC TB bits                    | 640                                  |                  |          |
|   |  |                        | UL Max TC TB bits                    | 2560                                 |                  |          |
|   |  |                        | UL Max TrCHs                         | 4                                    |                  |          |
|   |  |                        | UL Max TTI TB                        | 8                                    |                  |          |
|   |  |                        | UL Max TFS                           | 16                                   |                  |          |
| UL Max TF                                 | 32   |                        |                                      |                                      |                  |          |
| UL TC                                     | Yes  |                        |                                      |                                      |                  |          |
| Other required UE radio access capability | PDSCH=Yes  |                        |                                      |                                      |                  |          |
| 2.1                                       | Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.2 | DL Max TB bits                       | 5120                                 | pc_RAB_A_18d_2_1 |          |
|   |  |                        | DL Max CC TB bits                    | 640                                  |                  |          |
|   |  |                        | DL Max TC TB bits                    | 5120                                 |                  |          |
|   |  |                        | DL Max TrCHs                         | 4                                    |                  |          |
|   |  |                        | DL Max CCTrCH                        | 2                                    |                  |          |
|   |  |                        | DL Max TTI TB                        | 16                                   |                  |          |
|   |  |                        | DL Max TFS                           | 16                                   |                  |          |
|   |  |                        | DL Max TF                            | 32                                   |                  |          |
|   |  |                        | DL TC                                | Yes                                  |                  |          |
|   |  |                        | UL Max TB bits                       | 2560                                 |                  |          |
|   |  |                        | UL Max CC TB bits                    | 640                                  |                  |          |
|   |  |                        | UL Max TC TB bits                    | 2560                                 |                  |          |
|   |  |                        | UL Max TrCHs                         | 4                                    |                  |          |
|   |  |                        | UL Max TTI TB                        | 8                                    |                  |          |
|   |  |                        | UL Max TFS                           | 16                                   |                  |          |
| UL Max TF                                 | 32   |                        |                                      |                                      |                  |          |
| UL TC                                     | Yes  |                        |                                      |                                      |                  |          |

| Item                                      | FDD interoperability radio bearer configuration for combination on PDSCH and DPCH                       | Ref.                   | UE radio access capability See note.      | UE radio access capability See note. | Mnemonic         | Comments |
|---|---|------------------------|---|--------------------------------------|------------------|----------|
|   |   |                        | Other required UE radio access capability | PDSCH=Yes                            |                  |          |
| 2.2                                       | Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH  | 34.108<br>6.10.2.4.2.2 | DL Max TB bits                            | 8960                                 | pc_RAB_A_18d_2_2 |          |
|   |   |                        | DL Max CC TB bits                         | 640                                  |                  |          |
|   |   |                        | DL Max TC TB bits                         | 8960                                 |                  |          |
|   |   |                        | DL Max TrCHs                              | 4                                    |                  |          |
|   |   |                        | DL Max CCTrCH                             | 2                                    |                  |          |
|   |   |                        | DL Max TTI TB                             | 32                                   |                  |          |
|   |   |                        | DL Max TFS                                | 16                                   |                  |          |
|   |   |                        | DL Max TF                                 | 32                                   |                  |          |
|   |   |                        | DL TC                                     | Yes                                  |                  |          |
|   |   |                        | UL Max TB bits                            | 2560                                 |                  |          |
|   |   |                        | UL Max CC TB bits                         | 640                                  |                  |          |
|   |   |                        | UL Max TC TB bits                         | 2560                                 |                  |          |
|   |   |                        | UL Max TrCHs                              | 4                                    |                  |          |
|   |   |                        | UL Max TTI TB                             | 8                                    |                  |          |
|   |   |                        | UL Max TFS                                | 16                                   |                  |          |
|   |   |                        | UL Max TF                                 | 32                                   |                  |          |
| UL TC                                     | Yes   |                        |   |                                      |                  |          |
| Other required UE radio access capability | PDSCH=Yes   |                        |   |                                      |                  |          |
| 3.1                                       | Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.3 | DL Max TB bits                            | 40960                                | pc_RAB_A_18d_3_1 |          |
|   |   |                        | DL Max CC TB bits                         | 640                                  |                  |          |
|   |   |                        | DL Max TC TB bits                         | 40960                                |                  |          |
|   |   |                        | DL Max TrCHs                              | 4                                    |                  |          |
|   |   |                        | DL Max CCTrCH                             | 2                                    |                  |          |
|   |   |                        | DL Max TTI TB                             | 64                                   |                  |          |
|   |   |                        | DL Max TFS                                | 16                                   |                  |          |
|   |   |                        | DL Max TF                                 | 32                                   |                  |          |
|   |   |                        | DL TC                                     | Yes                                  |                  |          |
|   |   |                        | UL Max TB bits                            | 2560                                 |                  |          |
|   |   |                        | UL Max CC TB bits                         | 640                                  |                  |          |
|   |   |                        | UL Max TC TB bits                         | 2560                                 |                  |          |
|   |   |                        | UL Max TrCHs                              | 4                                    |                  |          |
|   |   |                        | UL Max TTI TB                             | 8                                    |                  |          |
|   |   |                        | UL Max TFS                                | 16                                   |                  |          |
|   |   |                        | UL Max TF                                 | 32                                   |                  |          |
| UL TC                                     | Yes   |                        |   |                                      |                  |          |
| Other required UE radio access capability | PDSCH=Yes   |                        |   |                                      |                  |          |
| 3.2                                       | Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.3 | DL Max TB bits                            | 81920                                | pc_RAB_A_18d_3_2 |          |
|   |   |                        | DL Max CC TB bits                         | 640                                  |                  |          |
|   |   |                        | DL Max TC TB bits                         | 81920                                |                  |          |
|   |   |                        | DL Max TrCHs                              | 4                                    |                  |          |
|   |   |                        | DL Max CCTrCH                             | 2                                    |                  |          |
|   |   |                        | DL Max TTI TB                             | 96                                   |                  |          |
|   |   |                        | DL Max TFS                                | 32                                   |                  |          |
|   |   |                        | DL Max TF                                 | 32                                   |                  |          |
|   |   |                        | DL TC                                     | Yes                                  |                  |          |
|   |   |                        | UL Max TB bits                            | 2560                                 |                  |          |
|   |   |                        | UL Max CC TB bits                         | 640                                  |                  |          |
|   |   |                        | UL Max TC TB bits                         | 2560                                 |                  |          |
|   |   |                        | UL Max TrCHs                              | 4                                    |                  |          |
|   |   |                        | UL Max TTI TB                             | 8                                    |                  |          |
|   |   |                        | UL Max TFS                                | 16                                   |                  |          |

| Item | FDD interoperability radio bearer configuration for combination on PDSCH and DPCH   | Ref.                   | UE radio access capability See note.      | UE radio access capability See note. | Mnemonic         | Comments |
|------|---|------------------------|---|--------------------------------------|------------------|----------|
|      |   |                        | UL Max TF                                 | 32                                   |                  |          |
|      |   |                        | UL TC                                     | Yes                                  |                  |          |
|      |   |                        | Other required UE radio access capability | PDSCH=Yes                            |                  |          |
| 4.1  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.4 | DL Max TB bits                            | 3840                                 | pc_RAB_A_18d_4_1 |          |
|      |   |                        | DL Max CC TB bits                         | 640                                  |                  |          |
|      |   |                        | DL Max TC TB bits                         | 3840                                 |                  |          |
|      |   |                        | DL Max TrCHs                              | 8                                    |                  |          |
|      |   |                        | DL Max CCTrCH                             | 2                                    |                  |          |
|      |   |                        | DL Max TTI TB                             | 16                                   |                  |          |
|      |   |                        | DL Max TFS                                | 16                                   |                  |          |
|      |   |                        | DL Max TF                                 | 32                                   |                  |          |
|      |   |                        | DL TC                                     | Yes                                  |                  |          |
|      |   |                        | UL Max TB bits                            | 2560                                 |                  |          |
|      |   |                        | UL Max CC TB bits                         | 640                                  |                  |          |
|      |   |                        | UL Max TC TB bits                         | 2560                                 |                  |          |
|      |   |                        | UL Max TrCHs                              | 8                                    |                  |          |
|      |   |                        | UL Max TTI TB                             | 8                                    |                  |          |
|      |   |                        | UL Max TFS                                | 32                                   |                  |          |
|      |   |                        | UL Max TF                                 | 32                                   |                  |          |
|      |   |                        | UL TC                                     | Yes                                  |                  |          |
|      |   |                        | Other required UE radio access capability | PDSCH=Yes                            |                  |          |
| 4.2  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.4 | DL Max TB bits                            | 6400                                 | pc_RAB_A_18d_4_2 |          |
|      |   |                        | DL Max CC TB bits                         | 640                                  |                  |          |
|      |   |                        | DL Max TC TB bits                         | 6400                                 |                  |          |
|      |   |                        | DL Max TrCHs                              | 8                                    |                  |          |
|      |   |                        | DL Max CCTrCH                             | 2                                    |                  |          |
|      |   |                        | DL Max TTI TB                             | 32                                   |                  |          |
|      |   |                        | DL Max TFS                                | 16                                   |                  |          |
|      |   |                        | DL Max TF                                 | 32                                   |                  |          |
|      |   |                        | DL TC                                     | Yes                                  |                  |          |
|      |   |                        | UL Max TB bits                            | 2560                                 |                  |          |
|      |   |                        | UL Max CC TB bits                         | 640                                  |                  |          |
|      |   |                        | UL Max TC TB bits                         | 2560                                 |                  |          |
|      |   |                        | UL Max TrCHs                              | 8                                    |                  |          |
|      |   |                        | UL Max TTI TB                             | 8                                    |                  |          |
|      |   |                        | UL Max TFS                                | 32                                   |                  |          |
|      |   |                        | UL Max TF                                 | 32                                   |                  |          |
|      |   |                        | UL TC                                     | Yes                                  |                  |          |
|      |   |                        | Other required UE radio access capability | PDSCH=Yes                            |                  |          |
| 5.1  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.5 | DL Max TB bits                            | 5120                                 | pc_RAB_A_18d_5_1 |          |
|      |   |                        | DL Max CC TB bits                         | 640                                  |                  |          |
|      |   |                        | DL Max TC TB bits                         | 5120                                 |                  |          |
|      |   |                        | DL Max TrCHs                              | 8                                    |                  |          |
|      |   |                        | DL Max CCTrCH                             | 2                                    |                  |          |

| Item | FDD interoperability radio bearer configuration for combination on PDSCH and DPCH  | Ref.                   | UE radio access capability<br>See note.   | UE radio access capability<br>See note. | Mnemonic         | Comments |
|------|--|------------------------|---|---|------------------|----------|
|      |  |                        | DL Max TTI TB                             | 16                                      |                  |          |
|      |  |                        | DL Max TFS                                | 16                                      |                  |          |
|      |  |                        | DL Max TF                                 | 32                                      |                  |          |
|      |  |                        | DL TC                                     | Yes                                     |                  |          |
|      |  |                        | UL Max TB bits                            | 2560                                    |                  |          |
|      |  |                        | UL Max CC TB bits                         | 640                                     |                  |          |
|      |  |                        | UL Max TC TB bits                         | 2560                                    |                  |          |
|      |  |                        | UL Max TrCHs                              | 8                                       |                  |          |
|      |  |                        | UL Max TTI TB                             | 8                                       |                  |          |
|      |  |                        | UL Max TFS                                | 32                                      |                  |          |
|      |  |                        | UL Max TF                                 | 32                                      |                  |          |
|      |  |                        | UL TC                                     | Yes                                     |                  |          |
|      |  |                        | Other required UE radio access capability | PDSCH=Yes                               |                  |          |
| 5.2  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.2.4.2.5 | DL Max TB bits                            | 8960                                    | pc_RAB_A_18d_5_2 |          |
|      |  |                        | DL Max CC TB bits                         | 640                                     |                  |          |
|      |  |                        | DL Max TC TB bits                         | 8960                                    |                  |          |
|      |  |                        | DL Max TrCHs                              | 8                                       |                  |          |
|      |  |                        | DL Max CCTrCH                             | 2                                       |                  |          |
|      |  |                        | DL Max TTI TB                             | 32                                      |                  |          |
|      |  |                        | DL Max TFS                                | 16                                      |                  |          |
|      |  |                        | DL Max TF                                 | 32                                      |                  |          |
|      |  |                        | DL TC                                     | Yes                                     |                  |          |
|      |  |                        | UL Max TB bits                            | 2560                                    |                  |          |
|      |  |                        | UL Max CC TB bits                         | 640                                     |                  |          |
|      |  |                        | UL Max TC TB bits                         | 2560                                    |                  |          |
|      |  |                        | UL Max TrCHs                              | 8                                       |                  |          |
|      |  |                        | UL Max TTI TB                             | 8                                       |                  |          |
|      |  |                        | UL Max TFS                                | 32                                      |                  |          |
|      |  |                        | UL Max TF                                 | 32                                      |                  |          |
|      |  |                        | UL TC                                     | Yes                                     |                  |          |
|      |  |                        | Other required UE radio access capability | PDSCH=Yes                               |                  |          |
| 6.1  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.6 | DL Max TB bits                            | 40960                                   | pc_RAB_A_18d_6_1 |          |
|      |  |                        | DL Max CC TB bits                         | 640                                     |                  |          |
|      |  |                        | DL Max TC TB bits                         | 40960                                   |                  |          |
|      |  |                        | DL Max TrCHs                              | 8                                       |                  |          |
|      |  |                        | DL Max CCTrCH                             | 2                                       |                  |          |
|      |  |                        | DL Max TTI TB                             | 48                                      |                  |          |
|      |  |                        | DL Max TFS                                | 16                                      |                  |          |
|      |  |                        | DL Max TF                                 | 32                                      |                  |          |
|      |  |                        | DL TC                                     | Yes                                     |                  |          |
|      |  |                        | UL Max TB bits                            | 2560                                    |                  |          |
|      |  |                        | UL Max CC TB bits                         | 640                                     |                  |          |
|      |  |                        | UL Max TC TB bits                         | 2560                                    |                  |          |
|      |  |                        | UL Max TrCHs                              | 8                                       |                  |          |
|      |  |                        | UL Max TTI TB                             | 8                                       |                  |          |
|      |  |                        | UL Max TFS                                | 32                                      |                  |          |
|      |  |                        | UL Max TF                                 | 32                                      |                  |          |
|      |  |                        | UL TC                                     | Yes                                     |                  |          |
|      |  |                        | Other required UE radio access capability | PDSCH=Yes                               |                  |          |



| Item                                      | FDD interoperability radio bearer configuration for combination on PDSCH and DPCH  | Ref.                   | UE radio access capability<br>See note. | UE radio access capability<br>See note. | Mnemonic         | Comments |
|---|--|------------------------|---|---|------------------|----------|
| 6.2                                       | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.2.6 | DL Max TB bits                          | 81920                                   | pc_RAB_A_18d_6_2 |          |
| DL Max CC TB bits                         | 640  |                        |   |   |                  |          |
| DL Max TC TB bits                         | 81920  |                        |   |   |                  |          |
| DL Max TrCHs                              | 8  |                        |   |   |                  |          |
| DL Max CCTrCH                             | 2  |                        |   |   |                  |          |
| DL Max TTI TB                             | 96   |                        |   |   |                  |          |
| DL Max TFS                                | 32   |                        |   |   |                  |          |
| DL Max TF                                 | 32   |                        |   |   |                  |          |
| DL TC                                     | Yes  |                        |   |   |                  |          |
| UL Max TB bits                            | 2560   |                        |   |   |                  |          |
| UL Max CC TB bits                         | 640  |                        |   |   |                  |          |
| UL Max TC TB bits                         | 2560   |                        |   |   |                  |          |
| UL Max TrCHs                              | 8  |                        |   |   |                  |          |
| UL Max TTI TB                             | 8  |                        |   |   |                  |          |
| UL Max TFS                                | 32   |                        |   |   |                  |          |
| UL Max TF                                 | 32   |                        |   |   |                  |          |
| UL TC                                     | Yes  |                        |   |   |                  |          |
| Other required UE radio access capability | PDSCH=Yes  |                        |   |   |                  |          |

**Table A.18e: FDD interoperability radio bearer capabilities for combinations on SCCPCH**

| Item | FDD interoperability radio bearer configuration for combination on SCCPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Value (Minimum UE radio access capability) | Mnemonic       | Comments |
|------|---|-------------------------|---|--|----------------|----------|
| 1    | Stand-alone signalling RB for PCCH  | 34.108<br>6.10.2.4.3.1  | DL Max TB bits  | 640  | pc_RAB_A_18e_1 |          |
|      |   |                         | DL Max CC TB bits   | 640  |                |          |
|      |   |                         | DL Max TC TB bits   | N/A  |                |          |
|      |   |                         | DL Max TrCHs  | 4  |                |          |
|      |   |                         | DL Max CCTrCH   | 1  |                |          |
|      |   |                         | DL Max TTI TB   | 4  |                |          |
|      |   |                         | DL Max TFS  | 16   |                |          |
|      |   |                         | DL Max TF   | 32   |                |          |
|      |   |                         | DL TC   | N/A  |                |          |
|      |   |                         | Other required UE radio access capability                     | none   |                |          |
| 2    | Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH   | 34.108<br>6.10.2.4.3.2  | DL Max TB bits  | 1280   | pc_RAB_A_18e_2 |          |
|      |   |                         | DL Max CC TB bits   | 640  |                |          |
|      |   |                         | DL Max TC TB bits   | 640  |                |          |
|      |   |                         | DL Max TrCHs  | 4  |                |          |
|      |   |                         | DL Max CCTrCH   | 1  |                |          |
|      |   |                         | DL Max TTI TB   | 4  |                |          |
|      |   |                         | DL Max TFS  | 16   |                |          |
|      |   |                         | DL Max TF   | 32   |                |          |
|      |   |                         | DL TC   | Yes  |                |          |
|      |   |                         | Other required UE radio access capability                     | none   |                |          |
| 3    | Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH                             | 34.108<br>6.10.2.4.3.3  | DL Max TB bits  | 1280   | pc_RAB_A_18e_3 |          |
|      |   |                         | DL Max CC TB bits   | 640  |                |          |
|      |   |                         | DL Max TC TB bits   | 640  |                |          |
|      |   |                         | DL Max TrCHs  | 4  |                |          |
|      |   |                         | DL Max CCTrCH   | 1  |                |          |
|      |   |                         | DL Max TTI TB   | 8  |                |          |
|      |   |                         | DL Max TFS  | 16   |                |          |
|      |   |                         | DL Max TF   | 32   |                |          |
|      |   |                         | DL TC   | Yes  |                |          |
|      |   |                         | Other required UE radio access capability                     | none   |                |          |
| 4    | RB for CTCH + SRB for CCCH +SRB for BCCH  | 34.108<br>6.10.2.4.3.4  | DL Max TB bits  | 1280   | pc_RAB_A_18e_4 |          |
|      |   |                         | DL Max CC TB bits   | 640  |                |          |
|      |   |                         | DL Max TC TB bits   | 640  |                |          |
|      |   |                         | DL Max TrCHs  | 4  |                |          |
|      |   |                         | DL Max CCTrCH   | 1  |                |          |
|      |   |                         | DL Max TTI TB   | 4  |                |          |
|      |   |                         | DL Max TFS  | 16   |                |          |
|      |   |                         | DL Max TF   | 32   |                |          |
|      |   |                         | DL TC   | Yes  |                |          |
|      |   |                         | Other required UE radio access capability                     | none   |                |          |
| 5    | Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH | 34.108<br>6.10.2.4.3.2a | DL Max TB bits  | 1280   | pc_RAB_A_18e_5 |          |
|      |   |                         | DL Max CC TB bits   | 640  |                |          |
|      |   |                         | DL Max TC TB bits   | 640  |                |          |
|      |   |                         | DL Max TrCHs  | 4  |                |          |
|      |   |                         | DL Max CCTrCH   | 1  |                |          |
|      |   |                         | DL Max TTI TB   | 4  |                |          |

|   |                                       |                        |   |   |                |  |
|---|---------------------------------------|------------------------|---|---|----------------|--|
|   |                                       |                        | DL Max TFS                                | 16  |                |  |
|   |                                       |                        | DL Max TF                                 | 32  |                |  |
|   |                                       |                        | DL TC                                     | Yes   |                |  |
|   |                                       |                        | Other required UE radio access capability | none  |                |  |
| 6 | 64.8kbps RB for MTCH with 80 ms TTI   | 34.108<br>6.10.2.4.3.5 | DL Max TB bits                            | 21504   | pc_RAB_A_18e_6 |  |
|   |                                       |                        | DL Max CC TB bits                         | 640   |                |  |
|   |                                       |                        | DL Max TC TB bits                         | 21504   |                |  |
|   |                                       |                        | DL Max TrCHs                              | 12  |                |  |
|   |                                       |                        | DL Max CCTrCH                             | 1   |                |  |
|   |                                       |                        | DL Max TTI TB                             | 32  |                |  |
|   |                                       |                        | DL Max TFS                                | 32  |                |  |
|   |                                       |                        | DL Max TF                                 | 64  |                |  |
|   |                                       |                        | DL TC                                     | Yes   |                |  |
|   |                                       |                        | Other required UE radio access capability | Max. S-CCPCHs simultaneously received per cell for Slct/Soft Combining: 1 |                |  |
| 7 | 129.6 kbps RB for MTCH with 80 ms TTI | 34.108<br>6.10.2.4.3.6 | DL Max TB bits                            | 21504   | pc_RAB_A_18e_7 |  |
|   |                                       |                        | DL Max CC TB bits                         | 640   |                |  |
|   |                                       |                        | DL Max TC TB bits                         | 21504   |                |  |
|   |                                       |                        | DL Max TrCHs                              | 12  |                |  |
|   |                                       |                        | DL Max CCTrCH                             | 1   |                |  |
|   |                                       |                        | DL Max TTI TB                             | 32  |                |  |
|   |                                       |                        | DL Max TFS                                | 32  |                |  |
|   |                                       |                        | DL Max TF                                 | 64  |                |  |
|   |                                       |                        | DL TC                                     | Yes   |                |  |
|   |                                       |                        | Other required UE radio access capability | Max. S-CCPCHs simultaneously received per cell for Slct/Soft Combining: 1 |                |  |
| 8 | 259.2 kbps RB for MTCH with 40 ms TTI | 34.108<br>6.10.2.4.3.7 | DL Max TB bits                            | 21504   | pc_RAB_A_18e_8 |  |
|   |                                       |                        | DL Max CC TB bits                         | 640   |                |  |
|   |                                       |                        | DL Max TC TB bits                         | 21504   |                |  |
|   |                                       |                        | DL Max TrCHs                              | 12  |                |  |
|   |                                       |                        | DL Max CCTrCH                             | 1   |                |  |
|   |                                       |                        | DL Max TTI TB                             | 32  |                |  |
|   |                                       |                        | DL Max TFS                                | 32  |                |  |
|   |                                       |                        | DL Max TF                                 | 64  |                |  |
|   |                                       |                        | DL TC                                     | Yes   |                |  |
|   |                                       |                        | Other required UE radio access capability | Max. S-CCPCHs simultaneously received per cell for Slct/Soft Combining: 1 |                |  |

**Table A.18f: FDD interoperability radio bearer capabilities for combinations on PRACH**

| Item | FDD interoperability radio bearer configuration for combination on PRACH  | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |                                  |  |
|------|---|------------------------|---|---|----------------|----------|----------------------------------|--|
| 1    | Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH   | 34.108<br>6.10.2.4.4.1 | UL Max TB bits  | 640   | pc_RAB_A_18f_1 |          |                                  |  |
|      |   |                        | UL Max CC TB bits   | 640   |                |          |                                  |  |
|      |   |                        | UL Max TC TB bits   | N/A   |                |          |                                  |  |
|      |   |                        | UL Max TrCHs  | 2   |                |          |                                  |  |
|      |   |                        | UL Max TTI TB   | 2   |                |          |                                  |  |
|      |   |                        | UL Max TFS  | 4   |                |          |                                  |  |
|      |   |                        | UL Max TF   | 32  |                |          |                                  |  |
|      |   |                        | UL TC   | N/A   |                |          |                                  |  |
|      | Other required UE radio access capability   | none                   |   |   |                |          |                                  |  |
| 2    | Interactive/Background 32 kbps PS RAB +<br>Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH  | 34.108<br>6.10.2.4.4.2 | UL Max TB bits  | 640   | pc_RAB_A_18f_2 |          |                                  |  |
|      |   |                        | UL Max CC TB bits   | 640   |                |          |                                  |  |
|      |   |                        | UL Max TC TB bits   | N/A   |                |          |                                  |  |
|      |   |                        | UL Max TrCHs  | 2   |                |          |                                  |  |
|      |   |                        | UL Max TTI TB   | 2   |                |          |                                  |  |
|      |   |                        | UL Max TFS  | 4   |                |          |                                  |  |
|      |   |                        | UL Max TF   | 32  |                |          |                                  |  |
|      |   |                        | UL TC   | N/A   |                |          |                                  |  |
|      | Other required UE radio access capability   | none                   |   |   |                |          |                                  |  |
| 3    | Interactive/Background /<br>UL:32 DL: [max bit rate depending on UE category] with fixed RLC and MAC-ehs / PS RAB + SRBs for DCCH on RACH and SRB with fixed RLC and MAC-ehs on HS-DSCH / DL:QPSK | 34.108<br>6.10.2.4.4.3 | HS-PDSCH  | Yes   | pc_RAB_A_18f_3 |          |                                  |  |
|      |   |                        | UL Max TB bits  | 640   |                |          |                                  |  |
|      |   |                        | UL Max CC TB bits   | 640   |                |          |                                  |  |
|      |   |                        | UL Max TC TB bits   | N/A   |                |          |                                  |  |
|      |   |                        | UL Max TrCHs  | 2   |                |          |                                  |  |
|      |   |                        | UL Max TTI TB   | 2   |                |          |                                  |  |
|      |   |                        | UL Max TFS  | 4   |                |          |                                  |  |
|      |   |                        | UL Max TF   | 32  |                |          |                                  |  |
|      |   |                        | UL TC   | N/A   |                |          |                                  |  |
|      |   |                        |   | Other required UE radio access capability                 |                |          | Support of HS-PDSCH in CELL_FACH |  |

**Table A.18f.1: FDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH**

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH and HS-PDSCH                                       | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|---|---|-------------------|----------|
| 1   | Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.2.4.5.1  | HS-PDSCH  | Yes   | pc_RAB_A_18f_1_1  |          |
|   |  |                         | DL Max TB bits  | 640   |                   |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | N/A   |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 4   |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | N/A   |                   |          |
|   |  |                         | UL Max TB bits  | 2560  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max TTI TB   | 8   |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 1a  | Interactive or Background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.5.1a | HS-PDSCH  | Yes   | pc_RAB_A_18f_1_1a |          |
|   |  |                         | DL Max TB bits  | 640   |                   |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | N/A   |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 4   |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | N/A   |                   |          |
|   |  |                         | UL Max TB bits  | 3840  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 3840  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max TTI TB   | 16  |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 2   | Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.5.2  | HS-PDSCH  | Yes   | pc_RAB_A_18f_1_2  |          |
|   |  |                         | DL Max TB bits  | 640   |                   |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | N/A   |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 4   |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |

|    |   |                         |   |      |                   |  |
|----|---|-------------------------|---|------|-------------------|--|
|    |   |                         | DL TC                                     | N/A  |                   |  |
|    |   |                         | UL Max TB bits                            | 5120 |                   |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                   |  |
|    |   |                         | UL Max TC TB bits                         | 5120 |                   |  |
|    |   |                         | UL Max TrCHs                              | 2    |                   |  |
|    |   |                         | UL Max TTI TB                             | 16   |                   |  |
|    |   |                         | UL Max TFS                                | 16   |                   |  |
|    |   |                         | UL Max TF                                 | 32   |                   |  |
|    |   |                         | UL TC                                     | Yes  |                   |  |
|    |   |                         | Other required UE radio access capability | None |                   |  |
| 3  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.5.3  | HS-PDSCH                                  | Yes  | pc_RAB_A_18f_1_3  |  |
|    |   |                         | DL Max TB bits                            | 640  |                   |  |
|    |   |                         | DL Max CC TB bits                         | 640  |                   |  |
|    |   |                         | DL Max TC TB bits                         | N/A  |                   |  |
|    |   |                         | DL Max TrCHs                              | 4    |                   |  |
|    |   |                         | DL Max CCTrCH                             | 1    |                   |  |
|    |   |                         | DL Max TTI TB                             | 4    |                   |  |
|    |   |                         | DL Max TFS                                | 16   |                   |  |
|    |   |                         | DL Max TF                                 | 32   |                   |  |
|    |   |                         | DL TC                                     | N/A  |                   |  |
|    |   |                         | UL Max TB bits                            | 5120 |                   |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                   |  |
|    |   |                         | UL Max TC TB bits                         | 5120 |                   |  |
|    |   |                         | UL Max TrCHs                              | 8    |                   |  |
|    |   |                         | UL Max TTI TB                             | 16   |                   |  |
|    |   |                         | UL Max TFS                                | 64   |                   |  |
|    |   |                         | UL Max TF                                 | 32   |                   |  |
|    |   |                         | UL TC                                     | Yes  |                   |  |
|    |   |                         | Other required UE radio access capability | None |                   |  |
| 3a | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.2.4.5.3a | HS-PDSCH                                  | Yes  | pc_RAB_A_18f_1_3a |  |
|    |   |                         | DL Max TB bits                            | 640  |                   |  |
|    |   |                         | DL Max CC TB bits                         | 640  |                   |  |
|    |   |                         | DL Max TC TB bits                         | N/A  |                   |  |
|    |   |                         | DL Max TrCHs                              | 4    |                   |  |
|    |   |                         | DL Max CCTrCH                             | 1    |                   |  |
|    |   |                         | DL Max TTI TB                             | 4    |                   |  |
|    |   |                         | DL Max TFS                                | 16   |                   |  |
|    |   |                         | DL Max TF                                 | 32   |                   |  |
|    |   |                         | DL TC                                     | N/A  |                   |  |
|    |   |                         | UL Max TB bits                            | 2560 |                   |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                   |  |
|    |   |                         | UL Max TC TB bits                         | 2560 |                   |  |
|    |   |                         | UL Max TrCHs                              | 8    |                   |  |
|    |   |                         | UL Max TTI TB                             | 8    |                   |  |
|    |   |                         | UL Max TFS                                | 32   |                   |  |
|    |   |                         | UL Max TF                                 | 32   |                   |  |
|    |   |                         | UL TC                                     | Yes  |                   |  |
|    |   |                         | Other required UE radio access capability | None |                   |  |



|   |  |                         |                   |      |                   |  |
|---|--|-------------------------|-------------------|------|-------------------|--|
| 4   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                   | 34.108<br>6.10.2.4.5.4  | HS-PDSCH          | Yes  | pc_RAB_A_18f_1_4  |  |
|   |  |                         | DL Max TB bits    | 640  |                   |  |
|   |  |                         | DL Max CC TB bits | 640  |                   |  |
|   |  |                         | DL Max TC TB bits | N/A  |                   |  |
|   |  |                         | DL Max TrCHs      | 4    |                   |  |
|   |  |                         | DL Max CCTrCH     | 1    |                   |  |
|   |  |                         | DL Max TTI TB     | 4    |                   |  |
|   |  |                         | DL Max TFS        | 16   |                   |  |
|   |  |                         | DL Max TF         | 32   |                   |  |
|   |  |                         | DL TC             | N/A  |                   |  |
|   |  |                         | UL Max TB bits    | 7680 |                   |  |
|   |  |                         | UL Max CC TB bits | 640  |                   |  |
|   |  |                         | UL Max TC TB bits | 7680 |                   |  |
|   |  |                         | UL Max TrCHs      | 4    |                   |  |
|   |  |                         | UL Max TTI TB     | 32   |                   |  |
|   |  |                         | UL Max TFS        | 32   |                   |  |
|   |  |                         | UL Max TF         | 32   |                   |  |
| UL TC                                     | Yes  |                         |                   |      |                   |  |
| Other required UE radio access capability | None   |                         |                   |      |                   |  |
| 4a  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                    | 34.108<br>6.10.2.4.5.4a | HS-PDSCH          | Yes  | pc_RAB_A_18f_1_4a |  |
|   |  |                         | DL Max TB bits    | 3840 |                   |  |
|   |  |                         | DL Max CC TB bits | 640  |                   |  |
|   |  |                         | DL Max TC TB bits | 2560 |                   |  |
|   |  |                         | DL Max TrCHs      | 4    |                   |  |
|   |  |                         | DL Max CCTrCH     | 1    |                   |  |
|   |  |                         | DL Max TTI TB     | 8    |                   |  |
|   |  |                         | DL Max TFS        | 16   |                   |  |
|   |  |                         | DL Max TF         | 32   |                   |  |
|   |  |                         | DL TC             | Yes  |                   |  |
|   |  |                         | UL Max TB bits    | 5120 |                   |  |
|   |  |                         | UL Max CC TB bits | 640  |                   |  |
|   |  |                         | UL Max TC TB bits | 5120 |                   |  |
|   |  |                         | UL Max TrCHs      | 4    |                   |  |
|   |  |                         | UL Max TTI TB     | 16   |                   |  |
|   |  |                         | UL Max TFS        | 32   |                   |  |
|   |  |                         | UL Max TF         | 32   |                   |  |
| UL TC                                     | Yes  |                         |                   |      |                   |  |
| Other required UE radio access capability | None   |                         |                   |      |                   |  |
| 5   | Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.5.5  | HS-PDSCH          | Yes  | pc_RAB_A_18f_1_5  |  |
|   |  |                         | DL Max TB bits    | 640  |                   |  |
|   |  |                         | DL Max CC TB bits | 640  |                   |  |
|   |  |                         | DL Max TC TB bits | N/A  |                   |  |
|   |  |                         | DL Max TrCHs      | 4    |                   |  |
|   |  |                         | DL Max CCTrCH     | 1    |                   |  |
|   |  |                         | DL Max TTI TB     | 4    |                   |  |

|    |   |                         |   |      |                   |
|----|---|-------------------------|---|------|-------------------|
|    |   |                         | DL Max TFS                                | 16   |                   |
|    |   |                         | DL Max TF                                 | 32   |                   |
|    |   |                         | DL TC                                     | N/A  |                   |
|    |   |                         | UL Max TB bits                            | 5120 |                   |
|    |   |                         | UL Max CC TB bits                         | 640  |                   |
|    |   |                         | UL Max TC TB bits                         | 5120 |                   |
|    |   |                         | UL Max TrCHs                              | 2    |                   |
|    |   |                         | UL Max TTI TB                             | 16   |                   |
|    |   |                         | UL Max TFS                                | 16   |                   |
|    |   |                         | UL Max TF                                 | 32   |                   |
|    |   |                         | UL TC                                     | Yes  |                   |
|    |   |                         | Other required UE radio access capability | None |                   |
| 5a | Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                    | 34.108<br>6.10.2.4.5.5a | HS-PDSCH                                  | Yes  | pc_RAB_A_18f_1_5a |
|    |   |                         | DL Max TB bits                            | 640  |                   |
|    |   |                         | DL Max CC TB bits                         | 640  |                   |
|    |   |                         | DL Max TC TB bits                         | N/A  |                   |
|    |   |                         | DL Max TrCHs                              | 4    |                   |
|    |   |                         | DL Max CCTrCH                             | 1    |                   |
|    |   |                         | DL Max TTI TB                             | 4    |                   |
|    |   |                         | DL Max TFS                                | 16   |                   |
|    |   |                         | DL Max TF                                 | 32   |                   |
|    |   |                         | DL TC                                     | N/A  |                   |
|    |   |                         | UL Max TB bits                            | 2560 |                   |
|    |   |                         | UL Max CC TB bits                         | 640  |                   |
|    |   |                         | UL Max TC TB bits                         | 2560 |                   |
|    |   |                         | UL Max TrCHs                              | 2    |                   |
|    |   |                         | UL Max TTI TB                             | 8    |                   |
|    |   |                         | UL Max TFS                                | 16   |                   |
|    |   |                         | UL Max TF                                 | 32   |                   |
|    |   |                         | UL TC                                     | Yes  |                   |
|    |   |                         | Other required UE radio access capability | None |                   |
| 6  | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.5.6  | HS-PDSCH                                  | Yes  | pc_RAB_A_18f_1_6  |
|    |   |                         | DL Max TB bits                            | 640  |                   |
|    |   |                         | DL Max CC TB bits                         | 640  |                   |
|    |   |                         | DL Max TC TB bits                         | N/A  |                   |
|    |   |                         | DL Max TrCHs                              | 4    |                   |
|    |   |                         | DL Max CCTrCH                             | 1    |                   |
|    |   |                         | DL Max TTI TB                             | 4    |                   |
|    |   |                         | DL Max TFS                                | 16   |                   |
|    |   |                         | DL Max TF                                 | 32   |                   |
|    |   |                         | DL TC                                     | N/A  |                   |
|    |   |                         | UL Max TB bits                            | 6400 |                   |
|    |   |                         | UL Max CC TB bits                         | 640  |                   |
|    |   |                         | UL Max TC TB bits                         | 6400 |                   |
|    |   |                         | UL Max TrCHs                              | 4    |                   |
|    |   |                         | UL Max TTI TB                             | 16   |                   |
|    |   |                         | UL Max TFS                                | 48   |                   |
|    |   |                         | UL Max TF                                 | 32   |                   |

|   |   |                        |   |        |                  |
|---|---|------------------------|---|--------|------------------|
|   |   |                        | UL TC                                     | Yes    |                  |
|   |   |                        | Other required UE radio access capability | None   |                  |
| 7 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.5.7 | HS-PDSCH                                  | Yes    | pc_RAB_A_18f_1_7 |
|   |   |                        | DL Max TB bits                            | 3840   |                  |
|   |   |                        | DL Max CC TB bits                         | 640    |                  |
|   |   |                        | DL Max TC TB bits                         | 2560   |                  |
|   |   |                        | DL Max TrCHs                              | 4      |                  |
|   |   |                        | DL Max CCTrCH                             | 1      |                  |
|   |   |                        | DL Max TTI TB                             | 8      |                  |
|   |   |                        | DL Max TFS                                | 16     |                  |
|   |   |                        | DL Max TF                                 | 32     |                  |
|   |   |                        | DL TC                                     | Yes    |                  |
|   |   |                        | UL Max TB bits                            | 6400   |                  |
|   |   |                        | UL Max CC TB bits                         | 640    |                  |
|   |   |                        | UL Max TC TB bits                         | 6400   |                  |
|   |   |                        | UL Max TrCHs                              | 8      |                  |
|   |   |                        | UL Max TTI TB                             | 16     |                  |
|   |   |                        | UL Max TFS                                | 64     |                  |
|   |   |                        | UL Max TF                                 | 32     |                  |
|   |   |                        | UL TC                                     | Yes    |                  |
|   |   |                        | Other required UE radio access capability | None   |                  |
| 8 | Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Interactive or Background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH  | 34.108<br>6.10.2.4.5.8 | HS-PDSCH                                  | Yes    | pc_RAB_A_18f_1_8 |
|   |   |                        | DL Max TB bits                            | 640    |                  |
|   |   |                        | DL Max CC TB bits                         | 640    |                  |
|   |   |                        | DL Max TC TB bits                         | N/A    |                  |
|   |   |                        | DL Max TrCHs                              | 5->8   |                  |
|   |   |                        | DL Max CCTrCH                             | 1      |                  |
|   |   |                        | DL Max TTI TB                             | 4      |                  |
|   |   |                        | DL Max TFS                                | 20->32 |                  |
|   |   |                        | DL Max TF                                 | 14->32 |                  |
|   |   |                        | DL TC                                     | N/A    |                  |
|   |   |                        | UL Max TB bits                            | 640    |                  |
|   |   |                        | UL Max CC TB bits                         | 640    |                  |
|   |   |                        | UL Max TC TB bits                         | N/A    |                  |
|   |   |                        | UL Max TrCHs                              | 4      |                  |
|   |   |                        | UL Max TTI TB                             | 4      |                  |
|   |   |                        | UL Max TFS                                | 64     |                  |
|   |   |                        | UL Max TF                                 | 32     |                  |
|   |   |                        | UL TC                                     | Yes    |                  |
|   |   |                        | Other required UE radio access capability | None   |                  |

|    |   |                         |   |      |                   |  |
|----|---|-------------------------|---|------|-------------------|--|
| 9  | Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.10.2.4.5.9  | HS-PDSCH                                  | Yes  | pc_RAB_A_18f_1_9  |  |
|    |   |                         | DL Max TB bits                            | 640  |                   |  |
|    |   |                         | DL Max CC TB bits                         | 640  |                   |  |
|    |   |                         | DL Max TC TB bits                         | N/A  |                   |  |
|    |   |                         | DL Max TrCHs                              | 4    |                   |  |
|    |   |                         | DL Max CCTrCH                             | 1    |                   |  |
|    |   |                         | DL Max TTI TB                             | 4    |                   |  |
|    |   |                         | DL Max TFS                                | 16   |                   |  |
|    |   |                         | DL Max TF                                 | 32   |                   |  |
|    |   |                         | DL TC                                     | N/A  |                   |  |
|    |   |                         | UL Max TB bits                            | 640  |                   |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                   |  |
|    |   |                         | UL Max TC TB bits                         | 640  |                   |  |
|    |   |                         | UL Max TrCHs                              | 4    |                   |  |
|    |   |                         | UL Max TTI TB                             | 2    |                   |  |
|    |   |                         | UL Max TFS                                | 4    |                   |  |
|    |   |                         | UL Max TF                                 | 32   |                   |  |
|    |   |                         | UL TC                                     | Yes  |                   |  |
|    |   |                         | Other required UE radio access capability | None |                   |  |
| 10 | Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.2.4.5.10 | HS-PDSCH                                  | Yes  | pc_RAB_A_18f_1_10 |  |
|    |   |                         | DL Max TB bits                            | 640  |                   |  |
|    |   |                         | DL Max CC TB bits                         | 640  |                   |  |
|    |   |                         | DL Max TC TB bits                         | N/A  |                   |  |
|    |   |                         | DL Max TrCHs                              | 4    |                   |  |
|    |   |                         | DL Max CCTrCH                             | 1    |                   |  |
|    |   |                         | DL Max TTI TB                             | 4    |                   |  |
|    |   |                         | DL Max TFS                                | 16   |                   |  |
|    |   |                         | DL Max TF                                 | 32   |                   |  |
|    |   |                         | DL TC                                     | N/A  |                   |  |
|    |   |                         | UL Max TB bits                            | 2560 |                   |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                   |  |
|    |   |                         | UL Max TC TB bits                         | 2560 |                   |  |
|    |   |                         | UL Max TrCHs                              | 4    |                   |  |
|    |   |                         | UL Max TTI TB                             | 8    |                   |  |
|    |   |                         | UL Max TFS                                | 32   |                   |  |
|    |   |                         | UL Max TF                                 | 32   |                   |  |
|    |   |                         | UL TC                                     | Yes  |                   |  |
|    |   |                         | Other required UE radio access capability | None |                   |  |

**Table A.18f.2: FDD radio bearer capabilities for specific combinations on DPCH**

| Item                                      | FDD radio bearer capabilities for specific combinations on DPCH  | Ref.              | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|---|--|-------------------|---|---|-----------------|----------|
| 1   | Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:16 DL:64 kbps / PS RAB + UL:13.6 DL:13.6 kbps SRBs for DCCH | 34.123-1, 7.1.3.2 | DL Max TB bits  | 3108  | pc_RAB_A_18f2_1 |          |
|   |  |                   | DL Max CC TB bits   | 592   |                 |          |
|   |  |                   | DL Max TC TB bits   | 2960  |                 |          |
|   |  |                   | DL Max TrCHs  | 3   |                 |          |
|   |  |                   | DL Max CCTrCH   | 1   |                 |          |
|   |  |                   | DL Max TTI TB   | 8   |                 |          |
|   |  |                   | DL Max TFS  | 15  |                 |          |
|   |  |                   | DL Max TF   | 9   |                 |          |
|   |  |                   | DL TC   | Yes   |                 |          |
|   |  |                   | UL Max TB bits  | 928   |                 |          |
|   |  |                   | UL Max CC TB bits   | 592   |                 |          |
|   |  |                   | UL Max TC TB bits   | 672   |                 |          |
|   |  |                   | UL Max TrCHs  | 3   |                 |          |
|   |  |                   | UL Max CCTrCH   | 1   |                 |          |
|   |  |                   | UL Max TTI TB   | 5   |                 |          |
|   |  |                   | UL Max TFS  | 22  |                 |          |
|   |  |                   | UL Max TF   | 13  |                 |          |
| UL TC                                     | Yes  |                   |   |   |                 |          |
| Other required UE radio access capability | None   |                   |   |   |                 |          |

**Table A.18f.3: FDD interoperability radio bearer capabilities for combinations on HS-PDSCH and E-DPDCH**

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH and HS-PDSCH   | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |  |                        |                     |   |                 |  |      |
|---|--|------------------------|---|---|-----------------|----------|--|------------------------|---------------------|---|-----------------|--|------|
| 1   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: 3.4 DL:3.4 kbps SRBs for DCCH on DCH   | 34.108<br>6.10.2.4.6.1 | HS-PDSCH<br>E-DPDCH   | Yes   | pc_RAB_A_18f3_1 |          |  |                        |                     |   |                 |  |      |
|   |  |                        |   | Yes   |                 |          |  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TB bits  |                 |          | 640  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max CC TB bits   |                 |          | 640  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TC TB bits   |                 |          | N/A  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TrCHs  |                 |          | 4  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max CCTrCH   |                 |          | 1  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TTI TB   |                 |          | 4  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TFS  |                 |          | 16   |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TF   |                 |          | 32   |                        |                     |   |                 |  |      |
|   |  |                        |   | DL TC   |                 |          | N/A  |                        |                     |   |                 |  |      |
|   |  |                        |   | UL Max TB bits  |                 |          | 640  |                        |                     |   |                 |  |      |
|   |  |                        |   | UL Max CC TB bits   |                 |          | 640  |                        |                     |   |                 |  |      |
|   |  |                        |   | UL Max TC TB bits   |                 |          | N/A  |                        |                     |   |                 |  |      |
|   |  |                        |   | UL Max TrCHs  |                 |          | 2  |                        |                     |   |                 |  |      |
|   |  |                        |   | UL Max TTI TB   |                 |          | 2  |                        |                     |   |                 |  |      |
|   |  |                        |   | UL Max TFS  |                 |          | 4  |                        |                     |   |                 |  |      |
| UL Max TF                                 | 32   |                        |   |   |                 |          |  |                        |                     |   |                 |  |      |
| UL TC                                     | N/A  |                        |   |   |                 |          |  |                        |                     |   |                 |  |      |
| Other required UE radio access capability | None   |                        |   |   |                 |          |  |                        |                     |   |                 |  |      |
| 2   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 34.108<br>6.10.2.4.6.2 | HS-PDSCH<br>E-DPDCH   | Yes   | pc_RAB_A_18f3_2 |          |  |                        |                     |   |                 |  |      |
|   |  |                        |   | Yes   |                 |          |  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TB bits  |                 |          | 640  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max CC TB bits   |                 |          | 640  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TC TB bits   |                 |          | N/A  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TrCHs  |                 |          | 4  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max CCTrCH   |                 |          | 1  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TTI TB   |                 |          | 4  |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TFS  |                 |          | 16   |                        |                     |   |                 |  |      |
|   |  |                        |   | DL Max TF   |                 |          | 32   |                        |                     |   |                 |  |      |
|   |  |                        |   | DL TC   |                 |          | N/A  |                        |                     |   |                 |  |      |
|   |  |                        |   | Other required UE radio access capability                 |                 |          | None   |                        |                     |   |                 |  |      |
|   |  |                        |   | 3   |                 |          | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | 34.108<br>6.10.2.4.6.3 | HS-PDSCH<br>E-DPDCH | Yes                                       | pc_RAB_A_18f3_3 |  |      |
|   |  |                        |   |   |                 |          |  |                        |                     | Yes                                       |                 |  |      |
|   |  |                        |   |   |                 |          |  |                        |                     | Other required UE radio access capability |                 |  | None |

|   |  |                        |   |      |                 |  |
|---|--|------------------------|---|------|-----------------|--|
| 4   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.10.2.4.6.4 | HS-PDSCH                                  | Yes  | pc_RAB_A_18f3_4 |  |
|   |  |                        | E-DPDCH                                   | Yes  |                 |  |
|   |  |                        | DL Max TB bits                            | 640  |                 |  |
|   |  |                        | DL Max CC TB bits                         | 640  |                 |  |
|   |  |                        | DL Max TC TB bits                         | N/A  |                 |  |
|   |  |                        | DL Max TrCHs                              | 4    |                 |  |
|   |  |                        | DL Max CCTrCH                             | 1    |                 |  |
|   |  |                        | DL Max TTI TB                             | 4    |                 |  |
|   |  |                        | DL Max TFS                                | 16   |                 |  |
|   |  |                        | DL Max TF                                 | 32   |                 |  |
|   |  |                        | DL TC                                     | N/A  |                 |  |
|   |  |                        | UL Max TB bits                            | 640  |                 |  |
|   |  |                        | UL Max CC TB bits                         | 640  |                 |  |
|   |  |                        | UL Max TC TB bits                         | N/A  |                 |  |
|   |  |                        | UL Max TrCHs                              | 4    |                 |  |
|   |  |                        | UL Max TTI TB                             | 4    |                 |  |
|   |  |                        | UL Max TFS                                | 8    |                 |  |
| UL Max TF                                 | 32   |                        |   |      |                 |  |
| UL TC                                     | N/A  |                        |   |      |                 |  |
| Other required UE radio access capability | None   |                        |   |      |                 |  |
| 5   | Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 34.108<br>6.10.2.4.6.5 | HS-PDSCH                                  | Yes  | pc_RAB_A_18f3_5 |  |
|   |  |                        | E-DPDCH                                   | Yes  |                 |  |
|   |  |                        | DL Max TB bits                            | 640  |                 |  |
|   |  |                        | DL Max CC TB bits                         | 640  |                 |  |
|   |  |                        | DL Max TC TB bits                         | N/A  |                 |  |
|   |  |                        | DL Max TrCHs                              | 4    |                 |  |
|   |  |                        | DL Max CCTrCH                             | 1    |                 |  |
|   |  |                        | DL Max TTI TB                             | 4    |                 |  |
|   |  |                        | DL Max TFS                                | 16   |                 |  |
|   |  |                        | DL Max TF                                 | 32   |                 |  |
|   |  |                        | DL TC                                     | N/A  |                 |  |
|   |  |                        | Other required UE radio access capability | None |                 |  |



|           |  |                        |   |                   |                 |  |     |
|-----------|--|------------------------|---|-------------------|-----------------|--|-----|
| 6         | Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH   | 34.108<br>6.10.2.4.6.6 | HS-PDSCH<br>E-DPDCH                       | Yes               | pc_RAB_A_18f3_6 |  |     |
|           |  |                        |   | Yes               |                 |  |     |
|           |  |                        | Other required UE radio access capability | None              |                 |  |     |
| 7         | Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: :[max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | 34.108<br>6.10.2.4.6.7 | HS-PDSCH<br>E-DPDCH                       | Yes               | pc_RAB_A_18f3_7 |  |     |
|           |  |                        |   | Yes               |                 |  |     |
|           |  |                        | Other required UE radio access capability | None              |                 |  |     |
| 8         | Conversational / speech / UL12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH   | 34.108<br>6.10.2.4.6.8 | HS-PDSCH<br>E-DPDCH                       | Yes               | pc_RAB_A_18f3_8 |  |     |
|           |  |                        |   | Yes               |                 |  |     |
|           |  |                        |   | DL Max TB bits    |                 |  | 640 |
|           |  |                        |   | DL Max CC TB bits |                 |  | 640 |
|           |  |                        |   | DL Max TC TB bits |                 |  | N/A |
|           |  |                        |   | DL Max TrCHs      |                 |  | 4   |
|           |  |                        |   | DL Max CCTrCH     |                 |  | 1   |
|           |  |                        |   | DL Max TTI TB     |                 |  | 4   |
|           |  |                        |   | DL Max TFS        |                 |  | 32  |
|           |  |                        |   | DL Max TF         |                 |  | 32  |
|           |  |                        |   | DL TC             |                 |  | N/A |
|           |  |                        |   | UL Max TB bits    |                 |  | 640 |
|           |  |                        |   | UL Max CC TB bits |                 |  | 640 |
|           |  |                        |   | UL Max TC TB bits |                 |  | N/A |
|           |  |                        |   | UL Max TrCHs      |                 |  | 4   |
|           |  |                        |   | UL Max TTI TB     |                 |  | 4   |
|           |  |                        |   | UL Max TFS        |                 |  | 32  |
| UL Max TF | 32   |                        |   |                   |                 |  |     |
| UL TC     | N/A  |                        |   |                   |                 |  |     |

|    |   |                         |   |                                      |                  |
|----|---|-------------------------|---|--------------------------------------|------------------|
|    |   |                         | Other required UE radio access capability | None                                 |                  |
| 9  | Conversational / speech / UL:(12.2, 7.95, 5.9, 4.75) kbps DL: (12.2, 7.95, 5.9, 4.75) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | 34.108<br>6.10.2.4.6.9  | HS-PDSCH<br>E-DPDCH                       | Yes<br>Yes                           | pc_RAB_A_18f3_9  |
|    |   |                         | Other required UE radio access capability | Support for CS voice over HSPA = Yes |                  |
| 10 | Conversational / speech / UL:(12.65, 8.85, 6.6) kbps DL: (12.65, 8.85, 6.6) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH           | 34.108<br>6.10.2.4.6.10 | HS-PDSCH<br>E-DPDCH                       | Yes<br>Yes                           | pc_RAB_A_18f3_10 |
|    |   |                         | Other required UE radio access capability | Support for CS voice over HSPA = Yes |                  |

**A.4.3.3.2 TDD Radio Bearer Capabilities (1.28 Mcps option)**

The applicability column in table A.18g specifies the minimum UE radio access capability for which radio bearer configurations are applicable. The UE radio access capability parameters and their possible value range are defined in TS 25.306 [34a] clause 5.1.

The following labels have been used in table A.18g to represent the various UE radio access capability parameters:

|  | Label             | UE radio access capability parameter as defined in [34a] 25.306.   |
|--|-------------------|--|
| Transport channel parameters in downlink | DL Max TB bits    | Maximum sum of number of bits of all transport blocks being received at an arbitrary time instant                          |
|  | DL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being received at an arbitrary time instant    |
|  | DL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being received at an arbitrary time instant              |
|  | DL Max TrCHs      | Maximum number of simultaneous transport channels  |
|  | DL Max CCTrCH     | Maximum number of simultaneous CCTrCH  |
|  | DL Max TTI TB     | Maximum total number of transport blocks received within TTIs that end within the same 10 ms interval                      |
|  | DL Max TFS        | Maximum number of TFC in the TFCS  |
|  | DL Max TF         | Maximum number of TF   |
|  | DL TC             | Support for turbo decoding   |
| Transport channel parameters in uplink   | UL Max TB bits    | Maximum sum of number of bits of all transport blocks being transmitted at an arbitrary time instant                       |
|  | UL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being transmitted at an arbitrary time instant |
|  | UL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being transmitted at an arbitrary time instant           |
|  | UL Max TrCHs      | Maximum number of simultaneous transport channels  |
|  | UL Max CCTrCH     | Maximum number of simultaneous CCTrCH  |
|  | UL Max TFS        | Maximum number of TFC in the TFCS  |
|  | UL Max TF         | Maximum number of TF   |
|  |                   | UL TC  |

**Table A.18g: Radio bearer capabilities for combinations on DPCH (1.28 Mcps TDD option)**

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|---|------------------------|---|---|----------------|----------|
|   |   |                        | Parameter   | Value   |                |          |
| 1   | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH                            | 34.108<br>6.11.5.4.1.1 | DL Max TB bits  | 640   | pc_RAB_A_18g_1 |          |
|   |   |                        | DL Max CC TB bits   | 640   |                |          |
|   |   |                        | DL Max TC TB bits   | N/A   |                |          |
|   |   |                        | DL Max TrCHs  | 4   |                |          |
|   |   |                        | DL Max CCTrCH   | 1   |                |          |
|   |   |                        | DL Max TTI TB   | 4   |                |          |
|   |   |                        | DL Max TFS  | 16  |                |          |
|   |   |                        | DL Max TF   | 32  |                |          |
|   |   |                        | DL TC   | N/A   |                |          |
|   |   |                        | UL Max TB bits  | 640   |                |          |
|   |   |                        | UL Max CC TB bits   | 640   |                |          |
|   |   |                        | UL Max TC TB bits   | N/A   |                |          |
|   |   |                        | UL Max TrCHs  | 2   |                |          |
|   |   |                        | UL Max CCTrCH   | 1   |                |          |
|   |   |                        | UL Max TFS  | 4   |                |          |
|   |   |                        | UL Max TF   | 32  |                |          |
| UL TC                                     | N/A   |                        |   |   |                |          |
| Other required UE radio access capability | None  |                        |   |   |                |          |
| 2   | Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH                            | 34.108<br>6.11.5.4.1.2 | DL Max TB bits  | 640   | pc_RAB_A_18g_2 |          |
|   |   |                        | DL Max CC TB bits   | 640   |                |          |
|   |   |                        | DL Max TC TB bits   | N/A   |                |          |
|   |   |                        | DL Max TrCHs  | 4   |                |          |
|   |   |                        | DL Max CCTrCH   | 1   |                |          |
|   |   |                        | DL Max TTI TB   | 4   |                |          |
|   |   |                        | DL Max TFS  | 16  |                |          |
|   |   |                        | DL Max TF   | 32  |                |          |
|   |   |                        | DL TC   | N/A   |                |          |
|   |   |                        | UL Max TB bits  | 640   |                |          |
|   |   |                        | UL Max CC TB bits   | 640   |                |          |
|   |   |                        | UL Max TC TB bits   | N/A   |                |          |
|   |   |                        | UL Max TrCHs  | 2   |                |          |
|   |   |                        | UL Max CCTrCH   | 1   |                |          |
|   |   |                        | UL Max TFS  | 4   |                |          |
|   |   |                        | UL Max TF   | 32  |                |          |
| UL TC                                     | N/A   |                        |   |   |                |          |
| Other required UE radio access capability | None  |                        |   |   |                |          |
| 3   | Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH                          | 34.108<br>6.11.5.4.1.3 | DL Max TB bits  | 640   | pc_RAB_A_18g_3 |          |
|   |   |                        | DL Max CC TB bits   | 640   |                |          |
|   |   |                        | DL Max TC TB bits   | N/A   |                |          |
|   |   |                        | DL Max TrCHs  | 4   |                |          |
|   |   |                        | DL Max CCTrCH   | 1   |                |          |
|   |   |                        | DL Max TTI TB   | 4   |                |          |
|   |   |                        | DL Max TFS  | 16  |                |          |
|   |   |                        | DL Max TF   | 32  |                |          |
|   |   |                        | DL TC   | N/A   |                |          |
|   |   |                        | UL Max TB bits  | 640   |                |          |
|   |   |                        | UL Max CC TB bits   | 640   |                |          |
|   |   |                        | UL Max TC TB bits   | N/A   |                |          |
|   |   |                        | UL Max TrCHs  | 2   |                |          |
|   |   |                        | UL Max CCTrCH   | 1   |                |          |
|   |   |                        | UL Max TFS  | 4   |                |          |
|   |   |                        | UL Max TF   | 32  |                |          |
| UL TC                                     | N/A   |                        |   |   |                |          |

| Item       | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                     | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------------|---|-------------------------|---|---|-----------------|----------|
|            |   |                         | Parameter   | Value   |                 |          |
|            |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 4          | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.4  | DL Max TB bits  | 640   | pc_RAB_A_18g_4  |          |
|            |   |                         | DL Max CC TB bits   | 640   |                 |          |
|            |   |                         | DL Max TC TB bits   | N/A   |                 |          |
|            |   |                         | DL Max TrCHs  | 4   |                 |          |
|            |   |                         | DL Max CCTrCH   | 1   |                 |          |
|            |   |                         | DL Max TTI TB   | 4   |                 |          |
|            |   |                         | DL Max TFS  | 16  |                 |          |
|            |   |                         | DL Max TF   | 32  |                 |          |
|            |   |                         | DL TC   | N/A   |                 |          |
|            |   |                         | UL Max TB bits  | 640   |                 |          |
|            |   |                         | UL Max CC TB bits   | 640   |                 |          |
|            |   |                         | UL Max TC TB bits   | N/A   |                 |          |
|            |   |                         | UL Max TrCHs  | 4   |                 |          |
|            |   |                         | UL Max CCTrCH   | 1   |                 |          |
|            |   |                         | UL Max TFS  | 8   |                 |          |
| UL Max TF  | 32  |                         |   |   |                 |          |
| UL TC      | N/A   |                         |   |   |                 |          |
|            |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 5          | Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.5  | Same as for item 4.   |   | pc_RAB_A_18g_5  |          |
| 6          | Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.6  | Same as for item 4.   |   | pc_RAB_A_18g_6  |          |
| 7          | Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH     | 34.108<br>6.11.5.4.1.7  | Same as for item 4.   |   | pc_RAB_A_18g_7  |          |
| 8          | Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH    | 34.108<br>6.11.5.4.1.8  | Same as for item 4.   |   | pc_RAB_A_18g_8  |          |
| 9          | Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH    | 34.108<br>6.11.5.4.1.9  | Same as for item 4.   |   | pc_RAB_A_18g_9  |          |
| 10         | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.10 | Same as for item 4.   |   | pc_RAB_A_18g_10 |          |
| 11         | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.11 | Same as for item 4.   |   | pc_RAB_A_18g_11 |          |
| 12         | Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.12 | DL Max TB bits  | 2560  | pc_RAB_A_18g_12 |          |
|            |   |                         | DL Max CC TB bits   | 640   |                 |          |
|            |   |                         | DL Max TC TB bits   | 1280  |                 |          |
|            |   |                         | DL Max TrCHs  | 4   |                 |          |
|            |   |                         | DL Max CCTrCH   | 1   |                 |          |
|            |   |                         | DL Max TTI TB   | 4   |                 |          |
| DL Max TFS | 16  |                         |   |   |                 |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                             | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|---|---|-------------------|----------|
|      |   |                         | Parameter   | Value   |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|      |   |                         | UL Max TrCHs  | 4   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 8   |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Y   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 13.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.13 | DL Max TB bits  | 2560  | pc_RAB_A_18g_13_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 1280  |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 4   |                   |          |
|      |   |                         | DL Max TFS  | 16  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|      |   |                         | UL Max TrCHs  | 4   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 8   |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Y   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 13.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.11.5.4.1.13 | DL Max TB bits  | 3840  | pc_RAB_A_18g_13_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 8   |                   |          |
|      |   |                         | DL Max TFS  | 16  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 3840  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 4   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 8   |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                             | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|---|---|-------------------|----------|
|   |   |                         | Parameter   | Value   |                   |          |
| 14.1                                      | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.14 | DL Max TB bits  | 1280  | pc_RAB_A_18g_14_1 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 4   |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 1280  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TrCHs  | 4   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TFS  | 8   |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
|   |   |                         | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 14.2                                      | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.11.5.4.1.14 | DL Max TB bits  | 2560  | pc_RAB_A_18g_14_2 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 1280  |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 4   |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 2560  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|   |   |                         | UL Max TrCHs  | 4   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TFS  | 8   |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
|   |   |                         | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 15  | Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH              | 34.108<br>6.11.5.4.1.15 | DL Max TB bits  | 1280  | pc_RAB_A_18g_15   |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 4   |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 1280  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                           | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|---|---|-------------------------|---|---|-----------------|----------|
|   |   |                         | Parameter   | Value   |                 |          |
|   |   |                         | UL Max TC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TrCHs  | 2   |                 |          |
|   |   |                         | UL Max CCTrCH   | 1   |                 |          |
|   |   |                         | UL Max TFS  | 4   |                 |          |
|   |   |                         | UL Max TF   | 32  |                 |          |
|   |   |                         | UL TC   | Yes   |                 |          |
|   |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 16  | Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH            | 34.108<br>6.11.5.4.1.16 | DL Max TB bits  | 2560  | pc_RAB_A_18g_16 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                 |          |
|   |   |                         | DL Max TC TB bits   | 1280  |                 |          |
|   |   |                         | DL Max TrCHs  | 4   |                 |          |
|   |   |                         | DL Max CCTrCH   | 1   |                 |          |
|   |   |                         | DL Max TTI TB   | 4   |                 |          |
|   |   |                         | DL Max TFS  | 16  |                 |          |
|   |   |                         | DL Max TF   | 32  |                 |          |
|   |   |                         | DL TC   | Yes   |                 |          |
|   |   |                         | UL Max TB bits  | 2560  |                 |          |
|   |   |                         | UL Max CC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TC TB bits   | 1280  |                 |          |
|   |   |                         | UL Max TrCHs  | 4   |                 |          |
|   |   |                         | UL Max CCTrCH   | 1   |                 |          |
|   |   |                         | UL Max TFS  | 8   |                 |          |
|   |   |                         | UL Max TF   | 32  |                 |          |
|   |   |                         | UL TC   | Yes   |                 |          |
| Other required UE radio access capability | None  |                         |   |   |                 |          |
| 17  | Streaming / unknown / UL:57.6/DL:57.6kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | 34.108<br>6.11.5.4.1.14 | DL Max TB bits  | 2560  | pc_RAB_A_18g_17 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                 |          |
|   |   |                         | DL Max TC TB bits   | 2560  |                 |          |
|   |   |                         | DL Max TrCHs  | 4   |                 |          |
|   |   |                         | DL Max CCTrCH   | 1   |                 |          |
|   |   |                         | DL Max TTI TB   | 8   |                 |          |
|   |   |                         | DL Max TFS  | 16  |                 |          |
|   |   |                         | DL Max TF   | 32  |                 |          |
|   |   |                         | DL TC   | Yes   |                 |          |
|   |   |                         | UL Max TB bits  | 2560  |                 |          |
|   |   |                         | UL Max CC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|   |   |                         | UL Max TrCHs  | 4   |                 |          |
|   |   |                         | UL Max CCTrCH   | 1   |                 |          |
|   |   |                         | UL Max TFS  | 16  |                 |          |
|   |   |                         | UL Max TF   | 32  |                 |          |
|   |   |                         | UL TC   | Yes   |                 |          |
| Other required UE radio access capability | None  |                         |   |   |                 |          |
| 18  | Streaming / unknown / UL:0/DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note | 34.108<br>6.11.5.4.1.18 | DL Max TB bits  | 3840  | pc_RAB_A_18g_18 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                 |          |
|   |   |                         | DL Max TC TB bits   | 2560  |                 |          |
|   |   |                         | DL Max TrCHs  | 4   |                 |          |



| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                                  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|---|---|-------------------|----------|
|      |  |                         | Parameter   | Value   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 16  |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 1280  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 2   |                   |          |
|      |  |                         | UL Max TFS  | 4   |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 19   | Streaming / unknown / UL:64/DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br>See note            | 34.108<br>6.11.5.4.1.19 | DL Max TB bits  | 1280  | pc_RAB_A_18g_19   |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 4   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 3840  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 16  |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 20   | void   |                         |   |   |                   |          |
| 21   | void   |                         |   |   |                   |          |
| 22   | void   |                         |   |   |                   |          |
| 23.1 | Interactive or Background/ UL:32/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( TC, 10 ms TTI ) | 34.108<br>6.11.5.4.1.23 | DL Max TB bits  | 640   | pc_RAB_A_18g_23_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 4   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 640   |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TFS  | 4   |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |

| Item  | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                                  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |  |  |  |  |
|-------|--|-------------------------|---|---|-------------------|----------|--|--|--|--|
|       |  |                         | Parameter   | Value   |                   |          |  |  |  |  |
|       |  |                         | Other required UE radio access capability                     | None  |                   |          |  |  |  |  |
| 23.2  | Interactive or Background/ UL:32/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( TC, 20 ms TTI ) | 34.108<br>6.11.5.4.1.23 | DL Max TB bits  | 640   | pc_RAB_A_18g_23_2 |          |  |  |  |  |
|       |  |                         | DL Max CC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | DL Max TC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | DL Max TrCHs  | 4   |                   |          |  |  |  |  |
|       |  |                         | DL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | DL Max TTI TB   | 4   |                   |          |  |  |  |  |
|       |  |                         | DL Max TFS  | 16  |                   |          |  |  |  |  |
|       |  |                         | DL Max TF   | 32  |                   |          |  |  |  |  |
|       |  |                         | DL TC   | Yes   |                   |          |  |  |  |  |
|       |  |                         | UL Max TB bits  | 1280  |                   |          |  |  |  |  |
|       |  |                         | UL Max CC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | 1280  | 640   |                   |          |  |  |  |  |
|       |  |                         | UL Max TrCHs  | 2   |                   |          |  |  |  |  |
|       |  |                         | UL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | UL Max TFS  | 8   |                   |          |  |  |  |  |
|       |  |                         | UL Max TF   | 32  |                   |          |  |  |  |  |
| UL TC | Yes  |                         |   |   |                   |          |  |  |  |  |
|       |  |                         | Other required UE radio access capability                     | None  |                   |          |  |  |  |  |
| 23.3  | Interactive or Background/ UL:32/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( CC,10 ms TTI )  | 34.108<br>6.11.5.4.1.23 | DL Max TB bits  | 640   | pc_RAB_A_18g_23_3 |          |  |  |  |  |
|       |  |                         | DL Max CC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | DL Max TC TB bits   | N/A   |                   |          |  |  |  |  |
|       |  |                         | DL Max TrCHs  | 4   |                   |          |  |  |  |  |
|       |  |                         | DL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | DL Max TTI TB   | 4   |                   |          |  |  |  |  |
|       |  |                         | DL Max TFS  | 16  |                   |          |  |  |  |  |
|       |  |                         | DL Max TF   | 32  |                   |          |  |  |  |  |
|       |  |                         | DL TC   | N/A   |                   |          |  |  |  |  |
|       |  |                         | UL Max TB bits  | 640   |                   |          |  |  |  |  |
|       |  |                         | UL Max CC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | 1280  | 640   |                   |          |  |  |  |  |
|       |  |                         | UL Max TrCHs  | 2   |                   |          |  |  |  |  |
|       |  |                         | UL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | UL Max TFS  | 4   |                   |          |  |  |  |  |
|       |  |                         | UL Max TF   | 32  |                   |          |  |  |  |  |
| UL TC | N/A  |                         |   |   |                   |          |  |  |  |  |
|       |  |                         | Other required UE radio access capability                     | None  |                   |          |  |  |  |  |
| 23.4  | Interactive or Background/ UL:32/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( CC,20 ms TTI )  | 34.108<br>6.11.5.4.1.23 | DL Max TB bits  | 640   | pc_RAB_A_18g_23_4 |          |  |  |  |  |
|       |  |                         | DL Max CC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | DL Max TC TB bits   | N/A   |                   |          |  |  |  |  |
|       |  |                         | DL Max TrCHs  | 4   |                   |          |  |  |  |  |
|       |  |                         | DL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | DL Max TTI TB   | 4   |                   |          |  |  |  |  |
|       |  |                         | DL Max TFS  | 16  |                   |          |  |  |  |  |
|       |  |                         | DL Max TF   | 32  |                   |          |  |  |  |  |
|       |  |                         | DL TC   | N/A   |                   |          |  |  |  |  |
|       |  |                         | UL Max TB bits  | 1280  |                   |          |  |  |  |  |
|       |  |                         |   |   |                   |          |  |  |  |  |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|---|---|-------------------|----------|
|   |  |                         | Parameter   | Value   |                   |          |
|   |  |                         | UL Max CC TB bits   | 1280  |                   |          |
|   |  |                         | UL max TC TB bis  | N/A   |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 8   |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
|   |  |                         | UL TC   | N/A   |                   |          |
|   |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 24.1                                      | Interactive or Background/ UL:64/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( TC)           | 34.108<br>6.11.5.4.1.24 | DL Max TB bits  | 640   | pc_RAB_A_18g_24_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 4   |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 2560  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | 1280  | 2560  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 24.2                                      | Interactive or Background/ UL:64/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( CC)           | 34.108<br>6.11.5.4.1.24 | DL Max TB bits  | 640   | pc_RAB_A_18g_24_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | N/A   |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 4   |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | N/A   |                   |          |
|   |  |                         | UL Max TB bits  | 2560  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | 1280  | 2560  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 25.1                                      | Interactive or Background/ UL:32/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (TC, 10ms TTI) | 34.108<br>6.11.5.4.1.25 | DL Max TB bits  | 2560  | pc_RAB_A_18g_25_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 2560  |                   |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|---|---|-------------------|----------|
|      |  |                         | Parameter   | Value   |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 8   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 640   |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TFS  | 4   |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 25.2 | Interactive or Background/<br>UL:32/DL:64 kbps / PS<br>RAB + UL:3.4 DL:3.4 kbps<br>SRBs for DCCH (TC, 20ms<br>TTI) | 34.108<br>6.11.5.4.1.25 | DL Max TB bits  | 2560  | pc_RAB_A_18g_25_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 8   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 1280  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 1280  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TFS  | 8   |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 25.3 | Interactive or Background/<br>UL:32/DL:64 kbps / PS<br>RAB + UL:3.4 DL:3.4 kbps<br>SRBs for DCCH (CC, 10ms<br>TTI) | 34.108<br>6.11.5.4.1.25 | DL Max TB bits  | 2560  | pc_RAB_A_18g_25_3 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 8   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 640   |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | N/A   |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TFS  | 4   |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |

| Item  | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |  |  |  |  |
|-------|--|-------------------------|---|---|-------------------|----------|--|--|--|--|
|       |  |                         | Parameter   | Value   |                   |          |  |  |  |  |
|       |  |                         | Other required UE radio access capability                     | None  |                   |          |  |  |  |  |
| 25.4  | Interactive or Background/ UL:32/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (CC, 20ms TTI) | 34.108<br>6.11.5.4.1.25 | DL Max TB bits  | 2560  | pc_RAB_A_18g_25_4 |          |  |  |  |  |
|       |  |                         | DL Max CC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | DL Max TC TB bits   | 2560  |                   |          |  |  |  |  |
|       |  |                         | DL Max TrCHs  | 4   |                   |          |  |  |  |  |
|       |  |                         | DL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | DL Max TTI TB   | 8   |                   |          |  |  |  |  |
|       |  |                         | DL Max TFS  | 16  |                   |          |  |  |  |  |
|       |  |                         | DL Max TF   | 32  |                   |          |  |  |  |  |
|       |  |                         | DL TC   | Yes   |                   |          |  |  |  |  |
|       |  |                         | UL Max TB bits  | 1280  |                   |          |  |  |  |  |
|       |  |                         | UL Max CC TB bits   | 1280  |                   |          |  |  |  |  |
|       |  |                         | UL Max TC TB bits   | N/A   |                   |          |  |  |  |  |
|       |  |                         | UL Max TrCHs  | 2   |                   |          |  |  |  |  |
|       |  |                         | UL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | UL Max TFS  | 8   |                   |          |  |  |  |  |
|       |  |                         | UL Max TF   | 32  |                   |          |  |  |  |  |
| UL TC | Yes  |                         |   |   |                   |          |  |  |  |  |
|       |  |                         | Other required UE radio access capability                     | None  |                   |          |  |  |  |  |
| 26    | Interactive or Background/ UL:64/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                | 34.108<br>6.11.5.4.1.26 | DL Max TB bits  | 2560  | pc_RAB_A_18g_26   |          |  |  |  |  |
|       |  |                         | DL Max CC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | DL Max TC TB bits   | 2560  |                   |          |  |  |  |  |
|       |  |                         | DL Max TrCHs  | 4   |                   |          |  |  |  |  |
|       |  |                         | DL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | DL Max TTI TB   | 8   |                   |          |  |  |  |  |
|       |  |                         | DL Max TFS  | 16  |                   |          |  |  |  |  |
|       |  |                         | DL Max TF   | 32  |                   |          |  |  |  |  |
|       |  |                         | DL TC   | Yes   |                   |          |  |  |  |  |
|       |  |                         | UL Max TB bits  | 2560  |                   |          |  |  |  |  |
|       |  |                         | UL Max CC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | UL Max TC TB bits   | 2560  |                   |          |  |  |  |  |
|       |  |                         | UL Max TrCHs  | 2   |                   |          |  |  |  |  |
|       |  |                         | UL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | UL Max TFS  | 16  |                   |          |  |  |  |  |
|       |  |                         | UL Max TF   | 32  |                   |          |  |  |  |  |
| UL TC | Yes  |                         |   |   |                   |          |  |  |  |  |
|       |  |                         | Other required UE radio access capability                     | None  |                   |          |  |  |  |  |
| 27    | Interactive or Background/ UL:64/DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH               | 34.108<br>6.11.5.4.1.27 | DL Max TB bits  | 3840  | pc_RAB_A_18g_27   |          |  |  |  |  |
|       |  |                         | DL Max CC TB bits   | 640   |                   |          |  |  |  |  |
|       |  |                         | DL Max TC TB bits   | 3840  |                   |          |  |  |  |  |
|       |  |                         | DL Max TrCHs  | 4   |                   |          |  |  |  |  |
|       |  |                         | DL Max CCTrCH   | 1   |                   |          |  |  |  |  |
|       |  |                         | DL Max TTI TB   | 16  |                   |          |  |  |  |  |
|       |  |                         | DL Max TFS  | 16  |                   |          |  |  |  |  |
|       |  |                         | DL Max TF   | 32  |                   |          |  |  |  |  |
|       |  |                         | DL TC   | Yes   |                   |          |  |  |  |  |
|       |  |                         | UL Max TB bits  | 2560  |                   |          |  |  |  |  |
|       |  |                         |   |   |                   |          |  |  |  |  |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|---|-------------------------|---|---|-----------------|----------|
|      |   |                         | Parameter   | Value   |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|      |   |                         | UL Max TrCHs  | 2   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TFS  | 16  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 28   | Interactive or Background/ UL:128/DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.28 | DL Max TB bits  | 3840  | pc_RAB_A_18g_28 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 16  |                 |          |
|      |   |                         | DL Max TFS  | 16  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 3840  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 3840  |                 |          |
|      |   |                         | UL Max TrCHs  | 2   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TFS  | 16  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 29   | Interactive or Background/ UL:64/DL:144 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.29 | DL Max TB bits  | 3840  | pc_RAB_A_18g_29 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 16  |                 |          |
|      |   |                         | DL Max TFS  | 16  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 2560  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|      |   |                         | UL Max TrCHs  | 2   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TFS  | 16  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 30   | Interactive or Background/ UL:144/DL:144 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.30 | DL Max TB bits  | 3840  | pc_RAB_A_18g_30 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                 |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                               | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|---|---|-------------------|----------|
|      |   |                         | Parameter   | Value   |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 16  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 3840  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 3840  |                   |          |
|      |   |                         | UL Max TrCHs  | 2   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 16  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 31.1 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI | 34.108<br>6.11.5.4.1.31 | DL Max TB bits  | 3840  | pc_RAB_A_18g_31_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 16  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 2   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 16  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 31.2 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI | 34.108<br>6.11.5.4.1.31 | DL Max TB bits  | 6400  | pc_RAB_A_18g_31_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 6400  |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 32  |                   |          |
|      |   |                         | DL Max TFS  | 16  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 2   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 16  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |

| Item  | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|-------|--|-------------------------|---|---|-------------------|----------|
|       |  |                         | Parameter   | Value   |                   |          |
|       |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 32.1  | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.5.4.1.32 | DL Max TB bits  | 5120  | pc_RAB_A_18g_32_1 |          |
|       |  |                         | DL Max CC TB bits   | 640   |                   |          |
|       |  |                         | DL Max TC TB bits   | 5120  |                   |          |
|       |  |                         | DL Max TrCHs  | 4   |                   |          |
|       |  |                         | DL Max CCTrCH   | 1   |                   |          |
|       |  |                         | DL Max TTI TB   | 16  |                   |          |
|       |  |                         | DL Max TFS  | 16  |                   |          |
|       |  |                         | DL Max TF   | 32  |                   |          |
|       |  |                         | DL TC   | Yes   |                   |          |
|       |  |                         | UL Max TB bits  | 2560  |                   |          |
|       |  |                         | UL Max CC TB bits   | 640   |                   |          |
|       |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|       |  |                         | UL Max TrCHs  | 2   |                   |          |
|       |  |                         | UL Max CCTrCH   | 1   |                   |          |
|       |  |                         | UL Max TFS  | 16  |                   |          |
|       |  |                         | UL Max TF   | 32  |                   |          |
| UL TC | Yes  |                         |   |   |                   |          |
|       |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 32.2  | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.32 | DL Max TB bits  | 8960  | pc_RAB_A_18g_32_2 |          |
|       |  |                         | DL Max CC TB bits   | 640   |                   |          |
|       |  |                         | DL Max TC TB bits   | 8960  |                   |          |
|       |  |                         | DL Max TrCHs  | 4   |                   |          |
|       |  |                         | DL Max CCTrCH   | 1   |                   |          |
|       |  |                         | DL Max TTI TB   | 32  |                   |          |
|       |  |                         | DL Max TFS  | 32  |                   |          |
|       |  |                         | DL Max TF   | 32  |                   |          |
|       |  |                         | DL TC   | Yes   |                   |          |
|       |  |                         | UL Max TB bits  | 2560  |                   |          |
|       |  |                         | UL Max CC TB bits   | 640   |                   |          |
|       |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|       |  |                         | UL Max TrCHs  | 2   |                   |          |
|       |  |                         | UL Max CCTrCH   | 1   |                   |          |
|       |  |                         | UL Max TFS  | 16  |                   |          |
|       |  |                         | UL Max TF   | 32  |                   |          |
| UL TC | Yes  |                         |   |   |                   |          |
|       |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 33.1  | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.5.4.1.33 | DL Max TB bits  | 5120  | pc_RAB_A_18g_33_1 |          |
|       |  |                         | DL Max CC TB bits   | 640   |                   |          |
|       |  |                         | DL Max TC TB bits   | 5120  |                   |          |
|       |  |                         | DL Max TrCHs  | 4   |                   |          |
|       |  |                         | DL Max CCTrCH   | 1   |                   |          |
|       |  |                         | DL Max TTI TB   | 16  |                   |          |
|       |  |                         | DL Max TFS  | 16  |                   |          |
|       |  |                         | DL Max TF   | 32  |                   |          |



| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|---|---|-------------------|----------|
|      |  |                         | Parameter   | Value   |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 3840  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 3840  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 33.2 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.33 | DL Max TB bits  | 8960  | pc_RAB_A_18g_33_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 8960  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 32  |                   |          |
|      |  |                         | DL Max TFS  | 32  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 3840  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 3840  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 34.1 | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.5.4.1.34 | DL Max TB bits  | 5120  | pc_RAB_A_18g_34_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 5120  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 16  |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 5120  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 5120  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                                | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|---|---|-------------------|----------|
|   |  |                         | Parameter   | Value   |                   |          |
| 34.2                                      | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.34 | DL Max TB bits  | 8960  | pc_RAB_A_18g_34_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 8960  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 32  |                   |          |
|   |  |                         | DL Max TFS  | 32  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 8960  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 8960  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 32  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 35.1                                      | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.5.4.1.35 | DL Max TB bits  | 40960   | pc_RAB_A_18g_35_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 40960   |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 64  |                   |          |
|   |  |                         | DL Max TFS  | 32  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 2560  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 35.2                                      | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.35 | DL Max TB bits  | 81920   | pc_RAB_A_18g_35_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 81920   |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 96  |                   |          |
|   |  |                         | DL Max TFS  | 64  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 2560  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                                 | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|---|---|-------------------|----------|
|   |   |                         | Parameter   | Value   |                   |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | UL Max TrCHs  | 2   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TFS  | 16  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
|   |   |                         | UL TC   | Yes   |                   |          |
|   |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 36.1                                      | Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.5.4.1.36 | DL Max TB bits  | 40960   | pc_RAB_A_18g_36_1 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 40960   |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 64  |                   |          |
|   |   |                         | DL Max TFS  | 32  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 3840  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 3840  |                   |          |
|   |   |                         | UL Max TrCHs  | 2   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TFS  | 16  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 36.2                                      | Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.36 | DL Max TB bits  | 81920   | pc_RAB_A_18g_36_2 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 81920   |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 96  |                   |          |
|   |   |                         | DL Max TFS  | 64  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 3840  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 3840  |                   |          |
|   |   |                         | UL Max TrCHs  | 2   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TFS  | 16  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 37.1                                      | Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.5.4.1.37 | DL Max TB bits  | 40960   | pc_RAB_A_18g_37_1 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|---|---|-------------------|----------|
|      |  |                         | Parameter   | Value   |                   |          |
|      |  |                         | DL Max TC TB bits   | 40960   |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 64  |                   |          |
|      |  |                         | DL Max TFS  | 32  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 5120  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 5120  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 37.2 | Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI  | 34.108<br>6.11.5.4.1.37 | DL Max TB bits  | 81920   | pc_RAB_A_18g_37_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 81920   |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 96  |                   |          |
|      |  |                         | DL Max TFS  | 64  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 8960  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 8960  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TFS  | 32  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 38.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI | 34.108<br>6.11.5.4.1.38 | DL Max TB bits  | 1280  | pc_RAB_A_18g_38_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TrCHs  | 8   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 8   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 1280  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 1280  |                   |          |
|      |  |                         | UL Max TrCHs  | 8   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|---|---|-------------------|----------|
|   |  |                         | Parameter   | Value   |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
|   |  |                         | UL TC   | Yes   |                   |          |
|   |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 38.2                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI | 34.108<br>6.11.5.4.1.38 | DL Max TB bits  | 1280  | pc_RAB_A_18g_38_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TrCHs  | 8   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 8   |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 1280  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TrCHs  | 8   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 32  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
|   |  |                         | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 38.3                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI | 34.108<br>6.11.5.4.1.38 | DL Max TB bits  | 1280  | pc_RAB_A_18g_38_3 |          |
|   |  |                         | DL Max CC TB bits   | 1280  |                   |          |
|   |  |                         | DL Max TC TB bits   | N/A   |                   |          |
|   |  |                         | DL Max TrCHs  | 8   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 8   |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | N/A   |                   |          |
|   |  |                         | UL Max TB bits  | 1280  |                   |          |
|   |  |                         | UL Max CC TB bits   | 1280  |                   |          |
|   |  |                         | UL Max TC TB bits   | N/A   |                   |          |
|   |  |                         | UL Max TrCHs  | 8   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
|   |  |                         | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|---|---|-------------------|----------|
|   |  |                         | Parameter   | Value   |                   |          |
| 38.4                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI   | 34.108<br>6.11.5.4.1.38 | DL Max TB bits  | 1280  | pc_RAB_A_18g_38_4 |          |
|   |  |                         | DL Max CC TB bits   | 1280  |                   |          |
|   |  |                         | DL Max TC TB bits   | N/A   |                   |          |
|   |  |                         | DL Max TrCHs  | 8   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 8   |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 1280  |                   |          |
|   |  |                         | UL Max CC TB bits   | 1280  |                   |          |
|   |  |                         | UL Max TC TB bits   | N/A   |                   |          |
|   |  |                         | UL Max TrCHs  | 8   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 32  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 39.1                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI) | 34.108<br>6.11.5.4.1.39 | DL Max TB bits  | 2560  | pc_RAB_A_18g_39_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 2560  |                   |          |
|   |  |                         | DL Max TrCHs  | 8   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 8   |                   |          |
|   |  |                         | DL Max TFS  | 32  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 1280  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TrCHs  | 8   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 32  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 39.2                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI) | 34.108<br>6.11.5.4.1.39 | DL Max TB bits  | 2560  | pc_RAB_A_18g_39_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 2560  |                   |          |
|   |  |                         | DL Max TrCHs  | 8   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|---|---|-------------------|----------|
|      |   |                         | Parameter   | Value   |                   |          |
|      |   |                         | DL Max TTI TB   | 8   |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 1280  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 39.3 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI) | 34.108<br>6.11.5.4.1.39 | DL Max TB bits  | 2560  | pc_RAB_A_18g_39_3 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | DL Max TrCHs  | 8   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 8   |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 1280  |                   |          |
|      |   |                         | UL Max CC TB bits   | 1280  |                   |          |
|      |   |                         | UL Max TC TB bits   | N/A   |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 39.4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI) | 34.108<br>6.11.5.4.1.39 | DL Max TB bits  | 2560  | pc_RAB_A_18g_39_4 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | DL Max TrCHs  | 8   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 8   |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 1280  |                   |          |
|      |   |                         | UL Max CC TB bits   | 1280  |                   |          |
|      |   |                         | UL Max TC TB bits   | N/A   |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 16  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |

| Item              | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)   | Mnemonic        | Comments |
|-------------------|---|-------------------------|---|---|-----------------|----------|
|                   |   |                         | Parameter   | Value   |                 |          |
|                   |   |                         | UL TC   | Yes   |                 |          |
|                   |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 40                | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH               | 34.108<br>6.11.5.4.1.40 | DL Max TB bits  | 2560  | pc_RAB_A_18g_40 |          |
|                   |   |                         | DL Max CC TB bits   | 640   |                 |          |
|                   |   |                         | DL Max TC TB bits   | 2560  |                 |          |
|                   |   |                         | DL Max TrCHs  | 8   |                 |          |
|                   |   |                         | DL Max CCTrCH   | 1   |                 |          |
|                   |   |                         | DL Max TTI TB   | 8   |                 |          |
|                   |   |                         | DL Max TFS  | 32  |                 |          |
|                   |   |                         | DL Max TF   | 32  |                 |          |
|                   |   |                         | DL TC   | Yes   |                 |          |
|                   |   |                         | UL Max TB bits  | 2560  |                 |          |
|                   |   |                         | UL Max CC TB bits   | 640   |                 |          |
|                   |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|                   |   |                         | UL Max TrCHs  | 8   |                 |          |
|                   |   |                         | UL Max CCTrCH   | 1   |                 |          |
|                   |   |                         | UL Max TFS  | 32  |                 |          |
|                   |   |                         | UL Max TF   | 32  |                 |          |
|                   |   |                         | 41  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH |                 |          |
| DL Max CC TB bits | 640   |                         |   |   |                 |          |
| DL Max TC TB bits | 3840  |                         |   |   |                 |          |
| DL Max TrCHs      | 8   |                         |   |   |                 |          |
| DL Max CCTrCH     | 1   |                         |   |   |                 |          |
| DL Max TTI TB     | 16  |                         |   |   |                 |          |
| DL Max TFS        | 32  |                         |   |   |                 |          |
| DL Max TF         | 32  |                         |   |   |                 |          |
| DL TC             | Yes   |                         |   |   |                 |          |
| UL Max TB bits    | 2560  |                         |   |   |                 |          |
| UL Max CC TB bits | 640   |                         |   |   |                 |          |
| UL Max TC TB bits | 2560  |                         |   |   |                 |          |
| UL Max TrCHs      | 8   |                         |   |   |                 |          |
| UL Max CCTrCH     | 1   |                         |   |   |                 |          |
| UL Max TFS        | 32  |                         |   |   |                 |          |
| UL Max TF         | 32  |                         |   |   |                 |          |
| 42.1              | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.5.4.1.42 |   |   | DL Max TB bits  | 3840     |
|                   |   |                         | DL Max CC TB bits   | 640   |                 |          |



| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|---|---|-------------------|----------|
|      |   |                         | Parameter   | Value   |                   |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                   |          |
|      |   |                         | DL Max TrCHs  | 8   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 42.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.42 | DL Max TB bits  | 6400  | pc_RAB_A_18g_42_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 6400  |                   |          |
|      |   |                         | DL Max TrCHs  | 8   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 32  |                   |          |
|      |   |                         | DL Max TFS  | 64  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 43.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.5.4.1.43 | DL Max TB bits  | 5120  | pc_RAB_A_18g_43_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 4120  |                   |          |
|      |   |                         | DL Max TrCHs  | 8   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 64  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)   | Mnemonic          | Comments |
|---|---|-------------------------|---|---|-------------------|----------|
|   |   |                         | Parameter   | Value   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TFS  | 32  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
|   |   |                         | UL TC   | Yes   |                   |          |
|   |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 43.2                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.43 | DL Max TB bits  | 8960  | pc_RAB_A_18g_43_2 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 8960  |                   |          |
|   |   |                         | DL Max TrCHs  | 8   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 32  |                   |          |
|   |   |                         | DL Max TFS  | 64  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 2560  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | UL Max TrCHs  | 8   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TFS  | 32  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
|   |   |                         | UL TC   | Yes   |                   |          |
|   |   |                         | Other required UE radio access capability                     | None  |                   |          |
|   |   |                         | 44.1  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI |                   |          |
| DL Max CC TB bits                         | 640   |                         |   |   |                   |          |
| DL Max TC TB bits                         | 40960   |                         |   |   |                   |          |
| DL Max TrCHs                              | 8   |                         |   |   |                   |          |
| DL Max CCTrCH                             | 1   |                         |   |   |                   |          |
| DL Max TTI TB                             | 64  |                         |   |   |                   |          |
| DL Max TFS                                | 96  |                         |   |   |                   |          |
| DL Max TF                                 | 32  |                         |   |   |                   |          |
| DL TC                                     | Yes   |                         |   |   |                   |          |
| UL Max TB bits                            | 3840  |                         |   |   |                   |          |
| UL Max CC TB bits                         | 640   |                         |   |   |                   |          |
| UL Max TC TB bits                         | 3840  |                         |   |   |                   |          |
| UL Max TrCHs                              | 8   |                         |   |   |                   |          |
| UL Max CCTrCH                             | 1   |                         |   |   |                   |          |
| UL Max TFS                                | 32  |                         |   |   |                   |          |
| UL Max TF                                 | 32  |                         |   |   |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|---|---|-------------------|----------|
|   |   |                         | Parameter   | Value   |                   |          |
| 44.2                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.44 | DL Max TB bits  | 81920   | pc_RAB_A_18g_44_2 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 81920   |                   |          |
|   |   |                         | DL Max TrCHs  | 8   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 96  |                   |          |
|   |   |                         | DL Max TFS  | 128   |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 3840  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 3840  |                   |          |
|   |   |                         | UL Max TrCHs  | 8   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TFS  | 32  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 45  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | 34.108<br>6.11.5.4.1.45 | DL Max TB bits  | 3840  | pc_RAB_A_18g_45   |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | DL Max TrCHs  | 8   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 8   |                   |          |
|   |   |                         | DL Max TFS  | 32  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 3840  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | UL Max TrCHs  | 8   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TFS  | 32  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | Multicall (2xCS)  |                         |   |   |                   |          |
| 46  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note 1     | 34.108<br>6.11.5.4.1.46 | DL Max TB bits  | 3840  | pc_RAB_A_18g_46   |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | DL Max TrCHs  | 8   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|---|---|-------------------|----------|
|      |   |                         | Parameter   | Value   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 1280  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | Multicall (2xCS)  |                   |          |
| 47   | Void  |                         |   |   |                   |          |
| 48   | Void  |                         |   |   |                   |          |
| 49.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.49 | DL Max TB bits  | 2560  | pc_RAB_A_18g_49_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 1280  |                   |          |
|      |   |                         | DL Max TrCHs  | 8   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 8   |                   |          |
|      |   |                         | DL Max TFS  | 16  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 16  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | Multicall (2xCS)  |                   |          |
| 49.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.11.5.4.1.49 | DL Max TB bits  | 3840  | pc_RAB_A_18g_49_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | DL Max TrCHs  | 8   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 8   |                   |          |
|      |   |                         | DL Max TFS  | 16  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 3840  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|---|---|-------------------|----------|
|   |  |                         | Parameter   | Value   |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
|   |  |                         | UL TC   | Yes   |                   |          |
|   |  |                         | Other required UE radio access capability                     | Multicall (2xCS)  |                   |          |
| 50.1                                      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.5.4.1.50 | DL Max TB bits  | 3840  | pc_RAB_A_18g_50_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 2560  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 8   |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 3840  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |  |                         | UL Max TrCHs  | 4   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 8   |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
|   |  |                         | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | Multicall (2xCS)   |                         |   |   |                   |          |
| 50.2                                      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.11.5.4.1.50 | DL Max TB bits  | 6400  | pc_RAB_A_18g_50_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 2560  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 16  |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 6400  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 5120  |                   |          |
|   |  |                         | UL Max TrCHs  | 4   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 8   |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
|   |  |                         | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | Multicall (2xCS)   |                         |   |   |                   |          |

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|---|---|-------------------|----------|
|   |  |                         | Parameter   | Value   |                   |          |
| 51.1                                      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.51 | DL Max TB bits  | 3840  | pc_RAB_A_18g_51_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 3840  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 8   |                   |          |
|   |  |                         | DL Max TFS  | 32  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 3840  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 3840  |                   |          |
|   |  |                         | UL Max TrCHs  | 4   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 32  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 51.2                                      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.51 | DL Max TB bits  | 5120  | pc_RAB_A_18g_51_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 5120  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 16  |                   |          |
|   |  |                         | DL Max TFS  | 32  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 5120  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 5120  |                   |          |
|   |  |                         | UL Max TrCHs  | 4   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TFS  | 32  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 52.1                                      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.52 | DL Max TB bits  | 5120  | pc_RAB_A_18g_52_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 5120  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|---|---|-------------------|----------|
|      |   |                         | Parameter   | Value   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 3840  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 3840  |                   |          |
|      |   |                         | UL Max TrCHs  | 4   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 52.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.52 | DL Max TB bits  | 6400  | pc_RAB_A_18g_52_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 6400  |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 5120  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 5120  |                   |          |
|      |   |                         | UL Max TrCHs  | 4   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 53.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.53 | DL Max TB bits  | 5120  | pc_RAB_A_18g_53_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 5120  |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 5120  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 5120  |                   |          |
|      |   |                         | UL Max TrCHs  | 4   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL Max TB bits  | 5120  |                   |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|--------------------------|---|---|-------------------|----------|
|      |   |                          | Parameter   | Value   |                   |          |
|      |   |                          | UL TC   | Yes   |                   |          |
|      |   |                          | Other required UE radio access capability                     | None  |                   |          |
| 53.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.53  | DL Max TB bits  | 6400  | pc_RAB_A_18g_53_2 |          |
|      |   |                          | DL Max CC TB bits   | 640   |                   |          |
|      |   |                          | DL Max TC TB bits   | 6400  |                   |          |
|      |   |                          | DL Max TrCHs  | 4   |                   |          |
|      |   |                          | DL Max CCTrCH   | 1   |                   |          |
|      |   |                          | DL Max TTI TB   | 16  |                   |          |
|      |   |                          | DL Max TFS  | 32  |                   |          |
|      |   |                          | DL Max TF   | 32  |                   |          |
|      |   |                          | DL TC   | Yes   |                   |          |
|      |   |                          | UL Max TB bits  | 6400  |                   |          |
|      |   |                          | UL Max CC TB bits   | 640   |                   |          |
|      |   |                          | UL Max TC TB bits   | 6400  |                   |          |
|      |   |                          | UL Max TrCHs  | 4   |                   |          |
|      |   |                          | UL Max CCTrCH   | 1   |                   |          |
|      |   |                          | UL Max TFS  | 32  |                   |          |
|      |   |                          | UL Max TF   | 32  |                   |          |
|      |   |                          | UL TC   | Yes   |                   |          |
|      |   |                          | Other required UE radio access capability                     | None  |                   |          |
| 54   | Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note    | 34.108<br>6.11.5.4.1.54  | DL Max TB bits  | 5120  | pc_RAB_A_18g_54   |          |
|      |   |                          | DL Max CC TB bits   | 640   |                   |          |
|      |   |                          | DL Max TC TB bits   | 5120  |                   |          |
|      |   |                          | DL Max TrCHs  | 4   |                   |          |
|      |   |                          | DL Max CCTrCH   | 1   |                   |          |
|      |   |                          | DL Max TTI TB   | 16  |                   |          |
|      |   |                          | DL Max TFS  | 64  |                   |          |
|      |   |                          | DL Max TF   | 32  |                   |          |
|      |   |                          | DL TC   | Yes   |                   |          |
|      |   |                          | UL Max TB bits  | 2560  |                   |          |
|      |   |                          | UL Max CC TB bits   | 640   |                   |          |
|      |   |                          | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                          | UL Max TrCHs  | 4   |                   |          |
|      |   |                          | UL Max CCTrCH   | 1   |                   |          |
|      |   |                          | UL Max TFS  | 32  |                   |          |
|      |   |                          | UL Max TF   | 32  |                   |          |
|      |   |                          | UL TC   | Yes   |                   |          |
|      |   |                          | Other required UE radio access capability                     | None  |                   |          |
| 55   | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.23a | DL Max TB bits  | 640   | pc_RAB_A_18g_55   |          |
|      |   |                          | DL Max CC TB bits   | 640   |                   |          |
|      | See note  |                          | DL Max TC TB bits   | 640   |                   |          |
|      |   |                          | DL Max TrCHs  | 4   |                   |          |



| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH                  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|--------------------------|---|---|-----------------|----------|
|      |  |                          | Parameter   | Value   |                 |          |
|      |  |                          | DL Max CCTrCH   | 1   |                 |          |
|      |  |                          | DL Max TTI TB   | 4   |                 |          |
|      |  |                          | DL Max TFS  | 16  |                 |          |
|      |  |                          | DL Max TF   | 32  |                 |          |
|      |  |                          | DL TC   | Yes   |                 |          |
|      |  |                          | UL Max TB bits  | 640   |                 |          |
|      |  |                          | UL Max CC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TrCHs  | 2   |                 |          |
|      |  |                          | UL Max CCTrCH   | 1   |                 |          |
|      |  |                          | UL Max TFS  | 4   |                 |          |
|      |  |                          | UL Max TF   | 32  |                 |          |
|      |  |                          | UL TC   | Yes   |                 |          |
|      |  |                          | Other required UE radio access capability                     | None  |                 |          |
| 56   | Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.23b | DL Max TB bits  | 640   | pc_RAB_A_18g_56 |          |
|      |  |                          | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                          | DL Max TC TB bits   | 640   |                 |          |
|      |  |                          | DL Max TrCHs  | 4   |                 |          |
|      |  |                          | DL Max CCTrCH   | 1   |                 |          |
|      |  |                          | DL Max TTI TB   | 4   |                 |          |
|      |  |                          | DL Max TFS  | 16  |                 |          |
|      |  |                          | DL Max TF   | 32  |                 |          |
|      |  |                          | DL TC   | Yes   |                 |          |
|      |  |                          | UL Max TB bits  | 640   |                 |          |
|      |  |                          | UL Max CC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TrCHs  | 2   |                 |          |
|      |  |                          | UL Max CCTrCH   | 1   |                 |          |
|      |  |                          | UL Max TFS  | 4   |                 |          |
|      |  |                          | UL Max TF   | 32  |                 |          |
|      |  |                          | UL TC   | Yes   |                 |          |
|      |  |                          | Other required UE radio access capability                     | None  |                 |          |
| 57   | Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.23c | DL Max TB bits  | 1280  | pc_RAB_A_18g_57 |          |
|      |  |                          | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                          | DL Max TC TB bits   | 1280  |                 |          |
|      |  |                          | DL Max TrCHs  | 4   |                 |          |
|      |  |                          | DL Max CCTrCH   | 1   |                 |          |
|      |  |                          | DL Max TTI TB   | 8   |                 |          |
|      |  |                          | DL Max TFS  | 16  |                 |          |
|      |  |                          | DL Max TF   | 32  |                 |          |
|      |  |                          | DL TC   | Yes   |                 |          |
|      |  |                          | UL Max TB bits  | 1280  |                 |          |
|      |  |                          | UL Max CC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TC TB bits   | 1280  |                 |          |
|      |  |                          | UL Max TrCHs  | 2   |                 |          |
|      |  |                          | UL Max CCTrCH   | 1   |                 |          |
|      |  |                          | UL Max TFS  | 8   |                 |          |
|      |  |                          | UL Max TF   | 32  |                 |          |
|      |  |                          | UL TC   | Yes   |                 |          |
|      |  |                          | Other required UE radio access capability                     | None  |                 |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|-------------------------|---|---|-----------------|----------|
|      |  |                         | Parameter   | Value   |                 |          |
| 58   | Interactive or background / UL:256 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.62 | DL Max TB bits  | 2560  | pc_RAB_A_18g_58 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | DL Max TrCHs  | 4   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 8   |                 |          |
|      |  |                         | DL Max TFS  | 16  |                 |          |
|      |  |                         | DL Max TF   | 32  |                 |          |
|      |  |                         | DL TC   | Yes   |                 |          |
|      |  |                         | UL Max TB bits  | 5120  |                 |          |
|      |  |                         | UL Max CC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TC TB bits   | 5120  |                 |          |
|      |  |                         | UL Max TrCHs  | 4   |                 |          |
|      |  |                         | UL Max CCTrCH   | 1   |                 |          |
|      |  |                         | UL Max TFS  | 16  |                 |          |
|      |  |                         | UL Max TF   | 32  |                 |          |
|      |  |                         | UL TC   | Yes   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |
| 59   | Streaming / unknown / UL:16 DL:32 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.63 | DL Max TB bits  | 1280  | pc_RAB_A_18g_59 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                         | DL Max TC TB bits   | 1280  |                 |          |
|      |  |                         | DL Max TrCHs  | 4   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 8   |                 |          |
|      |  |                         | DL Max TFS  | 16  |                 |          |
|      |  |                         | DL Max TF   | 32  |                 |          |
|      |  |                         | DL TC   | Yes   |                 |          |
|      |  |                         | UL Max TB bits  | 640   |                 |          |
|      |  |                         | UL Max CC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TrCHs  | 4   |                 |          |
|      |  |                         | UL Max CCTrCH   | 1   |                 |          |
|      |  |                         | UL Max TFS  | 8   |                 |          |
|      |  |                         | UL Max TF   | 32  |                 |          |
|      |  |                         | UL TC   | Yes   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |
| 60   | Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.58 | DL Max TB bits  | 2560  | pc_RAB_A_18g_60 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | DL Max TrCHs  | 4   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 8   |                 |          |
|      |  |                         | DL Max TFS  | 16  |                 |          |
|      |  |                         | DL Max TF   | 32  |                 |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|---|-------------------------|---|---|-----------------|----------|
|      |   |                         | Parameter   | Value   |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 640   |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TFS  | 16  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 61   | Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.64 | DL Max TB bits  | 5120  | pc_RAB_A_18g_61 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      | See note  |                         | DL Max TC TB bits   | 5120  |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 16  |                 |          |
|      |   |                         | DL Max TFS  | 64  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 1280  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                 |          |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TFS  | 8   |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 62   | Streaming / unknown / UL:32 DL:256 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.65 | DL Max TB bits  | 5120  | pc_RAB_A_18g_62 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      | See note  |                         | DL Max TC TB bits   | 5120  |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 16  |                 |          |
|      |   |                         | DL Max TFS  | 64  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 2560  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TFS  | 16  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|---|--------------------------|---|---|-----------------|----------|
|      |   |                          | Parameter   | Value   |                 |          |
|      |   |                          | Other required UE radio access capability                     | None  |                 |          |
| 63   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.11.5.4.1.38a | DL Max TB bits  | 640   | pc_RAB_A_18g_63 |          |
|      |   |                          | DL Max CC TB bits   | 640   |                 |          |
|      | See note  |                          | DL Max TC TB bits   | N/A   |                 |          |
|      |   |                          | DL Max TrCHs  | 4   |                 |          |
|      |   |                          | DL Max CCTrCH   | 1   |                 |          |
|      |   |                          | DL Max TTI TB   | 4   |                 |          |
|      |   |                          | DL Max TFS  | 16  |                 |          |
|      |   |                          | DL Max TF   | 32  |                 |          |
|      |   |                          | DL TC   | N/A   |                 |          |
|      |   |                          | UL Max TB bits  | 640   |                 |          |
|      |   |                          | UL Max CC TB bits   | 640   |                 |          |
|      |   |                          | UL Max TC TB bits   | N/A   |                 |          |
|      |   |                          | UL Max TrCHs  | 4   |                 |          |
|      |   |                          | UL Max CCTrCH   | 1   |                 |          |
|      |   |                          | UL Max TFS  | 8   |                 |          |
|      |   |                          | UL Max TF   | 32  |                 |          |
|      |   |                          | UL TC   | N/A   |                 |          |
|      |   |                          | Other required UE radio access capability                     | None  |                 |          |
| 64   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.11.5.4.1.38b | DL Max TB bits  | 1280  | pc_RAB_A_18g_64 |          |
|      |   |                          | DL Max CC TB bits   | 640   |                 |          |
|      | See note  |                          | DL Max TC TB bits   | 640   |                 |          |
|      |   |                          | DL Max TrCHs  | 8   |                 |          |
|      |   |                          | DL Max CCTrCH   | 1   |                 |          |
|      |   |                          | DL Max TTI TB   | 8   |                 |          |
|      |   |                          | DL Max TFS  | 16  |                 |          |
|      |   |                          | DL Max TF   | 32  |                 |          |
|      |   |                          | DL TC   | Yes   |                 |          |
|      |   |                          | UL Max TB bits  | 1280  |                 |          |
|      |   |                          | UL Max CC TB bits   | 640   |                 |          |
|      |   |                          | UL Max TC TB bits   | 640   |                 |          |
|      |   |                          | UL Max TrCHs  | 8   |                 |          |
|      |   |                          | UL Max CCTrCH   | 1   |                 |          |
|      |   |                          | UL Max TFS  | 16  |                 |          |
|      |   |                          | UL Max TF   | 32  |                 |          |
|      |   |                          | UL TC   | Yes   |                 |          |
|      |   |                          | Other required UE radio access capability                     | None  |                 |          |
| 65   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.38c | DL Max TB bits  | 1280  | pc_RAB_A_18g_65 |          |
|      |   |                          | DL Max CC TB bits   | 640   |                 |          |
|      | See note  |                          | DL Max TC TB bits   | 1280  |                 |          |
|      |   |                          | DL Max TrCHs  | 8   |                 |          |
|      |   |                          | DL Max CCTrCH   | 1   |                 |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|--------------------------|---|---|-----------------|----------|
|      |  |                          | Parameter   | Value   |                 |          |
|      |  |                          | DL Max TTI TB   | 8   |                 |          |
|      |  |                          | DL Max TFS  | 16  |                 |          |
|      |  |                          | DL Max TF   | 32  |                 |          |
|      |  |                          | DL TC   | Yes   |                 |          |
|      |  |                          | UL Max TB bits  | 1280  |                 |          |
|      |  |                          | UL Max CC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TC TB bits   | 1280  |                 |          |
|      |  |                          | UL Max TrCHs  | 8   |                 |          |
|      |  |                          | UL Max CCTrCH   | 1   |                 |          |
|      |  |                          | UL Max TFS  | 16  |                 |          |
|      |  |                          | UL Max TF   | 32  |                 |          |
|      |  |                          | UL TC   | Yes   |                 |          |
|      |  |                          | Other required UE radio access capability                     | None  |                 |          |
| 66   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:128 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH   | 34.108<br>6.11.5.4.1.66  | DL Max TB bits  | 3840  | pc_RAB_A_18g_66 |          |
|      |  |                          | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                          | DL Max TC TB bits   | 3840  |                 |          |
|      |  |                          | DL Max TrCHs  | 8   |                 |          |
|      |  |                          | DL Max CCTrCH   | 1   |                 |          |
|      |  |                          | DL Max TTI TB   | 16  |                 |          |
|      |  |                          | DL Max TFS  | 32  |                 |          |
|      |  |                          | DL Max TF   | 32  |                 |          |
|      |  |                          | DL TC   | Yes   |                 |          |
|      |  |                          | UL Max TB bits  | 3840  |                 |          |
|      |  |                          | UL Max CC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TC TB bits   | 3804  |                 |          |
|      |  |                          | UL Max TrCHs  | 8   |                 |          |
|      |  |                          | UL Max CCTrCH   | 1   |                 |          |
|      |  |                          | UL Max TFS  | 32  |                 |          |
|      |  |                          | UL Max TF   | 32  |                 |          |
|      |  |                          | UL TC   | Yes   |                 |          |
|      |  |                          | Other required UE radio access capability                     | None  |                 |          |
| 67   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.38d | DL Max TB bits  | 2560  | pc_RAB_A_18g_67 |          |
|      |  |                          | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                          | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                          | DL Max TrCHs  | 8   |                 |          |
|      |  |                          | DL Max CCTrCH   | 1   |                 |          |
|      |  |                          | DL Max TTI TB   | 16  |                 |          |
|      |  |                          | DL Max TFS  | 32  |                 |          |
|      |  |                          | DL Max TF   | 32  |                 |          |
|      |  |                          | DL TC   | Yes   |                 |          |
|      |  |                          | UL Max TB bits  | 2560  |                 |          |
|      |  |                          | UL Max CC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TC TB bits   | 2560  |                 |          |
|      |  |                          | UL Max TrCHs  | 8   |                 |          |
|      |  |                          | UL Max CCTrCH   | 1   |                 |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|--------------------------|---|---|-----------------|----------|
|      |  |                          | Parameter   | Value   |                 |          |
|      |  |                          | UL Max TFS  | 32  |                 |          |
|      |  |                          | UL Max TF   | 32  |                 |          |
|      |  |                          | UL TC   | Yes   |                 |          |
|      |  |                          | Other required UE radio access capability                     | None  |                 |          |
| 68   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.51a | DL Max TB bits  | 2560  | pc_RAB_A_18g_68 |          |
|      |  |                          | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                          | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                          | DL Max TrCHs  | 8   |                 |          |
|      |  |                          | DL Max CCTrCH   | 1   |                 |          |
|      |  |                          | DL Max TTI TB   | 16  |                 |          |
|      |  |                          | DL Max TFS  | 32  |                 |          |
|      |  |                          | DL Max TF   | 32  |                 |          |
|      |  |                          | DL TC   | Yes   |                 |          |
|      |  |                          | UL Max TB bits  | 2560  |                 |          |
|      |  |                          | UL Max CC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TC TB bits   | 2560  |                 |          |
|      |  |                          | UL Max TrCHs  | 8   |                 |          |
|      |  |                          | UL Max CCTrCH   | 1   |                 |          |
|      |  |                          | UL Max TFS  | 32  |                 |          |
|      |  |                          | UL Max TF   | 32  |                 |          |
|      |  |                          | UL TC   | Yes   |                 |          |
|      |  |                          | Other required UE radio access capability                     | None  |                 |          |
| 69   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.67  | DL Max TB bits  | 2560  | pc_RAB_A_18g_69 |          |
|      |  |                          | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                          | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                          | DL Max TrCHs  | 4   |                 |          |
|      |  |                          | DL Max CCTrCH   | 1   |                 |          |
|      |  |                          | DL Max TTI TB   | 16  |                 |          |
|      |  |                          | DL Max TFS  | 64  |                 |          |
|      |  |                          | DL Max TF   | 32  |                 |          |
|      |  |                          | DL TC   | Yes   |                 |          |
|      |  |                          | UL Max TB bits  | 1280  |                 |          |
|      |  |                          | UL Max CC TB bits   | 640   |                 |          |
|      |  |                          | UL Max TC TB bits   | 1280  |                 |          |
|      |  |                          | UL Max TrCHs  | 4   |                 |          |
|      |  |                          | UL Max CCTrCH   | 1   |                 |          |
|      |  |                          | UL Max TFS  | 32  |                 |          |
|      |  |                          | UL Max TF   | 32  |                 |          |
|      |  |                          | UL TC   | Yes   |                 |          |
|      |  |                          | Other required UE radio access capability                     | None  |                 |          |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |      |
|------|---|-------------------------|---|---|-----------------|----------|------|
|      |   |                         | Parameter   | Value   |                 |          |      |
| 70   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.68 | DL Max TB bits  | 5120  | pc_RAB_A_18g_70 |          |      |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |      |
|      |   |                         | See note  | DL Max TC TB bits   |                 |          | 5120 |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |      |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |      |
|      |   |                         | DL Max TTI TB   | 16  |                 |          |      |
|      |   |                         | DL Max TFS  | 64  |                 |          |      |
|      |   |                         | DL Max TF   | 32  |                 |          |      |
|      |   |                         | DL TC   | Yes   |                 |          |      |
|      |   |                         | UL Max TB bits  | 1280  |                 |          |      |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |      |
|      |   |                         | UL Max TC TB bits   | 1280  |                 |          |      |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |      |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |      |
|      |   |                         | UL Max TFS  | 32  |                 |          |      |
|      |   |                         | UL Max TF   | 32  |                 |          |      |
|      |   |                         | UL TC   | Yes   |                 |          |      |
|      | Other required UE radio access capability   | None                    |   |   |                 |          |      |
| 71   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.69 | DL Max TB bits  | 2560  | pc_RAB_A_18g_71 |          |      |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |      |
|      |   |                         | See note  | DL Max TC TB bits   |                 |          | 2560 |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |      |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |      |
|      |   |                         | DL Max TTI TB   | 16  |                 |          |      |
|      |   |                         | DL Max TFS  | 32  |                 |          |      |
|      |   |                         | DL Max TF   | 32  |                 |          |      |
|      |   |                         | DL TC   | Yes   |                 |          |      |
|      |   |                         | UL Max TB bits  | 5120  |                 |          |      |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |      |
|      |   |                         | UL Max TC TB bits   | 5120  |                 |          |      |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |      |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |      |
|      |   |                         | UL Max TFS  | 32  |                 |          |      |
|      |   |                         | UL Max TF   | 32  |                 |          |      |
|      |   |                         | UL TC   | Yes   |                 |          |      |
|      | Other required UE radio access capability   | None                    |   |   |                 |          |      |
| 72   | Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.1.57 | DL Max TB bits  | 2560  | pc_RAB_A_18g_72 |          |      |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |      |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|-------------------------|---|---|-----------------|----------|
|      |  |                         | Parameter   | Value   |                 |          |
|      | See note   |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | DL Max TrCHs  | 4   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 16  |                 |          |
|      |  |                         | DL Max TFS  | 32  |                 |          |
|      |  |                         | DL Max TF   | 32  |                 |          |
|      |  |                         | DL TC   | Yes   |                 |          |
|      |  |                         | UL Max TB bits  | 2560  |                 |          |
|      |  |                         | UL Max CC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | UL Max TrCHs  | 4   |                 |          |
|      |  |                         | UL Max CCTrCH   | 1   |                 |          |
|      |  |                         | UL Max TFS  | 32  |                 |          |
|      |  |                         | UL Max TF   | 32  |                 |          |
|      |  |                         | UL TC   | Yes   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |
| 73   | Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.1.70 | DL Max TB bits  | 2560  | pc_RAB_A_18g_73 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                 |          |
|      | See note   |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | DL Max TrCHs  | 4   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 16  |                 |          |
|      |  |                         | DL Max TFS  | 32  |                 |          |
|      |  |                         | DL Max TF   | 32  |                 |          |
|      |  |                         | DL TC   | Yes   |                 |          |
|      |  |                         | UL Max TB bits  | 2560  |                 |          |
|      |  |                         | UL Max CC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | UL Max TrCHs  | 4   |                 |          |
|      |  |                         | UL Max CCTrCH   | 1   |                 |          |
|      |  |                         | UL Max TFS  | 32  |                 |          |
|      |  |                         | UL Max TF   | 32  |                 |          |
|      |  |                         | UL TC   | Yes   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |

NOTE: To enable UE loopback of test data for the TDD (1.28 Mcps Option) reference radio bearer configurations having zero rate in uplink or downlink (items 18 to 22, items 47 to 49 and items in table A.18g) the "Streaming / unknown / UL:14,4 kbps / CS RAB" and "Streaming / unknown / DL:14,4 kbps / CS RAB" have been used instead of the zero-rate uplink and downlink configuration. The impact on the UE radio access capability has been taken into account in the applicability statement for those items.



**Table A.18h: Radio bearer capabilities for combinations on SCCPCH (1.28 Mcps TDD option)**

| Item                                      | 1.28 Mcps TDD option radio bearer configuration for combination on SCCPCH                       | Ref.                       | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|---|----------------------------|---|---|----------------|----------|
|   |   |                            | Parameter   | Value   |                |          |
| 1   | Stand-alone signalling RB for PCCH  | 34.108<br>6.11.5.4.4.1.1.1 | DL Max TB bits  | 640   |                |          |
|   |   |                            | DL Max CC TB bits   | 640   |                |          |
|   |   |                            | DL Max TC TB bits   | N/A   |                |          |
|   |   |                            | DL Max TrCHs  | 4   |                |          |
|   |   |                            | DL Max CCTrCH   | 1   |                |          |
|   |   |                            | DL Max TTI TB   | 4   |                |          |
|   |   |                            | DL Max TFS  | 16  |                |          |
|   |   |                            | DL Max TF   | 32  |                |          |
|   |   |                            | DL TC   | N/A   |                |          |
| Other required UE radio access capability | none  |                            |   |   |                |          |
| 2   | Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH             | 34.108<br>6.11.5.4.4.2     | DL Max TB bits  | 1280  | pc_RAB_A_18h_2 |          |
|   |   |                            | DL Max CC TB bits   | 640   |                |          |
|   |   |                            | DL Max TC TB bits   | 640   |                |          |
|   |   |                            | DL Max TrCHs  | 4   |                |          |
|   |   |                            | DL Max CCTrCH   | 1   |                |          |
|   |   |                            | DL Max TTI TB   | 4   |                |          |
|   |   |                            | DL Max TFS  | 16  |                |          |
|   |   |                            | DL Max TF   | 32  |                |          |
|   |   |                            | DL TC   | Yes   |                |          |
| Other required UE radio access capability | none  |                            |   |   |                |          |
| 3   | Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH | 34.108<br>6.11.5.4.4.3     | DL Max TB bits  | 1280  | pc_RAB_A_18h_3 |          |
|   |   |                            | DL Max CC TB bits   | 640   |                |          |
|   |   |                            | DL Max TC TB bits   | 640   |                |          |
|   |   |                            | DL Max TrCHs  | 4   |                |          |
|   |   |                            | DL Max CCTrCH   | 1   |                |          |
|   |   |                            | DL Max TTI TB   | 8   |                |          |
|   |   |                            | DL Max TFS  | 16  |                |          |
|   |   |                            | DL Max TF   | 32  |                |          |
|   |   |                            | DL TC   | Yes   |                |          |
| Other required UE radio access capability | none  |                            |   |   |                |          |
| 4   | 64.8kbps RB for MTCH with 40 ms TTI   | 34.108<br>6.11.5.4.4.5     | DL Max TB bits  | 21504   | pc_RAB_A_18h_4 |          |
|   |   |                            | DL Max CC TB bits   | 640   |                |          |
|   |   |                            | DL Max TC TB bits   | 21504   |                |          |
|   |   |                            | DL Max TrCHs  | 12  |                |          |
|   |   |                            | DL Max CCTrCH   | 1   |                |          |
|   |   |                            | DL Max TTI TB   | 32  |                |          |
|   |   |                            | DL Max TFS  | 32  |                |          |
|   |   |                            | DL Max TF   | 64  |                |          |
|   |   |                            | DL TC   | Yes   |                |          |
| Other required UE radio access capability | Max. S-CCPCHs simultaneously received per cell for Slct/Soft Combining: 1                       |                            |   |   |                |          |
| 5   | 129.6 kbps RB for MTCH with 40 ms TTI   | 34.108<br>6.11.5.4.4.6     | DL Max TB bits  | 21504   | pc_RAB_A_18h_5 |          |

|   |  |                         |   |   |                |  |
|---|--|-------------------------|---|---|----------------|--|
|   |  |                         | DL Max CC TB bits                         | 640   |                |  |
|   |  |                         | DL Max TC TB bits                         | 21504   |                |  |
|   |  |                         | DL Max TrCHs                              | 12  |                |  |
|   |  |                         | DL Max CCTrCH                             | 1   |                |  |
|   |  |                         | DL Max TTI TB                             | 32  |                |  |
|   |  |                         | DL Max TFS                                | 32  |                |  |
|   |  |                         | DL Max TF                                 | 64  |                |  |
|   |  |                         | DL TC                                     | Yes   |                |  |
|   |  |                         | Other required UE radio access capability | Max. S-CCPCHs simultaneously received per cell for Slct/Soft Combining: 1 |                |  |
| 6 | 259.2 kbps RB for MTCH with 40 ms TTI    | 34.108<br>6.11.5.4.4.7  | DL Max TB bits                            | 21504   | pc_RAB_A_18h_6 |  |
|   |  |                         | DL Max CC TB bits                         | 640   |                |  |
|   |  |                         | DL Max TC TB bits                         | 21504   |                |  |
|   |  |                         | DL Max TrCHs                              | 12  |                |  |
|   |  |                         | DL Max CCTrCH                             | 1   |                |  |
|   |  |                         | DL Max TTI TB                             | 32  |                |  |
|   |  |                         | DL Max TFS                                | 32  |                |  |
|   |  |                         | DL Max TF                                 | 64  |                |  |
|   |  |                         | DL TC                                     | Yes   |                |  |
|   |  |                         | Other required UE radio access capability | Max. S-CCPCHs simultaneously received per cell for Slct/Soft Combining: 1 |                |  |
| 7 | 128kbps RB for MBSFN MTCH with 40 ms TTI | 34.108<br>6.11.5.4.4.9  | DL Max TB bits                            | 21504   | pc_RAB_A_18h_7 |  |
|   |  |                         | DL Max CC TB bits                         | 640   |                |  |
|   |  |                         | DL Max TC TB bits                         | 21504   |                |  |
|   |  |                         | DL Max TrCHs                              | 12  |                |  |
|   |  |                         | DL Max CCTrCH                             | 1   |                |  |
|   |  |                         | DL Max TTI TB                             | 32  |                |  |
|   |  |                         | DL Max TFS                                | 32  |                |  |
|   |  |                         | DL Max TF                                 | 64  |                |  |
|   |  |                         | DL TC                                     | Yes   |                |  |
|   |  |                         | Other required UE radio access capability | Max. S-CCPCHs simultaneously received per cell for Slct/Soft Combining: 1 |                |  |
| 8 | 192kbps RB for MBSFN MTCH with 40 ms TTI | 34.108<br>6.11.5.4.4.10 | DL Max TB bits                            | 21504   | pc_RAB_A_18h_8 |  |
|   |  |                         | DL Max CC TB bits                         | 640   |                |  |
|   |  |                         | DL Max TC TB bits                         | 21504   |                |  |
|   |  |                         | DL Max TrCHs                              | 12  |                |  |
|   |  |                         | DL Max CCTrCH                             | 1   |                |  |
|   |  |                         | DL Max TTI TB                             | 32  |                |  |
|   |  |                         | DL Max TFS                                | 32  |                |  |
|   |  |                         | DL Max TF                                 | 64  |                |  |
|   |  |                         | DL TC                                     | Yes   |                |  |
|   |  |                         | Other required UE radio access capability | Max. S-CCPCHs simultaneously received per cell for Slct/Soft Combining: 1 |                |  |
| 9 | 384kbps RB for MBSFN MTCH with 40 ms TTI | 34.108<br>6.11.5.4.4.11 | DL Max TB bits                            | 21504   | pc_RAB_A_18h_9 |  |
|   |  |                         | DL Max CC TB bits                         | 640   |                |  |
|   |  |                         | DL Max TC TB bits                         | 21504   |                |  |
|   |  |                         | DL Max TrCHs                              | 12  |                |  |

|  |  |  |   |  |  |  |
|--|--|--|---|--|--|--|
|  |  |  | DL Max CCTrCH                             | 1  |  |  |
|  |  |  | DL Max TTI TB                             | 32   |  |  |
|  |  |  | DL Max TFS                                | 32   |  |  |
|  |  |  | DL Max TF                                 | 64   |  |  |
|  |  |  | DL TC                                     | Yes  |  |  |
|  |  |  | Other required UE radio access capability | Max. S-CCPCHs simultaneously received per cell for Sct/Soft Combining: 1 |  |  |

**Table A.18i: Radio bearer capabilities for combinations on PRACH (1.28 Mcps TDD option)**

| Item                                      | TDD 1.28 Mcps option interoperability radio bearer configuration for combination on PRACH | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|---|------------------------|---|---|----------------|----------|
|   |   |                        | Parameter   | Value   |                |          |
| 1   | Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH                       | 34.108<br>6.11.5.4.5.1 | UL Max TB bits  | 640   | pc_RAB_A_18i_1 |          |
|   |   |                        | UL Max CC TB bits   | 640   |                |          |
|   |   |                        | UL Max TC TB bits   | N/A   |                |          |
|   |   |                        | UL Max TrCHs  | 2   |                |          |
|   |   |                        | UL Max TTI TB   | 2   |                |          |
|   |   |                        | UL Max TFS  | 4   |                |          |
|   |   |                        | UL Max TF   | 32  |                |          |
|   |   |                        | UL TC   | N/A   |                |          |
| Other required UE radio access capability | none  |                        |   |   |                |          |

**Table A.18j: TDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH**

| Item                                      | TDD interoperability radio bearer configuration for combination on DPCH and HS-PDSCH   | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|--|------------------------|---|---|----------------|----------|
| 1   | Interactive or Background /<br>UL:8 DL: [max bit rate depending on UE category] /<br>PS RAB + UL:3.4 DL:3.4 kbps<br>SRBs for DCCH  | 34.108<br>6.11.5.4.6.1 | HS-PDSCH  | Yes   | pc_RAB_A_18j_1 |          |
|   |  |                        | UL Max TB bits  | 640   |                |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | 640   |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TFS  | 4   |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | Yes   |                |          |
| Other required UE radio access capability | None   |                        |   |   |                |          |
| 2   | Interactive or Background /<br>UL:16 DL: [max bit rate depending on UE category] /<br>PS RAB + UL:3.4 DL:3.4 kbps<br>SRBs for DCCH | 34.108<br>6.11.5.4.6.2 | HS-PDSCH  | Yes   | pc_RAB_A_18j_2 |          |
|   |  |                        | UL Max TB bits  | 640   |                |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | 640   |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TFS  | 4   |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | Yes   |                |          |
| Other required UE radio access capability | None   |                        |   |   |                |          |
| 3   | Interactive or Background /<br>UL:32 DL: [max bit rate depending on UE category] /<br>PS RAB + UL:3.4 DL:3.4 kbps<br>SRBs for DCCH | 34.108<br>6.11.5.4.6.3 | HS-PDSCH  | Yes   | pc_RAB_A_18j_3 |          |
|   |  |                        | UL Max TB bits  | 1280  |                |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | 1280  |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TFS  | 8   |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | Yes   |                |          |
| Other required UE radio access capability | None   |                        |   |   |                |          |
| 4   | Interactive or Background /<br>UL:64 DL: [max bit rate depending on UE category] /<br>PS RAB + UL:3.4 DL:3.4 kbps<br>SRBs for DCCH | 34.108<br>6.11.5.4.6.4 | HS-PDSCH  | Yes   | pc_RAB_A_18j_4 |          |
|   |  |                        | UL Max TB bits  | 2560  |                |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | 2560  |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max TTI TB   | 1   |                |          |
|   |  |                        | UL Max TFS  | 16  |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | Yes   |                |          |
| Other required UE radio access capability | None   |                        |   |   |                |          |

|   |  |                        |                   |      |                |  |
|---|--|------------------------|-------------------|------|----------------|--|
| 5   | Interactive or Background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.11.5.4.6.5 | HS-PDSCH          | Yes  | pc_RAB_A_18j_5 |  |
|   |  |                        | UL Max TB bits    | 3840 |                |  |
|   |  |                        | UL Max CC TB bits | 640  |                |  |
|   |  |                        | UL Max TC TB bits | 3840 |                |  |
|   |  |                        | UL Max TrCHs      | 2    |                |  |
|   |  |                        | UL Max TTI TB     | 1    |                |  |
|   |  |                        | UL Max TFS        | 16   |                |  |
|   |  |                        | UL Max TF         | 32   |                |  |
|   |  |                        | UL TC             | Yes  |                |  |
| Other required UE radio access capability | None   |                        |                   |      |                |  |
| 6   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.6.6 | HS-PDSCH          | Yes  | pc_RAB_A_18j_6 |  |
|   |  |                        | UL Max TB bits    | 1280 |                |  |
|   |  |                        | UL Max CC TB bits | 640  |                |  |
|   |  |                        | UL Max TC TB bits | 1280 |                |  |
|   |  |                        | UL Max TrCHs      | 8    |                |  |
|   |  |                        | UL Max TTI TB     | 1    |                |  |
|   |  |                        | UL Max TFS        | 16   |                |  |
|   |  |                        | UL Max TF         | 32   |                |  |
|   |  |                        | UL TC             | Yes  |                |  |
| Other required UE radio access capability | None   |                        |                   |      |                |  |
| 7   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.6.7 | HS-PDSCH          | Yes  | pc_RAB_A_18j_7 |  |
|   |  |                        | UL Max TB bits    | 2560 |                |  |
|   |  |                        | UL Max CC TB bits | 640  |                |  |
|   |  |                        | UL Max TC TB bits | 2560 |                |  |
|   |  |                        | UL Max TrCHs      | 8    |                |  |
|   |  |                        | UL Max TTI TB     | 1    |                |  |
|   |  |                        | UL Max TFS        | 32   |                |  |
|   |  |                        | UL Max TF         | 32   |                |  |
|   |  |                        | UL TC             | Yes  |                |  |
| Other required UE radio access capability | None   |                        |                   |      |                |  |
| 8   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH    | 34.108<br>6.11.5.4.6.8 | HS-PDSCH          | Yes  | pc_RAB_A_18j_8 |  |
|   |  |                        | UL Max TB bits    | 3840 |                |  |
|   |  |                        | UL Max CC TB bits | 640  |                |  |
|   |  |                        | UL Max TC TB bits | 3840 |                |  |
|   |  |                        | UL Max TrCHs      | 4    |                |  |
|   |  |                        | UL Max TTI TB     | 1    |                |  |
|   |  |                        | UL Max TFS        | 32   |                |  |
|   |  |                        | UL Max TF         | 32   |                |  |
|   |  |                        | UL TC             | Yes  |                |  |
| Other required UE radio access capability | None   |                        |                   |      |                |  |

|    |  |                         |   |      |                 |  |
|----|--|-------------------------|---|------|-----------------|--|
| 9  | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.11.5.4.6.9  | HS-PDSCH                                  | Yes  | pc_RAB_A_18j_9  |  |
|    |  |                         | UL Max TB bits                            | 3840 |                 |  |
|    |  |                         | UL Max CC TB bits                         | 640  |                 |  |
|    |  |                         | UL Max TC TB bits                         | 3840 |                 |  |
|    |  |                         | UL Max TrCHs                              | 4    |                 |  |
|    |  |                         | UL Max TTI TB                             | 1    |                 |  |
|    |  |                         | UL Max TFS                                | 32   |                 |  |
|    |  |                         | UL Max TF                                 | 32   |                 |  |
|    |  |                         | UL TC                                     | Yes  |                 |  |
|    |  |                         | Other required UE radio access capability | None |                 |  |
| 10 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[max bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.6.13 | HS-PDSCH                                  | Yes  | pc_RAB_A_18j_10 |  |
|    |  |                         | UL Max TB bits                            | 8960 |                 |  |
|    |  |                         | UL Max CC TB bits                         | 640  |                 |  |
|    |  |                         | UL Max TC TB bits                         | 8960 |                 |  |
|    |  |                         | UL Max TrCHs                              | 4    |                 |  |
|    |  |                         | UL Max TTI TB                             | 1    |                 |  |
|    |  |                         | UL Max TFS                                | 32   |                 |  |
|    |  |                         | UL Max TF                                 | 32   |                 |  |
|    |  |                         | UL TC                                     | Yes  |                 |  |
|    |  |                         | Other required UE radio access capability | None |                 |  |
| 11 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.6.10 | HS-PDSCH                                  | Yes  | pc_RAB_A_18j_11 |  |
|    |  |                         | UL Max TB bits                            | 3840 |                 |  |
|    |  |                         | UL Max CC TB bits                         | 640  |                 |  |
|    |  |                         | UL Max TC TB bits                         | 3840 |                 |  |
|    |  |                         | UL Max TrCHs                              | 4    |                 |  |
|    |  |                         | UL Max TTI TB                             | 1    |                 |  |
|    |  |                         | UL Max TFS                                | 32   |                 |  |
|    |  |                         | UL Max TF                                 | 32   |                 |  |
|    |  |                         | UL TC                                     | Yes  |                 |  |
|    |  |                         | Other required UE radio access capability | None |                 |  |
| 12 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | 34.108<br>6.11.5.4.6.16 | HS-PDSCH                                  | Yes  | pc_RAB_A_18j_12 |  |
|    |  |                         | UL Max TB bits                            | 2560 |                 |  |
|    |  |                         | UL Max CC TB bits                         | 640  |                 |  |



|    |   |                         |   |      |                 |  |
|----|---|-------------------------|---|------|-----------------|--|
|    |   |                         | UL Max TC TB bits                         | 2560 |                 |  |
|    |   |                         | UL Max TrCHs                              | 4    |                 |  |
|    |   |                         | UL Max TTI TB                             | 1    |                 |  |
|    |   |                         | UL Max TFS                                | 32   |                 |  |
|    |   |                         | UL Max TF                                 | 32   |                 |  |
|    |   |                         | UL TC                                     | Yes  |                 |  |
|    |   |                         | Other required UE radio access capability | None |                 |  |
| 13 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:16 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.6.14 | HS-PDSCH                                  | Yes  | pc_RAB_A_18j_13 |  |
|    |   |                         | UL Max TB bits                            | 1280 |                 |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |  |
|    |   |                         | UL Max TC TB bits                         | 1280 |                 |  |
|    |   |                         | UL Max TrCHs                              | 4    |                 |  |
|    |   |                         | UL Max TTI TB                             | 1    |                 |  |
|    |   |                         | UL Max TFS                                | 32   |                 |  |
|    |   |                         | UL Max TF                                 | 32   |                 |  |
|    |   |                         | UL TC                                     | Yes  |                 |  |
|    |   |                         | Other required UE radio access capability | None |                 |  |
| 14 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:32 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.6.15 | HS-PDSCH                                  | Yes  | pc_RAB_A_18j_14 |  |
|    |   |                         | UL Max TB bits                            | 1280 |                 |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |  |
|    |   |                         | UL Max TC TB bits                         | 1280 |                 |  |
|    |   |                         | UL Max TrCHs                              | 4    |                 |  |
|    |   |                         | UL Max TTI TB                             | 1    |                 |  |
|    |   |                         | UL Max TFS                                | 32   |                 |  |
|    |   |                         | UL Max TF                                 | 32   |                 |  |
|    |   |                         | UL TC                                     | Yes  |                 |  |
|    |   |                         | Other required UE radio access capability | None |                 |  |
| 15 | Streaming / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.11.5.4.6.17 | HS-PDSCH                                  | Yes  | pc_RAB_A_18j_15 |  |
|    |   |                         | UL Max TB bits                            | 2560 |                 |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |  |
|    |   |                         | UL Max TC TB bits                         | 2560 |                 |  |
|    |   |                         | UL Max TrCHs                              | 4    |                 |  |
|    |   |                         | UL Max TTI TB                             | 1    |                 |  |
|    |   |                         | UL Max TFS                                | 32   |                 |  |
|    |   |                         | UL Max TF                                 | 32   |                 |  |
|    |   |                         | UL TC                                     | Yes  |                 |  |
|    |   |                         | Other required UE radio access capability | None |                 |  |

|    |   |                         |   |      |                 |  |
|----|---|-------------------------|---|------|-----------------|--|
| 16 | Streaming / UL:32 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.6.11 | HS-PDSCH                                  | Yes  | pc_RAB_A_18j_16 |  |
|    |   |                         | UL Max TB bits                            | 1280 |                 |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |  |
|    |   |                         | UL Max TC TB bits                         | 1280 |                 |  |
|    |   |                         | UL Max TrCHs                              | 4    |                 |  |
|    |   |                         | UL Max TTI TB                             | 1    |                 |  |
|    |   |                         | UL Max TFS                                | 32   |                 |  |
|    |   |                         | UL Max TF                                 | 32   |                 |  |
|    |   |                         | UL TC                                     | Yes  |                 |  |
|    |   |                         | Other required UE radio access capability | None |                 |  |
| 17 | Streaming / UL:16 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.6.12 | HS-PDSCH                                  | Yes  | pc_RAB_A_18j_17 |  |
|    |   |                         | UL Max TB bits                            | 1280 |                 |  |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |  |
|    |   |                         | UL Max TC TB bits                         | 1280 |                 |  |
|    |   |                         | UL Max TrCHs                              | 4    |                 |  |
|    |   |                         | UL Max TTI TB                             | 1    |                 |  |
|    |   |                         | UL Max TFS                                | 32   |                 |  |
|    |   |                         | UL Max TF                                 | 32   |                 |  |
|    |   |                         | UL TC                                     | Yes  |                 |  |
|    |   |                         | Other required UE radio access capability | None |                 |  |

**Table A.18k: TDD interoperability radio bearer capabilities for combinations on HS-PDSCH and E-PUCH**

| Item                                      | FDD interoperability radio bearer configuration for combination on DPCH and HS-PDSCH   | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |  |                        |                    |   |                |  |      |
|---|--|------------------------|---|---|----------------|----------|--|------------------------|--------------------|---|----------------|--|------|
| 1   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: 3.4 DL:3.4 kbps SRBs for DCCH on DCH   | 34.108<br>6.11.5.4.7.2 | HS-PDSCH<br>E-PUCH  | Yes   | pc_RAB_A_18k_1 |          |  |                        |                    |   |                |  |      |
|   |  |                        |   | Yes   |                |          |  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TB bits  |                |          | 640  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max CC TB bits   |                |          | 640  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TC TB bits   |                |          | N/A  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TrCHs  |                |          | 4  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max CCTrCH   |                |          | 1  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TTI TB   |                |          | 4  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TFS  |                |          | 16   |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TF   |                |          | 32   |                        |                    |   |                |  |      |
|   |  |                        |   | DL TC   |                |          | N/A  |                        |                    |   |                |  |      |
|   |  |                        |   | UL Max TB bits  |                |          | 640  |                        |                    |   |                |  |      |
|   |  |                        |   | UL Max CC TB bits   |                |          | 640  |                        |                    |   |                |  |      |
|   |  |                        |   | UL Max TC TB bits   |                |          | N/A  |                        |                    |   |                |  |      |
|   |  |                        |   | UL Max TrCHs  |                |          | 2  |                        |                    |   |                |  |      |
|   |  |                        |   | UL Max TTI TB   |                |          | 2  |                        |                    |   |                |  |      |
|   |  |                        |   | UL Max TFS  |                |          | 4  |                        |                    |   |                |  |      |
| UL Max TF                                 | 32   |                        |   |   |                |          |  |                        |                    |   |                |  |      |
| UL TC                                     | N/A  |                        |   |   |                |          |  |                        |                    |   |                |  |      |
| Other required UE radio access capability | None   |                        |   |   |                |          |  |                        |                    |   |                |  |      |
| 2   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 34.108<br>6.11.5.4.7.3 | HS-PDSCH<br>E-PUCH  | Yes   | pc_RAB_A_18k_2 |          |  |                        |                    |   |                |  |      |
|   |  |                        |   | Yes   |                |          |  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TB bits  |                |          | 640  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max CC TB bits   |                |          | 640  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TC TB bits   |                |          | N/A  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TrCHs  |                |          | 4  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max CCTrCH   |                |          | 1  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TTI TB   |                |          | 4  |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TFS  |                |          | 16   |                        |                    |   |                |  |      |
|   |  |                        |   | DL Max TF   |                |          | 32   |                        |                    |   |                |  |      |
|   |  |                        |   | DL TC   |                |          | N/A  |                        |                    |   |                |  |      |
|   |  |                        |   | Other required UE radio access capability                 |                |          | None   |                        |                    |   |                |  |      |
|   |  |                        |   | 3   |                |          | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | 34.108<br>6.11.5.4.7.4 | HS-PDSCH<br>E-PUCH | Yes                                       | pc_RAB_A_18k_3 |  |      |
|   |  |                        |   |   |                |          |  |                        |                    | Yes                                       |                |  |      |
|   |  |                        |   |   |                |          |  |                        |                    | Other required UE radio access capability |                |  | None |

|   |  |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
|---|--|------------------------|--------------------|---|----------------|--|--|------------------------|--------------------|-------------------|----------------|--|------|
| 4   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.11.5.4.7.5 | HS-PDSCH<br>E-PUCH | Yes                                       | pc_RAB_A_18k_4 |  |  |                        |                    |                   |                |  |      |
|   |  |                        |                    | Yes                                       |                |  |  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TB bits                            |                |  | 640  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max CC TB bits                         |                |  | 640  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TC TB bits                         |                |  | N/A  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TrCHs                              |                |  | 4  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max CCTrCH                             |                |  | 1  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TTI TB                             |                |  | 4  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TFS                                |                |  | 16   |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TF                                 |                |  | 32   |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL TC                                     |                |  | N/A  |                        |                    |                   |                |  |      |
|   |  |                        |                    | UL Max TB bits                            |                |  | 640  |                        |                    |                   |                |  |      |
|   |  |                        |                    | UL Max CC TB bits                         |                |  | 640  |                        |                    |                   |                |  |      |
|   |  |                        |                    | UL Max TC TB bits                         |                |  | N/A  |                        |                    |                   |                |  |      |
|   |  |                        |                    | UL Max TrCHs                              |                |  | 4  |                        |                    |                   |                |  |      |
|   |  |                        |                    | UL Max TTI TB                             |                |  | 4  |                        |                    |                   |                |  |      |
| UL Max TFS                                | 8  |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
| UL Max TF                                 | 32   |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
| UL TC                                     | N/A  |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
| Other required UE radio access capability | None   |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
| 5   | Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 34.108<br>6.11.5.4.7.7 | HS-PDSCH<br>E-PUCH | Yes                                       | pc_RAB_A_18k_5 |  |  |                        |                    |                   |                |  |      |
|   |  |                        |                    | Yes                                       |                |  |  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TB bits                            |                |  | 640  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max CC TB bits                         |                |  | 640  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TC TB bits                         |                |  | N/A  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TrCHs                              |                |  | 4  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max CCTrCH                             |                |  | 1  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TTI TB                             |                |  | 4  |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TFS                                |                |  | 16   |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL Max TF                                 |                |  | 32   |                        |                    |                   |                |  |      |
|   |  |                        |                    | DL TC                                     |                |  | N/A  |                        |                    |                   |                |  |      |
|   |  |                        |                    | Other required UE radio access capability |                |  | None   |                        |                    |                   |                |  |      |
|   |  |                        |                    | 6   |                |  | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.7.8 | HS-PDSCH<br>E-PUCH | No                | pc_RAB_A_18k_6 |  |      |
|   |  |                        |                    |   |                |  |  |                        |                    | Yes               |                |  |      |
|   |  |                        |                    |   |                |  |  |                        |                    | DL Max TB bits    |                |  | 8960 |
|   |  |                        |                    |   |                |  |  |                        |                    | DL Max CC TB bits |                |  | 640  |
| DL Max TC TB bits                         | 8960   |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
| DL Max TrCHs                              | 4  |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
| DL Max CCTrCH                             | 1  |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
| DL Max TTI TB                             | 32   |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
| DL Max TFS                                | 32   |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |
| DL Max TF                                 | 32   |                        |                    |   |                |  |  |                        |                    |                   |                |  |      |

|    |  |                         |   |           |                 |  |
|----|--|-------------------------|---|-----------|-----------------|--|
|    |  |                         | DL TC                                     | N/A       |                 |  |
|    |  |                         | Other required UE radio access capability | None      |                 |  |
| 7  | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.11.5.4.7.9  | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_7  |  |
|    |  |                         | DL Max TB bits                            | 3840      |                 |  |
|    |  |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |  |                         | DL Max TC TB bits                         | 3840      |                 |  |
|    |  |                         | DL Max TrCHs                              | 4         |                 |  |
|    |  |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |  |                         | DL Max TTI TB                             | 16        |                 |  |
|    |  |                         | DL Max TFS                                | 32        |                 |  |
|    |  |                         | DL Max TF                                 | 32        |                 |  |
|    |  |                         | DL TC                                     | N/A       |                 |  |
|    |  |                         | Other required UE radio access capability | None      |                 |  |
| 8  | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.7.10 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_8  |  |
|    |  |                         | DL Max TB bits                            | 2560      |                 |  |
|    |  |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |  |                         | DL Max TC TB bits                         | 2560      |                 |  |
|    |  |                         | DL Max TrCHs                              | 4         |                 |  |
|    |  |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |  |                         | DL Max TTI TB                             | 8         |                 |  |
|    |  |                         | DL Max TFS                                | 16        |                 |  |
|    |  |                         | DL Max TF                                 | 32        |                 |  |
|    |  |                         | DL TC                                     | N/A       |                 |  |
|    |  |                         | Other required UE radio access capability | None      |                 |  |
| 9  | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.7.11 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_9  |  |
|    |  |                         | DL Max TB bits                            | 1280      |                 |  |
|    |  |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |  |                         | DL Max TC TB bits                         | 1280      |                 |  |
|    |  |                         | DL Max TrCHs                              | 4         |                 |  |
|    |  |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |  |                         | DL Max TTI TB                             | 8         |                 |  |
|    |  |                         | DL Max TFS                                | 16        |                 |  |
|    |  |                         | DL Max TF                                 | 32        |                 |  |
|    |  |                         | DL TC                                     | N/A       |                 |  |
|    |  |                         | Other required UE radio access capability | None      |                 |  |
| 10 | Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.7.12 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_10 |  |
|    |  |                         | DL Max TB bits                            | 3840      |                 |  |
|    |  |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |  |                         | DL Max TC TB bits                         | 3840      |                 |  |
|    |  |                         | DL Max TrCHs                              | 4         |                 |  |
|    |  |                         | DL Max CCTrCH                             | 1         |                 |  |

|    |  |                         |   |           |                 |  |
|----|--|-------------------------|---|-----------|-----------------|--|
|    |  |                         | DL Max TTI TB                             | 16        |                 |  |
|    |  |                         | DL Max TFS                                | 32        |                 |  |
|    |  |                         | DL Max TF                                 | 32        |                 |  |
|    |  |                         | DL TC                                     | N/A       |                 |  |
|    |  |                         | Other required UE radio access capability | None      |                 |  |
| 11 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.7.13 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_11 |  |
|    |  |                         | DL Max TB bits                            | 8960      |                 |  |
|    |  |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |  |                         | DL Max TC TB bits                         | 8960      |                 |  |
|    |  |                         | DL Max TrCHs                              | 4         |                 |  |
|    |  |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |  |                         | DL Max TTI TB                             | 32        |                 |  |
|    |  |                         | DL Max TFS                                | 32        |                 |  |
|    |  |                         | DL Max TF                                 | 32        |                 |  |
|    |  |                         | DL TC                                     | N/A       |                 |  |
|    |  |                         | Other required UE radio access capability | None      |                 |  |
| 12 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.7.14 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_12 |  |
|    |  |                         | DL Max TB bits                            | 2560      |                 |  |
|    |  |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |  |                         | DL Max TC TB bits                         | 2560      |                 |  |
|    |  |                         | DL Max TrCHs                              | 4         |                 |  |
|    |  |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |  |                         | DL Max TTI TB                             | 16        |                 |  |
|    |  |                         | DL Max TFS                                | 32        |                 |  |
|    |  |                         | DL Max TF                                 | 32        |                 |  |
|    |  |                         | DL TC                                     | N/A       |                 |  |
|    |  |                         | Other required UE radio access capability | None      |                 |  |
| 13 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.5.4.7.15 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_13 |  |
|    |  |                         | DL Max TB bits                            | 3840      |                 |  |
|    |  |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |  |                         | DL Max TC TB bits                         | 3840      |                 |  |
|    |  |                         | DL Max TrCHs                              | 4         |                 |  |
|    |  |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |  |                         | DL Max TTI TB                             | 16        |                 |  |
|    |  |                         | DL Max TFS                                | 32        |                 |  |
|    |  |                         | DL Max TF                                 | 32        |                 |  |
|    |  |                         | DL TC                                     | N/A       |                 |  |
|    |  |                         | Other required UE radio access capability | None      |                 |  |

|    |   |                         |   |           |                 |  |
|----|---|-------------------------|---|-----------|-----------------|--|
| 14 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.7.16 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_14 |  |
|    |   |                         | DL Max TB bits                            | 2560      |                 |  |
|    |   |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |   |                         | DL Max TC TB bits                         | 2560      |                 |  |
|    |   |                         | DL Max TrCHs                              | 4         |                 |  |
|    |   |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |   |                         | DL Max TTI TB                             | 16        |                 |  |
|    |   |                         | DL Max TFS                                | 32        |                 |  |
|    |   |                         | DL Max TF                                 | 32        |                 |  |
|    |   |                         | DL TC                                     | N/A       |                 |  |
|    |   |                         | Other required UE radio access capability | None      |                 |  |
| 15 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.7.17 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_15 |  |
|    |   |                         | DL Max TB bits                            | 1280      |                 |  |
|    |   |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |   |                         | DL Max TC TB bits                         | 1280      |                 |  |
|    |   |                         | DL Max TrCHs                              | 4         |                 |  |
|    |   |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |   |                         | DL Max TTI TB                             | 8         |                 |  |
|    |   |                         | DL Max TFS                                | 16        |                 |  |
|    |   |                         | DL Max TF                                 | 32        |                 |  |
|    |   |                         | DL TC                                     | N/A       |                 |  |
|    |   |                         | Other required UE radio access capability | None      |                 |  |
| 16 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL: [max bit rate depending on UE category and TTI] DL: 16 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.7.18 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_16 |  |
|    |   |                         | DL Max TB bits                            | 1280      |                 |  |
|    |   |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |   |                         | DL Max TC TB bits                         | 1280      |                 |  |
|    |   |                         | DL Max TrCHs                              | 4         |                 |  |
|    |   |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |   |                         | DL Max TTI TB                             | 8         |                 |  |
|    |   |                         | DL Max TFS                                | 16        |                 |  |
|    |   |                         | DL Max TF                                 | 32        |                 |  |
|    |   |                         | DL TC                                     | N/A       |                 |  |
|    |   |                         | Other required UE radio access capability | None      |                 |  |



|    |   |                         |   |           |                 |  |
|----|---|-------------------------|---|-----------|-----------------|--|
| 17 | Streaming / UL: [max bit rate depending on UE category and TTI] DL: 64 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.7.19 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_17 |  |
|    |   |                         | DL Max TB bits                            | 2560      |                 |  |
|    |   |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |   |                         | DL Max TC TB bits                         | 2560      |                 |  |
|    |   |                         | DL Max TrCHs                              | 4         |                 |  |
|    |   |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |   |                         | DL Max TTI TB                             | 16        |                 |  |
|    |   |                         | DL Max TFS                                | 32        |                 |  |
|    |   |                         | DL Max TF                                 | 32        |                 |  |
|    |   |                         | DL TC                                     | N/A       |                 |  |
|    |   |                         | Other required UE radio access capability | None      |                 |  |
| 18 | Streaming / UL: [max bit rate depending on UE category and TTI] DL: 32 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.7.20 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_18 |  |
|    |   |                         | DL Max TB bits                            | 1280      |                 |  |
|    |   |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |   |                         | DL Max TC TB bits                         | 1280      |                 |  |
|    |   |                         | DL Max TrCHs                              | 4         |                 |  |
|    |   |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |   |                         | DL Max TTI TB                             | 8         |                 |  |
|    |   |                         | DL Max TFS                                | 16        |                 |  |
|    |   |                         | DL Max TF                                 | 32        |                 |  |
|    |   |                         | DL TC                                     | N/A       |                 |  |
|    |   |                         | Other required UE radio access capability | None      |                 |  |
| 19 | Streaming / UL: [max bit rate depending on UE category and TTI] DL: 16 kbps / PS RAB + Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: 8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.5.4.7.21 | HS-PDSCH<br>E-PUCH                        | No<br>Yes | pc_RAB_A_18k_19 |  |
|    |   |                         | DL Max TB bits                            | 1280      |                 |  |
|    |   |                         | DL Max CC TB bits                         | 640       |                 |  |
|    |   |                         | DL Max TC TB bits                         | 1280      |                 |  |
|    |   |                         | DL Max TrCHs                              | 4         |                 |  |
|    |   |                         | DL Max CCTrCH                             | 1         |                 |  |
|    |   |                         | DL Max TTI TB                             | 8         |                 |  |
|    |   |                         | DL Max TFS                                | 16        |                 |  |
|    |   |                         | DL Max TF                                 | 32        |                 |  |
|    |   |                         | DL TC                                     | N/A       |                 |  |
|    |   |                         | Other required UE radio access capability | None      |                 |  |

|    |   |                         |   |            |                 |
|----|---|-------------------------|---|------------|-----------------|
| 20 | Conversational / unknown or speech / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | 34.108<br>6.11.5.4.7.22 | HS-PDSCH<br>E-PUCH                        | Yes<br>Yes | pc_RAB_A_18k_20 |
|    |   |                         | DL Max TB bits                            | 1280       |                 |
|    |   |                         | DL Max CC TB bits                         | 640        |                 |
|    |   |                         | DL Max TC TB bits                         | 1280       |                 |
|    |   |                         | DL Max TrCHs                              | 4          |                 |
|    |   |                         | DL Max CCTrCH                             | 1          |                 |
|    |   |                         | DL Max TTI TB                             | 8          |                 |
|    |   |                         | DL Max TFS                                | 16         |                 |
|    |   |                         | DL Max TF                                 | 32         |                 |
|    |   |                         | DL TC                                     | N/A        |                 |
|    |   |                         | Other required UE radio access capability | None       |                 |

**A.4.3.3.3 TDD Radio Bearer Capabilities (3.84 Mcps option)**

The applicability column in table A.18k specifies the minimum UE radio access capability for which radio bearer configurations are applicable. The UE radio access capability parameters and their possible value range are defined in TS 25.306 [34a] clause 5.1.

The following labels have been used in tables A.18k1 to A.18p2 represent the various UE radio access capability parameters:

|  | Label             | UE radio access capability parameter as defined in [34a] 25.306.   |
|--|-------------------|--|
| Transport channel parameters in downlink | DL Max TB bits    | Maximum sum of number of bits of all transport blocks being received at an arbitrary time instant                          |
|  | DL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being received at an arbitrary time instant    |
|  | DL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being received at an arbitrary time instant              |
|  | DL Max TrCHs      | Maximum number of simultaneous transport channels  |
|  | DL Max CCTrCH     | Maximum number of simultaneous CCTrCH  |
|  | DL Max TTI TB     | Maximum total number of transport blocks received within TTIs that end within the same 10 ms interval                      |
|  | DL Max TFS        | Maximum number of TFC in the TFCS  |
|  | DL Max TF         | Maximum number of TF   |
|  | DL TC             | Support for turbo decoding   |
| Transport channel parameters in uplink   | UL Max TB bits    | Maximum sum of number of bits of all transport blocks being transmitted at an arbitrary time instant                       |
|  | UL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being transmitted at an arbitrary time instant |
|  | UL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being transmitted at an arbitrary time instant           |
|  | UL Max TrCHs      | Maximum number of simultaneous transport channels  |
|  | UL Max CCTrCH     | Maximum number of simultaneous CCTrCH  |
|  | UL Max TTI TB     | Maximum total number of transport blocks transmitted within TTIs that start at the same time                               |
|  | UL Max TFS        | Maximum number of TFC in the TFCS  |
|  | UL Max TF         | Maximum number of TF   |
|  | UL TC             | Support for turbo encoding   |

**Table A.18k1: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on DPCH.**

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|------|--|-------------------------|---|---|------------------|----------|
|      |  |                         | Parameter   | Value   |                  |          |
| 1    | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH                                     | 34.108<br>6.10.3.4.1.1  | DL Max TB bits  | 640   | pc_RAB_A_18k1_1  |          |
|      |  |                         | DL Max CC TB bits   | 640   |                  |          |
|      |  |                         | DL Max TC TB bits   | N/A   |                  |          |
|      |  |                         | DL Max TrCHs  | 4   |                  |          |
|      |  |                         | DL Max CCTrCH   | 1   |                  |          |
|      |  |                         | DL Max TTI TB   | 4   |                  |          |
|      |  |                         | DL Max TFS  | 16  |                  |          |
|      |  |                         | DL Max TF   | 32  |                  |          |
|      |  |                         | DL TC   | N/A   |                  |          |
|      |  |                         | UL Max TB bits  | 640   |                  |          |
|      |  |                         | UL Max CC TB bits   | 640   |                  |          |
|      |  |                         | UL Max TC TB bits   | N/A   |                  |          |
|      |  |                         | UL Max TrCHs  | 2   |                  |          |
|      |  |                         | UL Max CCTrCH   | 1   |                  |          |
|      |  |                         | UL Max TTI TB   | 2   |                  |          |
|      |  |                         | UL Max TFS  | 4   |                  |          |
|      |  |                         | UL Max TF   | 32  |                  |          |
|      |  |                         | UL TC   | N/A   |                  |          |
|      |  |                         | Other required UE radio access capability                     | None  |                  |          |
| 1a   | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH (multiframe)                        | 34.108<br>6.10.3.4.1.1a | DL Max TB bits  | 640   | pc_RAB_A_18k1_1a |          |
|      |  |                         | DL Max CC TB bits   | 640   |                  |          |
|      |  |                         | DL Max TC TB bits   | N/A   |                  |          |
|      |  |                         | DL Max TrCHs  | 4   |                  |          |
|      |  |                         | DL Max CCTrCH   | 1   |                  |          |
|      |  |                         | DL Max TTI TB   | 4   |                  |          |
|      |  |                         | DL Max TFS  | 16  |                  |          |
|      |  |                         | DL Max TF   | 32  |                  |          |
|      |  |                         | DL TC   | N/A   |                  |          |
|      |  |                         | UL Max TB bits  | 640   |                  |          |
|      |  |                         | UL Max CC TB bits   | 640   |                  |          |
|      |  |                         | UL Max TC TB bits   | N/A   |                  |          |
|      |  |                         | UL Max TrCHs  | 2   |                  |          |
|      |  |                         | UL Max CCTrCH   | 1   |                  |          |
|      |  |                         | UL Max TTI TB   | 2   |                  |          |
|      |  |                         | UL Max TFS  | 4   |                  |          |
|      |  |                         | UL Max TF   | 32  |                  |          |
|      |  |                         | UL TC   | N/A   |                  |          |
|      |  |                         | Other required UE radio access capability                     | None  |                  |          |
| 2    | Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.10.3.4.1.2  | DL Max TB bits  | 640   | pc_RAB_A_18k1_2  |          |
|      |  |                         | DL Max CC TB bits   | 640   |                  |          |
|      |  |                         | DL Max TC TB bits   | N/A   |                  |          |
|      |  |                         | DL Max TrCHs  | 4   |                  |          |
|      |  |                         | DL Max CCTrCH   | 1   |                  |          |
|      |  |                         | DL Max TTI TB   | 4   |                  |          |
|      |  |                         | DL Max TFS  | 16  |                  |          |
|      |  |                         | DL Max TF   | 32  |                  |          |
|      |  |                         | DL TC   | N/A   |                  |          |
|      |  |                         | UL Max TB bits  | 640   |                  |          |
|      |  |                         | UL Max CC TB bits   | 640   |                  |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)                                  | Mnemonic        | Comments |
|---|--|------------------------|---|--|-----------------|----------|
|   |  |                        | Parameter   | Value  |                 |          |
|   |  |                        | UL Max TC TB bits   | N/A  |                 |          |
|   |  |                        | UL Max TrCHs  | 2  |                 |          |
|   |  |                        | UL Max CCTrCH   | 1  |                 |          |
|   |  |                        | UL Max TTI TB   | 2  |                 |          |
|   |  |                        | UL Max TFS  | 4  |                 |          |
|   |  |                        | UL Max TF   | 32   |                 |          |
|   |  |                        | UL TC   | N/A  |                 |          |
|   |  |                        | Other required UE radio access capability                     | None   |                 |          |
| 3   | Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH                                   | 34.108<br>6.10.3.4.1.3 | DL Max TB bits  | 640  | pc_RAB_A_18k1_3 |          |
|   |  |                        | DL Max CC TB bits   | 640  |                 |          |
|   |  |                        | DL Max TC TB bits   | N/A  |                 |          |
|   |  |                        | DL Max TrCHs  | 4  |                 |          |
|   |  |                        | DL Max CCTrCH   | 1  |                 |          |
|   |  |                        | DL Max TTI TB   | 4  |                 |          |
|   |  |                        | DL Max TFS  | 16   |                 |          |
|   |  |                        | DL Max TF   | 32   |                 |          |
|   |  |                        | DL TC   | N/A  |                 |          |
|   |  |                        | UL Max TB bits  | 640  |                 |          |
|   |  |                        | UL Max CC TB bits   | 640  |                 |          |
|   |  |                        | UL Max TC TB bits   | N/A  |                 |          |
|   |  |                        | UL Max TrCHs  | 2  |                 |          |
|   |  |                        | UL Max CCTrCH   | 1  |                 |          |
|   |  |                        | UL Max TTI TB   | 2  |                 |          |
|   |  |                        | UL Max TFS  | 4  |                 |          |
|   |  |                        | UL Max TF   | 32   |                 |          |
|   |  |                        | UL TC   | N/A  |                 |          |
|   |  |                        | Other required UE radio access capability                     | None   |                 |          |
|   |  |                        | 4   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH |                 |          |
| DL Max CC TB bits                         | 640  |                        |   |  |                 |          |
| DL Max TC TB bits                         | N/A  |                        |   |  |                 |          |
| DL Max TrCHs                              | 4  |                        |   |  |                 |          |
| DL Max CCTrCH                             | 1  |                        |   |  |                 |          |
| DL Max TTI TB                             | 4  |                        |   |  |                 |          |
| DL Max TFS                                | 16   |                        |   |  |                 |          |
| DL Max TF                                 | 32   |                        |   |  |                 |          |
| DL TC                                     | N/A  |                        |   |  |                 |          |
| UL Max TB bits                            | 640  |                        |   |  |                 |          |
| UL Max CC TB bits                         | 640  |                        |   |  |                 |          |
| UL Max TC TB bits                         | N/A  |                        |   |  |                 |          |
| UL Max TrCHs                              | 4  |                        |   |  |                 |          |
| UL Max CCTrCH                             | 1  |                        |   |  |                 |          |
| UL Max TTI TB                             | 4  |                        |   |  |                 |          |
| UL Max TFS                                | 8  |                        |   |  |                 |          |
| UL Max TF                                 | 32   |                        |   |  |                 |          |
| UL TC                                     | N/A  |                        |   |  |                 |          |
| Other required UE radio access capability | None   |                        |   |  |                 |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|---|--|-------------------------|---|---|------------------|----------|
|   |  |                         | Parameter   | Value   |                  |          |
| 4a  | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.    | 34.108<br>6.10.3.4.1.4a | DL Max TB bits  | 640   | pc_RAB_A_18k1_4a |          |
|   |  |                         | DL Max CC TB bits   | 640   |                  |          |
|   |  |                         | DL Max TC TB bits   | N/A   |                  |          |
|   |  |                         | DL Max TrCHs  | 4   |                  |          |
|   |  |                         | DL Max CCTrCH   | 1   |                  |          |
|   |  |                         | DL Max TTI TB   | 4   |                  |          |
|   |  |                         | DL Max TFS  | 16  |                  |          |
|   |  |                         | DL Max TF   | 32  |                  |          |
|   |  |                         | DL TC   | N/A   |                  |          |
|   |  |                         | UL Max TB bits  | 640   |                  |          |
|   |  |                         | UL Max CC TB bits   | 640   |                  |          |
|   |  |                         | UL Max TC TB bits   | N/A   |                  |          |
|   |  |                         | UL Max TrCHs  | 4   |                  |          |
|   |  |                         | UL Max CCTrCH   | 1   |                  |          |
|   |  |                         | UL Max TTI TB   | 4   |                  |          |
|   |  |                         | UL Max TFS  | 16  |                  |          |
|   |  |                         | UL Max TF   | 32  |                  |          |
| UL TC                                     | N/A  |                         |   |   |                  |          |
| Other required UE radio access capability | None   |                         |   |   |                  |          |
| 5   | Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.10.3.4.1.5  | Same as for item 4.   |   | pc_RAB_A_18k1_5  |          |
| 5a  | Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.5a | Same as for item 4a.  |   | pc_RAB_A_18k1_5a |          |
| 6   | Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.10.3.4.1.6  | Same as for item 4.   |   | pc_RAB_A_18k1_6  |          |
| 7   | Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.3.4.1.7  | Same as for item 4.   |   | pc_RAB_A_18k1_7  |          |
| 7a  | Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.10.3.4.1.7a | Same as for item 4a.  |   | pc_RAB_A_18k1_7a |          |
| 8   | Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                       | 34.108<br>6.10.3.4.1.8  | Same as for item 4.   |   | pc_RAB_A_18k1_8  |          |
| 9   | Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                       | 34.108<br>6.10.3.4.1.9  | Same as for item 4.   |   | pc_RAB_A_18k1_9  |          |
| 10  | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.10.3.4.1.10 | Same as for item 4.   |   | pc_RAB_A_18k1_10 |          |
| 11  | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.10.3.4.1.11 | Same as for item 4.   |   | pc_RAB_A_18k1_11 |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                    | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|------|---|-------------------------|---|---|--------------------|----------|
|      |   |                         | Parameter   | Value   |                    |          |
| 12   | Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH         | 34.108<br>6.10.3.4.1.12 | DL Max TB bits  | 2560  | pc_RAB_A_18k1_12   |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 1280  |                    |          |
|      |   |                         | DL Max TrCHs  | 4   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 4   |                    |          |
|      |   |                         | DL Max TFS  | 16  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 2560  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                    |          |
|      |   |                         | UL Max TrCHs  | 4   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 4   |                    |          |
|      |   |                         | UL Max TFS  | 8   |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Y   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 13.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.3.4.1.13 | DL Max TB bits  | 2560  | pc_RAB_A_18k1_13_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 1280  |                    |          |
|      |   |                         | DL Max TrCHs  | 4   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 4   |                    |          |
|      |   |                         | DL Max TFS  | 16  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 2560  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                    |          |
|      |   |                         | UL Max TrCHs  | 4   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 4   |                    |          |
|      |   |                         | UL Max TFS  | 8   |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Y   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 13.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.10.3.4.1.13 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_13_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                    |          |
|      |   |                         | DL Max TrCHs  | 4   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 8   |                    |          |
|      |   |                         | DL Max TFS  | 16  |                    |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                    | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|------|---|-------------------------|---|---|--------------------|----------|
|      |   |                         | Parameter   | Value   |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 3840  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |   |                         | UL Max TrCHs  | 4   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 8   |                    |          |
|      |   |                         | UL Max TFS  | 8   |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Yes   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 14.1 | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.3.4.1.14 | DL Max TB bits  | 1280  | pc_RAB_A_18k1_14_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TrCHs  | 4   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 4   |                    |          |
|      |   |                         | DL Max TFS  | 16  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 1280  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TrCHs  | 4   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 4   |                    |          |
|      |   |                         | UL Max TFS  | 8   |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Yes   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 14.2 | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.10.3.4.1.14 | DL Max TB bits  | 2560  | pc_RAB_A_18k1_14_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 1280  |                    |          |
|      |   |                         | DL Max TrCHs  | 4   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 4   |                    |          |
|      |   |                         | DL Max TFS  | 16  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 2560  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                    |          |
|      |   |                         | UL Max TrCHs  | 4   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 4   |                    |          |
|      |   |                         | UL Max TFS  | 8   |                    |          |



| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH       | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|---|--|-------------------------|---|---|------------------|----------|
|   |  |                         | Parameter   | Value   |                  |          |
|   |  |                         | UL Max TF   | 32  |                  |          |
|   |  |                         | UL TC   | Yes   |                  |          |
|   |  |                         | Other required UE radio access capability                     | None  |                  |          |
| 15  | Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.15 | DL Max TB bits  | 1280  | pc_RAB_A_18k1_15 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                  |          |
|   |  |                         | DL Max TC TB bits   | 640   |                  |          |
|   |  |                         | DL Max TrCHs  | 4   |                  |          |
|   |  |                         | DL Max CCTrCH   | 1   |                  |          |
|   |  |                         | DL Max TTI TB   | 4   |                  |          |
|   |  |                         | DL Max TFS  | 16  |                  |          |
|   |  |                         | DL Max TF   | 32  |                  |          |
|   |  |                         | DL TC   | Yes   |                  |          |
|   |  |                         | UL Max TB bits  | 1280  |                  |          |
|   |  |                         | UL Max CC TB bits   | 640   |                  |          |
|   |  |                         | UL Max TC TB bits   | 640   |                  |          |
|   |  |                         | UL Max TrCHs  | 2   |                  |          |
|   |  |                         | UL Max CCTrCH   | 1   |                  |          |
|   |  |                         | UL Max TTI TB   | 2   |                  |          |
|   |  |                         | UL Max TFS  | 4   |                  |          |
|   |  |                         | UL Max TF   | 32  |                  |          |
| UL TC                                     | Yes  |                         |   |   |                  |          |
| Other required UE radio access capability | None   |                         |   |   |                  |          |
| 16  | Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.16 | DL Max TB bits  | 2560  | pc_RAB_A_18k1_16 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                  |          |
|   |  |                         | DL Max TC TB bits   | 1280  |                  |          |
|   |  |                         | DL Max TrCHs  | 4   |                  |          |
|   |  |                         | DL Max CCTrCH   | 1   |                  |          |
|   |  |                         | DL Max TTI TB   | 4   |                  |          |
|   |  |                         | DL Max TFS  | 16  |                  |          |
|   |  |                         | DL Max TF   | 32  |                  |          |
|   |  |                         | DL TC   | Yes   |                  |          |
|   |  |                         | UL Max TB bits  | 2560  |                  |          |
|   |  |                         | UL Max CC TB bits   | 640   |                  |          |
|   |  |                         | UL Max TC TB bits   | 1280  |                  |          |
|   |  |                         | UL Max TrCHs  | 4   |                  |          |
|   |  |                         | UL Max CCTrCH   | 1   |                  |          |
|   |  |                         | UL Max TTI TB   | 4   |                  |          |
|   |  |                         | UL Max TFS  | 8   |                  |          |
|   |  |                         | UL Max TF   | 32  |                  |          |
| UL TC                                     | Yes  |                         |   |   |                  |          |
| Other required UE radio access capability | None   |                         |   |   |                  |          |
| 17  | Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.17 | DL Max TB bits  | 2560  | pc_RAB_A_18k1_17 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                  |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|------|---|-------------------------|---|---|------------------|----------|
|      |   |                         | Parameter   | Value   |                  |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                  |          |
|      |   |                         | DL Max TrCHs  | 4   |                  |          |
|      |   |                         | DL Max CCTrCH   | 1   |                  |          |
|      |   |                         | DL Max TTI TB   | 8   |                  |          |
|      |   |                         | DL Max TFS  | 16  |                  |          |
|      |   |                         | DL Max TF   | 32  |                  |          |
|      |   |                         | DL TC   | Yes   |                  |          |
|      |   |                         | UL Max TB bits  | 2560  |                  |          |
|      |   |                         | UL Max CC TB bits   | 640   |                  |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                  |          |
|      |   |                         | UL Max TrCHs  | 4   |                  |          |
|      |   |                         | UL Max CCTrCH   | 1   |                  |          |
|      |   |                         | UL Max TTI TB   | 8   |                  |          |
|      |   |                         | UL Max TFS  | 16  |                  |          |
|      |   |                         | UL Max TF   | 32  |                  |          |
|      |   |                         | UL TC   | Yes   |                  |          |
|      |   |                         | Other required UE radio access capability                     | None  |                  |          |
| 18   | Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note | 34.108<br>6.10.3.4.1.18 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_18 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                  |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                  |          |
|      |   |                         | DL Max TrCHs  | 4   |                  |          |
|      |   |                         | DL Max CCTrCH   | 1   |                  |          |
|      |   |                         | DL Max TTI TB   | 16  |                  |          |
|      |   |                         | DL Max TFS  | 16  |                  |          |
|      |   |                         | DL Max TF   | 32  |                  |          |
|      |   |                         | DL TC   | Yes   |                  |          |
|      |   |                         | UL Max TB bits  | 1280  |                  |          |
|      |   |                         | UL Max CC TB bits   | 640   |                  |          |
|      |   |                         | UL Max TC TB bits   | 640   |                  |          |
|      |   |                         | UL Max TrCHs  | 2   |                  |          |
|      |   |                         | UL Max CCTrCH   | 1   |                  |          |
|      |   |                         | UL Max TTI TB   | 2   |                  |          |
|      |   |                         | UL Max TFS  | 4   |                  |          |
|      |   |                         | UL Max TF   | 32  |                  |          |
|      |   |                         | UL TC   | Yes   |                  |          |
|      |   |                         | Other required UE radio access capability                     | None  |                  |          |
| 19   | Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note | 34.108<br>6.10.3.4.1.19 | DL Max TB bits  | 1280  | pc_RAB_A_18k1_19 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                  |          |
|      |   |                         | DL Max TC TB bits   | 640   |                  |          |
|      |   |                         | DL Max TrCHs  | 4   |                  |          |
|      |   |                         | DL Max CCTrCH   | 1   |                  |          |
|      |   |                         | DL Max TTI TB   | 4   |                  |          |
|      |   |                         | DL Max TFS  | 16  |                  |          |
|      |   |                         | DL Max TF   | 32  |                  |          |
|      |   |                         | DL TC   | Yes   |                  |          |
|      |   |                         | UL Max TB bits  | 3840  |                  |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                    | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic            | Comments |
|---|---|--------------------------|---|---|---------------------|----------|
|   |   |                          | Parameter   | Value   |                     |          |
|   |   |                          | UL Max CC TB bits   | 640   |                     |          |
|   |   |                          | UL Max TC TB bits   | 2560  |                     |          |
|   |   |                          | UL Max TrCHs  | 2   |                     |          |
|   |   |                          | UL Max CCTrCH   | 1   |                     |          |
|   |   |                          | UL Max TTI TB   | 16  |                     |          |
|   |   |                          | UL Max TFS  | 16  |                     |          |
|   |   |                          | UL Max TF   | 32  |                     |          |
|   |   |                          | UL TC   | Yes   |                     |          |
|   |   |                          | Other required UE radio access capability                     | None  |                     |          |
| 20  | Void  |                          |   |   |                     |          |
| 21  | Void  |                          |   |   |                     |          |
| 22  | Void  |                          |   |   |                     |          |
| 23  | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | 34.108<br>6.10.3.4.1.23  | DL Max TB bits  | 640   | pc_RAB_A_18k1_23    |          |
|   |   |                          | DL Max CC TB bits   | 640   |                     |          |
|   |   |                          | DL Max TC TB bits   | 640   |                     |          |
|   |   |                          | DL Max TrCHs  | 4   |                     |          |
|   |   |                          | DL Max CCTrCH   | 1   |                     |          |
|   |   |                          | DL Max TTI TB   | 4   |                     |          |
|   |   |                          | DL Max TFS  | 16  |                     |          |
|   |   |                          | DL Max TF   | 32  |                     |          |
|   |   |                          | DL TC   | Yes   |                     |          |
|   |   |                          | UL Max TB bits  | 1280  |                     |          |
|   |   |                          | UL Max CC TB bits   | 640   |                     |          |
|   |   |                          | UL Max TC TB bits   | 1280  |                     |          |
|   |   |                          | UL Max TrCHs  | 2   |                     |          |
|   |   |                          | UL Max CCTrCH   | 1   |                     |          |
|   |   |                          | UL Max TTI TB   | 4   |                     |          |
|   |   |                          | UL Max TFS  | 8   |                     |          |
| UL Max TF                                 | 32  |                          |   |   |                     |          |
| UL TC                                     | Yes   |                          |   |   |                     |          |
| Other required UE radio access capability | None  |                          |   |   |                     |          |
| 23a.1                                     | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (40ms TTI) | 34.108<br>6.10.3.4.1.23a | DL Max TB bits  | 640   | pc_RAB_A_18k1_23a_1 |          |
|   |   |                          | DL Max CC TB bits   | 640   |                     |          |
|   |   |                          | DL Max TC TB bits   | N/A   |                     |          |
|   |   |                          | DL Max TrCHs  | 4   |                     |          |
|   |   |                          | DL Max CCTrCH   | 1   |                     |          |
|   |   |                          | DL Max TTI TB   | 4   |                     |          |
|   |   |                          | DL Max TFS  | 16  |                     |          |
|   |   |                          | DL Max TF   | 32  |                     |          |
|   |   |                          | DL TC   | N/A   |                     |          |
|   |   |                          | UL Max TB bits  | 640   |                     |          |
|   |   |                          | UL Max CC TB bits   | 640   |                     |          |
|   |   |                          | UL Max TC TB bits   | N/A   |                     |          |
|   |   |                          | UL Max TrCHs  | 2   |                     |          |
|   |   |                          | UL Max CCTrCH   | 1   |                     |          |
|   |   |                          | UL Max TTI TB   | 4   |                     |          |

| Item  | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                    | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic               | Comments |
|-------|---|--------------------------|---|---|------------------------|----------|
|       |   |                          | Parameter   | Value   |                        |          |
|       |   |                          | UL Max TFS  | 4   |                        |          |
|       |   |                          | UL Max TF   | 32  |                        |          |
|       |   |                          | UL TC   | N/A   |                        |          |
|       |   |                          | Other required UE radio access capability                     | None  |                        |          |
| 23a.2 | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (80ms TTI) | 34.108<br>6.10.3.4.1.23a | DL Max TB bits  | 640   | pc_RAB_A_18k1_23a<br>2 |          |
|       |   |                          | DL Max CC TB bits   | 640   |                        |          |
|       |   |                          | DL Max TC TB bits   | 640   |                        |          |
|       |   |                          | DL Max TrCHs  | 4   |                        |          |
|       |   |                          | DL Max CCTrCH   | 1   |                        |          |
|       |   |                          | DL Max TTI TB   | 4   |                        |          |
|       |   |                          | DL Max TFS  | 16  |                        |          |
|       |   |                          | DL Max TF   | 32  |                        |          |
|       |   |                          | DL TC   | Yes   |                        |          |
|       |   |                          | UL Max TB bits  | 640   |                        |          |
|       |   |                          | UL Max CC TB bits   | 640   |                        |          |
|       |   |                          | UL Max TC TB bits   | 640   |                        |          |
|       |   |                          | UL Max TrCHs  | 2   |                        |          |
|       |   |                          | UL Max CCTrCH   | 1   |                        |          |
|       |   |                          | UL Max TTI TB   | 2   |                        |          |
|       |   |                          | UL Max TFS  | 4   |                        |          |
|       |   |                          | UL Max TF   | 32  |                        |          |
|       |   |                          | UL TC   | Yes   |                        |          |
|       |   |                          | Other required UE radio access capability                     | None  |                        |          |
| 23b   | Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.           | 34.108<br>6.10.3.4.1.23b | DL Max TB bits  | 1280  | pc_RAB_A_18k1_23b      |          |
|       |   |                          | DL Max CC TB bits   | 640   |                        |          |
|       |   |                          | DL Max TC TB bits   | 1280  |                        |          |
|       |   |                          | DL Max TrCHs  | 4   |                        |          |
|       |   |                          | DL Max CCTrCH   | 1   |                        |          |
|       |   |                          | DL Max TTI TB   | 4   |                        |          |
|       |   |                          | DL Max TFS  | 16  |                        |          |
|       |   |                          | DL Max TF   | 32  |                        |          |
|       |   |                          | DL TC   | Yes   |                        |          |
|       |   |                          | UL Max TB bits  | 1280  |                        |          |
|       |   |                          | UL Max CC TB bits   | 640   |                        |          |
|       |   |                          | UL Max TC TB bits   | 1280  |                        |          |
|       |   |                          | UL Max TrCHs  | 2   |                        |          |
|       |   |                          | UL Max CCTrCH   | 1   |                        |          |
|       |   |                          | UL Max TTI TB   | 4   |                        |          |
|       |   |                          | UL Max TFS  | 8   |                        |          |
|       |   |                          | UL Max TF   | 32  |                        |          |
|       |   |                          | UL TC   | Yes   |                        |          |
|       |   |                          | Other required UE radio access capability                     | None  |                        |          |
| 23c   | Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.           | 34.108<br>6.10.3.4.1.23c | Same as for item 26   |   | pc_RAB_A_18k1_23c      |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                      | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|--------------------------|---|---|-------------------|----------|
|   |   |                          | Parameter   | Value   |                   |          |
| 23d                                       | Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.10.3.4.1.23d | Same as for item 23b  |   | pc_RAB_A_18k1_23d |          |
| 25  | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | 34.108<br>6.10.3.4.1.25  | DL Max TB bits  | 2560  | pc_RAB_A_18k1_25  |          |
|   |   |                          | DL Max CC TB bits   | 640   |                   |          |
|   |   |                          | DL Max TC TB bits   | 2560  |                   |          |
|   |   |                          | DL Max TrCHs  | 4   |                   |          |
|   |   |                          | DL Max CCTrCH   | 1   |                   |          |
|   |   |                          | DL Max TTI TB   | 8   |                   |          |
|   |   |                          | DL Max TFS  | 16  |                   |          |
|   |   |                          | DL Max TF   | 32  |                   |          |
|   |   |                          | DL TC   | Yes   |                   |          |
|   |   |                          | UL Max TB bits  | 1280  |                   |          |
|   |   |                          | UL Max CC TB bits   | 640   |                   |          |
|   |   |                          | UL Max TC TB bits   | 1280  |                   |          |
|   |   |                          | UL Max TrCHs  | 2   |                   |          |
|   |   |                          | UL Max CCTrCH   | 1   |                   |          |
|   |   |                          | UL Max TTI TB   | 4   |                   |          |
|   |   |                          | UL Max TFS  | 8   |                   |          |
|   |   |                          | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                          |   |   |                   |          |
| Other required UE radio access capability | None  |                          |   |   |                   |          |
| 26  | Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | 34.108<br>6.10.3.4.1.26  | DL Max TB bits  | 2560  | pc_RAB_A_18k1_26  |          |
|   |   |                          | DL Max CC TB bits   | 640   |                   |          |
|   |   |                          | DL Max TC TB bits   | 2560  |                   |          |
|   |   |                          | DL Max TrCHs  | 4   |                   |          |
|   |   |                          | DL Max CCTrCH   | 1   |                   |          |
|   |   |                          | DL Max TTI TB   | 8   |                   |          |
|   |   |                          | DL Max TFS  | 16  |                   |          |
|   |   |                          | DL Max TF   | 32  |                   |          |
|   |   |                          | DL TC   | Yes   |                   |          |
|   |   |                          | UL Max TB bits  | 2560  |                   |          |
|   |   |                          | UL Max CC TB bits   | 640   |                   |          |
|   |   |                          | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                          | UL Max TrCHs  | 2   |                   |          |
|   |   |                          | UL Max CCTrCH   | 1   |                   |          |
|   |   |                          | UL Max TTI TB   | 8   |                   |          |
|   |   |                          | UL Max TFS  | 16  |                   |          |
|   |   |                          | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                          |   |   |                   |          |
| Other required UE radio access capability | None  |                          |   |   |                   |          |
| 27  | Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | 34.108<br>6.10.3.4.1.27  | DL Max TB bits  | 3840  | pc_RAB_A_18k1_27  |          |
|   |   |                          | DL Max CC TB bits   | 640   |                   |          |
|   |   |                          | DL Max TC TB bits   | 3840  |                   |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH           | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|------|--|--------------------------|---|---|------------------|----------|
|      |  |                          | Parameter   | Value   |                  |          |
|      |  |                          | DL Max TrCHs  | 4   |                  |          |
|      |  |                          | DL Max CCTrCH   | 1   |                  |          |
|      |  |                          | DL Max TTI TB   | 16  |                  |          |
|      |  |                          | DL Max TFS  | 16  |                  |          |
|      |  |                          | DL Max TF   | 32  |                  |          |
|      |  |                          | DL TC   | Yes   |                  |          |
|      |  |                          | UL Max TB bits  | 2560  |                  |          |
|      |  |                          | UL Max CC TB bits   | 640   |                  |          |
|      |  |                          | UL Max TC TB bits   | 2560  |                  |          |
|      |  |                          | UL Max TrCHs  | 2   |                  |          |
|      |  |                          | UL Max CCTrCH   | 1   |                  |          |
|      |  |                          | UL Max TTI TB   | 8   |                  |          |
|      |  |                          | UL Max TFS  | 16  |                  |          |
|      |  |                          | UL Max TF   | 32  |                  |          |
|      |  |                          | UL TC   | Yes   |                  |          |
|      |  |                          | Other required UE radio access capability                     | None  |                  |          |
| 28   | Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3..4.1.28 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_28 |          |
|      |  |                          | DL Max CC TB bits   | 640   |                  |          |
|      |  |                          | DL Max TC TB bits   | 3840  |                  |          |
|      |  |                          | DL Max TrCHs  | 4   |                  |          |
|      |  |                          | DL Max CCTrCH   | 1   |                  |          |
|      |  |                          | DL Max TTI TB   | 16  |                  |          |
|      |  |                          | DL Max TFS  | 16  |                  |          |
|      |  |                          | DL Max TF   | 32  |                  |          |
|      |  |                          | DL TC   | Yes   |                  |          |
|      |  |                          | UL Max TB bits  | 3840  |                  |          |
|      |  |                          | UL Max CC TB bits   | 640   |                  |          |
|      |  |                          | UL Max TC TB bits   | 3840  |                  |          |
|      |  |                          | UL Max TrCHs  | 2   |                  |          |
|      |  |                          | UL Max CCTrCH   | 1   |                  |          |
|      |  |                          | UL Max TTI TB   | 16  |                  |          |
|      |  |                          | UL Max TFS  | 16  |                  |          |
|      |  |                          | UL Max TF   | 32  |                  |          |
|      |  |                          | UL TC   | Yes   |                  |          |
|      |  |                          | Other required UE radio access capability                     | None  |                  |          |
| 29   | Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.29  | DL Max TB bits  | 3840  | pc_RAB_A_18k1_29 |          |
|      |  |                          | DL Max CC TB bits   | 640   |                  |          |
|      |  |                          | DL Max TC TB bits   | 3840  |                  |          |
|      |  |                          | DL Max TrCHs  | 4   |                  |          |
|      |  |                          | DL Max CCTrCH   | 1   |                  |          |
|      |  |                          | DL Max TTI TB   | 16  |                  |          |
|      |  |                          | DL Max TFS  | 16  |                  |          |
|      |  |                          | DL Max TF   | 32  |                  |          |
|      |  |                          | DL TC   | Yes   |                  |          |
|      |  |                          | UL Max TB bits  | 2560  |                  |          |
|      |  |                          | UL Max CC TB bits   | 640   |                  |          |
|      |  |                          | UL Max TC TB bits   | 2560  |                  |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                         | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|------|--|-------------------------|---|---|--------------------|----------|
|      |  |                         | Parameter   | Value   |                    |          |
|      |  |                         | UL Max TrCHs  | 2   |                    |          |
|      |  |                         | UL Max CCTrCH   | 1   |                    |          |
|      |  |                         | UL Max TTI TB   | 8   |                    |          |
|      |  |                         | UL Max TFS  | 16  |                    |          |
|      |  |                         | UL Max TF   | 32  |                    |          |
|      |  |                         | UL TC   | Yes   |                    |          |
|      |  |                         | Other required UE radio access capability                     | None  |                    |          |
| 30.1 | Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (20ms TTI) | 34.108<br>6.10.3.4.1.30 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_30_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                    |          |
|      |  |                         | DL Max TC TB bits   | 3840  |                    |          |
|      |  |                         | DL Max TrCHs  | 4   |                    |          |
|      |  |                         | DL Max CCTrCH   | 1   |                    |          |
|      |  |                         | DL Max TTI TB   | 16  |                    |          |
|      |  |                         | DL Max TFS  | 16  |                    |          |
|      |  |                         | DL Max TF   | 32  |                    |          |
|      |  |                         | DL TC   | Yes   |                    |          |
|      |  |                         | UL Max TB bits  | 3840  |                    |          |
|      |  |                         | UL Max CC TB bits   | 640   |                    |          |
|      |  |                         | UL Max TC TB bits   | 3840  |                    |          |
|      |  |                         | UL Max TrCHs  | 2   |                    |          |
|      |  |                         | UL Max CCTrCH   | 1   |                    |          |
|      |  |                         | UL Max TTI TB   | 16  |                    |          |
|      |  |                         | UL Max TFS  | 16  |                    |          |
|      |  |                         | UL Max TF   | 32  |                    |          |
|      |  |                         | UL TC   | Yes   |                    |          |
|      |  |                         | Other required UE radio access capability                     | None  |                    |          |
| 30.2 | Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (40ms TTI) | 34.108<br>6.10.3.4.1.30 | DL Max TB bits  | 7680  | pc_RAB_A_18k1_30_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                    |          |
|      |  |                         | DL Max TC TB bits   | 7680  |                    |          |
|      |  |                         | DL Max TrCHs  | 4   |                    |          |
|      |  |                         | DL Max CCTrCH   | 1   |                    |          |
|      |  |                         | DL Max TTI TB   | 48  |                    |          |
|      |  |                         | DL Max TFS  | 16  |                    |          |
|      |  |                         | DL Max TF   | 32  |                    |          |
|      |  |                         | DL TC   | Yes   |                    |          |
|      |  |                         | UL Max TB bits  | 3840  |                    |          |
|      |  |                         | UL Max CC TB bits   | 640   |                    |          |
|      |  |                         | UL Max TC TB bits   | 3840  |                    |          |
|      |  |                         | UL Max TrCHs  | 2   |                    |          |
|      |  |                         | UL Max CCTrCH   | 1   |                    |          |
|      |  |                         | UL Max TTI TB   | 16  |                    |          |
|      |  |                         | UL Max TFS  | 16  |                    |          |
|      |  |                         | UL Max TF   | 32  |                    |          |
|      |  |                         | UL TC   | Yes   |                    |          |
|      |  |                         | Other required UE radio access capability                     | None  |                    |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                       | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|------|--|-------------------------|---|---|--------------------|----------|
|      |  |                         | Parameter   | Value   |                    |          |
| 31.1 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI  | 34.108<br>6.10.3.4.1.31 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_31_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                    |          |
|      |  |                         | DL Max TC TB bits   | 3840  |                    |          |
|      |  |                         | DL Max TrCHs  | 4   |                    |          |
|      |  |                         | DL Max CCTrCH   | 1   |                    |          |
|      |  |                         | DL Max TTI TB   | 16  |                    |          |
|      |  |                         | DL Max TFS  | 16  |                    |          |
|      |  |                         | DL Max TF   | 32  |                    |          |
|      |  |                         | DL TC   | Yes   |                    |          |
|      |  |                         | UL Max TB bits  | 2560  |                    |          |
|      |  |                         | UL Max CC TB bits   | 640   |                    |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |  |                         | UL Max TrCHs  | 2   |                    |          |
|      |  |                         | UL Max CCTrCH   | 1   |                    |          |
|      |  |                         | UL Max TTI TB   | 8   |                    |          |
|      |  |                         | UL Max TFS  | 16  |                    |          |
|      |  |                         | UL Max TF   | 32  |                    |          |
|      |  |                         | UL TC   | Yes   |                    |          |
|      |  |                         | Other required UE radio access capability                     | None  |                    |          |
| 31.2 | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI  | 34.108<br>6.10.3.4.1.31 | DL Max TB bits  | 6400  | pc_RAB_A_18k1_31_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                    |          |
|      |  |                         | DL Max TC TB bits   | 6400  |                    |          |
|      |  |                         | DL Max TrCHs  | 4   |                    |          |
|      |  |                         | DL Max CCTrCH   | 1   |                    |          |
|      |  |                         | DL Max TTI TB   | 32  |                    |          |
|      |  |                         | DL Max TFS  | 16  |                    |          |
|      |  |                         | DL Max TF   | 32  |                    |          |
|      |  |                         | DL TC   | Yes   |                    |          |
|      |  |                         | UL Max TB bits  | 2560  |                    |          |
|      |  |                         | UL Max CC TB bits   | 640   |                    |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |  |                         | UL Max TrCHs  | 2   |                    |          |
|      |  |                         | UL Max CCTrCH   | 1   |                    |          |
|      |  |                         | UL Max TTI TB   | 8   |                    |          |
|      |  |                         | UL Max TFS  | 16  |                    |          |
|      |  |                         | UL Max TF   | 32  |                    |          |
|      |  |                         | UL TC   | Yes   |                    |          |
|      |  |                         | Other required UE radio access capability                     | None  |                    |          |
| 32.1 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.3.4.1.32 | DL Max TB bits  | 5120  | pc_RAB_A_18k1_32_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                    |          |
|      |  |                         | DL Max TC TB bits   | 5120  |                    |          |
|      |  |                         | DL Max TrCHs  | 4   |                    |          |
|      |  |                         | DL Max CCTrCH   | 1   |                    |          |
|      |  |                         | DL Max TTI TB   | 16  |                    |          |
|      |  |                         | DL Max TFS  | 16  |                    |          |



| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                       | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|------|--|-------------------------|---|---|--------------------|----------|
|      |  |                         | Parameter   | Value   |                    |          |
|      |  |                         | DL Max TF   | 32  |                    |          |
|      |  |                         | DL TC   | Yes   |                    |          |
|      |  |                         | UL Max TB bits  | 2560  |                    |          |
|      |  |                         | UL Max CC TB bits   | 640   |                    |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |  |                         | UL Max TrCHs  | 2   |                    |          |
|      |  |                         | UL Max CCTrCH   | 1   |                    |          |
|      |  |                         | UL Max TTI TB   | 8   |                    |          |
|      |  |                         | UL Max TFS  | 16  |                    |          |
|      |  |                         | UL Max TF   | 32  |                    |          |
|      |  |                         | UL TC   | Yes   |                    |          |
|      |  |                         | Other required UE radio access capability                     | None  |                    |          |
| 32.2 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.3.4.1.32 | DL Max TB bits  | 8960  | pc_RAB_A_18k1_32_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                    |          |
|      |  |                         | DL Max TC TB bits   | 8960  |                    |          |
|      |  |                         | DL Max TrCHs  | 4   |                    |          |
|      |  |                         | DL Max CCTrCH   | 1   |                    |          |
|      |  |                         | DL Max TTI TB   | 32  |                    |          |
|      |  |                         | DL Max TFS  | 32  |                    |          |
|      |  |                         | DL Max TF   | 32  |                    |          |
|      |  |                         | DL TC   | Yes   |                    |          |
|      |  |                         | UL Max TB bits  | 2560  |                    |          |
|      |  |                         | UL Max CC TB bits   | 640   |                    |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |  |                         | UL Max TrCHs  | 2   |                    |          |
|      |  |                         | UL Max CCTrCH   | 1   |                    |          |
|      |  |                         | UL Max TTI TB   | 8   |                    |          |
|      |  |                         | UL Max TFS  | 16  |                    |          |
|      |  |                         | UL Max TF   | 32  |                    |          |
|      |  |                         | UL TC   | Yes   |                    |          |
|      |  |                         | Other required UE radio access capability                     | None  |                    |          |
| 33.1 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.3.4.1.33 | DL Max TB bits  | 5120  | pc_RAB_A_18k1_33_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                    |          |
|      |  |                         | DL Max TC TB bits   | 5120  |                    |          |
|      |  |                         | DL Max TrCHs  | 4   |                    |          |
|      |  |                         | DL Max CCTrCH   | 1   |                    |          |
|      |  |                         | DL Max TTI TB   | 16  |                    |          |
|      |  |                         | DL Max TFS  | 16  |                    |          |
|      |  |                         | DL Max TF   | 32  |                    |          |
|      |  |                         | DL TC   | Yes   |                    |          |
|      |  |                         | UL Max TB bits  | 3840  |                    |          |
|      |  |                         | UL Max CC TB bits   | 640   |                    |          |
|      |  |                         | UL Max TC TB bits   | 3840  |                    |          |
|      |  |                         | UL Max TrCHs  | 2   |                    |          |
|      |  |                         | UL Max CCTrCH   | 1   |                    |          |
|      |  |                         | UL Max TTI TB   | 16  |                    |          |
|      |  |                         | UL Max TFS  | 16  |                    |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                       | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|---|--|-------------------------|---|---|--------------------|----------|
|   |  |                         | Parameter   | Value   |                    |          |
|   |  |                         | UL Max TF   | 32  |                    |          |
|   |  |                         | UL TC   | Yes   |                    |          |
|   |  |                         | Other required UE radio access capability                     | None  |                    |          |
| 33.2                                      | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.3.4.1.33 | DL Max TB bits  | 8960  | pc_RAB_A_18k1_33_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                    |          |
|   |  |                         | DL Max TC TB bits   | 8960  |                    |          |
|   |  |                         | DL Max TrCHs  | 4   |                    |          |
|   |  |                         | DL Max CCTrCH   | 1   |                    |          |
|   |  |                         | DL Max TTI TB   | 32  |                    |          |
|   |  |                         | DL Max TFS  | 32  |                    |          |
|   |  |                         | DL Max TF   | 32  |                    |          |
|   |  |                         | DL TC   | Yes   |                    |          |
|   |  |                         | UL Max TB bits  | 3840  |                    |          |
|   |  |                         | UL Max CC TB bits   | 640   |                    |          |
|   |  |                         | UL Max TC TB bits   | 3840  |                    |          |
|   |  |                         | UL Max TrCHs  | 2   |                    |          |
|   |  |                         | UL Max CCTrCH   | 1   |                    |          |
|   |  |                         | UL Max TTI TB   | 16  |                    |          |
|   |  |                         | UL Max TFS  | 16  |                    |          |
|   |  |                         | UL Max TF   | 32  |                    |          |
| UL TC                                     | Yes  |                         |   |   |                    |          |
| Other required UE radio access capability | None   |                         |   |   |                    |          |
| 34.1                                      | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.3.4.1.34 | DL Max TB bits  | 5120  | pc_RAB_A_18k1_34_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                    |          |
|   |  |                         | DL Max TC TB bits   | 5120  |                    |          |
|   |  |                         | DL Max TrCHs  | 4   |                    |          |
|   |  |                         | DL Max CCTrCH   | 1   |                    |          |
|   |  |                         | DL Max TTI TB   | 16  |                    |          |
|   |  |                         | DL Max TFS  | 16  |                    |          |
|   |  |                         | DL Max TF   | 32  |                    |          |
|   |  |                         | DL TC   | Yes   |                    |          |
|   |  |                         | UL Max TB bits  | 5120  |                    |          |
|   |  |                         | UL Max CC TB bits   | 640   |                    |          |
|   |  |                         | UL Max TC TB bits   | 5120  |                    |          |
|   |  |                         | UL Max TrCHs  | 2   |                    |          |
|   |  |                         | UL Max CCTrCH   | 1   |                    |          |
|   |  |                         | UL Max TTI TB   | 16  |                    |          |
|   |  |                         | UL Max TFS  | 16  |                    |          |
|   |  |                         | UL Max TF   | 32  |                    |          |
| UL TC                                     | Yes  |                         |   |   |                    |          |
| Other required UE radio access capability | None   |                         |   |   |                    |          |
| 34.2                                      | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.3.4.1.34 | DL Max TB bits  | 8960  | pc_RAB_A_18k1_34_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                    |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH                       | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|---|--|-------------------------|---|---|--------------------|----------|
|   |  |                         | Parameter   | Value   |                    |          |
|   |  |                         | DL Max TC TB bits   | 8960  |                    |          |
|   |  |                         | DL Max TrCHs  | 4   |                    |          |
|   |  |                         | DL Max CCTrCH   | 1   |                    |          |
|   |  |                         | DL Max TTI TB   | 32  |                    |          |
|   |  |                         | DL Max TFS  | 32  |                    |          |
|   |  |                         | DL Max TF   | 32  |                    |          |
|   |  |                         | DL TC   | Yes   |                    |          |
|   |  |                         | UL Max TB bits  | 8960  |                    |          |
|   |  |                         | UL Max CC TB bits   | 640   |                    |          |
|   |  |                         | UL Max TC TB bits   | 8960  |                    |          |
|   |  |                         | UL Max TrCHs  | 2   |                    |          |
|   |  |                         | UL Max CCTrCH   | 1   |                    |          |
|   |  |                         | UL Max TTI TB   | 32  |                    |          |
|   |  |                         | UL Max TFS  | 32  |                    |          |
|   |  |                         | UL Max TF   | 32  |                    |          |
|   |  |                         | UL TC   | Yes   |                    |          |
|   |  |                         | Other required UE radio access capability                     | None  |                    |          |
| 35.1                                      | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.3.4.1.35 | DL Max TB bits  | 40960   | pc_RAB_A_18k1_35_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                    |          |
|   |  |                         | DL Max TC TB bits   | 40960   |                    |          |
|   |  |                         | DL Max TrCHs  | 4   |                    |          |
|   |  |                         | DL Max CCTrCH   | 1   |                    |          |
|   |  |                         | DL Max TTI TB   | 64  |                    |          |
|   |  |                         | DL Max TFS  | 32  |                    |          |
|   |  |                         | DL Max TF   | 32  |                    |          |
|   |  |                         | DL TC   | Yes   |                    |          |
|   |  |                         | UL Max TB bits  | 2560  |                    |          |
|   |  |                         | UL Max CC TB bits   | 640   |                    |          |
|   |  |                         | UL Max TC TB bits   | 2560  |                    |          |
|   |  |                         | UL Max TrCHs  | 2   |                    |          |
|   |  |                         | UL Max CCTrCH   | 1   |                    |          |
|   |  |                         | UL Max TTI TB   | 8   |                    |          |
|   |  |                         | UL Max TFS  | 16  |                    |          |
|   |  |                         | UL Max TF   | 32  |                    |          |
| UL TC                                     | Yes  |                         |   |   |                    |          |
| Other required UE radio access capability | None   |                         |   |   |                    |          |
| 35.2                                      | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.3.4.1.35 | DL Max TB bits  | 81920   | pc_RAB_A_18k1_35_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                    |          |
|   |  |                         | DL Max TC TB bits   | 81920   |                    |          |
|   |  |                         | DL Max TrCHs  | 4   |                    |          |
|   |  |                         | DL Max CCTrCH   | 1   |                    |          |
|   |  |                         | DL Max TTI TB   | 96  |                    |          |
|   |  |                         | DL Max TFS  | 64  |                    |          |
|   |  |                         | DL Max TF   | 32  |                    |          |
|   |  |                         | DL TC   | Yes   |                    |          |
|   |  |                         | UL Max TB bits  | 2560  |                    |          |
|   |  |                         | UL Max CC TB bits   | 640   |                    |          |

| Item              | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)   | Mnemonic         | Comments |
|-------------------|---|-------------------------|---|---|------------------|----------|
|                   |   |                         | Parameter   | Value   |                  |          |
|                   |   |                         | UL Max TC TB bits   | 2560  |                  |          |
|                   |   |                         | UL Max TrCHs  | 2   |                  |          |
|                   |   |                         | UL Max CCTrCH   | 1   |                  |          |
|                   |   |                         | UL Max TTI TB   | 8   |                  |          |
|                   |   |                         | UL Max TFS  | 16  |                  |          |
|                   |   |                         | UL Max TF   | 32  |                  |          |
|                   |   |                         | UL TC   | Yes   |                  |          |
|                   |   |                         | Other required UE radio access capability                     | None  |                  |          |
| 38                | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.38 | DL Max TB bits  | 1280  | pc_RAB_A_18k1_38 |          |
|                   |   |                         | DL Max CC TB bits   | 640   |                  |          |
|                   |   |                         | DL Max TC TB bits   | 640   |                  |          |
|                   |   |                         | DL Max TrCHs  | 8   |                  |          |
|                   |   |                         | DL Max CCTrCH   | 1   |                  |          |
|                   |   |                         | DL Max TTI TB   | 8   |                  |          |
|                   |   |                         | DL Max TFS  | 16  |                  |          |
|                   |   |                         | DL Max TF   | 32  |                  |          |
|                   |   |                         | DL TC   | Yes   |                  |          |
|                   |   |                         | UL Max TB bits  | 1280  |                  |          |
|                   |   |                         | UL Max CC TB bits   | 640   |                  |          |
|                   |   |                         | UL Max TC TB bits   | 1280  |                  |          |
|                   |   |                         | UL Max TrCHs  | 8   |                  |          |
|                   |   |                         | UL Max CCTrCH   | 1   |                  |          |
|                   |   |                         | UL Max TTI TB   | 8   |                  |          |
|                   |   |                         | UL Max TFS  | 16  |                  |          |
|                   |   |                         | UL Max TF   | 32  |                  |          |
|                   |   |                         | UL TC   | Yes   |                  |          |
|                   |   |                         | Other required UE radio access capability                     | None  |                  |          |
|                   |   |                         | 38a   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. |                  |          |
| DL Max CC TB bits | 640   |                         |   |   |                  |          |
| DL Max TC TB bits | N/A   |                         |   |   |                  |          |
| DL Max TrCHs      | 8   |                         |   |   |                  |          |
| DL Max CCTrCH     | 1   |                         |   |   |                  |          |
| DL Max TTI TB     | 4   |                         |   |   |                  |          |
| DL Max TFS        | 16  |                         |   |   |                  |          |
| DL Max TF         | 32  |                         |   |   |                  |          |
| DL TC             | N/A   |                         |   |   |                  |          |
| UL Max TB bits    | 640   |                         |   |   |                  |          |
| UL Max CC TB bits | 640   |                         |   |   |                  |          |
| UL Max TC TB bits | N/A   |                         |   |   |                  |          |
| UL Max TrCHs      | 8   |                         |   |   |                  |          |
| UL Max CCTrCH     | 1   |                         |   |   |                  |          |
| UL Max TTI TB     | 4   |                         |   |   |                  |          |
| UL Max TFS        | 8   |                         |   |   |                  |          |
| UL Max TF         | 32  |                         |   |   |                  |          |

| Item              | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|-------------------|--|--------------------------|---|---|-------------------|----------|
|                   |  |                          | Parameter   | Value   |                   |          |
|                   |  |                          | UL TC   | N/A   |                   |          |
|                   |  |                          | Other required UE radio access capability                     | None  |                   |          |
| 38b               | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.10.3.4.1.38b | DL Max TB bits  | 1280  | pc_RAB_A_18k1_38b |          |
|                   |  |                          | DL Max CC TB bits   | 640   |                   |          |
|                   |  |                          | DL Max TC TB bits   | 640   |                   |          |
|                   |  |                          | DL Max TrCHs  | 8   |                   |          |
|                   |  |                          | DL Max CCTrCH   | 1   |                   |          |
|                   |  |                          | DL Max TTI TB   | 8   |                   |          |
|                   |  |                          | DL Max TFS  | 16  |                   |          |
|                   |  |                          | DL Max TF   | 32  |                   |          |
|                   |  |                          | DL TC   | Yes   |                   |          |
|                   |  |                          | UL Max TB bits  | 1280  |                   |          |
|                   |  |                          | UL Max CC TB bits   | 640   |                   |          |
|                   |  |                          | UL Max TC TB bits   | 640   |                   |          |
|                   |  |                          | UL Max TrCHs  | 8   |                   |          |
|                   |  |                          | UL Max CCTrCH   | 1   |                   |          |
|                   |  |                          | UL Max TTI TB   | 8   |                   |          |
|                   |  |                          | UL Max TFS  | 16  |                   |          |
|                   |  |                          | UL Max TF   | 32  |                   |          |
|                   |  |                          | UL TC   | Yes   |                   |          |
|                   |  |                          | Other required UE radio access capability                     | None  |                   |          |
| 38c               | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.10.3.4.1.38c | Same as for item 40   |   | pc_RAB_A_18k1_38c |          |
| 38d               | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.38d | Same as for item 40   |   |                   |          |
| 38e               | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                          | 34.108<br>6.10.3.4.1.38e | DL Max TB bits  | 640   | pc_RAB_A_18k1_38e |          |
|                   |  |                          | DL Max CC TB bits   | 640   |                   |          |
|                   |  |                          | DL Max TC TB bits   | N/A   |                   |          |
|                   |  |                          | DL Max TrCHs  | 8   |                   |          |
|                   |  |                          | DL Max CCTrCH   | 1   |                   |          |
|                   |  |                          | DL Max TTI TB   | 4   |                   |          |
|                   |  |                          | DL Max TFS  | 16  |                   |          |
|                   |  |                          | DL Max TF   | 32  |                   |          |
|                   |  |                          | DL TC   | N/A   |                   |          |
|                   |  |                          | UL Max TB bits  | 640   |                   |          |
| UL Max CC TB bits | 640  |                          |   |   |                   |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|--------------------------|---|---|-------------------|----------|
|   |  |                          | Parameter   | Value   |                   |          |
|   |  |                          | UL Max TC TB bits   | N/A   |                   |          |
|   |  |                          | UL Max TrCHs  | 8   |                   |          |
|   |  |                          | UL Max CCTrCH   | 1   |                   |          |
|   |  |                          | UL Max TTI TB   | 4   |                   |          |
|   |  |                          | UL Max TFS  | 16  |                   |          |
|   |  |                          | UL Max TF   | 32  |                   |          |
|   |  |                          | UL TC   | N/A   |                   |          |
|   |  |                          | Other required UE radio access capability                     | None  |                   |          |
| 38f                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.10.3.4.1.38f | DL Max TB bits  | 1280  | pc_RAB_A_18k1_38f |          |
|   |  |                          | DL Max CC TB bits   | 640   |                   |          |
|   |  |                          | DL Max TC TB bits   | 640   |                   |          |
|   |  |                          | DL Max TrCHs  | 8   |                   |          |
|   |  |                          | DL Max CCTrCH   | 1   |                   |          |
|   |  |                          | DL Max TTI TB   | 8   |                   |          |
|   |  |                          | DL Max TFS  | 32  |                   |          |
|   |  |                          | DL Max TF   | 32  |                   |          |
|   |  |                          | DL TC   | Yes   |                   |          |
|   |  |                          | UL Max TB bits  | 1280  |                   |          |
|   |  |                          | UL Max CC TB bits   | 640   |                   |          |
|   |  |                          | UL Max TC TB bits   | 640   |                   |          |
|   |  |                          | UL Max TrCHs  | 8   |                   |          |
|   |  |                          | UL Max CCTrCH   | 1   |                   |          |
|   |  |                          | UL Max TTI TB   | 8   |                   |          |
|   |  |                          | UL Max TFS  | 32  |                   |          |
|   |  |                          | UL Max TF   | 32  |                   |          |
|   |  |                          | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | None   |                          |   |   |                   |          |
| 38g                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.38g | DL Max TB bits  | 1280  |                   |          |
|   |  |                          | DL Max CC TB bits   | 640   |                   |          |
|   |  |                          | DL Max TC TB bits   | 1280  |                   |          |
|   |  |                          | DL Max TrCHs  | 8   |                   |          |
|   |  |                          | DL Max CCTrCH   | 1   |                   |          |
|   |  |                          | DL Max TTI TB   | 8   |                   |          |
|   |  |                          | DL Max TFS  | 48  |                   |          |
|   |  |                          | DL Max TF   | 32  |                   |          |
|   |  |                          | DL TC   | Yes   |                   |          |
|   |  |                          | UL Max TB bits  | 1280  |                   |          |
|   |  |                          | UL Max CC TB bits   | 640   |                   |          |
|   |  |                          | UL Max TC TB bits   | 1280  |                   |          |
|   |  |                          | UL Max TrCHs  | 8   |                   |          |
|   |  |                          | UL Max CCTrCH   | 1   |                   |          |
| UL Max TTI TB                             | 8  |                          |   |   |                   |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic | Comments |
|---|--|--------------------------|---|---|----------|----------|
|   |  |                          | Parameter   | Value   |          |          |
|   |  |                          | UL Max TFS  | 32  |          |          |
|   |  |                          | UL Max TF   | 32  |          |          |
|   |  |                          | UL TC   | Yes   |          |          |
|   |  |                          | Other required UE radio access capability                     | None  |          |          |
| 38h                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.38h | DL Max TB bits  | 2560  |          |          |
|   |  |                          | DL Max CC TB bits   | 640   |          |          |
|   |  |                          | DL Max TC TB bits   | 2560  |          |          |
|   |  |                          | DL Max TrCHs  | 8   |          |          |
|   |  |                          | DL Max CCTrCH   | 1   |          |          |
|   |  |                          | DL Max TTI TB   | 8   |          |          |
|   |  |                          | DL Max TFS  | 48  |          |          |
|   |  |                          | DL Max TF   | 32  |          |          |
|   |  |                          | DL TC   | Yes   |          |          |
|   |  |                          | UL Max TB bits  | 2560  |          |          |
|   |  |                          | UL Max CC TB bits   | 640   |          |          |
|   |  |                          | UL Max TC TB bits   | 2560  |          |          |
|   |  |                          | UL Max TrCHs  | 8   |          |          |
|   |  |                          | UL Max CCTrCH   | 1   |          |          |
|   |  |                          | UL Max TTI TB   | 8   |          |          |
|   |  |                          | UL Max TFS  | 32  |          |          |
|   |  |                          | UL Max TF   | 32  |          |          |
|   |  |                          | UL TC   | Yes   |          |          |
| Other required UE radio access capability | None   |                          |   |   |          |          |
| 38i                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.38i | DL Max TB bits  | 2560  |          |          |
|   |  |                          | DL Max CC TB bits   | 640   |          |          |
|   |  |                          | DL Max TC TB bits   | 2560  |          |          |
|   |  |                          | DL Max TrCHs  | 8   |          |          |
|   |  |                          | DL Max CCTrCH   | 1   |          |          |
|   |  |                          | DL Max TTI TB   | 8   |          |          |
|   |  |                          | DL Max TFS  | 64  |          |          |
|   |  |                          | DL Max TF   | 32  |          |          |
|   |  |                          | DL TC   | Yes   |          |          |
|   |  |                          | UL Max TB bits  | 2560  |          |          |
|   |  |                          | UL Max CC TB bits   | 640   |          |          |
|   |  |                          | UL Max TC TB bits   | 2560  |          |          |
|   |  |                          | UL Max TrCHs  | 8   |          |          |
|   |  |                          | UL Max CCTrCH   | 1   |          |          |
|   |  |                          | UL Max TTI TB   | 8   |          |          |
|   |  |                          | UL Max TFS  | 48  |          |          |
|   |  |                          | UL Max TF   | 32  |          |          |
|   |  |                          | UL TC   | Yes   |          |          |

| Item              | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)   | Mnemonic                | Comments                                  |      |                  |  |
|-------------------|---|--------------------------|---|---|-------------------------|---|------|------------------|--|
|                   |   |                          | Parameter   | Value   |                         |   |      |                  |  |
|                   |   |                          | Other required UE radio access capability                     | None  |                         |   |      |                  |  |
| 38j               | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.38j | DL Max TB bits  | 3840  |                         |   |      |                  |  |
|                   |   |                          | DL Max CC TB bits   | 640   |                         |   |      |                  |  |
|                   |   |                          | DL Max TC TB bits   | 3840  |                         |   |      |                  |  |
|                   |   |                          | DL Max TrCHs  | 8   |                         |   |      |                  |  |
|                   |   |                          | DL Max CCTrCH   | 1   |                         |   |      |                  |  |
|                   |   |                          | DL Max TTI TB   | 16  |                         |   |      |                  |  |
|                   |   |                          | DL Max TFS  | 64  |                         |   |      |                  |  |
|                   |   |                          | DL Max TF   | 32  |                         |   |      |                  |  |
|                   |   |                          | DL TC   | Yes   |                         |   |      |                  |  |
|                   |   |                          | UL Max TB bits  | 2560  |                         |   |      |                  |  |
|                   |   |                          | UL Max CC TB bits   | 640   |                         |   |      |                  |  |
|                   |   |                          | UL Max TC TB bits   | 2560  |                         |   |      |                  |  |
|                   |   |                          | UL Max TrCHs  | 8   |                         |   |      |                  |  |
|                   |   |                          | UL Max CCTrCH   | 1   |                         |   |      |                  |  |
|                   |   |                          | UL Max TTI TB   | 8   |                         |   |      |                  |  |
|                   |   |                          | UL Max TFS  | 48  |                         |   |      |                  |  |
|                   |   |                          | UL Max TF   | 32  |                         |   |      |                  |  |
|                   |   |                          | UL TC   | Yes   |                         |   |      |                  |  |
|                   |   |                          |   |   |                         | Other required UE radio access capability | None |                  |  |
|                   |   |                          | 39  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.39 | DL Max TB bits                            | 2560 | pc_RAB_A_18k1_39 |  |
| DL Max CC TB bits | 640   |                          |   |   |                         |   |      |                  |  |
| DL Max TC TB bits | 2560  |                          |   |   |                         |   |      |                  |  |
| DL Max TrCHs      | 8   |                          |   |   |                         |   |      |                  |  |
| DL Max CCTrCH     | 1   |                          |   |   |                         |   |      |                  |  |
| DL Max TTI TB     | 8   |                          |   |   |                         |   |      |                  |  |
| DL Max TFS        | 32  |                          |   |   |                         |   |      |                  |  |
| DL Max TF         | 32  |                          |   |   |                         |   |      |                  |  |
| DL TC             | Yes   |                          |   |   |                         |   |      |                  |  |
| UL Max TB bits    | 1280  |                          |   |   |                         |   |      |                  |  |
| UL Max CC TB bits | 640   |                          |   |   |                         |   |      |                  |  |
| UL Max TC TB bits | 1280  |                          |   |   |                         |   |      |                  |  |
| UL Max TrCHs      | 8   |                          |   |   |                         |   |      |                  |  |
| UL Max CCTrCH     | 1   |                          |   |   |                         |   |      |                  |  |
| UL Max TTI TB     | 8   |                          |   |   |                         |   |      |                  |  |
| UL Max TFS        | 32  |                          |   |   |                         |   |      |                  |  |
| UL Max TF         | 32  |                          |   |   |                         |   |      |                  |  |
| UL TC             | Yes   |                          |   |   |                         |   |      |                  |  |
|                   |   |                          |   |   |                         | Other required UE radio access capability | None |                  |  |



| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|------|---|-------------------------|---|---|--------------------|----------|
|      |   |                         | Parameter   | Value   |                    |          |
| 40   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH              | 34.108<br>6.10.3.4.1.40 | DL Max TB bits  | 2560  | pc_RAB_A_18k1_40   |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                    |          |
|      |   |                         | DL Max TrCHs  | 8   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 8   |                    |          |
|      |   |                         | DL Max TFS  | 32  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 2560  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |   |                         | UL Max TrCHs  | 8   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 8   |                    |          |
|      |   |                         | UL Max TFS  | 32  |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Yes   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 41   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | 34.108<br>6.10.3.4.1.41 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_41   |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                    |          |
|      |   |                         | DL Max TrCHs  | 8   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 16  |                    |          |
|      |   |                         | DL Max TFS  | 32  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 2560  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |   |                         | UL Max TrCHs  | 8   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 8   |                    |          |
|      |   |                         | UL Max TFS  | 32  |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Yes   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 42.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.3.4.1.42 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_42_1 |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|---|---|-------------------------|---|---|--------------------|----------|
|   |   |                         | Parameter   | Value   |                    |          |
|   |   |                         | DL Max CC TB bits   | 640   |                    |          |
|   |   |                         | DL Max TC TB bits   | 3840  |                    |          |
|   |   |                         | DL Max TrCHs  | 8   |                    |          |
|   |   |                         | DL Max CCTrCH   | 1   |                    |          |
|   |   |                         | DL Max TTI TB   | 16  |                    |          |
|   |   |                         | DL Max TFS  | 32  |                    |          |
|   |   |                         | DL Max TF   | 32  |                    |          |
|   |   |                         | DL TC   | Yes   |                    |          |
|   |   |                         | UL Max TB bits  | 2560  |                    |          |
|   |   |                         | UL Max CC TB bits   | 640   |                    |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                    |          |
|   |   |                         | UL Max TrCHs  | 8   |                    |          |
|   |   |                         | UL Max CCTrCH   | 1   |                    |          |
|   |   |                         | UL Max TTI TB   | 8   |                    |          |
|   |   |                         | UL Max TFS  | 32  |                    |          |
|   |   |                         | UL Max TF   | 32  |                    |          |
|   |   |                         | UL TC   | Yes   |                    |          |
|   |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 42.2                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.3.4.1.42 | DL Max TB bits  | 6400  | pc_RAB_A_18k1_42_2 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                    |          |
|   |   |                         | DL Max TC TB bits   | 6400  |                    |          |
|   |   |                         | DL Max TrCHs  | 8   |                    |          |
|   |   |                         | DL Max CCTrCH   | 1   |                    |          |
|   |   |                         | DL Max TTI TB   | 32  |                    |          |
|   |   |                         | DL Max TFS  | 64  |                    |          |
|   |   |                         | DL Max TF   | 32  |                    |          |
|   |   |                         | DL TC   | Yes   |                    |          |
|   |   |                         | UL Max TB bits  | 2560  |                    |          |
|   |   |                         | UL Max CC TB bits   | 640   |                    |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                    |          |
|   |   |                         | UL Max TrCHs  | 8   |                    |          |
|   |   |                         | UL Max CCTrCH   | 1   |                    |          |
|   |   |                         | UL Max TTI TB   | 8   |                    |          |
|   |   |                         | UL Max TFS  | 32  |                    |          |
|   |   |                         | UL Max TF   | 32  |                    |          |
|   |   |                         | UL TC   | Yes   |                    |          |
| Other required UE radio access capability | None  |                         |   |   |                    |          |
| 43.1                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.3.4.1.43 | DL Max TB bits  | 5120  | pc_RAB_A_18k1_43_1 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                    |          |
|   |   |                         | DL Max TC TB bits   | 5120  |                    |          |
|   |   |                         | DL Max TrCHs  | 8   |                    |          |
|   |   |                         | DL Max CCTrCH   | 1   |                    |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|------|---|-------------------------|---|---|--------------------|----------|
|      |   |                         | Parameter   | Value   |                    |          |
|      |   |                         | DL Max TTI TB   | 16  |                    |          |
|      |   |                         | DL Max TFS  | 64  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 2560  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |   |                         | UL Max TrCHs  | 8   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 8   |                    |          |
|      |   |                         | UL Max TFS  | 32  |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Yes   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 43.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI   | 34.108<br>6.10.3.4.1.43 | DL Max TB bits  | 8960  | pc_RAB_A_18k1_43_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 8960  |                    |          |
|      |   |                         | DL Max TrCHs  | 8   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 32  |                    |          |
|      |   |                         | DL Max TFS  | 64  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 2560  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |   |                         | UL Max TrCHs  | 8   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 8   |                    |          |
|      |   |                         | UL Max TFS  | 32  |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Yes   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 44.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.10.3.4.1.44 | DL Max TB bits  | 40960   | pc_RAB_A_18k1_44_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 40960   |                    |          |
|      |   |                         | DL Max TrCHs  | 8   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 64  |                    |          |
|      |   |                         | DL Max TFS  | 96  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|------|---|-------------------------|---|---|--------------------|----------|
|      |   |                         | Parameter   | Value   |                    |          |
|      |   |                         | UL Max TB bits  | 3840  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 3840  |                    |          |
|      |   |                         | UL Max TrCHs  | 8   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 16  |                    |          |
|      |   |                         | UL Max TFS  | 32  |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Yes   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 44.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.3.4.1.44 | DL Max TB bits  | 81920   | pc_RAB_A_18k1_44_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 81920   |                    |          |
|      |   |                         | DL Max TrCHs  | 8   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 96  |                    |          |
|      |   |                         | DL Max TFS  | 128   |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 3840  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 3840  |                    |          |
|      |   |                         | UL Max TrCHs  | 8   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |
|      |   |                         | UL Max TTI TB   | 16  |                    |          |
|      |   |                         | UL Max TFS  | 32  |                    |          |
|      |   |                         | UL Max TF   | 32  |                    |          |
|      |   |                         | UL TC   | Yes   |                    |          |
|      |   |                         | Other required UE radio access capability                     | None  |                    |          |
| 45   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                  | 34.108<br>6.10.3.4.1.45 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_45   |          |
|      |   |                         | DL Max CC TB bits   | 640   |                    |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                    |          |
|      |   |                         | DL Max TrCHs  | 8   |                    |          |
|      |   |                         | DL Max CCTrCH   | 1   |                    |          |
|      |   |                         | DL Max TTI TB   | 8   |                    |          |
|      |   |                         | DL Max TFS  | 32  |                    |          |
|      |   |                         | DL Max TF   | 32  |                    |          |
|      |   |                         | DL TC   | Yes   |                    |          |
|      |   |                         | UL Max TB bits  | 3840  |                    |          |
|      |   |                         | UL Max CC TB bits   | 640   |                    |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                    |          |
|      |   |                         | UL Max TrCHs  | 8   |                    |          |
|      |   |                         | UL Max CCTrCH   | 1   |                    |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|---|---|-------------------------|---|---|------------------|----------|
|   |   |                         | Parameter   | Value   |                  |          |
|   |   |                         | UL Max TTI TB   | 8   |                  |          |
|   |   |                         | UL Max TFS  | 32  |                  |          |
|   |   |                         | UL Max TF   | 32  |                  |          |
|   |   |                         | UL TC   | Yes   |                  |          |
|   |   |                         | Other required UE radio access capability                     | Multicall (2xCS)  |                  |          |
| 46  | Void  |                         |   |   |                  |          |
| 47  | Void  |                         |   |   |                  |          |
| 48  | Void  |                         |   |   |                  |          |
| 49  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.10.3.4.1.49 | DL Max TB bits  | 2560  | pc_RAB_A_18k1_49 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                  |          |
|   |   |                         | DL Max TC TB bits   | 1280  |                  |          |
|   |   |                         | DL Max TrCHs  | 8   |                  |          |
|   |   |                         | DL Max CCTrCH   | 1   |                  |          |
|   |   |                         | DL Max TTI TB   | 8   |                  |          |
|   |   |                         | DL Max TFS  | 16  |                  |          |
|   |   |                         | DL Max TF   | 32  |                  |          |
|   |   |                         | DL TC   | Yes   |                  |          |
|   |   |                         | UL Max TB bits  | 2560  |                  |          |
|   |   |                         | UL Max CC TB bits   | 640   |                  |          |
|   |   |                         | UL Max TC TB bits   | 1280  |                  |          |
|   |   |                         | UL Max TrCHs  | 8   |                  |          |
|   |   |                         | UL Max CCTrCH   | 1   |                  |          |
|   |   |                         | UL Max TTI TB   | 8   |                  |          |
|   |   |                         | UL Max TFS  | 16  |                  |          |
|   |   |                         | UL Max TF   | 32  |                  |          |
| UL TC                                     | Yes   |                         |   |   |                  |          |
| Other required UE radio access capability | Multicall (2xCS)  |                         |   |   |                  |          |
| 50  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                | 34.108<br>6.10.3.4.1.50 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_50 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                  |          |
|   |   |                         | DL Max TC TB bits   | 2560  |                  |          |
|   |   |                         | DL Max TrCHs  | 4   |                  |          |
|   |   |                         | DL Max CCTrCH   | 1   |                  |          |
|   |   |                         | DL Max TTI TB   | 8   |                  |          |
|   |   |                         | DL Max TFS  | 16  |                  |          |
|   |   |                         | DL Max TF   | 32  |                  |          |
|   |   |                         | DL TC   | Yes   |                  |          |
|   |   |                         | UL Max TB bits  | 3840  |                  |          |
|   |   |                         | UL Max CC TB bits   | 640   |                  |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                  |          |
|   |   |                         | UL Max TrCHs  | 4   |                  |          |
|   |   |                         | UL Max CCTrCH   | 1   |                  |          |
|   |   |                         | UL Max TTI TB   | 8   |                  |          |
|   |   |                         | UL Max TFS  | 8   |                  |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|--------------------------|---|---|-------------------|----------|
|   |   |                          | Parameter   | Value   |                   |          |
|   |   |                          | UL Max TF   | 32  |                   |          |
|   |   |                          | UL TC   | Yes   |                   |          |
|   |   |                          | Other required UE radio access capability                     | Multicall (2xCS)  |                   |          |
| 51  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.51  | DL Max TB bits  | 3840  | pc_RAB_A_18k1_51  |          |
|   |   |                          | DL Max CC TB bits   | 640   |                   |          |
|   |   |                          | DL Max TC TB bits   | 3840  |                   |          |
|   |   |                          | DL Max TrCHs  | 4   |                   |          |
|   |   |                          | DL Max CCTrCH   | 1   |                   |          |
|   |   |                          | DL Max TTI TB   | 8   |                   |          |
|   |   |                          | DL Max TFS  | 32  |                   |          |
|   |   |                          | DL Max TF   | 32  |                   |          |
|   |   |                          | DL TC   | Yes   |                   |          |
|   |   |                          | UL Max TB bits  | 3840  |                   |          |
|   |   |                          | UL Max CC TB bits   | 640   |                   |          |
|   |   |                          | UL Max TC TB bits   | 3840  |                   |          |
|   |   |                          | UL Max TrCHs  | 4   |                   |          |
|   |   |                          | UL Max CCTrCH   | 1   |                   |          |
|   |   |                          | UL Max TTI TB   | 8   |                   |          |
|   |   |                          | UL Max TFS  | 32  |                   |          |
|   |   |                          | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                          |   |   |                   |          |
| Other required UE radio access capability | None  |                          |   |   |                   |          |
| 51a                                       | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.10.3.4.1.51a | DL Max TB bits  | 2560  | pc_RAB_A_18k1_51a |          |
|   |   |                          | DL Max CC TB bits   | 640   |                   |          |
|   |   |                          | DL Max TC TB bits   | 2560  |                   |          |
|   |   |                          | DL Max TrCHs  | 4   |                   |          |
|   |   |                          | DL Max CCTrCH   | 1   |                   |          |
|   |   |                          | DL Max TTI TB   | 4   |                   |          |
|   |   |                          | DL Max TFS  | 16  |                   |          |
|   |   |                          | DL Max TF   | 32  |                   |          |
|   |   |                          | DL TC   | Yes   |                   |          |
|   |   |                          | UL Max TB bits  | 2560  |                   |          |
|   |   |                          | UL Max CC TB bits   | 640   |                   |          |
|   |   |                          | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                          | UL Max TrCHs  | 4   |                   |          |
|   |   |                          | UL Max CCTrCH   | 1   |                   |          |
|   |   |                          | UL Max TTI TB   | 4   |                   |          |
|   |   |                          | UL Max TFS  | 8   |                   |          |
|   |   |                          | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                          |   |   |                   |          |
| Other required UE radio access capability | None  |                          |   |   |                   |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|--------------------------|---|---|-------------------|----------|
|   |   |                          | Parameter   | Value   |                   |          |
| 51b                                       | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.10.3.4.1.51b | DL Max TB bits  | 3840  | pc_RAB_A_18k1_51b |          |
|   |   |                          | DL Max CC TB bits   | 640   |                   |          |
|   |   |                          | DL Max TC TB bits   | 3840  |                   |          |
|   |   |                          | DL Max TrCHs  | 4   |                   |          |
|   |   |                          | DL Max CCTrCH   | 1   |                   |          |
|   |   |                          | DL Max TTI TB   | 8   |                   |          |
|   |   |                          | DL Max TFS  | 32  |                   |          |
|   |   |                          | DL Max TF   | 32  |                   |          |
|   |   |                          | DL TC   | Yes   |                   |          |
|   |   |                          | UL Max TB bits  | 2560  |                   |          |
|   |   |                          | UL Max CC TB bits   | 64  |                   |          |
|   |   |                          | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                          | UL Max TrCHs  | 4   |                   |          |
|   |   |                          | UL Max CCTrCH   | 1   |                   |          |
|   |   |                          | UL Max TTI TB   | 8   |                   |          |
|   |   |                          | UL Max TFS  | 16  |                   |          |
|   |   |                          | UL Max TF   | 32  |                   |          |
|   |   |                          | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | None  |                          |   |   |                   |          |
| 52  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.3.4.1.52  | DL Max TB bits  | 5120  | pc_RAB_A_18k1_52  |          |
|   |   |                          | DL Max CC TB bits   | 640   |                   |          |
|   |   |                          | DL Max TC TB bits   | 5120  |                   |          |
|   |   |                          | DL Max TrCHs  | 4   |                   |          |
|   |   |                          | DL Max CCTrCH   | 1   |                   |          |
|   |   |                          | DL Max TTI TB   | 16  |                   |          |
|   |   |                          | DL Max TFS  | 32  |                   |          |
|   |   |                          | DL Max TF   | 32  |                   |          |
|   |   |                          | DL TC   | Yes   |                   |          |
|   |   |                          | UL Max TB bits  | 3840  |                   |          |
|   |   |                          | UL Max CC TB bits   | 640   |                   |          |
|   |   |                          | UL Max TC TB bits   | 3840  |                   |          |
|   |   |                          | UL Max TrCHs  | 4   |                   |          |
|   |   |                          | UL Max CCTrCH   | 1   |                   |          |
|   |   |                          | UL Max TTI TB   | 8   |                   |          |
|   |   |                          | UL Max TFS  | 32  |                   |          |
|   |   |                          | UL Max TF   | 32  |                   |          |
|   |   |                          | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | None  |                          |   |   |                   |          |
| 53  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.1.53  | DL Max TB bits  | 5120  | pc_RAB_A_18k1_53  |          |
|   |   |                          | DL Max CC TB bits   | 640   |                   |          |

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|---|---|-------------------------|---|---|------------------|----------|
|   |   |                         | Parameter   | Value   |                  |          |
|   |   |                         | DL Max TC TB bits   | 5120  |                  |          |
|   |   |                         | DL Max TrCHs  | 4   |                  |          |
|   |   |                         | DL Max CCTrCH   | 1   |                  |          |
|   |   |                         | DL Max TTI TB   | 16  |                  |          |
|   |   |                         | DL Max TFS  | 32  |                  |          |
|   |   |                         | DL Max TF   | 32  |                  |          |
|   |   |                         | DL TC   | Yes   |                  |          |
|   |   |                         | UL Max TB bits  | 5120  |                  |          |
|   |   |                         | UL Max CC TB bits   | 640   |                  |          |
|   |   |                         | UL Max TC TB bits   | 5120  |                  |          |
|   |   |                         | UL Max TrCHs  | 4   |                  |          |
|   |   |                         | UL Max CCTrCH   | 1   |                  |          |
|   |   |                         | UL Max TTI TB   | 16  |                  |          |
|   |   |                         | UL Max TFS  | 32  |                  |          |
|   |   |                         | UL Max TF   | 32  |                  |          |
|   |   |                         | UL TC   | Yes   |                  |          |
|   |   |                         | Other required UE radio access capability                     | None  |                  |          |
| 54  | Void  |                         |   |   |                  |          |
| 55  | Void  |                         |   |   |                  |          |
| 56  | Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.     | 34.108<br>6.10.3.4.1.56 | DL Max TB bits  | 640   | pc_RAB_A_18k1_56 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                  |          |
|   |   |                         | DL Max TC TB bits   | 640   |                  |          |
|   |   |                         | DL Max TrCHs  | 4   |                  |          |
|   |   |                         | DL Max CCTrCH   | 1   |                  |          |
|   |   |                         | DL Max TTI TB   | 4   |                  |          |
|   |   |                         | DL Max TFS  | 16  |                  |          |
|   |   |                         | DL Max TF   | 32  |                  |          |
|   |   |                         | DL TC   | Yes   |                  |          |
|   |   |                         | UL Max TB bits  | 640   |                  |          |
|   |   |                         | UL Max CC TB bits   | 640   |                  |          |
|   |   |                         | UL Max TC TB bits   | 640   |                  |          |
|   |   |                         | UL Max TrCHs  | 2   |                  |          |
|   |   |                         | UL Max CCTrCH   | 1   |                  |          |
|   |   |                         | UL Max TTI TB   | 2   |                  |          |
|   |   |                         | UL Max TFS  | 4   |                  |          |
|   |   |                         | UL Max TF   | 32  |                  |          |
| UL TC                                     | Yes   |                         |   |   |                  |          |
| Other required UE radio access capability | None  |                         |   |   |                  |          |
| 57  | Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.10.3.4.1.57 | DL Max TB bits  | 2560  | pc_RAB_A_18k1_57 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                  |          |
|   |   |                         | DL Max TC TB bits   | 2560  |                  |          |
|   |   |                         | DL Max TrCHs  | 4   |                  |          |
|   |   |                         | DL Max CCTrCH   | 1   |                  |          |
|   |   |                         | DL Max TTI TB   | 8   |                  |          |



| Item  | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|---|---|-------------------------|---|---|------------------|----------|
|   |   |                         | Parameter   | Value   |                  |          |
|   |   |                         | DL Max TFS  | 16  |                  |          |
|   |   |                         | DL Max TF   | 32  |                  |          |
|   |   |                         | DL TC   | Yes   |                  |          |
|   |   |                         | UL Max TB bits  | 2560  |                  |          |
|   |   |                         | UL Max CC TB bits   | 640   |                  |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                  |          |
|   |   |                         | UL Max TrCHs  | 2   |                  |          |
|   |   |                         | UL Max CCTrCH   | 1   |                  |          |
|   |   |                         | UL Max TTI TB   | 8   |                  |          |
|   |   |                         | UL Max TFS  | 16  |                  |          |
|   |   |                         | UL Max TF   | 32  |                  |          |
|   |   |                         | UL TC   | Yes   |                  |          |
|   |   |                         | Other required UE radio access capability                     | None  |                  |          |
| 58  | Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.10.3.4.1.58 | DL Max TB bits  | 3840  | pc_RAB_A_18k1_58 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                  |          |
|   |   |                         | DL Max TC TB bits   | 3840  |                  |          |
|   |   |                         | DL Max TrCHs  | 4   |                  |          |
|   |   |                         | DL Max CCTrCH   | 1   |                  |          |
|   |   |                         | DL Max TTI TB   | 8   |                  |          |
|   |   |                         | DL Max TFS  | 16  |                  |          |
|   |   |                         | DL Max TF   | 32  |                  |          |
|   |   |                         | DL TC   | Yes   |                  |          |
|   |   |                         | UL Max TB bits  | 1280  |                  |          |
|   |   |                         | UL Max CC TB bits   | 640   |                  |          |
|   |   |                         | UL Max TC TB bits   | 1280  |                  |          |
|   |   |                         | UL Max TrCHs  | 4   |                  |          |
|   |   |                         | UL Max CCTrCH   | 1   |                  |          |
|   |   |                         | UL Max TTI TB   | 4   |                  |          |
|   |   |                         | UL Max TFS  | 8   |                  |          |
|   |   |                         | UL Max TF   | 32  |                  |          |
|   |   |                         | UL TC   | Yes   |                  |          |
|   |   |                         | Other required UE radio access capability                     | None  |                  |          |
| 59  | Void  |                         |   |   |                  |          |
| 60  | Void  |                         |   |   |                  |          |
| 61  | Void  |                         |   |   |                  |          |
| <p><b>NOTE:</b> To enable UE loopback of test data for the 3.84Mcps TDD interoperability reference radio bearer configurations having zero rate in uplink or downlink (items 18 and 19, in table A.18k1 the "Streaming / unknown / UL:14,4 kbps / CS RAB" and "Streaming / unknown / DL:14,4 kbps / CS RAB" have been used instead of the zero-rate uplink and downlink configuration. The impact on the UE radio access capability has been taken into account in the applicability statement for those items.</p> |   |                         |   |   |                  |          |

**Table A.18l: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on PDSCH, SCCPCH, PUSCH and PRACH**

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combinations on PDSCH, SCCPCH, PUSCH and PRACH  | Ref.                   | UE radio access capability<br>See note.   | UE radio access capability<br>See note. | Mnemonic       | Comments |
|------|--|------------------------|---|---|----------------|----------|
| 1    | Interactive or background /<br>UL: 64 DL: 256 kbps / PS<br>RAB + UL: 3.4/16.8 DL:<br>3.4/33.6 kbps SRBs for<br>DCCH, CCCH and BCCH +<br>UL: 16.8 DL: 16 kbps SRBs<br>for SHCCH   | 34.108<br>6.10.3.4.2.1 | DL Max TB bits                            | 3840                                    | pc_RAB_A_18l_1 |          |
|      |  |                        | DL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | DL Max TC TB bits                         | 3840                                    |                |          |
|      |  |                        | DL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | DL Max CCTrCH                             | 2                                       |                |          |
|      |  |                        | DL Max TTI TB                             | 16                                      |                |          |
|      |  |                        | DL Max TFS                                | 16                                      |                |          |
|      |  |                        | DL Max TF                                 | 32                                      |                |          |
|      |  |                        | DL TC                                     | Yes                                     |                |          |
|      |  |                        | UL Max TB bits                            | 2560                                    |                |          |
|      |  |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | UL Max TC TB bits                         | 2560                                    |                |          |
|      |  |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | UL Max CCTrCH                             | 2                                       |                |          |
|      |  |                        | UL Max TTI TB                             | 8                                       |                |          |
|      |  |                        | UL Max TFS                                | 16                                      |                |          |
|      |  |                        | UL Max TF                                 | 32                                      |                |          |
|      |  |                        | UL TC                                     | Yes                                     |                |          |
|      |  |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |
| 2    | Interactive or background /<br>UL: 64 DL: 384 kbps / PS<br>RAB + UL: 3.4/16.8 DL:<br>3.4/33.6 kbps SRBs for<br>DCCH, CCCH and BCCH+<br>UL: 16.8 DL: 16 kbps SRBs<br>for SHCCH    | 34.108<br>6.10.3.4.2.2 | DL Max TB bits                            | 5120                                    | pc_RAB_A_18l_2 |          |
|      |  |                        | DL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | DL Max TC TB bits                         | 5120                                    |                |          |
|      |  |                        | DL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | DL Max CCTrCH                             | 2                                       |                |          |
|      |  |                        | DL Max TTI TB                             | 16                                      |                |          |
|      |  |                        | DL Max TFS                                | 16                                      |                |          |
|      |  |                        | DL Max TF                                 | 32                                      |                |          |
|      |  |                        | DL TC                                     | Yes                                     |                |          |
|      |  |                        | UL Max TB bits                            | 2560                                    |                |          |
|      |  |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | UL Max TC TB bits                         | 2560                                    |                |          |
|      |  |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | UL Max CCTrCH                             | 2                                       |                |          |
|      |  |                        | UL Max TTI TB                             | 8                                       |                |          |
|      |  |                        | UL Max TFS                                | 16                                      |                |          |
|      |  |                        | UL Max TF                                 | 32                                      |                |          |
|      |  |                        | UL TC                                     | Yes                                     |                |          |
|      |  |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |
| 3    | Interactive or background /<br>UL: 64 DL: 2 048 kbps / PS<br>RAB + UL: 3.4/16.8 DL:<br>3.4/33.6 kbps SRBs for<br>DCCH, CCCH and BCCH +<br>UL: 16.8 DL: 16 kbps SRBs<br>for SHCCH | 34.108<br>6.10.3.4.2.3 | DL Max TB bits                            | 40960                                   | pc_RAB_A_18l_3 |          |
|      |  |                        | DL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | DL Max TC TB bits                         | 40960                                   |                |          |
|      |  |                        | DL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | DL Max CCTrCH                             | 2                                       |                |          |
|      |  |                        | DL Max TTI TB                             | 64                                      |                |          |
|      |  |                        | DL Max TFS                                | 64                                      |                |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combinations on PDSCH, SCCPCH, PUSCH and PRACH   | Ref.                   | UE radio access capability<br>See note.   | UE radio access capability<br>See note. | Mnemonic       | Comments |
|------|---|------------------------|---|---|----------------|----------|
|      |   |                        | DL Max TF                                 | 32                                      |                |          |
|      |   |                        | DL TC                                     | Yes                                     |                |          |
|      |   |                        | UL Max TB bits                            | 2560                                    |                |          |
|      |   |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |   |                        | UL Max TC TB bits                         | 2560                                    |                |          |
|      |   |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |   |                        | UL Max CCTrCH                             | 2                                       |                |          |
|      |   |                        | UL Max TTI TB                             | 8                                       |                |          |
|      |   |                        | UL Max TFS                                | 16                                      |                |          |
|      |   |                        | UL Max TF                                 | 32                                      |                |          |
|      |   |                        | UL TC                                     | Yes                                     |                |          |
|      |   |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |
| 4    | Interactive or background /<br>UL: 384 DL: 2 048 kbps / PS<br>RAB + UL: 3.4/16.8 DL:<br>3.4/33.6 kbps SRBs for<br>DCCH, CCCH and BCCH +<br>UL: 16.8 DL: 16 kbps SRBs<br>for SHCCH | 34.108<br>6.10.3.4.2.4 | DL Max TB bits                            | 40960                                   | pc_RAB_A_18L_4 |          |
|      |   |                        | DL Max CC TB bits                         | 640                                     |                |          |
|      |   |                        | DL Max TC TB bits                         | 40960                                   |                |          |
|      |   |                        | DL Max TrCHs                              | 4                                       |                |          |
|      |   |                        | DL Max CCTrCH                             | 2                                       |                |          |
|      |   |                        | DL Max TTI TB                             | 64                                      |                |          |
|      |   |                        | DL Max TFS                                | 64                                      |                |          |
|      |   |                        | DL Max TF                                 | 32                                      |                |          |
|      |   |                        | DL TC                                     | Yes                                     |                |          |
|      |   |                        | UL Max TB bits                            | 5120                                    |                |          |
|      |   |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |   |                        | UL Max TC TB bits                         | 5120                                    |                |          |
|      |   |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |   |                        | UL Max CCTrCH                             | 2                                       |                |          |
|      |   |                        | UL Max TTI TB                             | 32                                      |                |          |
|      |   |                        | UL Max TFS                                | 64                                      |                |          |
|      |   |                        | UL Max TF                                 | 32                                      |                |          |
|      |   |                        | UL TC                                     | Yes                                     |                |          |
|      |   |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |

**Table A.18m: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on PDSCH, SCCPCH, DPCH, PUSCH and PRACH**

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combinations on PDSCH, SCCPCH, DPCH, PUSCH and PRACH  | Ref.                   | UE radio access capability<br>See note. | UE radio access capability<br>See note. | Mnemonic       | Comments |
|---|--|------------------------|---|---|----------------|----------|
| 1   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH SHCCH and BCCH  | 34.108<br>6.10.3.4.3.1 | DL Max TB bits                          | 3840                                    | pc_RAB_A_18m_1 |          |
|   |  |                        | DL Max CC TB bits                       | 640                                     |                |          |
|   |  |                        | DL Max TC TB bits                       | 3840                                    |                |          |
|   |  |                        | DL Max TrCHs                            | 4                                       |                |          |
|   |  |                        | DL Max CCTrCH                           | 2                                       |                |          |
|   |  |                        | DL Max TTI TB                           | 16                                      |                |          |
|   |  |                        | DL Max TFS                              | 16                                      |                |          |
|   |  |                        | DL Max TF                               | 32                                      |                |          |
|   |  |                        | DL TC                                   | Yes                                     |                |          |
|   |  |                        | UL Max TB bits                          | 2560                                    |                |          |
|   |  |                        | UL Max CC TB bits                       | 640                                     |                |          |
|   |  |                        | UL Max TC TB bits                       | 2560                                    |                |          |
|   |  |                        | UL Max TrCHs                            | 4                                       |                |          |
|   |  |                        | UL Max CCTrCH                           | 3                                       |                |          |
|   |  |                        | UL Max TTI TB                           | 8                                       |                |          |
|   |  |                        | UL Max TFS                              | 16                                      |                |          |
|   |  |                        | UL Max TF                               | 32                                      |                |          |
| UL TC                                     | Yes  |                        |   |   |                |          |
| Other required UE radio access capability | PDSCH=Yes  |                        |   |   |                |          |
| 2   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH, SHCCH and BCCH | 34.108<br>6.10.3.4.3.2 | DL Max TB bits                          | 5120                                    | pc_RAB_A_18m_2 |          |
|   |  |                        | DL Max CC TB bits                       | 640                                     |                |          |
|   |  |                        | DL Max TC TB bits                       | 5120                                    |                |          |
|   |  |                        | DL Max TrCHs                            | 4                                       |                |          |
|   |  |                        | DL Max CCTrCH                           | 2                                       |                |          |
|   |  |                        | DL Max TTI TB                           | 16                                      |                |          |
|   |  |                        | DL Max TFS                              | 16                                      |                |          |
|   |  |                        | DL Max TF                               | 32                                      |                |          |
|   |  |                        | DL TC                                   | Yes                                     |                |          |
|   |  |                        | UL Max TB bits                          | 2560                                    |                |          |
|   |  |                        | UL Max CC TB bits                       | 640                                     |                |          |
|   |  |                        | UL Max TC TB bits                       | 2560                                    |                |          |
|   |  |                        | UL Max TrCHs                            | 4                                       |                |          |
|   |  |                        | UL Max CCTrCH                           | 3                                       |                |          |
|   |  |                        | UL Max TTI TB                           | 8                                       |                |          |
|   |  |                        | UL Max TFS                              | 16                                      |                |          |
|   |  |                        | UL Max TF                               | 32                                      |                |          |
| UL TC                                     | Yes  |                        |   |   |                |          |
| Other required UE radio access capability | PDSCH=Yes  |                        |   |   |                |          |

| Item | 3.84Mcps TDD interoperability radio bearer configuration for combinations on PDSCH, SCCPCH, DPCH, PUSCH and PRACH  | Ref.                   | UE radio access capability<br>See note.   | UE radio access capability<br>See note. | Mnemonic       | Comments |
|------|--|------------------------|---|---|----------------|----------|
| 3    | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 2 048 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH, SHCCH and BCCH | 34.108<br>6.10.3.4.3.3 | DL Max TB bits                            | 40960                                   | pc_RAB_A_18m_3 |          |
|      |  |                        | DL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | DL Max TC TB bits                         | 40960                                   |                |          |
|      |  |                        | DL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | DL Max CCTrCH                             | 2                                       |                |          |
|      |  |                        | DL Max TTI TB                             | 64                                      |                |          |
|      |  |                        | DL Max TFS                                | 64                                      |                |          |
|      |  |                        | DL Max TF                                 | 32                                      |                |          |
|      |  |                        | DL TC                                     | Yes                                     |                |          |
|      |  |                        | UL Max TB bits                            | 2560                                    |                |          |
|      |  |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | UL Max TC TB bits                         | 2560                                    |                |          |
|      |  |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | UL Max CCTrCH                             | 3                                       |                |          |
|      |  |                        | UL Max TTI TB                             | 8                                       |                |          |
|      |  |                        | UL Max TFS                                | 16                                      |                |          |
|      |  |                        | UL Max TF                                 | 32                                      |                |          |
|      |  |                        | UL TC                                     | Yes                                     |                |          |
|      |  |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |

**Table A.18n: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on SCCPCH**



| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on SCCPCH             | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|--|------------------------|---|---|----------------|----------|
| 1   | Stand-alone signalling RB for PCCH   | 34.108<br>6.10.3.4.4.1 | DL Max TB bits  | 640   | pc_RAB_A_18n_1 |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
|   |  |                        | DL Max TTI TB   | 4   |                |          |
|   |  |                        | DL Max TFS  | 16  |                |          |
|   |  |                        | DL Max TF   | 32  |                |          |
|   |  |                        | DL TC   | N/A   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |
| 2   | Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH            | 34.108<br>6.10.3.4.4.2 | DL Max TB bits  | 1280  | pc_RAB_A_18n_2 |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | 640   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
|   |  |                        | DL Max TTI TB   | 4   |                |          |
|   |  |                        | DL Max TFS  | 16  |                |          |
|   |  |                        | DL Max TF   | 32  |                |          |
|   |  |                        | DL TC   | Yes   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |
| 3   | Interactive/Background 32 kbps RAB + SRB for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH | 34.108<br>6.10.3.4.4.3 | DL Max TB bits  | 1280  | pc_RAB_A_18n_3 |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | 640   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
|   |  |                        | DL Max TTI TB   | 8   |                |          |
|   |  |                        | DL Max TFS  | 32  |                |          |
|   |  |                        | DL Max TF   | 32  |                |          |
|   |  |                        | DL TC   | Yes   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |
| 4   | RB for CTCH + SRB for CCCH +SRB for BCCH   | 34.108<br>6.10.3.4.4.4 | DL Max TB bits  | 1280  | pc_RAB_A_18n_4 |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | 640   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
|   |  |                        | DL Max TTI TB   | 4   |                |          |
|   |  |                        | DL Max TFS  | 16  |                |          |
|   |  |                        | DL Max TF   | 32  |                |          |
|   |  |                        | DL TC   | Yes   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |
| 5   | 64.8kbps RB for MTCH with 80 ms TTI  | 34.108<br>6.10.3.4.4.5 | DL Max TB bits  | 10752   | pc_RAB_A_18n_5 |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |

|   |   |                        |   |   |                |  |
|---|---|------------------------|---|---|----------------|--|
|   |   |                        | DL Max TC TB bits                         | 10752   |                |  |
|   |   |                        | DL Max TrCHs                              | 16  |                |  |
|   |   |                        | DL Max CCTrCH                             | N/A   |                |  |
|   |   |                        | DL Max TTI TB                             | N/A   |                |  |
|   |   |                        | DL Max TFS                                | N/A   |                |  |
|   |   |                        | DL Max TF                                 | N/A   |                |  |
|   |   |                        | DL TC                                     | Yes   |                |  |
|   |   |                        | Other required UE radio access capability | Max. sync radio links per frame which carry MTCH: 3 |                |  |
| 6 | 129.6kbps RB for MTCH with 80 ms TTI      | 34.108<br>6.10.3.4.4.6 | DL Max TB bits                            | 10752   | pc_RAB_A_18n_6 |  |
|   |   |                        | DL Max CC TB bits                         | 640   |                |  |
|   |   |                        | DL Max TC TB bits                         | 10752   |                |  |
|   |   |                        | DL Max TrCHs                              | 16  |                |  |
|   |   |                        | DL Max CCTrCH                             | N/A   |                |  |
|   |   |                        | DL Max TTI TB                             | N/A   |                |  |
|   |   |                        | DL Max TFS                                | N/A   |                |  |
|   |   |                        | DL Max TF                                 | N/A   |                |  |
|   |   |                        | DL TC                                     | Yes   |                |  |
|   |   |                        | Other required UE radio access capability | Max. sync radio links per frame which carry MTCH: 3 |                |  |
| 7 | 259.2kbps RB for MTCH with 80 ms TTI      | 34.108<br>6.10.3.4.4.7 | DL Max TB bits                            | 10752   | pc_RAB_A_18n_7 |  |
|   |   |                        | DL Max CC TB bits                         | 640   |                |  |
|   |   |                        | DL Max TC TB bits                         | 10752   |                |  |
|   |   |                        | DL Max TrCHs                              | 16  |                |  |
|   |   |                        | DL Max CCTrCH                             | N/A   |                |  |
|   |   |                        | DL Max TTI TB                             | N/A   |                |  |
|   |   |                        | DL Max TFS                                | N/A   |                |  |
|   |   |                        | DL Max TF                                 | N/A   |                |  |
|   |   |                        | DL TC                                     | Yes   |                |  |
|   |   |                        | Other required UE radio access capability | Max. sync radio links per frame which carry MTCH: 3 |                |  |
| 8 | 7.6kbps signalling RB for MCCH            | 34.108<br>6.10.3.4.4.8 | DL Max TB bits                            | 10752   | pc_RAB_A_18n_8 |  |
|   |   |                        | DL Max CC TB bits                         | 640   |                |  |
|   |   |                        | DL Max TC TB bits                         | N/A   |                |  |
|   |   |                        | DL Max TrCHs                              | 16  |                |  |
|   |   |                        | DL Max CCTrCH                             | N/A   |                |  |
|   |   |                        | DL Max TTI TB                             | N/A   |                |  |
|   |   |                        | DL Max TFS                                | N/A   |                |  |
|   |   |                        | DL Max TF                                 | N/A   |                |  |
|   |   |                        | DL TC                                     | N/A   |                |  |
|   |   |                        | Other required UE radio access capability | Max. sync radio links per frame which carry MTCH: 3 |                |  |
| 9 | 124.4kbps RB for MBSFN MTCH with 80ms TTI | 34.108<br>6.10.3.4.4.9 | DL Max TB bits                            | 43603   | pc_RAB_A_18n_9 |  |
|   |   |                        | DL Max CC TB bits                         | N/A   |                |  |
|   |   |                        | DL Max TC TB bits                         | 43603   |                |  |

|    |   |                         |   |                             |                 |                                     |
|----|---|-------------------------|---|-----------------------------|-----------------|-------------------------------------|
|    |   |                         | DL Max TrCHs                              | 4                           |                 | per S-CCPCH carrying MTCH           |
|    |   |                         | DL Max CCTrCH                             | N/A                         |                 |                                     |
|    |   |                         | DL Max TTI TB                             | 130                         |                 |                                     |
|    |   |                         | DL Max TFS                                | 32                          |                 |                                     |
|    |   |                         | DL Max TF                                 | N/A                         |                 |                                     |
|    |   |                         | DL TC                                     | Yes                         |                 |                                     |
|    |   |                         | Other required UE radio access capability | Max. timeslots per frame: 3 |                 |                                     |
| 10 | 320.4kbps RB for MBSFN MTCH with 80ms TTI | 34.108<br>6.10.3.4.4.10 | DL Max TB bits                            | 43603                       | pc_RAB_A_18n_10 | per S-CCPCH carrying MTCH           |
|    |   |                         | DL Max CC TB bits                         | N/A                         |                 |                                     |
|    |   |                         | DL Max TC TB bits                         | 43603                       |                 |                                     |
|    |   |                         | DL Max TrCHs                              | 4                           |                 | per S-CCPCH carrying MTCH           |
|    |   |                         | DL Max CCTrCH                             | N/A                         |                 |                                     |
|    |   |                         | DL Max TTI TB                             | 130                         |                 |                                     |
|    |   |                         | DL Max TFS                                | 32                          |                 |                                     |
|    |   |                         | DL Max TF                                 | N/A                         |                 |                                     |
|    |   |                         | DL TC                                     | Yes                         |                 |                                     |
|    |   |                         | Other required UE radio access capability | Max. timeslots per frame: 3 |                 |                                     |
| 11 | 497.6kbps RB for MBSFN MTCH with 80ms TTI | 34.108<br>6.10.3.4.4.11 | DL Max TB bits                            | 43603                       | pc_RAB_A_18n_11 | per S-CCPCH carrying MTCH           |
|    |   |                         | DL Max CC TB bits                         | N/A                         |                 |                                     |
|    |   |                         | DL Max TC TB bits                         | 43603                       |                 |                                     |
|    |   |                         | DL Max TrCHs                              | 4                           |                 | per S-CCPCH carrying MTCH           |
|    |   |                         | DL Max CCTrCH                             | N/A                         |                 |                                     |
|    |   |                         | DL Max TTI TB                             | 130                         |                 |                                     |
|    |   |                         | DL Max TFS                                | 32                          |                 |                                     |
|    |   |                         | DL Max TF                                 | N/A                         |                 |                                     |
|    |   |                         | DL TC                                     | Yes                         |                 |                                     |
|    |   |                         | Other required UE radio access capability | Max. timeslots per frame: 3 |                 |                                     |
| 12 | 7.2kbps signalling RB for MBSFN MCCH      | 34.108<br>6.10.3.4.4.12 | DL Max TB bits                            | 43603                       | pc_RAB_A_18n_12 | per S-CCPCH carrying MTCH/MCCH/MSCH |
|    |   |                         | DL Max CC TB bits                         | N/A                         |                 |                                     |
|    |   |                         | DL Max TC TB bits                         | 43603                       |                 |                                     |
|    |   |                         | DL Max TrCHs                              | 4                           |                 | per S-CCPCH carrying MTCH/MCCH/MSCH |
|    |   |                         | DL Max CCTrCH                             | N/A                         |                 |                                     |
|    |   |                         | DL Max TTI TB                             | 130                         |                 |                                     |
|    |   |                         | DL Max TFS                                | 32                          |                 |                                     |
|    |   |                         | DL Max TF                                 | N/A                         |                 |                                     |
|    |   |                         | DL TC                                     | Yes                         |                 |                                     |
|    |   |                         | Other required UE radio access capability | Max. timeslots per frame: 3 |                 |                                     |

**Table A.18o: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on PRACH**

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on PRACH                                  | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|--|------------------------|---|---|----------------|----------|
| 1   | SRB for CCCH + SRB for DCCH  | 34.108<br>6.10.3.4.5.1 | UL Max TB bits  | 640   | pc_RAB_A_18o_1 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 2   |                |          |
|   |  |                        | UL Max TFS  | 4   |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | N/A   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |
| 2   | Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH  | 34.108<br>6.10.3.4.5.2 | UL Max TB bits  | 640   | pc_RAB_A_18o_2 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 2   |                |          |
|   |  |                        | UL Max TFS  | 4   |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | N/A   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |
| 3   | Interactive/Background 12.8 kbps PS RAB +<br>Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH | 34.108<br>6.10.3.4.5.3 | UL Max TB bits  | 640   | pc_RAB_A_18o_3 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 2   |                |          |
|   |  |                        | UL Max TFS  | 4   |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | N/A   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |

**Table A.18p: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH**

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration for combination on DPCH and HS-PDSCH                              | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|--|------------------------|---|---|----------------|----------|
| 1   | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.3.4.6.1 | HS-PDSCH  | Yes   | pc_RAB_A_18p_1 |          |
|   |  |                        | DL Max TB bits  | 640   |                |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
|   |  |                        | DL Max TTI TB   | 4   |                |          |
|   |  |                        | DL Max TFS  | 16  |                |          |
|   |  |                        | DL Max TF   | 32  |                |          |
|   |  |                        | DL TC   | N/A   |                |          |
|   |  |                        | UL Max TB bits  | 2560  |                |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | 2560  |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 8   |                |          |
|   |  |                        | UL Max TFS  | 16  |                |          |
| UL Max TF                                 | 32   |                        |   |   |                |          |
| UL TC                                     | Yes  |                        |   |   |                |          |
| Other required UE radio access capability | None   |                        |   |   |                |          |
| 2   | Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.6.2 | HS-PDSCH  | Yes   | pc_RAB_A_18p_2 |          |
|   |  |                        | DL Max TB bits  | 640   |                |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
|   |  |                        | DL Max TTI TB   | 4   |                |          |
|   |  |                        | DL Max TFS  | 16  |                |          |
|   |  |                        | DL Max TF   | 32  |                |          |
|   |  |                        | DL TC   | N/A   |                |          |
|   |  |                        | UL Max TB bits  | 3840  |                |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | 3840  |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 16  |                |          |
|   |  |                        | UL Max TFS  | 16  |                |          |
| UL Max TF                                 | 32   |                        |   |   |                |          |
| UL TC                                     | Yes  |                        |   |   |                |          |
| Other required UE radio access capability | None   |                        |   |   |                |          |
| 3   | Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.6.3 | HS-PDSCH  | Yes   | pc_RAB_A_18p_3 |          |
|   |  |                        | DL Max TB bits  | 640   |                |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
| DL Max TTI TB                             | 4  |                        |   |   |                |          |

|   |   |                        |   |      |                |
|---|---|------------------------|---|------|----------------|
|   |   |                        | DL Max TFS                                | 16   |                |
|   |   |                        | DL Max TF                                 | 32   |                |
|   |   |                        | DL TC                                     | N/A  |                |
|   |   |                        | UL Max TB bits                            | 5120 |                |
|   |   |                        | UL Max CC TB bits                         | 640  |                |
|   |   |                        | UL Max TC TB bits                         | 5120 |                |
|   |   |                        | UL Max TrCHs                              | 2    |                |
|   |   |                        | UL Max CCTrCH                             | 1    |                |
|   |   |                        | UL Max TTI TB                             | 16   |                |
|   |   |                        | UL Max TFS                                | 16   |                |
|   |   |                        | UL Max TF                                 | 32   |                |
|   |   |                        | UL TC                                     | Yes  |                |
|   |   |                        | Other required UE radio access capability | None |                |
| 4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.6.4 | HS-PDSCH                                  | Yes  | pc_RAB_A_18p_4 |
|   |   |                        | DL Max TB bits                            | 640  |                |
|   |   |                        | DL Max CC TB bits                         | 640  |                |
|   |   |                        | DL Max TC TB bits                         | N/A  |                |
|   |   |                        | DL Max TrCHs                              | 4    |                |
|   |   |                        | DL Max CCTrCH                             | 1    |                |
|   |   |                        | DL Max TTI TB                             | 4    |                |
|   |   |                        | DL Max TFS                                | 16   |                |
|   |   |                        | DL Max TF                                 | 32   |                |
|   |   |                        | DL TC                                     | N/A  |                |
|   |   |                        | UL Max TB bits                            | 5120 |                |
|   |   |                        | UL Max CC TB bits                         | 640  |                |
|   |   |                        | UL Max TC TB bits                         | 5120 |                |
|   |   |                        | UL Max TrCHs                              | 8    |                |
|   |   |                        | UL Max CCTrCH                             | 1    |                |
|   |   |                        | UL Max TTI TB                             | 16   |                |
|   |   |                        | UL Max TFS                                | 64   |                |
|   |   |                        | UL Max TF                                 | 32   |                |
|   |   |                        | UL TC                                     | Yes  |                |
|   |   |                        | Other required UE radio access capability | None |                |
| 5 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.10.3.4.6.5 | HS-PDSCH                                  | Yes  | pc_RAB_A_18p_5 |
|   |   |                        | DL Max TB bits                            | 640  |                |
|   |   |                        | DL Max CC TB bits                         | 640  |                |
|   |   |                        | DL Max TC TB bits                         | N/A  |                |
|   |   |                        | DL Max TrCHs                              | 4    |                |
|   |   |                        | DL Max CCTrCH                             | 1    |                |
|   |   |                        | DL Max TTI TB                             | 4    |                |
|   |   |                        | DL Max TFS                                | 16   |                |
|   |   |                        | DL Max TF                                 | 32   |                |
|   |   |                        | DL TC                                     | N/A  |                |
|   |   |                        | UL Max TB bits                            | 2560 |                |
|   |   |                        | UL Max CC TB bits                         | 640  |                |
|   |   |                        | UL Max TC TB bits                         | 2560 |                |
|   |   |                        | UL Max TrCHs                              | 8    |                |
|   |   |                        | UL Max CCTrCH                             | 1    |                |
|   |   |                        | UL Max TTI TB                             | 8    |                |
|   |   |                        | UL Max TFS                                | 32   |                |
|   |   |                        | UL Max TF                                 | 32   |                |

|   |  |                        |   |      |                |  |
|---|--|------------------------|---|------|----------------|--|
|   |  |                        | UL TC                                     | Yes  |                |  |
|   |  |                        | Other required UE radio access capability | None |                |  |
| 6 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                   | 34.108<br>6.10.3.4.6.6 | HS-PDSCH                                  | Yes  | pc_RAB_A_18p_6 |  |
|   |  |                        | DL Max TB bits                            | 640  |                |  |
|   |  |                        | DL Max CC TB bits                         | 640  |                |  |
|   |  |                        | DL Max TC TB bits                         | N/A  |                |  |
|   |  |                        | DL Max TrCHs                              | 4    |                |  |
|   |  |                        | DL Max CCTrCH                             | 1    |                |  |
|   |  |                        | DL Max TTI TB                             | 4    |                |  |
|   |  |                        | DL Max TFS                                | 16   |                |  |
|   |  |                        | DL Max TF                                 | 32   |                |  |
|   |  |                        | DL TC                                     | N/A  |                |  |
|   |  |                        | UL Max TB bits                            | 7680 |                |  |
|   |  |                        | UL Max CC TB bits                         | 640  |                |  |
|   |  |                        | UL Max TC TB bits                         | 7680 |                |  |
|   |  |                        | UL Max TrCHs                              | 4    |                |  |
|   |  |                        | UL Max CCTrCH                             | 1    |                |  |
|   |  |                        | UL Max TTI TB                             | 32   |                |  |
|   |  |                        | UL Max TFS                                | 32   |                |  |
|   |  |                        | UL Max TF                                 | 32   |                |  |
|   |  |                        | UL TC                                     | Yes  |                |  |
|   |  |                        | Other required UE radio access capability | None |                |  |
| 7 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                    | 34.108<br>6.10.3.4.6.7 | HS-PDSCH                                  | Yes  | pc_RAB_A_18p_7 |  |
|   |  |                        | DL Max TB bits                            | 3840 |                |  |
|   |  |                        | DL Max CC TB bits                         | 640  |                |  |
|   |  |                        | DL Max TC TB bits                         | 2560 |                |  |
|   |  |                        | DL Max TrCHs                              | 4    |                |  |
|   |  |                        | DL Max CCTrCH                             | 1    |                |  |
|   |  |                        | DL Max TTI TB                             | 8    |                |  |
|   |  |                        | DL Max TFS                                | 16   |                |  |
|   |  |                        | DL Max TF                                 | 32   |                |  |
|   |  |                        | DL TC                                     | Yes  |                |  |
|   |  |                        | UL Max TB bits                            | 5120 |                |  |
|   |  |                        | UL Max CC TB bits                         | 640  |                |  |
|   |  |                        | UL Max TC TB bits                         | 5120 |                |  |
|   |  |                        | UL Max TrCHs                              | 4    |                |  |
|   |  |                        | UL Max CCTrCH                             | 1    |                |  |
|   |  |                        | UL Max TTI TB                             | 16   |                |  |
|   |  |                        | UL Max TFS                                | 32   |                |  |
|   |  |                        | UL Max TF                                 | 32   |                |  |
|   |  |                        | UL TC                                     | Yes  |                |  |
|   |  |                        | Other required UE radio access capability | None |                |  |
| 8 | Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.6.8 | HS-PDSCH                                  | Yes  | pc_RAB_A_18p_8 |  |
|   |  |                        | DL Max TB bits                            | 640  |                |  |



|    |   |                         |   |      |                 |
|----|---|-------------------------|---|------|-----------------|
|    |   |                         | DL Max CC TB bits                         | 640  |                 |
|    |   |                         | DL Max TC TB bits                         | N/A  |                 |
|    |   |                         | DL Max TrCHs                              | 4    |                 |
|    |   |                         | DL Max CCTrCH                             | 1    |                 |
|    |   |                         | DL Max TTI TB                             | 4    |                 |
|    |   |                         | DL Max TFS                                | 16   |                 |
|    |   |                         | DL Max TF                                 | 32   |                 |
|    |   |                         | DL TC                                     | N/A  |                 |
|    |   |                         | UL Max TB bits                            | 5120 |                 |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |
|    |   |                         | UL Max TC TB bits                         | 5120 |                 |
|    |   |                         | UL Max TrCHs                              | 2    |                 |
|    |   |                         | UL Max CCTrCH                             | 1    |                 |
|    |   |                         | UL Max TTI TB                             | 16   |                 |
|    |   |                         | UL Max TFS                                | 16   |                 |
|    |   |                         | UL Max TF                                 | 32   |                 |
|    |   |                         | UL TC                                     | Yes  |                 |
|    |   |                         | Other required UE radio access capability | None |                 |
| 9  | Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                    | 34.108<br>6.10.3.4.6.9  | HS-PDSCH                                  | Yes  | pc_RAB_A_18p_9  |
|    |   |                         | DL Max TB bits                            | 640  |                 |
|    |   |                         | DL Max CC TB bits                         | 640  |                 |
|    |   |                         | DL Max TC TB bits                         | N/A  |                 |
|    |   |                         | DL Max TrCHs                              | 4    |                 |
|    |   |                         | DL Max CCTrCH                             | 1    |                 |
|    |   |                         | DL Max TTI TB                             | 4    |                 |
|    |   |                         | DL Max TFS                                | 16   |                 |
|    |   |                         | DL Max TF                                 | 32   |                 |
|    |   |                         | DL TC                                     | N/A  |                 |
|    |   |                         | UL Max TB bits                            | 2560 |                 |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |
|    |   |                         | UL Max TC TB bits                         | 2560 |                 |
|    |   |                         | UL Max TrCHs                              | 2    |                 |
|    |   |                         | UL Max CCTrCH                             | 1    |                 |
|    |   |                         | UL Max TTI TB                             | 8    |                 |
|    |   |                         | UL Max TFS                                | 16   |                 |
|    |   |                         | UL Max TF                                 | 32   |                 |
|    |   |                         | UL TC                                     | Yes  |                 |
|    |   |                         | Other required UE radio access capability | None |                 |
| 10 | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.6.10 | HS-PDSCH                                  | Yes  | pc_RAB_A_18p_10 |
|    |   |                         | DL Max TB bits                            | 640  |                 |
|    |   |                         | DL Max CC TB bits                         | 640  |                 |
|    |   |                         | DL Max TC TB bits                         | N/A  |                 |
|    |   |                         | DL Max TrCHs                              | 4    |                 |
|    |   |                         | DL Max CCTrCH                             | 1    |                 |
|    |   |                         | DL Max TTI TB                             | 4    |                 |
|    |   |                         | DL Max TFS                                | 16   |                 |
|    |   |                         | DL Max TF                                 | 32   |                 |
|    |   |                         | DL TC                                     | N/A  |                 |

|    |   |                         |   |      |                 |
|----|---|-------------------------|---|------|-----------------|
|    |   |                         | UL Max TB bits                            | 6400 |                 |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |
|    |   |                         | UL Max TC TB bits                         | 6400 |                 |
|    |   |                         | UL Max TrCHs                              | 4    |                 |
|    |   |                         | UL Max CCTrCH                             | 1    |                 |
|    |   |                         | UL Max TTI TB                             | 16   |                 |
|    |   |                         | UL Max TFS                                | 48   |                 |
|    |   |                         | UL Max TF                                 | 32   |                 |
|    |   |                         | UL TC                                     | Yes  |                 |
|    |   |                         | Other required UE radio access capability | None |                 |
| 11 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.10.3.4.6.11 | HS-PDSCH                                  | Yes  | pc_RAB_A_18p_11 |
|    |   |                         | DL Max TB bits                            | 3840 |                 |
|    |   |                         | DL Max CC TB bits                         | 640  |                 |
|    |   |                         | DL Max TC TB bits                         | 2560 |                 |
|    |   |                         | DL Max TrCHs                              | 4    |                 |
|    |   |                         | DL Max CCTrCH                             | 1    |                 |
|    |   |                         | DL Max TTI TB                             | 8    |                 |
|    |   |                         | DL Max TFS                                | 16   |                 |
|    |   |                         | DL Max TF                                 | 32   |                 |
|    |   |                         | DL TC                                     | Yes  |                 |
|    |   |                         | UL Max TB bits                            | 6400 |                 |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |
|    |   |                         | UL Max TC TB bits                         | 6400 |                 |
|    |   |                         | UL Max TrCHs                              | 8    |                 |
|    |   |                         |   | 1    |                 |
|    |   |                         | UL Max TTI TB                             | 16   |                 |
|    |   |                         | UL Max TFS                                | 64   |                 |
|    |   |                         | UL Max TF                                 | 32   |                 |
|    |   |                         | UL TC                                     | Yes  |                 |
|    |   |                         | Other required UE radio access capability | None |                 |

**Table A.18p2: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on DPCH, HS-PDSCH and E-PUCH**

| Item                                      | 3.84Mcps TDD interoperability radio bearer configuration on DPCH, HS-PDSCH and E-PUCH  | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|---|--|------------------------|---|---|-----------------|----------|
| 1   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH  | 34.108<br>6.10.3.4.7.1 | HS-PDSCH  | Yes   | pc_RAB_A_18p2_1 |          |
|   |  |                        | E-PUCH  | Yes   |                 |          |
|   |  |                        | DL Max TB bits  | 640   |                 |          |
|   |  |                        | DL Max CC TB bits   | 640   |                 |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                 |          |
|   |  |                        | DL Max TrCHs  | 4   |                 |          |
|   |  |                        | DL Max CCTrCH   | 1   |                 |          |
|   |  |                        | DL Max TTI TB   | 4   |                 |          |
|   |  |                        | DL Max TFS  | 16  |                 |          |
|   |  |                        | DL Max TF   | 32  |                 |          |
|   |  |                        | DL TC   | N/A   |                 |          |
|   |  |                        | UL Max TB bits  | 640   |                 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                 |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                 |          |
|   |  |                        | UL Max TrCHs  | 2   |                 |          |
|   |  |                        | UL Max CCTrCH   | 1   |                 |          |
|   |  |                        | UL Max TTI TB   | 2   |                 |          |
|   |  |                        | UL Max TFS  | 4   |                 |          |
|   |  |                        | UL Max TF   | 32  |                 |          |
|   |  |                        | UL TC   | Yes   |                 |          |
| Other required UE radio access capability | None   |                        |   |   |                 |          |
| 2   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | 34.108<br>6.10.3.4.7.3 | HS-PDSCH  | Yes   | pc_RAB_A_18p2_2 |          |
|   |  |                        | E-PUCH  | Yes   |                 |          |
|   |  |                        | DL Max TB bits  | 640   |                 |          |
|   |  |                        | DL Max CC TB bits   | 640   |                 |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                 |          |
|   |  |                        | DL Max TrCHs  | 4   |                 |          |
|   |  |                        | DL Max CCTrCH   | 1   |                 |          |
|   |  |                        | DL Max TTI TB   | 4   |                 |          |
|   |  |                        | DL Max TFS  | 16  |                 |          |
|   |  |                        | DL Max TF   | 32  |                 |          |
|   |  |                        | DL TC   | N/A   |                 |          |
|   |  |                        | UL Max TB bits  | 640   |                 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                 |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                 |          |
|   |  |                        | UL Max TrCHs  | 2   |                 |          |
|   |  |                        | UL Max CCTrCH   | 1   |                 |          |
|   |  |                        | UL Max TTI TB   | 2   |                 |          |
|   |  |                        | UL Max TFS  | 4   |                 |          |
|   |  |                        | UL Max TF   | 32  |                 |          |
|   |  |                        | UL TC   | Yes   |                 |          |
| Other required UE radio access capability | None   |                        |   |   |                 |          |

|   |  |                        |                   |     |                 |
|---|--|------------------------|-------------------|-----|-----------------|
| 3   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.10.3.4.7.4 | HS-PDSCH          | Yes | pc_RAB_A_18p2_3 |
|   |  |                        | E-PUCH            | Yes |                 |
|   |  |                        | DL Max TB bits    | 640 |                 |
|   |  |                        | DL Max CC TB bits | 640 |                 |
|   |  |                        | DL Max TC TB bits | N/A |                 |
|   |  |                        | DL Max TrCHs      | 4   |                 |
|   |  |                        | DL Max CCTrCH     | 1   |                 |
|   |  |                        | DL Max TTI TB     | 4   |                 |
|   |  |                        | DL Max TFS        | 16  |                 |
|   |  |                        | DL Max TF         | 32  |                 |
|   |  |                        | DL TC             | N/A |                 |
|   |  |                        | UL Max TB bits    | 640 |                 |
|   |  |                        | UL Max CC TB bits | 640 |                 |
|   |  |                        | UL Max TC TB bits | N/A |                 |
|   |  |                        | UL Max TrCHs      | 4   |                 |
|   |  |                        | UL Max CCTrCH     | 1   |                 |
|   |  |                        | UL Max TTI TB     | 4   |                 |
|   |  |                        | UL Max TFS        | 8   |                 |
|   |  |                        | UL Max TF         | 32  |                 |
|   |  |                        | UL TC             | Yes |                 |
| Other required UE radio access capability | None   |                        |                   |     |                 |
| 4   | Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 34.108<br>6.10.3.4.7.5 | HS-PDSCH          | Yes | pc_RAB_A_18p2_4 |
|   |  |                        | E-PUCH            | Yes |                 |
|   |  |                        | DL Max TB bits    | 640 |                 |
|   |  |                        | DL Max CC TB bits | 640 |                 |
|   |  |                        | DL Max TC TB bits | N/A |                 |
|   |  |                        | DL Max TrCHs      | 4   |                 |
|   |  |                        | DL Max CCTrCH     | 1   |                 |
|   |  |                        | DL Max TTI TB     | 4   |                 |
|   |  |                        | DL Max TFS        | 16  |                 |
|   |  |                        | DL Max TF         | 32  |                 |
|   |  |                        | DL TC             | N/A |                 |
|   |  |                        | UL Max TB bits    | 640 |                 |
|   |  |                        | UL Max CC TB bits | 640 |                 |
|   |  |                        | UL Max TC TB bits | N/A |                 |
|   |  |                        | UL Max TrCHs      | 4   |                 |
|   |  |                        | UL Max CCTrCH     | 1   |                 |
|   |  |                        | UL Max TTI TB     | 4   |                 |
|   |  |                        | UL Max TFS        | 8   |                 |
|   |  |                        | UL Max TF         | 32  |                 |
|   |  |                        | UL TC             | Yes |                 |
| Other required UE radio access capability | None   |                        |                   |     |                 |

#### A.4.3.3.4 TDD Radio Bearer Capabilities (7.68 Mcps option)

The applicability column in table A.18k specifies the minimum UE radio access capability for which radio bearer configurations are applicable. The UE radio access capability parameters and their possible value range are defined in TS 25.306 [34a] clause 5.1.

The following labels have been used in tables A.18q to A.18v to represent the various UE radio access capability parameters:

|  | <b>Label</b>      | <b>UE radio access capability parameter as defined in [34a] 25.306.</b>  |
|--|-------------------|--|
| Transport channel parameters in downlink | DL Max TB bits    | Maximum sum of number of bits of all transport blocks being received at an arbitrary time instant                          |
|  | DL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being received at an arbitrary time instant    |
|  | DL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being received at an arbitrary time instant              |
|  | DL Max TrCHs      | Maximum number of simultaneous transport channels  |
|  | DL Max CCTrCH     | Maximum number of simultaneous CCTrCH  |
|  | DL Max TTI TB     | Maximum total number of transport blocks received within TTIs that end within the same 10 ms interval                      |
|  | DL Max TFS        | Maximum number of TFC in the TFCS  |
|  | DL Max TF         | Maximum number of TF   |
|  | DL TC             | Support for turbo decoding   |
| Transport channel parameters in uplink   | UL Max TB bits    | Maximum sum of number of bits of all transport blocks being transmitted at an arbitrary time instant                       |
|  | UL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being transmitted at an arbitrary time instant |
|  | UL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being transmitted at an arbitrary time instant           |
|  | UL Max TrCHs      | Maximum number of simultaneous transport channels  |
|  | UL Max CCTrCH     | Maximum number of simultaneous CCTrCH  |
|  | UL Max TTI TB     | Maximum total number of transport blocks transmitted within TTIs that start at the same time                               |
|  | UL Max TFS        | Maximum number of TFC in the TFCS  |
|  | UL Max TF         | Maximum number of TF   |
|  | UL TC             | Support for turbo encoding   |

**Table A.18q: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on DPCH.**

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|---|---|-------------------------|---|---|-----------------|----------|
|   |   |                         | Parameter   | Value   |                 |          |
| 1   | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH                                      | 34.108<br>6.11.6.4.1.1  | DL Max TB bits  | 640   | pc_RAB_A_18q_1  |          |
|   |   |                         | DL Max CC TB bits   | 640   |                 |          |
|   |   |                         | DL Max TC TB bits   | N/A   |                 |          |
|   |   |                         | DL Max TrCHs  | 4   |                 |          |
|   |   |                         | DL Max CCTrCH   | 1   |                 |          |
|   |   |                         | DL Max TTI TB   | 4   |                 |          |
|   |   |                         | DL Max TFS  | 16  |                 |          |
|   |   |                         | DL Max TF   | 32  |                 |          |
|   |   |                         | DL TC   | N/A   |                 |          |
|   |   |                         | UL Max TB bits  | 640   |                 |          |
|   |   |                         | UL Max CC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TC TB bits   | N/A   |                 |          |
|   |   |                         | UL Max TrCHs  | 2   |                 |          |
|   |   |                         | UL Max CCTrCH   | 1   |                 |          |
|   |   |                         | UL Max TTI TB   | 2   |                 |          |
|   |   |                         | UL Max TFS  | 4   |                 |          |
|   |   |                         | UL Max TF   | 32  |                 |          |
| UL TC                                     | N/A   |                         |   |   |                 |          |
| Other required UE radio access capability | None  |                         |   |   |                 |          |
| 1a  | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH (multiframe)                         | 34.108<br>6.11.6.4.1.1a | DL Max TB bits  | 640   | pc_RAB_A_18q_1a |          |
|   |   |                         | DL Max CC TB bits   | 640   |                 |          |
|   |   |                         | DL Max TC TB bits   | N/A   |                 |          |
|   |   |                         | DL Max TrCHs  | 4   |                 |          |
|   |   |                         | DL Max CCTrCH   | 1   |                 |          |
|   |   |                         | DL Max TTI TB   | 4   |                 |          |
|   |   |                         | DL Max TFS  | 16  |                 |          |
|   |   |                         | DL Max TF   | 32  |                 |          |
|   |   |                         | DL TC   | N/A   |                 |          |
|   |   |                         | UL Max TB bits  | 640   |                 |          |
|   |   |                         | UL Max CC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TC TB bits   | N/A   |                 |          |
|   |   |                         | UL Max TrCHs  | 2   |                 |          |
|   |   |                         | UL Max CCTrCH   | 1   |                 |          |
|   |   |                         | UL Max TTI TB   | 2   |                 |          |
|   |   |                         | UL Max TFS  | 4   |                 |          |
|   |   |                         | UL Max TF   | 32  |                 |          |
| UL TC                                     | N/A   |                         |   |   |                 |          |
| Other required UE radio access capability | None  |                         |   |   |                 |          |
| 2   | Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH                                      | 34.108<br>6.11.6.4.1.2  | DL Max TB bits  | 640   | pc_RAB_A_18q_2  |          |
|   |   |                         | DL Max CC TB bits   | 640   |                 |          |
|   |   |                         | DL Max TC TB bits   | N/A   |                 |          |
|   |   |                         | DL Max TrCHs  | 4   |                 |          |
|   |   |                         | DL Max CCTrCH   | 1   |                 |          |
|   |   |                         | DL Max TTI TB   | 4   |                 |          |
|   |   |                         | DL Max TFS  | 16  |                 |          |
|   |   |                         | DL Max TF   | 32  |                 |          |
|   |   |                         | DL TC   | N/A   |                 |          |
|   |   |                         | UL Max TB bits  | 640   |                 |          |
|   |   |                         | UL Max CC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TC TB bits   | N/A   |                 |          |



| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)                                  | Mnemonic       | Comments |
|---|---|------------------------|---|--|----------------|----------|
|   |   |                        | Parameter   | Value  |                |          |
|   |   |                        | UL Max TrCHs  | 2  |                |          |
|   |   |                        | UL Max CCTrCH   | 1  |                |          |
|   |   |                        | UL Max TTI TB   | 2  |                |          |
|   |   |                        | UL Max TFS  | 4  |                |          |
|   |   |                        | UL Max TF   | 32   |                |          |
|   |   |                        | UL TC   | N/A  |                |          |
|   |   |                        | Other required UE radio access capability                     | None   |                |          |
| 3   | Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH                                    | 34.108<br>6.11.6.4.1.3 | DL Max TB bits  | 640  | pc_RAB_A_18q_3 |          |
|   |   |                        | DL Max CC TB bits   | 640  |                |          |
|   |   |                        | DL Max TC TB bits   | N/A  |                |          |
|   |   |                        | DL Max TrCHs  | 4  |                |          |
|   |   |                        | DL Max CCTrCH   | 1  |                |          |
|   |   |                        | DL Max TTI TB   | 4  |                |          |
|   |   |                        | DL Max TFS  | 16   |                |          |
|   |   |                        | DL Max TF   | 32   |                |          |
|   |   |                        | DL TC   | N/A  |                |          |
|   |   |                        | UL Max TB bits  | 640  |                |          |
|   |   |                        | UL Max CC TB bits   | 640  |                |          |
|   |   |                        | UL Max TC TB bits   | N/A  |                |          |
|   |   |                        | UL Max TrCHs  | 2  |                |          |
|   |   |                        | UL Max CCTrCH   | 1  |                |          |
|   |   |                        | UL Max TTI TB   | 2  |                |          |
|   |   |                        | UL Max TFS  | 4  |                |          |
|   |   |                        | UL Max TF   | 32   |                |          |
|   |   |                        | UL TC   | N/A  |                |          |
|   |   |                        | Other required UE radio access capability                     | None   |                |          |
|   |   |                        | 4   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH |                |          |
| DL Max CC TB bits                         | 640   |                        |   |  |                |          |
| DL Max TC TB bits                         | N/A   |                        |   |  |                |          |
| DL Max TrCHs                              | 4   |                        |   |  |                |          |
| DL Max CCTrCH                             | 1   |                        |   |  |                |          |
| DL Max TTI TB                             | 4   |                        |   |  |                |          |
| DL Max TFS                                | 16  |                        |   |  |                |          |
| DL Max TF                                 | 32  |                        |   |  |                |          |
| DL TC                                     | N/A   |                        |   |  |                |          |
| UL Max TB bits                            | 640   |                        |   |  |                |          |
| UL Max CC TB bits                         | 640   |                        |   |  |                |          |
| UL Max TC TB bits                         | N/A   |                        |   |  |                |          |
| UL Max TrCHs                              | 4   |                        |   |  |                |          |
| UL Max CCTrCH                             | 1   |                        |   |  |                |          |
| UL Max TTI TB                             | 4   |                        |   |  |                |          |
| UL Max TFS                                | 8   |                        |   |  |                |          |
| UL Max TF                                 | 32  |                        |   |  |                |          |
| UL TC                                     | N/A   |                        |   |  |                |          |
| Other required UE radio access capability | None  |                        |   |  |                |          |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|---|--|-------------------------|---|---|-----------------|----------|
|   |  |                         | Parameter   | Value   |                 |          |
| 4a  | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.    | 34.108<br>6.11.6.4.1.4a | DL Max TB bits  | 640   | pc_RAB_A_18q_4a |          |
|   |  |                         | DL Max CC TB bits   | 640   |                 |          |
|   |  |                         | DL Max TC TB bits   | N/A   |                 |          |
|   |  |                         | DL Max TrCHs  | 4   |                 |          |
|   |  |                         | DL Max CCTrCH   | 1   |                 |          |
|   |  |                         | DL Max TTI TB   | 4   |                 |          |
|   |  |                         | DL Max TFS  | 16  |                 |          |
|   |  |                         | DL Max TF   | 32  |                 |          |
|   |  |                         | DL TC   | N/A   |                 |          |
|   |  |                         | UL Max TB bits  | 640   |                 |          |
|   |  |                         | UL Max CC TB bits   | 640   |                 |          |
|   |  |                         | UL Max TC TB bits   | N/A   |                 |          |
|   |  |                         | UL Max TrCHs  | 4   |                 |          |
|   |  |                         | UL Max CCTrCH   | 1   |                 |          |
|   |  |                         | UL Max TTI TB   | 4   |                 |          |
|   |  |                         | UL Max TFS  | 16  |                 |          |
| UL Max TF                                 | 32   |                         |   |   |                 |          |
| UL TC                                     | N/A  |                         |   |   |                 |          |
| Other required UE radio access capability | None   |                         |   |   |                 |          |
| 5   | Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.11.6.4.1.5  | Same as for item 4.   |   | pc_RAB_A_18q_5  |          |
| 5a  | Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.5a | Same as for item 4a.  |   | pc_RAB_A_18q_5a |          |
| 6   | Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.11.6.4.1.6  | Same as for item 4.   |   | pc_RAB_A_18q_6  |          |
| 7   | Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.6.4.1.7  | Same as for item 4.   |   | pc_RAB_A_18q_7  |          |
| 7a  | Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.11.6.4.1.7a | Same as for item 4a.  |   | pc_RAB_A_18q_7a |          |
| 8   | Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                       | 34.108<br>6.11.6.4.1.8  | Same as for item 4.   |   | pc_RAB_A_18q_8  |          |
| 9   | Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                       | 34.108<br>6.11.6.4.1.9  | Same as for item 4.   |   | pc_RAB_A_18q_9  |          |
| 10  | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.11.6.4.1.10 | Same as for item 4.   |   | pc_RAB_A_18q_10 |          |
| 11  | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                     | 34.108<br>6.11.6.4.1.11 | Same as for item 4.   |   | pc_RAB_A_18q_11 |          |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|---|---|-------------------|----------|
|   |   |                         | Parameter   | Value   |                   |          |
| 12  | Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH         | 34.108<br>6.11.6.4.1.12 | DL Max TB bits  | 2560  | pc_RAB_A_18q_12   |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 1280  |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 4   |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 2560  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|   |   |                         | UL Max TrCHs  | 4   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TTI TB   | 4   |                   |          |
|   |   |                         | UL Max TFS  | 8   |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Y   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 13.1                                      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.6.4.1.13 | DL Max TB bits  | 2560  | pc_RAB_A_18q_13_1 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 1280  |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 4   |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 2560  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|   |   |                         | UL Max TrCHs  | 4   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TTI TB   | 4   |                   |          |
|   |   |                         | UL Max TFS  | 8   |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Y   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 13.2                                      | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.11.6.4.1.13 | DL Max TB bits  | 3840  | pc_RAB_A_18q_13_2 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 8   |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
| DL Max TF                                 | 32  |                         |   |   |                   |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|---|---|-------------------|----------|
|      |   |                         | Parameter   | Value   |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 3840  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 4   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TTI TB   | 8   |                   |          |
|      |   |                         | UL Max TFS  | 8   |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 14.1 | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.6.4.1.14 | DL Max TB bits  | 1280  | pc_RAB_A_18q_14_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 4   |                   |          |
|      |   |                         | DL Max TFS  | 16  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 1280  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TrCHs  | 4   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TTI TB   | 4   |                   |          |
|      |   |                         | UL Max TFS  | 8   |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 14.2 | Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI | 34.108<br>6.11.6.4.1.14 | DL Max TB bits  | 2560  | pc_RAB_A_18q_14_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 1280  |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 4   |                   |          |
|      |   |                         | DL Max TFS  | 16  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|      |   |                         | UL Max TrCHs  | 4   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TTI TB   | 4   |                   |          |
|      |   |                         | UL Max TFS  | 8   |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH      | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|-------------------------|---|---|-----------------|----------|
|      |  |                         | Parameter   | Value   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |
| 15   | Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.15 | DL Max TB bits  | 1280  | pc_RAB_A_18q_15 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                 |          |
|      |  |                         | DL Max TC TB bits   | 640   |                 |          |
|      |  |                         | DL Max TrCHs  | 4   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 4   |                 |          |
|      |  |                         | DL Max TFS  | 16  |                 |          |
|      |  |                         | DL Max TF   | 32  |                 |          |
|      |  |                         | DL TC   | Yes   |                 |          |
|      |  |                         | UL Max TB bits  | 1280  |                 |          |
|      |  |                         | UL Max CC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TrCHs  | 2   |                 |          |
|      |  |                         | UL Max CCTrCH   | 1   |                 |          |
|      |  |                         | UL Max TTI TB   | 2   |                 |          |
|      |  |                         | UL Max TFS  | 4   |                 |          |
|      |  |                         | UL Max TF   | 32  |                 |          |
|      |  |                         | UL TC   | Yes   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |
| 16   | Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.16 | DL Max TB bits  | 2560  | pc_RAB_A_18q_16 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                 |          |
|      |  |                         | DL Max TC TB bits   | 1280  |                 |          |
|      |  |                         | DL Max TrCHs  | 4   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 4   |                 |          |
|      |  |                         | DL Max TFS  | 16  |                 |          |
|      |  |                         | DL Max TF   | 32  |                 |          |
|      |  |                         | DL TC   | Yes   |                 |          |
|      |  |                         | UL Max TB bits  | 2560  |                 |          |
|      |  |                         | UL Max CC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TC TB bits   | 1280  |                 |          |
|      |  |                         | UL Max TrCHs  | 4   |                 |          |
|      |  |                         | UL Max CCTrCH   | 1   |                 |          |
|      |  |                         | UL Max TTI TB   | 4   |                 |          |
|      |  |                         | UL Max TFS  | 8   |                 |          |
|      |  |                         | UL Max TF   | 32  |                 |          |
|      |  |                         | UL TC   | Yes   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |
| 17   | Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.17 | DL Max TB bits  | 2560  | pc_RAB_A_18q_17 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                 |          |
|      |  |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | DL Max TrCHs  | 4   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 8   |                 |          |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                 | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|---|---|-------------------------|---|---|-----------------|----------|
|   |   |                         | Parameter   | Value   |                 |          |
|   |   |                         | DL Max TFS  | 16  |                 |          |
|   |   |                         | DL Max TF   | 32  |                 |          |
|   |   |                         | DL TC   | Yes   |                 |          |
|   |   |                         | UL Max TB bits  | 2560  |                 |          |
|   |   |                         | UL Max CC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|   |   |                         | UL Max TrCHs  | 4   |                 |          |
|   |   |                         | UL Max CCTrCH   | 1   |                 |          |
|   |   |                         | UL Max TTI TB   | 8   |                 |          |
|   |   |                         | UL Max TFS  | 16  |                 |          |
|   |   |                         | UL Max TF   | 32  |                 |          |
|   |   |                         | UL TC   | Yes   |                 |          |
|   |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 18  | Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note | 34.108<br>6.11.6.4.1.18 | DL Max TB bits  | 3840  | pc_RAB_A_18q_18 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                 |          |
|   |   |                         | DL Max TC TB bits   | 2560  |                 |          |
|   |   |                         | DL Max TrCHs  | 4   |                 |          |
|   |   |                         | DL Max CCTrCH   | 1   |                 |          |
|   |   |                         | DL Max TTI TB   | 16  |                 |          |
|   |   |                         | DL Max TFS  | 16  |                 |          |
|   |   |                         | DL Max TF   | 32  |                 |          |
|   |   |                         | DL TC   | Yes   |                 |          |
|   |   |                         | UL Max TB bits  | 1280  |                 |          |
|   |   |                         | UL Max CC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TrCHs  | 2   |                 |          |
|   |   |                         | UL Max CCTrCH   | 1   |                 |          |
|   |   |                         | UL Max TTI TB   | 2   |                 |          |
|   |   |                         | UL Max TFS  | 4   |                 |          |
|   |   |                         | UL Max TF   | 32  |                 |          |
| UL TC                                     | Yes   |                         |   |   |                 |          |
| Other required UE radio access capability | None  |                         |   |   |                 |          |
| 19  | Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH<br><br>See note | 34.108<br>6.11.6.4.1.19 | DL Max TB bits  | 1280  | pc_RAB_A_18q_19 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                 |          |
|   |   |                         | DL Max TC TB bits   | 640   |                 |          |
|   |   |                         | DL Max TrCHs  | 4   |                 |          |
|   |   |                         | DL Max CCTrCH   | 1   |                 |          |
|   |   |                         | DL Max TTI TB   | 4   |                 |          |
|   |   |                         | DL Max TFS  | 16  |                 |          |
|   |   |                         | DL Max TF   | 32  |                 |          |
|   |   |                         | DL TC   | Yes   |                 |          |
|   |   |                         | UL Max TB bits  | 3840  |                 |          |
|   |   |                         | UL Max CC TB bits   | 640   |                 |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|   |   |                         | UL Max TrCHs  | 2   |                 |          |
|   |   |                         | UL Max CCTrCH   | 1   |                 |          |
| UL Max TTI TB                             | 16  |                         |   |   |                 |          |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                     | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|---|---|-------------------|----------|
|   |   |                         | Parameter   | Value   |                   |          |
|   |   |                         | UL Max TFS  | 16  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
|   |   |                         | UL TC   | Yes   |                   |          |
|   |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 20  | Void  |                         |   |   |                   |          |
| 21  | Void  |                         |   |   |                   |          |
| 22  | Void  |                         |   |   |                   |          |
| 23.1                                      | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ Payload 320  | 34.108<br>6.11.6.4.1.23 | DL Max TB bits  | 640   | pc_RAB_A_18q_23_1 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 4   |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 1280  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|   |   |                         | UL Max TrCHs  | 2   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TTI TB   | 4   |                   |          |
|   |   |                         | UL Max TFS  | 8   |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 23.2                                      | Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload 128 | 34.108<br>6.11.6.4.1.23 | DL Max TB bits  | 640   | pc_RAB_A_18q_23_2 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 4   |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 1280  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 1280  |                   |          |
|   |   |                         | UL Max TrCHs  | 2   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TTI TB   | 8   |                   |          |
|   |   |                         | UL Max TFS  | 8   |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                       | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|---|---|--------------------------|---|---|--------------------|----------|
|   |   |                          | Parameter   | Value   |                    |          |
| 23a.1                                     | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (40ms TTI)     | 34.108<br>6.11.6.4.1.23a | DL Max TB bits  | 640   | pc_RAB_A_18q_23a_1 |          |
|   |   |                          | DL Max CC TB bits   | 640   |                    |          |
|   |   |                          | DL Max TC TB bits   | N/A   |                    |          |
|   |   |                          | DL Max TrCHs  | 4   |                    |          |
|   |   |                          | DL Max CCTrCH   | 1   |                    |          |
|   |   |                          | DL Max TTI TB   | 4   |                    |          |
|   |   |                          | DL Max TFS  | 16  |                    |          |
|   |   |                          | DL Max TF   | 32  |                    |          |
|   |   |                          | DL TC   | N/A   |                    |          |
|   |   |                          | UL Max TB bits  | 640   |                    |          |
|   |   |                          | UL Max CC TB bits   | 640   |                    |          |
|   |   |                          | UL Max TC TB bits   | N/A   |                    |          |
|   |   |                          | UL Max TrCHs  | 2   |                    |          |
|   |   |                          | UL Max CCTrCH   | 1   |                    |          |
|   |   |                          | UL Max TTI TB   | 4   |                    |          |
|   |   |                          | UL Max TFS  | 4   |                    |          |
|   |   |                          | UL Max TF   | 32  |                    |          |
| UL TC                                     | N/A   |                          |   |   |                    |          |
| Other required UE radio access capability | None  |                          |   |   |                    |          |
| 23a.2                                     | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (80ms TTI)     | 34.108<br>6.11.6.4.1.23a | DL Max TB bits  | 640   | pc_RAB_A_18q_23a_2 |          |
|   |   |                          | DL Max CC TB bits   | 640   |                    |          |
|   |   |                          | DL Max TC TB bits   | 640   |                    |          |
|   |   |                          | DL Max TrCHs  | 4   |                    |          |
|   |   |                          | DL Max CCTrCH   | 1   |                    |          |
|   |   |                          | DL Max TTI TB   | 4   |                    |          |
|   |   |                          | DL Max TFS  | 16  |                    |          |
|   |   |                          | DL Max TF   | 32  |                    |          |
|   |   |                          | DL TC   | Yes   |                    |          |
|   |   |                          | UL Max TB bits  | 640   |                    |          |
|   |   |                          | UL Max CC TB bits   | 640   |                    |          |
|   |   |                          | UL Max TC TB bits   | 640   |                    |          |
|   |   |                          | UL Max TrCHs  | 2   |                    |          |
|   |   |                          | UL Max CCTrCH   | 1   |                    |          |
|   |   |                          | UL Max TTI TB   | 8   |                    |          |
|   |   |                          | UL Max TFS  | 4   |                    |          |
|   |   |                          | UL Max TF   | 32  |                    |          |
| UL TC                                     | Yes   |                          |   |   |                    |          |
| Other required UE radio access capability | None  |                          |   |   |                    |          |
| 23b.1                                     | Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 320) | 34.108<br>6.11.6.4.1.23b | DL Max TB bits  | 1280  | pc_RAB_A_18q_23b_1 |          |
|   |   |                          | DL Max CC TB bits   | 640   |                    |          |
|   |   |                          | DL Max TC TB bits   | 1280  |                    |          |
|   |   |                          | DL Max TrCHs  | 4   |                    |          |
|   |   |                          | DL Max CCTrCH   | 1   |                    |          |
|   |   |                          | DL Max TTI TB   | 4   |                    |          |
|   |   |                          | DL Max TFS  | 16  |                    |          |
| DL Max TF                                 | 32  |                          |   |   |                    |          |



| Item  | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                                   | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic           | Comments |
|-------|---|--------------------------|---|---|--------------------|----------|
|       |   |                          | Parameter   | Value   |                    |          |
|       |   |                          | DL TC   | Yes   |                    |          |
|       |   |                          | UL Max TB bits  | 1280  |                    |          |
|       |   |                          | UL Max CC TB bits   | 640   |                    |          |
|       |   |                          | UL Max TC TB bits   | 1280  |                    |          |
|       |   |                          | UL Max TrCHs  | 2   |                    |          |
|       |   |                          | UL Max CCTrCH   | 1   |                    |          |
|       |   |                          | UL Max TTI TB   | 4   |                    |          |
|       |   |                          | UL Max TFS  | 8   |                    |          |
|       |   |                          | UL Max TF   | 32  |                    |          |
|       |   |                          | UL TC   | Yes   |                    |          |
|       |   |                          | Other required UE radio access capability                     | None  |                    |          |
| 23b.2 | Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 128)             | 34.108<br>6.11.6.4.1.23b | DL Max TB bits  | 1280  | pc_RAB_A_18q_23b_2 |          |
|       |   |                          | DL Max CC TB bits   | 640   |                    |          |
|       |   |                          | DL Max TC TB bits   | 1280  |                    |          |
|       |   |                          | DL Max TrCHs  | 4   |                    |          |
|       |   |                          | DL Max CCTrCH   | 1   |                    |          |
|       |   |                          | DL Max TTI TB   | 4   |                    |          |
|       |   |                          | DL Max TFS  | 16  |                    |          |
|       |   |                          | DL Max TF   | 32  |                    |          |
|       |   |                          | DL TC   | Yes   |                    |          |
|       |   |                          | UL Max TB bits  | 1280  |                    |          |
|       |   |                          | UL Max CC TB bits   | 640   |                    |          |
|       |   |                          | UL Max TC TB bits   | 1280  |                    |          |
|       |   |                          | UL Max TrCHs  | 2   |                    |          |
|       |   |                          | UL Max CCTrCH   | 1   |                    |          |
|       |   |                          | UL Max TTI TB   | 8   |                    |          |
|       |   |                          | UL Max TFS  | 8   |                    |          |
|       |   |                          | UL Max TF   | 32  |                    |          |
|       |   |                          | UL TC   | Yes   |                    |          |
|       |   |                          | Other required UE radio access capability                     | None  |                    |          |
| 23c.1 | Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 320)             | 34.108<br>6.11.6.4.1.23c | Same as for item 26.1   |   | pc_RAB_A_18q_23c_1 |          |
| 23c.2 | Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 128)             | 34.108<br>6.11.6.4.1.23c | Same as for item 26.2   |   | pc_RAB_A_18q_23c_2 |          |
| 23d.1 | Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 320) | 34.108<br>6.11.6.4.1.23d | Same as for item 23b.1  |   | pc_RAB_A_18q_23d_1 |          |
| 23d.2 | Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 128) | 34.108<br>6.11.6.4.1.23d | Same as for item 23b.2  |   | pc_RAB_A_18q_23d_2 |          |
| 25.1  | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload 320             | 34.108<br>6.11.6.4.1.25  | DL Max TB bits  | 2560  | pc_RAB_A_18q_25_1  |          |
|       |   |                          | DL Max CC TB bits   | 640   |                    |          |
|       |   |                          | DL Max TC TB bits   | 2560  |                    |          |
|       |   |                          | DL Max TrCHs  | 4   |                    |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                        | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|---|---|-------------------|----------|
|      |  |                         | Parameter   | Value   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 8   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 1280  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 1280  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TTI TB   | 4   |                   |          |
|      |  |                         | UL Max TFS  | 8   |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 25.2 | Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / Payload 128  | 34.108<br>6.11.6.4.1.25 | DL Max TB bits  | 2560  | pc_RAB_A_18q_25_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 8   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 1280  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 1280  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TTI TB   | 4   |                   |          |
|      |  |                         | UL Max TFS  | 8   |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 26.1 | Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 320) | 34.108<br>6.11.6.4.1.26 | DL Max TB bits  | 2560  | pc_RAB_A_18q_26_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 8   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 2560  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                        | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|---|---|-------------------|----------|
|      |  |                         | Parameter   | Value   |                   |          |
|      |  |                         | UL Max TTI TB   | 8   |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 26.2 | Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 128) | 34.108<br>6.11.6.4.1.26 | DL Max TB bits  | 2560  | pc_RAB_A_18q_26_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 8   |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 2560  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TTI TB   | 16  |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 27.1 | Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 320) | 34.108<br>6.11.6.4.1.27 | DL Max TB bits  | 3840  | pc_RAB_A_18q_27_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 3840  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 16  |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 2560  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TTI TB   | 8   |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 27.2 | Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 128) | 34.108<br>6.11.6.4.1.27 | DL Max TB bits  | 3840  | pc_RAB_A_18q_27_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                         | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|--------------------------|---|---|-------------------|----------|
|      |   |                          | Parameter   | Value   |                   |          |
|      |   |                          | DL Max TC TB bits   | 3840  |                   |          |
|      |   |                          | DL Max TrCHs  | 4   |                   |          |
|      |   |                          | DL Max CCTrCH   | 1   |                   |          |
|      |   |                          | DL Max TTI TB   | 16  |                   |          |
|      |   |                          | DL Max TFS  | 16  |                   |          |
|      |   |                          | DL Max TF   | 32  |                   |          |
|      |   |                          | DL TC   | Yes   |                   |          |
|      |   |                          | UL Max TB bits  | 2560  |                   |          |
|      |   |                          | UL Max CC TB bits   | 640   |                   |          |
|      |   |                          | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                          | UL Max TrCHs  | 2   |                   |          |
|      |   |                          | UL Max CCTrCH   | 1   |                   |          |
|      |   |                          | UL Max TTI TB   | 16  |                   |          |
|      |   |                          | UL Max TFS  | 16  |                   |          |
|      |   |                          | UL Max TF   | 32  |                   |          |
|      |   |                          | UL TC   | Yes   |                   |          |
|      |   |                          | Other required UE radio access capability                     | None  |                   |          |
| 28.1 | Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 320) | 34.108<br>6.11.6..4.1.28 | DL Max TB bits  | 3840  | pc_RAB_A_18q_28_1 |          |
|      |   |                          | DL Max CC TB bits   | 640   |                   |          |
|      |   |                          | DL Max TC TB bits   | 3840  |                   |          |
|      |   |                          | DL Max TrCHs  | 4   |                   |          |
|      |   |                          | DL Max CCTrCH   | 1   |                   |          |
|      |   |                          | DL Max TTI TB   | 16  |                   |          |
|      |   |                          | DL Max TFS  | 16  |                   |          |
|      |   |                          | DL Max TF   | 32  |                   |          |
|      |   |                          | DL TC   | Yes   |                   |          |
|      |   |                          | UL Max TB bits  | 3840  |                   |          |
|      |   |                          | UL Max CC TB bits   | 640   |                   |          |
|      |   |                          | UL Max TC TB bits   | 3840  |                   |          |
|      |   |                          | UL Max TrCHs  | 2   |                   |          |
|      |   |                          | UL Max CCTrCH   | 1   |                   |          |
|      |   |                          | UL Max TTI TB   | 16  |                   |          |
|      |   |                          | UL Max TFS  | 16  |                   |          |
|      |   |                          | UL Max TF   | 32  |                   |          |
|      |   |                          | UL TC   | Yes   |                   |          |
|      |   |                          | Other required UE radio access capability                     | None  |                   |          |
| 28.2 | Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (Payload 128) | 34.108<br>6.11.6..4.1.28 | DL Max TB bits  | 3840  | pc_RAB_A_18q_28_2 |          |
|      |   |                          | DL Max CC TB bits   | 640   |                   |          |
|      |   |                          | DL Max TC TB bits   | 3840  |                   |          |
|      |   |                          | DL Max TrCHs  | 4   |                   |          |
|      |   |                          | DL Max CCTrCH   | 1   |                   |          |
|      |   |                          | DL Max TTI TB   | 16  |                   |          |
|      |   |                          | DL Max TFS  | 16  |                   |          |
|      |   |                          | DL Max TF   | 32  |                   |          |
|      |   |                          | DL TC   | Yes   |                   |          |
|      |   |                          | UL Max TB bits  | 3840  |                   |          |
|      |   |                          | UL Max CC TB bits   | 640   |                   |          |
|      |   |                          | UL Max TC TB bits   | 3840  |                   |          |
|      |   |                          | UL Max TrCHs  | 2   |                   |          |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                         | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|---|---|-------------------|----------|
|   |   |                         | Parameter   | Value   |                   |          |
|   |   |                         | UL Max TC TB bits   | 3840  |                   |          |
|   |   |                         | UL Max TrCHs  | 2   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TTI TB   | 32  |                   |          |
|   |   |                         | UL Max TFS  | 16  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
|   |   |                         | UL TC   | Yes   |                   |          |
|   |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 29.1                                      | Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ (Payload 320) | 34.108<br>6.11.6.4.1.29 | DL Max TB bits  | 3840  | pc_RAB_A_18q_29_1 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 3840  |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 16  |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 2560  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | UL Max TrCHs  | 2   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TTI TB   | 8   |                   |          |
|   |   |                         | UL Max TFS  | 16  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 29.2                                      | Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ (Payload 128) | 34.108<br>6.11.6.4.1.29 | DL Max TB bits  | 3840  | pc_RAB_A_18q_29_2 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 3840  |                   |          |
|   |   |                         | DL Max TrCHs  | 4   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 16  |                   |          |
|   |   |                         | DL Max TFS  | 16  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 2560  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | UL Max TrCHs  | 2   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TTI TB   | 16  |                   |          |
|   |   |                         | UL Max TFS  | 16  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                        | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|---|---|-------------------|----------|
|   |  |                         | Parameter   | Value   |                   |          |
| 30.1                                      | Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (20ms TTI) | 34.108<br>6.11.6.4.1.30 | DL Max TB bits  | 3840  | pc_RAB_A_18q_30_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 3840  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 16  |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 3840  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 3840  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TTI TB   | 16  |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 30.2                                      | Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (40ms TTI) | 34.108<br>6.11.6.4.1.30 | DL Max TB bits  | 3840  | pc_RAB_A_18q_30_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 3840  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 16  |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 7680  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 7680  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TTI TB   | 48  |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
| UL TC                                     | Yes  |                         |   |   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 31.1                                      | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI    | 34.108<br>6.11.6.4.1.31 | DL Max TB bits  | 3840  | pc_RAB_A_18q_31_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 3840  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 16  |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
| DL Max TF                                 | 32   |                         |   |   |                   |          |

| Item              | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                     | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)  | Mnemonic          | Comments |
|-------------------|---|-------------------------|---|--|-------------------|----------|
|                   |   |                         | Parameter   | Value  |                   |          |
|                   |   |                         | DL TC   | Yes  |                   |          |
|                   |   |                         | UL Max TB bits  | 2560   |                   |          |
|                   |   |                         | UL Max CC TB bits   | 640  |                   |          |
|                   |   |                         | UL Max TC TB bits   | 2560   |                   |          |
|                   |   |                         | UL Max TrCHs  | 2  |                   |          |
|                   |   |                         | UL Max CCTrCH   | 1  |                   |          |
|                   |   |                         | UL Max TTI TB   | 8  |                   |          |
|                   |   |                         | UL Max TFS  | 16   |                   |          |
|                   |   |                         | UL Max TF   | 32   |                   |          |
|                   |   |                         | UL TC   | Yes  |                   |          |
|                   |   |                         | Other required UE radio access capability                     | None   |                   |          |
| 31.2              | Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI | 34.108<br>6.11.6.4.1.31 | DL Max TB bits  | 6400   | pc_RAB_A_18q_31_2 |          |
|                   |   |                         | DL Max CC TB bits   | 640  |                   |          |
|                   |   |                         | DL Max TC TB bits   | 6400   |                   |          |
|                   |   |                         | DL Max TrCHs  | 4  |                   |          |
|                   |   |                         | DL Max CCTrCH   | 1  |                   |          |
|                   |   |                         | DL Max TTI TB   | 32   |                   |          |
|                   |   |                         | DL Max TFS  | 16   |                   |          |
|                   |   |                         | DL Max TF   | 32   |                   |          |
|                   |   |                         | DL TC   | Yes  |                   |          |
|                   |   |                         | UL Max TB bits  | 2560   |                   |          |
|                   |   |                         | UL Max CC TB bits   | 640  |                   |          |
|                   |   |                         | UL Max TC TB bits   | 2560   |                   |          |
|                   |   |                         | UL Max TrCHs  | 2  |                   |          |
|                   |   |                         | UL Max CCTrCH   | 1  |                   |          |
|                   |   |                         | UL Max TTI TB   | 8  |                   |          |
|                   |   |                         | UL Max TFS  | 16   |                   |          |
|                   |   |                         | UL Max TF   | 32   |                   |          |
|                   |   |                         | UL TC   | Yes  |                   |          |
|                   |   |                         | Other required UE radio access capability                     | None   |                   |          |
|                   |   |                         | 32.1  | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI |                   |          |
| DL Max CC TB bits | 640   |                         |   |  |                   |          |
| DL Max TC TB bits | 5120  |                         |   |  |                   |          |
| DL Max TrCHs      | 4   |                         |   |  |                   |          |
| DL Max CCTrCH     | 1   |                         |   |  |                   |          |
| DL Max TTI TB     | 16  |                         |   |  |                   |          |
| DL Max TFS        | 16  |                         |   |  |                   |          |
| DL Max TF         | 32  |                         |   |  |                   |          |
| DL TC             | Yes   |                         |   |  |                   |          |
| UL Max TB bits    | 2560  |                         |   |  |                   |          |
| UL Max CC TB bits | 640   |                         |   |  |                   |          |
| UL Max TC TB bits | 2560  |                         |   |  |                   |          |
| UL Max TrCHs      | 2   |                         |   |  |                   |          |
| UL Max CCTrCH     | 1   |                         |   |  |                   |          |
| UL Max TTI TB     | 8   |                         |   |  |                   |          |
| UL Max TFS        | 16  |                         |   |  |                   |          |
| UL Max TF         | 32  |                         |   |  |                   |          |
| UL TC             | Yes   |                         |   |  |                   |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                      | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|--|-------------------------|---|---|-------------------|----------|
|      |  |                         | Parameter   | Value   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 32.2 | Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.6.4.1.32 | DL Max TB bits  | 8960  | pc_RAB_A_18q_32_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 8960  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 32  |                   |          |
|      |  |                         | DL Max TFS  | 32  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 2560  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TTI TB   | 8   |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 33.1 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.6.4.1.33 | DL Max TB bits  | 5120  | pc_RAB_A_18q_33_1 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 5120  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 16  |                   |          |
|      |  |                         | DL Max TFS  | 16  |                   |          |
|      |  |                         | DL Max TF   | 32  |                   |          |
|      |  |                         | DL TC   | Yes   |                   |          |
|      |  |                         | UL Max TB bits  | 3840  |                   |          |
|      |  |                         | UL Max CC TB bits   | 640   |                   |          |
|      |  |                         | UL Max TC TB bits   | 3840  |                   |          |
|      |  |                         | UL Max TrCHs  | 2   |                   |          |
|      |  |                         | UL Max CCTrCH   | 1   |                   |          |
|      |  |                         | UL Max TTI TB   | 16  |                   |          |
|      |  |                         | UL Max TFS  | 16  |                   |          |
|      |  |                         | UL Max TF   | 32  |                   |          |
|      |  |                         | UL TC   | Yes   |                   |          |
|      |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 33.2 | Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.6.4.1.33 | DL Max TB bits  | 8960  | pc_RAB_A_18q_33_2 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                   |          |
|      |  |                         | DL Max TC TB bits   | 8960  |                   |          |
|      |  |                         | DL Max TrCHs  | 4   |                   |          |
|      |  |                         | DL Max CCTrCH   | 1   |                   |          |
|      |  |                         | DL Max TTI TB   | 32  |                   |          |



| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH                      | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|--|-------------------------|---|---|-------------------|----------|
|   |  |                         | Parameter   | Value   |                   |          |
|   |  |                         | DL Max TFS  | 32  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 3840  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 3840  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TTI TB   | 16  |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
|   |  |                         | UL TC   | Yes   |                   |          |
|   |  |                         | Other required UE radio access capability                     | None  |                   |          |
| 34.1                                      | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.6.4.1.34 | DL Max TB bits  | 5120  | pc_RAB_A_18q_34_1 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 5120  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 16  |                   |          |
|   |  |                         | DL Max TFS  | 16  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 5120  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 5120  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TTI TB   | 16  |                   |          |
|   |  |                         | UL Max TFS  | 16  |                   |          |
|   |  |                         | UL Max TF   | 32  |                   |          |
|   |  |                         | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | None   |                         |   |   |                   |          |
| 34.2                                      | Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.6.4.1.34 | DL Max TB bits  | 8960  | pc_RAB_A_18q_34_2 |          |
|   |  |                         | DL Max CC TB bits   | 640   |                   |          |
|   |  |                         | DL Max TC TB bits   | 8960  |                   |          |
|   |  |                         | DL Max TrCHs  | 4   |                   |          |
|   |  |                         | DL Max CCTrCH   | 1   |                   |          |
|   |  |                         | DL Max TTI TB   | 32  |                   |          |
|   |  |                         | DL Max TFS  | 32  |                   |          |
|   |  |                         | DL Max TF   | 32  |                   |          |
|   |  |                         | DL TC   | Yes   |                   |          |
|   |  |                         | UL Max TB bits  | 8960  |                   |          |
|   |  |                         | UL Max CC TB bits   | 640   |                   |          |
|   |  |                         | UL Max TC TB bits   | 8960  |                   |          |
|   |  |                         | UL Max TrCHs  | 2   |                   |          |
|   |  |                         | UL Max CCTrCH   | 1   |                   |          |
|   |  |                         | UL Max TTI TB   | 32  |                   |          |
| UL Max TFS                                | 32   |                         |   |   |                   |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|---|---|-------------------|----------|
|      |   |                         | Parameter   | Value   |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 35.1 | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI  | 34.108<br>6.11.6.4.1.35 | DL Max TB bits  | 40960   | pc_RAB_A_18q_35_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 40960   |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 64  |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 2   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TTI TB   | 8   |                   |          |
|      |   |                         | UL Max TFS  | 16  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 35.2 | Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI  | 34.108<br>6.11.6.4.1.35 | DL Max TB bits  | 81920   | pc_RAB_A_18q_35_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 81920   |                   |          |
|      |   |                         | DL Max TrCHs  | 4   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 96  |                   |          |
|      |   |                         | DL Max TFS  | 64  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 2   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TTI TB   | 8   |                   |          |
|      |   |                         | UL Max TFS  | 16  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 38   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.38 | DL Max TB bits  | 1280  | pc_RAB_A_18q_38   |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|---|---|--------------------------|---|---|------------------|----------|
|   |   |                          | Parameter   | Value   |                  |          |
|   |   |                          | DL Max TC TB bits   | 640   |                  |          |
|   |   |                          | DL Max TrCHs  | 8   |                  |          |
|   |   |                          | DL Max CCTrCH   | 1   |                  |          |
|   |   |                          | DL Max TTI TB   | 8   |                  |          |
|   |   |                          | DL Max TFS  | 16  |                  |          |
|   |   |                          | DL Max TF   | 32  |                  |          |
|   |   |                          | DL TC   | Yes   |                  |          |
|   |   |                          | UL Max TB bits  | 1280  |                  |          |
|   |   |                          | UL Max CC TB bits   | 640   |                  |          |
|   |   |                          | UL Max TC TB bits   | 1280  |                  |          |
|   |   |                          | UL Max TrCHs  | 8   |                  |          |
|   |   |                          | UL Max CCTrCH   | 1   |                  |          |
|   |   |                          | UL Max TTI TB   | 8   |                  |          |
|   |   |                          | UL Max TFS  | 16  |                  |          |
|   |   |                          | UL Max TF   | 32  |                  |          |
|   |   |                          | UL TC   | Yes   |                  |          |
|   |   |                          | Other required UE radio access capability                     | None  |                  |          |
| 38a                                       | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.11.6.4.1.38a | DL Max TB bits  | 640   | pc_RAB_A_18q_38a |          |
|   |   |                          | DL Max CC TB bits   | 640   |                  |          |
|   |   |                          | DL Max TC TB bits   | N/A   |                  |          |
|   |   |                          | DL Max TrCHs  | 8   |                  |          |
|   |   |                          | DL Max CCTrCH   | 1   |                  |          |
|   |   |                          | DL Max TTI TB   | 4   |                  |          |
|   |   |                          | DL Max TFS  | 16  |                  |          |
|   |   |                          | DL Max TF   | 32  |                  |          |
|   |   |                          | DL TC   | N/A   |                  |          |
|   |   |                          | UL Max TB bits  | 640   |                  |          |
|   |   |                          | UL Max CC TB bits   | 640   |                  |          |
|   |   |                          | UL Max TC TB bits   | N/A   |                  |          |
|   |   |                          | UL Max TrCHs  | 8   |                  |          |
|   |   |                          | UL Max CCTrCH   | 1   |                  |          |
|   |   |                          | UL Max TTI TB   | 4   |                  |          |
|   |   |                          | UL Max TFS  | 8   |                  |          |
|   |   |                          | UL Max TF   | 32  |                  |          |
| UL TC                                     | N/A   |                          |   |   |                  |          |
| Other required UE radio access capability | None  |                          |   |   |                  |          |
| 38b                                       | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.11.6.4.1.38b | DL Max TB bits  | 1280  | pc_RAB_A_18q_38b |          |
|   |   |                          | DL Max CC TB bits   | 640   |                  |          |
|   |   |                          | DL Max TC TB bits   | 640   |                  |          |
|   |   |                          | DL Max TrCHs  | 8   |                  |          |
|   |   |                          | DL Max CCTrCH   | 1   |                  |          |
|   |   |                          | DL Max TTI TB   | 8   |                  |          |
|   |   |                          | DL Max TFS  | 16  |                  |          |
|   |   |                          | DL Max TF   | 32  |                  |          |
|   |   |                          | DL TC   | Yes   |                  |          |

| Item              | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)   | Mnemonic                 | Comments       |
|-------------------|--|--------------------------|---|---|--------------------------|----------------|
|                   |  |                          | Parameter   | Value   |                          |                |
|                   |  |                          | UL Max TB bits  | 1280  |                          |                |
|                   |  |                          | UL Max CC TB bits   | 640   |                          |                |
|                   |  |                          | UL Max TC TB bits   | 640   |                          |                |
|                   |  |                          | UL Max TrCHs  | 8   |                          |                |
|                   |  |                          | UL Max CCTrCH   | 1   |                          |                |
|                   |  |                          | UL Max TTI TB   | 8   |                          |                |
|                   |  |                          | UL Max TFS  | 16  |                          |                |
|                   |  |                          | UL Max TF   | 32  |                          |                |
|                   |  |                          | UL TC   | Yes   |                          |                |
|                   |  |                          | Other required UE radio access capability                     | None  |                          |                |
| 38c               | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.  | 34.108<br>6.11.6.4.1.38c | Same as for item 40   |   | pc_RAB_A_18q_38c         |                |
| 38d               | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.38d | Same as for item 40   |   |                          |                |
| 38e               | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.                          | 34.108<br>6.11.6.4.1.38e | DL Max TB bits  | 640   | pc_RAB_A_18q_38e         |                |
|                   |  |                          | DL Max CC TB bits   | 640   |                          |                |
|                   |  |                          | DL Max TC TB bits   | N/A   |                          |                |
|                   |  |                          | DL Max TrCHs  | 8   |                          |                |
|                   |  |                          | DL Max CCTrCH   | 1   |                          |                |
|                   |  |                          | DL Max TTI TB   | 4   |                          |                |
|                   |  |                          | DL Max TFS  | 16  |                          |                |
|                   |  |                          | DL Max TF   | 32  |                          |                |
|                   |  |                          | DL TC   | N/A   |                          |                |
|                   |  |                          | UL Max TB bits  | 640   |                          |                |
|                   |  |                          | UL Max CC TB bits   | 640   |                          |                |
|                   |  |                          | UL Max TC TB bits   | N/A   |                          |                |
|                   |  |                          | UL Max TrCHs  | 8   |                          |                |
|                   |  |                          | UL Max CCTrCH   | 1   |                          |                |
|                   |  |                          | UL Max TTI TB   | 4   |                          |                |
|                   |  |                          | UL Max TFS  | 16  |                          |                |
|                   |  |                          | UL Max TF   | 32  |                          |                |
|                   |  |                          | UL TC   | N/A   |                          |                |
|                   |  |                          | Other required UE radio access capability                     | None  |                          |                |
|                   |  |                          | 38f   | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.11.6.4.1.38f | DL Max TB bits |
| DL Max CC TB bits | 640  |                          |   |   |                          |                |
| DL Max TC TB bits | 640  |                          |   |   |                          |                |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic | Comments |
|---|--|--------------------------|---|---|----------|----------|
|   |  |                          | Parameter   | Value   |          |          |
|   |  |                          | DL Max TrCHs  | 8   |          |          |
|   |  |                          | DL Max CCTrCH   | 1   |          |          |
|   |  |                          | DL Max TTI TB   | 8   |          |          |
|   |  |                          | DL Max TFS  | 32  |          |          |
|   |  |                          | DL Max TF   | 32  |          |          |
|   |  |                          | DL TC   | Yes   |          |          |
|   |  |                          | UL Max TB bits  | 1280  |          |          |
|   |  |                          | UL Max CC TB bits   | 640   |          |          |
|   |  |                          | UL Max TC TB bits   | 640   |          |          |
|   |  |                          | UL Max TrCHs  | 8   |          |          |
|   |  |                          | UL Max CCTrCH   | 1   |          |          |
|   |  |                          | UL Max TTI TB   | 8   |          |          |
|   |  |                          | UL Max TFS  | 32  |          |          |
|   |  |                          | UL Max TF   | 32  |          |          |
|   |  |                          | UL TC   | Yes   |          |          |
| Other required UE radio access capability | None   |                          |   |   |          |          |
| 38g                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.38g | DL Max TB bits  | 1280  |          |          |
|   |  |                          | DL Max CC TB bits   | 640   |          |          |
|   |  |                          | DL Max TC TB bits   | 1280  |          |          |
|   |  |                          | DL Max TrCHs  | 8   |          |          |
|   |  |                          | DL Max CCTrCH   | 1   |          |          |
|   |  |                          | DL Max TTI TB   | 8   |          |          |
|   |  |                          | DL Max TFS  | 48  |          |          |
|   |  |                          | DL Max TF   | 32  |          |          |
|   |  |                          | DL TC   | Yes   |          |          |
|   |  |                          | UL Max TB bits  | 1280  |          |          |
|   |  |                          | UL Max CC TB bits   | 640   |          |          |
|   |  |                          | UL Max TC TB bits   | 1280  |          |          |
|   |  |                          | UL Max TrCHs  | 8   |          |          |
|   |  |                          | UL Max CCTrCH   | 1   |          |          |
|   |  |                          | UL Max TTI TB   | 8   |          |          |
| UL Max TFS                                | 32   |                          |   |   |          |          |
| UL Max TF                                 | 32   |                          |   |   |          |          |
| UL TC                                     | Yes  |                          |   |   |          |          |
| Other required UE radio access capability | None   |                          |   |   |          |          |
| 38h                                       | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.38h | DL Max TB bits  | 2560  |          |          |
|   |  |                          | DL Max CC TB bits   | 640   |          |          |
|   |  |                          | DL Max TC TB bits   | 2560  |          |          |
|   |  |                          | DL Max TrCHs  | 8   |          |          |
|   |  |                          | DL Max CCTrCH   | 1   |          |          |
|   |  |                          | DL Max TTI TB   | 8   |          |          |
|   |  |                          | DL Max TFS  | 48  |          |          |
|   |  |                          | DL Max TF   | 32  |          |          |
|   |  |                          | DL TC   | Yes   |          |          |

| Item              | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)   | Mnemonic                 | Comments       |
|-------------------|--|--------------------------|---|---|--------------------------|----------------|
|                   |  |                          | Parameter   | Value   |                          |                |
|                   |  |                          | UL Max TB bits  | 2560  |                          |                |
|                   |  |                          | UL Max CC TB bits   | 640   |                          |                |
|                   |  |                          | UL Max TC TB bits   | 2560  |                          |                |
|                   |  |                          | UL Max TrCHs  | 8   |                          |                |
|                   |  |                          | UL Max CCTrCH   | 1   |                          |                |
|                   |  |                          | UL Max TTI TB   | 8   |                          |                |
|                   |  |                          | UL Max TFS  | 32  |                          |                |
|                   |  |                          | UL Max TF   | 32  |                          |                |
|                   |  |                          | UL TC   | Yes   |                          |                |
|                   |  |                          | Other required UE radio access capability                     | None  |                          |                |
| 38i               | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.38i | DL Max TB bits  | 2560  |                          |                |
|                   |  |                          | DL Max CC TB bits   | 640   |                          |                |
|                   |  |                          | DL Max TC TB bits   | 2560  |                          |                |
|                   |  |                          | DL Max TrCHs  | 8   |                          |                |
|                   |  |                          | DL Max CCTrCH   | 1   |                          |                |
|                   |  |                          | DL Max TTI TB   | 8   |                          |                |
|                   |  |                          | DL Max TFS  | 64  |                          |                |
|                   |  |                          | DL Max TF   | 32  |                          |                |
|                   |  |                          | DL TC   | Yes   |                          |                |
|                   |  |                          | UL Max TB bits  | 2560  |                          |                |
|                   |  |                          | UL Max CC TB bits   | 640   |                          |                |
|                   |  |                          | UL Max TC TB bits   | 2560  |                          |                |
|                   |  |                          | UL Max TrCHs  | 8   |                          |                |
|                   |  |                          | UL Max CCTrCH   | 1   |                          |                |
|                   |  |                          | UL Max TTI TB   | 8   |                          |                |
|                   |  |                          | UL Max TFS  | 48  |                          |                |
|                   |  |                          | UL Max TF   | 32  |                          |                |
|                   |  |                          | UL TC   | Yes   |                          |                |
|                   |  |                          | Other required UE radio access capability                     | None  |                          |                |
|                   |  |                          | 38j   | Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.38j | DL Max TB bits |
| DL Max CC TB bits | 640  |                          |   |   |                          |                |
| DL Max TC TB bits | 3840   |                          |   |   |                          |                |
| DL Max TrCHs      | 8  |                          |   |   |                          |                |
| DL Max CCTrCH     | 1  |                          |   |   |                          |                |
| DL Max TTI TB     | 16   |                          |   |   |                          |                |
| DL Max TFS        | 64   |                          |   |   |                          |                |
| DL Max TF         | 32   |                          |   |   |                          |                |
| DL TC             | Yes  |                          |   |   |                          |                |
| UL Max TB bits    | 2560   |                          |   |   |                          |                |
| UL Max CC TB bits | 640  |                          |   |   |                          |                |
| UL Max TC TB bits | 2560   |                          |   |   |                          |                |
| UL Max TrCHs      | 8  |                          |   |   |                          |                |
| UL Max CCTrCH     | 1  |                          |   |   |                          |                |
| UL Max TTI TB     | 8  |                          |   |   |                          |                |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|--|-------------------------|---|---|-----------------|----------|
|      |  |                         | Parameter   | Value   |                 |          |
|      |  |                         | UL Max TFS  | 48  |                 |          |
|      |  |                         | UL Max TF   | 32  |                 |          |
|      |  |                         | UL TC   | Yes   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |
| 39   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.39 | DL Max TB bits  | 2560  | pc_RAB_A_18q_39 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                 |          |
|      |  |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | DL Max TrCHs  | 8   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 8   |                 |          |
|      |  |                         | DL Max TFS  | 32  |                 |          |
|      |  |                         | DL Max TF   | 32  |                 |          |
|      |  |                         | DL TC   | Yes   |                 |          |
|      |  |                         | UL Max TB bits  | 1280  |                 |          |
|      |  |                         | UL Max CC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TC TB bits   | 1280  |                 |          |
|      |  |                         | UL Max TrCHs  | 8   |                 |          |
|      |  |                         | UL Max CCTrCH   | 1   |                 |          |
|      |  |                         | UL Max TTI TB   | 8   |                 |          |
|      |  |                         | UL Max TFS  | 32  |                 |          |
|      |  |                         | UL Max TF   | 32  |                 |          |
|      |  |                         | UL TC   | Yes   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |
| 40   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.40 | DL Max TB bits  | 2560  | pc_RAB_A_18q_40 |          |
|      |  |                         | DL Max CC TB bits   | 640   |                 |          |
|      |  |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | DL Max TrCHs  | 8   |                 |          |
|      |  |                         | DL Max CCTrCH   | 1   |                 |          |
|      |  |                         | DL Max TTI TB   | 8   |                 |          |
|      |  |                         | DL Max TFS  | 32  |                 |          |
|      |  |                         | DL Max TF   | 32  |                 |          |
|      |  |                         | DL TC   | Yes   |                 |          |
|      |  |                         | UL Max TB bits  | 2560  |                 |          |
|      |  |                         | UL Max CC TB bits   | 640   |                 |          |
|      |  |                         | UL Max TC TB bits   | 2560  |                 |          |
|      |  |                         | UL Max TrCHs  | 8   |                 |          |
|      |  |                         | UL Max CCTrCH   | 1   |                 |          |
|      |  |                         | UL Max TTI TB   | 8   |                 |          |
|      |  |                         | UL Max TFS  | 32  |                 |          |
|      |  |                         | UL Max TF   | 32  |                 |          |
|      |  |                         | UL TC   | Yes   |                 |          |
|      |  |                         | Other required UE radio access capability                     | None  |                 |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|------|---|-------------------------|---|---|-------------------|----------|
|      |   |                         | Parameter   | Value   |                   |          |
| 41   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH             | 34.108<br>6.11.6.4.1.41 | DL Max TB bits  | 3840  | pc_RAB_A_18q_41   |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                   |          |
|      |   |                         | DL Max TrCHs  | 8   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TTI TB   | 8   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 42.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.6.4.1.42 | DL Max TB bits  | 3840  | pc_RAB_A_18q_42_1 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                   |          |
|      |   |                         | DL Max TrCHs  | 8   |                   |          |
|      |   |                         | DL Max CCTrCH   | 1   |                   |          |
|      |   |                         | DL Max TTI TB   | 16  |                   |          |
|      |   |                         | DL Max TFS  | 32  |                   |          |
|      |   |                         | DL Max TF   | 32  |                   |          |
|      |   |                         | DL TC   | Yes   |                   |          |
|      |   |                         | UL Max TB bits  | 2560  |                   |          |
|      |   |                         | UL Max CC TB bits   | 640   |                   |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|      |   |                         | UL Max TrCHs  | 8   |                   |          |
|      |   |                         | UL Max CCTrCH   | 1   |                   |          |
|      |   |                         | UL Max TTI TB   | 8   |                   |          |
|      |   |                         | UL Max TFS  | 32  |                   |          |
|      |   |                         | UL Max TF   | 32  |                   |          |
|      |   |                         | UL TC   | Yes   |                   |          |
|      |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 42.2 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.6.4.1.42 | DL Max TB bits  | 6400  | pc_RAB_A_18q_42_2 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                   |          |



| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic          | Comments |
|---|---|-------------------------|---|---|-------------------|----------|
|   |   |                         | Parameter   | Value   |                   |          |
|   |   |                         | DL Max TC TB bits   | 6400  |                   |          |
|   |   |                         | DL Max TrCHs  | 8   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 32  |                   |          |
|   |   |                         | DL Max TFS  | 64  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 2560  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | UL Max TrCHs  | 8   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TTI TB   | 8   |                   |          |
|   |   |                         | UL Max TFS  | 32  |                   |          |
|   |   |                         | UL Max TF   | 32  |                   |          |
|   |   |                         | UL TC   | Yes   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 43.1                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.6.4.1.43 | DL Max TB bits  | 5120  | pc_RAB_A_18q_43_1 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 5120  |                   |          |
|   |   |                         | DL Max TrCHs  | 8   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 16  |                   |          |
|   |   |                         | DL Max TFS  | 64  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |
|   |   |                         | DL TC   | Yes   |                   |          |
|   |   |                         | UL Max TB bits  | 2560  |                   |          |
|   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|   |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|   |   |                         | UL Max TrCHs  | 8   |                   |          |
|   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|   |   |                         | UL Max TTI TB   | 8   |                   |          |
|   |   |                         | UL Max TFS  | 32  |                   |          |
| UL Max TF                                 | 32  |                         |   |   |                   |          |
| UL TC                                     | Yes   |                         |   |   |                   |          |
| Other required UE radio access capability | None  |                         |   |   |                   |          |
| 43.2                                      | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.6.4.1.43 | DL Max TB bits  | 8960  | pc_RAB_A_18q_43_2 |          |
|   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|   |   |                         | DL Max TC TB bits   | 8960  |                   |          |
|   |   |                         | DL Max TrCHs  | 8   |                   |          |
|   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|   |   |                         | DL Max TTI TB   | 32  |                   |          |
|   |   |                         | DL Max TFS  | 64  |                   |          |
|   |   |                         | DL Max TF   | 32  |                   |          |

| Item              | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability)   | Mnemonic          | Comments |
|-------------------|---|-------------------------|---|---|-------------------|----------|
|                   |   |                         | Parameter   | Value   |                   |          |
|                   |   |                         | DL TC   | Yes   |                   |          |
|                   |   |                         | UL Max TB bits  | 2560  |                   |          |
|                   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|                   |   |                         | UL Max TC TB bits   | 2560  |                   |          |
|                   |   |                         | UL Max TrCHs  | 8   |                   |          |
|                   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|                   |   |                         | UL Max TTI TB   | 8   |                   |          |
|                   |   |                         | UL Max TFS  | 32  |                   |          |
|                   |   |                         | UL Max TF   | 32  |                   |          |
|                   |   |                         | UL TC   | Yes   |                   |          |
|                   |   |                         | Other required UE radio access capability                     | None  |                   |          |
| 44.1              | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI | 34.108<br>6.11.6.4.1.44 | DL Max TB bits  | 40960   | pc_RAB_A_18q_44_1 |          |
|                   |   |                         | DL Max CC TB bits   | 640   |                   |          |
|                   |   |                         | DL Max TC TB bits   | 40960   |                   |          |
|                   |   |                         | DL Max TrCHs  | 8   |                   |          |
|                   |   |                         | DL Max CCTrCH   | 1   |                   |          |
|                   |   |                         | DL Max TTI TB   | 64  |                   |          |
|                   |   |                         | DL Max TFS  | 96  |                   |          |
|                   |   |                         | DL Max TF   | 32  |                   |          |
|                   |   |                         | DL TC   | Yes   |                   |          |
|                   |   |                         | UL Max TB bits  | 3840  |                   |          |
|                   |   |                         | UL Max CC TB bits   | 640   |                   |          |
|                   |   |                         | UL Max TC TB bits   | 3840  |                   |          |
|                   |   |                         | UL Max TrCHs  | 8   |                   |          |
|                   |   |                         | UL Max CCTrCH   | 1   |                   |          |
|                   |   |                         | UL Max TTI TB   | 16  |                   |          |
|                   |   |                         | UL Max TFS  | 32  |                   |          |
|                   |   |                         | UL Max TF   | 32  |                   |          |
|                   |   |                         | UL TC   | Yes   |                   |          |
|                   |   |                         | Other required UE radio access capability                     | None  |                   |          |
|                   |   |                         | 44.2  | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI |                   |          |
| DL Max CC TB bits | 640   |                         |   |   |                   |          |
| DL Max TC TB bits | 81920   |                         |   |   |                   |          |
| DL Max TrCHs      | 8   |                         |   |   |                   |          |
| DL Max CCTrCH     | 1   |                         |   |   |                   |          |
| DL Max TTI TB     | 96  |                         |   |   |                   |          |
| DL Max TFS        | 128   |                         |   |   |                   |          |
| DL Max TF         | 32  |                         |   |   |                   |          |
| DL TC             | Yes   |                         |   |   |                   |          |
| UL Max TB bits    | 3840  |                         |   |   |                   |          |
| UL Max CC TB bits | 640   |                         |   |   |                   |          |
| UL Max TC TB bits | 3840  |                         |   |   |                   |          |
| UL Max TrCHs      | 8   |                         |   |   |                   |          |
| UL Max CCTrCH     | 1   |                         |   |   |                   |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|---|-------------------------|---|---|-----------------|----------|
|      |   |                         | Parameter   | Value   |                 |          |
|      |   |                         | UL Max TTI TB   | 16  |                 |          |
|      |   |                         | UL Max TFS  | 32  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 45   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH              | 34.108<br>6.11.6.4.1.45 | DL Max TB bits  | 3840  | pc_RAB_A_18q_45 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |   |                         | DL Max TrCHs  | 8   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 8   |                 |          |
|      |   |                         | DL Max TFS  | 32  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 3840  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|      |   |                         | UL Max TrCHs  | 8   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TTI TB   | 8   |                 |          |
|      |   |                         | UL Max TFS  | 32  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | Multicall (2xCS)  |                 |          |
| 46   | Void  |                         |   |   |                 |          |
| 47   | Void  |                         |   |   |                 |          |
| 48   | Void  |                         |   |   |                 |          |
| 49   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108<br>6.11.6.4.1.49 | DL Max TB bits  | 2560  | pc_RAB_A_18q_49 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 1280  |                 |          |
|      |   |                         | DL Max TrCHs  | 8   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 8   |                 |          |
|      |   |                         | DL Max TFS  | 16  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 2560  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                 |          |
|      |   |                         | UL Max TrCHs  | 8   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TTI TB   | 8   |                 |          |
|      |   |                         | UL Max TFS  | 16  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|---|-------------------------|---|---|-----------------|----------|
|      |   |                         | Parameter   | Value   |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | Multicall (2xCS)  |                 |          |
| 50   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.6.4.1.50 | DL Max TB bits  | 3840  | pc_RAB_A_18q_50 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 8   |                 |          |
|      |   |                         | DL Max TFS  | 16  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 3840  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TTI TB   | 8   |                 |          |
|      |   |                         | UL Max TFS  | 8   |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | Multicall (2xCS)  |                 |          |
| 51   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.51 | DL Max TB bits  | 3840  | pc_RAB_A_18q_51 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 8   |                 |          |
|      |   |                         | DL Max TFS  | 32  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 3840  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 3840  |                 |          |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TTI TB   | 8   |                 |          |
|      |   |                         | UL Max TFS  | 32  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |

| Item                                      | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH  | Ref.                     | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic         | Comments |
|---|--|--------------------------|---|---|------------------|----------|
|   |  |                          | Parameter   | Value   |                  |          |
| 51a                                       | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.   | 34.108<br>6.11.6.4.1.51a | DL Max TB bits  | 2560  | pc_RAB_A_18q_51a |          |
|   |  |                          | DL Max CC TB bits   | 640   |                  |          |
|   |  |                          | DL Max TC TB bits   | 2560  |                  |          |
|   |  |                          | DL Max TrCHs  | 4   |                  |          |
|   |  |                          | DL Max CCTrCH   | 1   |                  |          |
|   |  |                          | DL Max TTI TB   | 4   |                  |          |
|   |  |                          | DL Max TFS  | 16  |                  |          |
|   |  |                          | DL Max TF   | 32  |                  |          |
|   |  |                          | DL TC   | Yes   |                  |          |
|   |  |                          | UL Max TB bits  | 2560  |                  |          |
|   |  |                          | UL Max CC TB bits   | 640   |                  |          |
|   |  |                          | UL Max TC TB bits   | 2560  |                  |          |
|   |  |                          | UL Max TrCHs  | 4   |                  |          |
|   |  |                          | UL Max CCTrCH   | 1   |                  |          |
|   |  |                          | UL Max TTI TB   | 4   |                  |          |
|   |  |                          | UL Max TFS  | 8   |                  |          |
|   |  |                          | UL Max TF   | 32  |                  |          |
|   |  |                          | UL TC   | Yes   |                  |          |
| Other required UE radio access capability | None   |                          |   |   |                  |          |
| 51b                                       | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.11.6.4.1.51b | DL Max TB bits  | 3840  | pc_RAB_A_18q_51b |          |
|   |  |                          | DL Max CC TB bits   | 640   |                  |          |
|   |  |                          | DL Max TC TB bits   | 3840  |                  |          |
|   |  |                          | DL Max TrCHs  | 4   |                  |          |
|   |  |                          | DL Max CCTrCH   | 1   |                  |          |
|   |  |                          | DL Max TTI TB   | 8   |                  |          |
|   |  |                          | DL Max TFS  | 32  |                  |          |
|   |  |                          | DL Max TF   | 32  |                  |          |
|   |  |                          | DL TC   | Yes   |                  |          |
|   |  |                          | UL Max TB bits  | 2560  |                  |          |
|   |  |                          | UL Max CC TB bits   | 64  |                  |          |
|   |  |                          | UL Max TC TB bits   | 2560  |                  |          |
|   |  |                          | UL Max TrCHs  | 4   |                  |          |
|   |  |                          | UL Max CCTrCH   | 1   |                  |          |
|   |  |                          | UL Max TTI TB   | 8   |                  |          |
|   |  |                          | UL Max TFS  | 16  |                  |          |
|   |  |                          | UL Max TF   | 32  |                  |          |
|   |  |                          | UL TC   | Yes   |                  |          |
| Other required UE radio access capability | None   |                          |   |   |                  |          |
| 52  | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.52  | DL Max TB bits  | 5120  | pc_RAB_A_18q_52  |          |
|   |  |                          | DL Max CC TB bits   | 640   |                  |          |
|   |  |                          | DL Max TC TB bits   | 5120  |                  |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|---|-------------------------|---|---|-----------------|----------|
|      |   |                         | Parameter   | Value   |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 16  |                 |          |
|      |   |                         | DL Max TFS  | 32  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 3840  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 3840  |                 |          |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TTI TB   | 8   |                 |          |
|      |   |                         | UL Max TFS  | 32  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 53   | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.1.53 | DL Max TB bits  | 5120  | pc_RAB_A_18q_53 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 5120  |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 16  |                 |          |
|      |   |                         | DL Max TFS  | 32  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 5120  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 5120  |                 |          |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TTI TB   | 16  |                 |          |
|      |   |                         | UL Max TFS  | 32  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 54   | Void  |                         |   |   |                 |          |
| 55   | Void  |                         |   |   |                 |          |
| 56   | Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.     | 34.108<br>6.11.6.4.1.56 | DL Max TB bits  | 640   | pc_RAB_A_18q_56 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 4   |                 |          |
|      |   |                         | DL Max TFS  | 16  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH   | Ref.                    | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|------|---|-------------------------|---|---|-----------------|----------|
|      |   |                         | Parameter   | Value   |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 640   |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TrCHs  | 2   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TTI TB   | 2   |                 |          |
|      |   |                         | UL Max TFS  | 4   |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 57   | Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | 34.108<br>6.11.6.4.1.57 | DL Max TB bits  | 2560  | pc_RAB_A_18q_57 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 2560  |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 8   |                 |          |
|      |   |                         | DL Max TFS  | 16  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 2560  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 2560  |                 |          |
|      |   |                         | UL Max TrCHs  | 2   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TTI TB   | 8   |                 |          |
|      |   |                         | UL Max TFS  | 16  |                 |          |
|      |   |                         | UL Max TF   | 32  |                 |          |
|      |   |                         | UL TC   | Yes   |                 |          |
|      |   |                         | Other required UE radio access capability                     | None  |                 |          |
| 58   | Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.         | 34.108<br>6.11.6.4.1.58 | DL Max TB bits  | 3840  | pc_RAB_A_18q_58 |          |
|      |   |                         | DL Max CC TB bits   | 640   |                 |          |
|      |   |                         | DL Max TC TB bits   | 3840  |                 |          |
|      |   |                         | DL Max TrCHs  | 4   |                 |          |
|      |   |                         | DL Max CCTrCH   | 1   |                 |          |
|      |   |                         | DL Max TTI TB   | 8   |                 |          |
|      |   |                         | DL Max TFS  | 16  |                 |          |
|      |   |                         | DL Max TF   | 32  |                 |          |
|      |   |                         | DL TC   | Yes   |                 |          |
|      |   |                         | UL Max TB bits  | 1280  |                 |          |
|      |   |                         | UL Max CC TB bits   | 640   |                 |          |
|      |   |                         | UL Max TC TB bits   | 1280  |                 |          |
|      |   |                         | UL Max TrCHs  | 4   |                 |          |
|      |   |                         | UL Max CCTrCH   | 1   |                 |          |
|      |   |                         | UL Max TTI TB   | 4   |                 |          |

| Item | 7.68 Mcps TDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic | Comments |
|------|---|------|---|---|----------|----------|
|      |   |      | Parameter   | Value   |          |          |
|      |   |      | UL Max TFS  | 8   |          |          |
|      |   |      | UL Max TF   | 32  |          |          |
|      |   |      | UL TC   | Yes   |          |          |
|      |   |      | Other required UE radio access capability                     | None  |          |          |
| 59   | Void  |      |   |   |          |          |
| 60   | Void  |      |   |   |          |          |
| 61   | Void  |      |   |   |          |          |

NOTE: To enable UE loopback of test data for the 3.84Mcps TDD interoperability reference radio bearer configurations having zero rate in uplink or downlink (items 18 and 19, in table A.18k the "Streaming / unknown / UL:14,4 kbps / CS RAB" and "Streaming / unknown / DL:14,4 kbps / CS RAB" have been used instead of the zero-rate uplink and downlink configuration. The impact on the UE radio access capability has been taken into account in the applicability statement for those items.



**Table A.18r: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on PDSCH, SCCPCH, PUSCH and PRACH**

| Item                                      | 7.68Mcps TDD interoperability radio bearer configuration for combinations on PDSCH, SCCPCH, PUSCH and PRACH  | Ref.                   | UE radio access capability See note. | UE radio access capability See note. | Mnemonic       | Comments |
|---|--|------------------------|--------------------------------------|--------------------------------------|----------------|----------|
| 1   | Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH   | 34.108<br>6.11.6.4.2.1 | DL Max TB bits                       | 3840                                 | pc_RAB_A_18r_1 |          |
|   |  |                        | DL Max CC TB bits                    | 640                                  |                |          |
|   |  |                        | DL Max TC TB bits                    | 3840                                 |                |          |
|   |  |                        | DL Max TrCHs                         | 4                                    |                |          |
|   |  |                        | DL Max CCTrCH                        | 2                                    |                |          |
|   |  |                        | DL Max TTI TB                        | 16                                   |                |          |
|   |  |                        | DL Max TFS                           | 16                                   |                |          |
|   |  |                        | DL Max TF                            | 32                                   |                |          |
|   |  |                        | DL TC                                | Yes                                  |                |          |
|   |  |                        | UL Max TB bits                       | 2560                                 |                |          |
|   |  |                        | UL Max CC TB bits                    | 640                                  |                |          |
|   |  |                        | UL Max TC TB bits                    | 2560                                 |                |          |
|   |  |                        | UL Max TrCHs                         | 4                                    |                |          |
|   |  |                        | UL Max CCTrCH                        | 2                                    |                |          |
|   |  |                        | UL Max TTI TB                        | 8                                    |                |          |
|   |  |                        | UL Max TFS                           | 16                                   |                |          |
| UL Max TF                                 | 32   |                        |                                      |                                      |                |          |
| UL TC                                     | Yes  |                        |                                      |                                      |                |          |
| Other required UE radio access capability | PDSCH=Yes  |                        |                                      |                                      |                |          |
| 2   | Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH+ UL: 16.8 DL: 16 kbps SRBs for SHCCH    | 34.108<br>6.11.6.4.2.2 | DL Max TB bits                       | 5120                                 | pc_RAB_A_18r_2 |          |
|   |  |                        | DL Max CC TB bits                    | 640                                  |                |          |
|   |  |                        | DL Max TC TB bits                    | 5120                                 |                |          |
|   |  |                        | DL Max TrCHs                         | 4                                    |                |          |
|   |  |                        | DL Max CCTrCH                        | 2                                    |                |          |
|   |  |                        | DL Max TTI TB                        | 16                                   |                |          |
|   |  |                        | DL Max TFS                           | 16                                   |                |          |
|   |  |                        | DL Max TF                            | 32                                   |                |          |
|   |  |                        | DL TC                                | Yes                                  |                |          |
|   |  |                        | UL Max TB bits                       | 2560                                 |                |          |
|   |  |                        | UL Max CC TB bits                    | 640                                  |                |          |
|   |  |                        | UL Max TC TB bits                    | 2560                                 |                |          |
|   |  |                        | UL Max TrCHs                         | 4                                    |                |          |
|   |  |                        | UL Max CCTrCH                        | 2                                    |                |          |
|   |  |                        | UL Max TTI TB                        | 8                                    |                |          |
|   |  |                        | UL Max TFS                           | 16                                   |                |          |
| UL Max TF                                 | 32   |                        |                                      |                                      |                |          |
| UL TC                                     | Yes  |                        |                                      |                                      |                |          |
| Other required UE radio access capability | PDSCH=Yes  |                        |                                      |                                      |                |          |
| 3   | Interactive or background / UL: 64 DL: 2 048 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH | 34.108<br>6.11.6.4.2.3 | DL Max TB bits                       | 40960                                | pc_RAB_A_18r_3 |          |
|   |  |                        | DL Max CC TB bits                    | 640                                  |                |          |
|   |  |                        | DL Max TC TB bits                    | 40960                                |                |          |
|   |  |                        | DL Max TrCHs                         | 4                                    |                |          |
|   |  |                        | DL Max CCTrCH                        | 2                                    |                |          |
|   |  |                        | DL Max TTI TB                        | 64                                   |                |          |
| DL Max TFS                                | 64   |                        |                                      |                                      |                |          |

| Item | 7.68Mcps TDD interoperability radio bearer configuration for combinations on PDSCH, SCCPCH, PUSCH and PRACH   | Ref.                   | UE radio access capability<br>See note.   | UE radio access capability<br>See note. | Mnemonic       | Comments |
|------|---|------------------------|---|---|----------------|----------|
|      |   |                        | DL Max TF                                 | 32                                      |                |          |
|      |   |                        | DL TC                                     | Yes                                     |                |          |
|      |   |                        | UL Max TB bits                            | 2560                                    |                |          |
|      |   |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |   |                        | UL Max TC TB bits                         | 2560                                    |                |          |
|      |   |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |   |                        | UL Max CCTrCH                             | 2                                       |                |          |
|      |   |                        | UL Max TTI TB                             | 8                                       |                |          |
|      |   |                        | UL Max TFS                                | 16                                      |                |          |
|      |   |                        | UL Max TF                                 | 32                                      |                |          |
|      |   |                        | UL TC                                     | Yes                                     |                |          |
|      |   |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |
| 4    | Interactive or background /<br>UL: 384 DL: 2 048 kbps / PS<br>RAB + UL: 3.4/16.8 DL:<br>3.4/33.6 kbps SRBs for<br>DCCH, CCCH and BCCH +<br>UL: 16.8 DL: 16 kbps SRBs<br>for SHCCH | 34.108<br>6.11.6.4.2.4 | DL Max TB bits                            | 40960                                   | pc_RAB_A_18r_4 |          |
|      |   |                        | DL Max CC TB bits                         | 640                                     |                |          |
|      |   |                        | DL Max TC TB bits                         | 40960                                   |                |          |
|      |   |                        | DL Max TrCHs                              | 4                                       |                |          |
|      |   |                        | DL Max CCTrCH                             | 2                                       |                |          |
|      |   |                        | DL Max TTI TB                             | 64                                      |                |          |
|      |   |                        | DL Max TFS                                | 64                                      |                |          |
|      |   |                        | DL Max TF                                 | 32                                      |                |          |
|      |   |                        | DL TC                                     | Yes                                     |                |          |
|      |   |                        | UL Max TB bits                            | 5120                                    |                |          |
|      |   |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |   |                        | UL Max TC TB bits                         | 5120                                    |                |          |
|      |   |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |   |                        | UL Max CCTrCH                             | 2                                       |                |          |
|      |   |                        | UL Max TTI TB                             | 32                                      |                |          |
|      |   |                        | UL Max TFS                                | 64                                      |                |          |
|      |   |                        | UL Max TF                                 | 32                                      |                |          |
|      |   |                        | UL TC                                     | Yes                                     |                |          |
|      |   |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |

**Table A.18s: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on PDSCH, SCCPCH, DPCH, PUSCH and PRACH**

| Item | 7.68Mcps TDD interoperability radio bearer configuration for combinations on PDSCH, SCCPCH, DPCH, PUSCH and PRACH  | Ref.                   | UE radio access capability<br>See note.   | UE radio access capability<br>See note. | Mnemonic       | Comments |
|------|--|------------------------|---|---|----------------|----------|
| 1    | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH SHCCH and BCCH  | 34.108<br>6.11.6.4.3.1 | DL Max TB bits                            | 3840                                    | pc_RAB_A_18s_1 |          |
|      |  |                        | DL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | DL Max TC TB bits                         | 3840                                    |                |          |
|      |  |                        | DL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | DL Max CCTrCH                             | 2                                       |                |          |
|      |  |                        | DL Max TTI TB                             | 16                                      |                |          |
|      |  |                        | DL Max TFS                                | 16                                      |                |          |
|      |  |                        | DL Max TF                                 | 32                                      |                |          |
|      |  |                        | DL TC                                     | Yes                                     |                |          |
|      |  |                        | UL Max TB bits                            | 2560                                    |                |          |
|      |  |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | UL Max TC TB bits                         | 2560                                    |                |          |
|      |  |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | UL Max CCTrCH                             | 3                                       |                |          |
|      |  |                        | UL Max TTI TB                             | 8                                       |                |          |
|      |  |                        | UL Max TFS                                | 16                                      |                |          |
|      |  |                        | UL Max TF                                 | 32                                      |                |          |
|      |  |                        | UL TC                                     | Yes                                     |                |          |
|      |  |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |
| 2    | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH, SHCCH and BCCH | 34.108<br>6.11.6.4.3.2 | DL Max TB bits                            | 5120                                    | pc_RAB_A_18s_2 |          |
|      |  |                        | DL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | DL Max TC TB bits                         | 5120                                    |                |          |
|      |  |                        | DL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | DL Max CCTrCH                             | 2                                       |                |          |
|      |  |                        | DL Max TTI TB                             | 16                                      |                |          |
|      |  |                        | DL Max TFS                                | 16                                      |                |          |
|      |  |                        | DL Max TF                                 | 32                                      |                |          |
|      |  |                        | DL TC                                     | Yes                                     |                |          |
|      |  |                        | UL Max TB bits                            | 2560                                    |                |          |
|      |  |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | UL Max TC TB bits                         | 2560                                    |                |          |
|      |  |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | UL Max CCTrCH                             | 3                                       |                |          |
|      |  |                        | UL Max TTI TB                             | 8                                       |                |          |
|      |  |                        | UL Max TFS                                | 16                                      |                |          |
|      |  |                        | UL Max TF                                 | 32                                      |                |          |
|      |  |                        | UL TC                                     | Yes                                     |                |          |
|      |  |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |

| Item | 7.68Mcps TDD interoperability radio bearer configuration for combinations on PDSCH, SCCPCH, DPCH, PUSCH and PRACH  | Ref.                   | UE radio access capability<br>See note.   | UE radio access capability<br>See note. | Mnemonic       | Comments |
|------|--|------------------------|---|---|----------------|----------|
| 3    | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 2 048 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH, SHCCH and BCCH | 34.108<br>6.11.6.4.3.3 | DL Max TB bits                            | 40960                                   | pc_RAB_A_18s_3 |          |
|      |  |                        | DL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | DL Max TC TB bits                         | 40960                                   |                |          |
|      |  |                        | DL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | DL Max CCTrCH                             | 2                                       |                |          |
|      |  |                        | DL Max TTI TB                             | 64                                      |                |          |
|      |  |                        | DL Max TFS                                | 64                                      |                |          |
|      |  |                        | DL Max TF                                 | 32                                      |                |          |
|      |  |                        | DL TC                                     | Yes                                     |                |          |
|      |  |                        | UL Max TB bits                            | 2560                                    |                |          |
|      |  |                        | UL Max CC TB bits                         | 640                                     |                |          |
|      |  |                        | UL Max TC TB bits                         | 2560                                    |                |          |
|      |  |                        | UL Max TrCHs                              | 4                                       |                |          |
|      |  |                        | UL Max CCTrCH                             | 3                                       |                |          |
|      |  |                        | UL Max TTI TB                             | 8                                       |                |          |
|      |  |                        | UL Max TFS                                | 16                                      |                |          |
|      |  |                        | UL Max TF                                 | 32                                      |                |          |
|      |  |                        | UL TC                                     | Yes                                     |                |          |
|      |  |                        | Other required UE radio access capability | PDSCH=Yes                               |                |          |

**Table A.18t: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on SCCPCH**

| Item | 7.68Mcps TDD interoperability radio bearer configuration on SCCPCH                             | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|------|--|------------------------|---|---|----------------|----------|
| 1    | Stand-alone signalling RB for PCCH   | 34.108<br>6.11.6.4.4.1 | DL Max TB bits  | 640   | pc_RAB_A_18t_1 |          |
|      |  |                        | DL Max CC TB bits   | 640   |                |          |
|      |  |                        | DL Max TC TB bits   | N/A   |                |          |
|      |  |                        | DL Max TrCHs  | 4   |                |          |
|      |  |                        | DL Max CCTrCH   | 1   |                |          |
|      |  |                        | DL Max TTI TB   | 4   |                |          |
|      |  |                        | DL Max TFS  | 16  |                |          |
|      |  |                        | DL Max TF   | 32  |                |          |
|      |  |                        | DL TC   | N/A   |                |          |
|      |  |                        | Other required UE radio access capability                     | none  |                |          |
| 2    | Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH            | 34.108<br>6.11.6.4.4.2 | DL Max TB bits  | 1280  | pc_RAB_A_18t_2 |          |
|      |  |                        | DL Max CC TB bits   | 640   |                |          |
|      |  |                        | DL Max TC TB bits   | 640   |                |          |
|      |  |                        | DL Max TrCHs  | 4   |                |          |
|      |  |                        | DL Max CCTrCH   | 1   |                |          |
|      |  |                        | DL Max TTI TB   | 4   |                |          |
|      |  |                        | DL Max TFS  | 16  |                |          |
|      |  |                        | DL Max TF   | 32  |                |          |
|      |  |                        | DL TC   | Yes   |                |          |
|      |  |                        | Other required UE radio access capability                     | none  |                |          |
| 3    | Interactive/Background 32 kbps RAB + SRB for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH | 34.108<br>6.11.6.4.4.3 | DL Max TB bits  | 1280  | pc_RAB_A_18t_3 |          |
|      |  |                        | DL Max CC TB bits   | 640   |                |          |
|      |  |                        | DL Max TC TB bits   | 640   |                |          |
|      |  |                        | DL Max TrCHs  | 4   |                |          |
|      |  |                        | DL Max CCTrCH   | 1   |                |          |
|      |  |                        | DL Max TTI TB   | 8   |                |          |
|      |  |                        | DL Max TFS  | 32  |                |          |
|      |  |                        | DL Max TF   | 32  |                |          |
|      |  |                        | DL TC   | Yes   |                |          |
|      |  |                        | Other required UE radio access capability                     | none  |                |          |
| 4    | RB for CTCH + SRB for CCCH +SRB for BCCH   | 34.108<br>6.11.6.4.4.4 | DL Max TB bits  | 1280  | pc_RAB_A_18t_4 |          |
|      |  |                        | DL Max CC TB bits   | 640   |                |          |
|      |  |                        | DL Max TC TB bits   | 640   |                |          |
|      |  |                        | DL Max TrCHs  | 4   |                |          |
|      |  |                        | DL Max CCTrCH   | 1   |                |          |
|      |  |                        | DL Max TTI TB   | 4   |                |          |
|      |  |                        | DL Max TFS  | 16  |                |          |
|      |  |                        | DL Max TF   | 32  |                |          |
|      |  |                        | DL TC   | Yes   |                |          |
|      |  |                        | Other required UE radio access capability                     | none  |                |          |
| 5    | 64.8kbps RB for MTCH with 80 ms TTI  | 34.108<br>6.11.6.4.4.5 | DL Max TB bits  | 21504   | pc_RAB_A_18t_5 |          |
|      |  |                        | DL Max CC TB bits   | 1280  |                |          |



|   |   |                        |   |   |                |                           |
|---|---|------------------------|---|---|----------------|---------------------------|
|   |   |                        | DL Max TC TB bits                         | 21504   |                |                           |
|   |   |                        | DL Max TrCHs                              | 16  |                |                           |
|   |   |                        | DL Max CCTrCH                             | N/A   |                |                           |
|   |   |                        | DL Max TTI TB                             | N/A   |                |                           |
|   |   |                        | DL Max TFS                                | N/A   |                |                           |
|   |   |                        | DL Max TF                                 | N/A   |                |                           |
|   |   |                        | DL TC                                     | Yes   |                |                           |
|   |   |                        | Other required UE radio access capability | Max. sync radio links per frame which carry MTCH: 3 |                |                           |
| 6 | 129.6kbps RB for MTCH with 80 ms TTI      | 34.108<br>6.11.6.4.4.6 | DL Max TB bits                            | 21504   | pc_RAB_A_18t_6 |                           |
|   |   |                        | DL Max CC TB bits                         | 1280  |                |                           |
|   |   |                        | DL Max TC TB bits                         | 21504   |                |                           |
|   |   |                        | DL Max TrCHs                              | 16  |                |                           |
|   |   |                        | DL Max CCTrCH                             | N/A   |                |                           |
|   |   |                        | DL Max TTI TB                             | N/A   |                |                           |
|   |   |                        | DL Max TFS                                | N/A   |                |                           |
|   |   |                        | DL Max TF                                 | N/A   |                |                           |
|   |   |                        | DL TC                                     | Yes   |                |                           |
|   |   |                        | Other required UE radio access capability | Max. sync radio links per frame which carry MTCH: 3 |                |                           |
| 7 | 259.2kbps RB for MTCH with 40 ms TTI      | 34.108<br>6.11.6.4.4.7 | DL Max TB bits                            | 21504   | pc_RAB_A_18t_7 |                           |
|   |   |                        | DL Max CC TB bits                         | 1280  |                |                           |
|   |   |                        | DL Max TC TB bits                         | 21504   |                |                           |
|   |   |                        | DL Max TrCHs                              | 16  |                |                           |
|   |   |                        | DL Max CCTrCH                             | N/A   |                |                           |
|   |   |                        | DL Max TTI TB                             | N/A   |                |                           |
|   |   |                        | DL Max TFS                                | N/A   |                |                           |
|   |   |                        | DL Max TF                                 | N/A   |                |                           |
|   |   |                        | DL TC                                     | Yes   |                |                           |
|   |   |                        | Other required UE radio access capability | Max. sync radio links per frame which carry MTCH: 3 |                |                           |
| 8 | 7.6kbps signalling RB for MCCH            | 34.108<br>6.11.6.4.4.8 | DL Max TB bits                            | 21504   | pc_RAB_A_18t_8 |                           |
|   |   |                        | DL Max CC TB bits                         | 1280  |                |                           |
|   |   |                        | DL Max TC TB bits                         | N/A   |                |                           |
|   |   |                        | DL Max TrCHs                              | 16  |                |                           |
|   |   |                        | DL Max CCTrCH                             | N/A   |                |                           |
|   |   |                        | DL Max TTI TB                             | N/A   |                |                           |
|   |   |                        | DL Max TFS                                | N/A   |                |                           |
|   |   |                        | DL Max TF                                 | N/A   |                |                           |
|   |   |                        | DL TC                                     | N/A   |                |                           |
|   |   |                        | Other required UE radio access capability | Max. sync radio links per frame which carry MTCH: 3 |                |                           |
| 9 | 124.4kbps RB for MBSFN MTCH with 80ms TTI | 34.108<br>6.11.6.4.4.9 | DL Max TB bits                            | 84572   | pc_RAB_A_18t_9 |                           |
|   |   |                        | DL Max CC TB bits                         | N/A   |                |                           |
|   |   |                        | DL Max TC TB bits                         | 84572   |                |                           |
|   |   |                        | DL Max TrCHs                              | 4   |                |                           |
|   |   |                        | DL Max CCTrCH                             | N/A   |                |                           |
|   |   |                        | DL Max TTI TB                             | 130   |                | per S-CCPCH carrying MTCH |

|    |   |                         |   |                             |                 |                                     |
|----|---|-------------------------|---|-----------------------------|-----------------|-------------------------------------|
|    |   |                         | DL Max TFS                                | 32                          |                 |                                     |
|    |   |                         | DL Max TF                                 | N/A                         |                 |                                     |
|    |   |                         | DL TC                                     | Yes                         |                 |                                     |
|    |   |                         | Other required UE radio access capability | Max. timeslots per frame: 3 |                 |                                     |
| 10 | 320.4kbps RB for MBSFN MTCH with 80ms TTI | 34.108<br>6.11.6.4.4.10 | DL Max TB bits                            | 84572                       | pc_RAB_A_18t_10 | per S-CCPCH carrying MTCH           |
|    |   |                         | DL Max CC TB bits                         | N/A                         |                 |                                     |
|    |   |                         | DL Max TC TB bits                         | 84572                       |                 |                                     |
|    |   |                         | DL Max TrCHs                              | 4                           |                 |                                     |
|    |   |                         | DL Max CCTrCH                             | N/A                         |                 |                                     |
|    |   |                         | DL Max TTI TB                             | 130                         |                 |                                     |
|    |   |                         | DL Max TFS                                | 32                          |                 |                                     |
|    |   |                         | DL Max TF                                 | N/A                         |                 |                                     |
|    |   |                         | DL TC                                     | Yes                         |                 |                                     |
|    |   |                         | Other required UE radio access capability | Max. timeslots per frame: 3 |                 |                                     |
| 11 | 497.6kbps RB for MBSFN MTCH with 80ms TTI | 34.108<br>6.11.6.4.4.11 | DL Max TB bits                            | 84572                       | pc_RAB_A_18t_11 | per S-CCPCH carrying MTCH           |
|    |   |                         | DL Max CC TB bits                         | N/A                         |                 |                                     |
|    |   |                         | DL Max TC TB bits                         | 84572                       |                 |                                     |
|    |   |                         | DL Max TrCHs                              | 4                           |                 |                                     |
|    |   |                         | DL Max CCTrCH                             | N/A                         |                 |                                     |
|    |   |                         | DL Max TTI TB                             | 130                         |                 |                                     |
|    |   |                         | DL Max TFS                                | 32                          |                 |                                     |
|    |   |                         | DL Max TF                                 | N/A                         |                 |                                     |
|    |   |                         | DL TC                                     | Yes                         |                 |                                     |
|    |   |                         | Other required UE radio access capability | Max. timeslots per frame: 3 |                 |                                     |
| 12 | 7.2kbps signalling RB for MBSFN MCCH      | 34.108<br>6.11.6.4.4.12 | DL Max TB bits                            | 84572                       | pc_RAB_A_18t_12 | per S-CCPCH carrying MTCH/MCCH/MSCH |
|    |   |                         | DL Max CC TB bits                         | N/A                         |                 |                                     |
|    |   |                         | DL Max TC TB bits                         | 84572                       |                 |                                     |
|    |   |                         | DL Max TrCHs                              | 4                           |                 |                                     |
|    |   |                         | DL Max CCTrCH                             | N/A                         |                 |                                     |
|    |   |                         | DL Max TTI TB                             | 130                         |                 |                                     |
|    |   |                         | DL Max TFS                                | 32                          |                 |                                     |
|    |   |                         | DL Max TF                                 | N/A                         |                 |                                     |
|    |   |                         | DL TC                                     | Yes                         |                 |                                     |
|    |   |                         | Other required UE radio access capability | Max. timeslots per frame: 3 |                 |                                     |

Table A.18u: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on PRACH

| Item                                      | 7.68Mcps TDD interoperability radio bearer configuration for combination on PRACH                                  | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|--|------------------------|---|---|----------------|----------|
| 1   | SRB for CCCH + SRB for DCCH  | 34.108<br>6.11.6.4.5.1 | UL Max TB bits  | 640   | pc_RAB_A_18u_1 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 2   |                |          |
|   |  |                        | UL Max TFS  | 4   |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | N/A   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |
| 2   | Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH  | 34.108<br>6.11.6.4.5.2 | UL Max TB bits  | 640   | pc_RAB_A_18u_2 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 2   |                |          |
|   |  |                        | UL Max TFS  | 4   |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | N/A   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |
| 3   | Interactive/Background 12.8 kbps PS RAB +<br>Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH | 34.108<br>6.11.6.4.5.3 | UL Max TB bits  | 640   | pc_RAB_A_18u_3 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 2   |                |          |
|   |  |                        | UL Max TFS  | 4   |                |          |
|   |  |                        | UL Max TF   | 32  |                |          |
|   |  |                        | UL TC   | N/A   |                |          |
| Other required UE radio access capability | none   |                        |   |   |                |          |

**Table A.18v: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH**

| Item                                      | 7.68Mcps TDD interoperability radio bearer configuration for combination on DPCH and HS-PDSCH                              | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments |
|---|--|------------------------|---|---|----------------|----------|
| 1   | Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.6.4.6.1 | HS-PDSCH  | Yes   | pc_RAB_A_18v_1 |          |
|   |  |                        | DL Max TB bits  | 640   |                |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
|   |  |                        | DL Max TTI TB   | 4   |                |          |
|   |  |                        | DL Max TFS  | 16  |                |          |
|   |  |                        | DL Max TF   | 32  |                |          |
|   |  |                        | DL TC   | N/A   |                |          |
|   |  |                        | UL Max TB bits  | 2560  |                |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | 2560  |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 8   |                |          |
|   |  |                        | UL Max TFS  | 16  |                |          |
| UL Max TF                                 | 32   |                        |   |   |                |          |
| UL TC                                     | Yes  |                        |   |   |                |          |
| Other required UE radio access capability | None   |                        |   |   |                |          |
| 2   | Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.6.2 | HS-PDSCH  | Yes   | pc_RAB_A_18v_2 |          |
|   |  |                        | DL Max TB bits  | 640   |                |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
|   |  |                        | DL Max TTI TB   | 4   |                |          |
|   |  |                        | DL Max TFS  | 16  |                |          |
|   |  |                        | DL Max TF   | 32  |                |          |
|   |  |                        | DL TC   | N/A   |                |          |
|   |  |                        | UL Max TB bits  | 3840  |                |          |
|   |  |                        | UL Max CC TB bits   | 640   |                |          |
|   |  |                        | UL Max TC TB bits   | 3840  |                |          |
|   |  |                        | UL Max TrCHs  | 2   |                |          |
|   |  |                        | UL Max CCTrCH   | 1   |                |          |
|   |  |                        | UL Max TTI TB   | 16  |                |          |
|   |  |                        | UL Max TFS  | 16  |                |          |
| UL Max TF                                 | 32   |                        |   |   |                |          |
| UL TC                                     | Yes  |                        |   |   |                |          |
| Other required UE radio access capability | None   |                        |   |   |                |          |
| 3   | Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.6.3 | HS-PDSCH  | Yes   | pc_RAB_A_18v_3 |          |
|   |  |                        | DL Max TB bits  | 640   |                |          |
|   |  |                        | DL Max CC TB bits   | 640   |                |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                |          |
|   |  |                        | DL Max TrCHs  | 4   |                |          |
|   |  |                        | DL Max CCTrCH   | 1   |                |          |
| DL Max TTI TB                             | 4  |                        |   |   |                |          |

|   |   |                        |   |      |                |
|---|---|------------------------|---|------|----------------|
|   |   |                        | DL Max TFS                                | 16   |                |
|   |   |                        | DL Max TF                                 | 32   |                |
|   |   |                        | DL TC                                     | N/A  |                |
|   |   |                        | UL Max TB bits                            | 5120 |                |
|   |   |                        | UL Max CC TB bits                         | 640  |                |
|   |   |                        | UL Max TC TB bits                         | 5120 |                |
|   |   |                        | UL Max TrCHs                              | 2    |                |
|   |   |                        | UL Max CCTrCH                             | 1    |                |
|   |   |                        | UL Max TTI TB                             | 16   |                |
|   |   |                        | UL Max TFS                                | 16   |                |
|   |   |                        | UL Max TF                                 | 32   |                |
|   |   |                        | UL TC                                     | Yes  |                |
|   |   |                        | Other required UE radio access capability | None |                |
| 4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.6.4 | HS-PDSCH                                  | Yes  | pc_RAB_A_18v_4 |
|   |   |                        | DL Max TB bits                            | 640  |                |
|   |   |                        | DL Max CC TB bits                         | 640  |                |
|   |   |                        | DL Max TC TB bits                         | N/A  |                |
|   |   |                        | DL Max TrCHs                              | 4    |                |
|   |   |                        | DL Max CCTrCH                             | 1    |                |
|   |   |                        | DL Max TTI TB                             | 4    |                |
|   |   |                        | DL Max TFS                                | 16   |                |
|   |   |                        | DL Max TF                                 | 32   |                |
|   |   |                        | DL TC                                     | N/A  |                |
|   |   |                        | UL Max TB bits                            | 5120 |                |
|   |   |                        | UL Max CC TB bits                         | 640  |                |
|   |   |                        | UL Max TC TB bits                         | 5120 |                |
|   |   |                        | UL Max TrCHs                              | 8    |                |
|   |   |                        | UL Max CCTrCH                             | 1    |                |
|   |   |                        | UL Max TTI TB                             | 16   |                |
|   |   |                        | UL Max TFS                                | 64   |                |
|   |   |                        | UL Max TF                                 | 32   |                |
|   |   |                        | UL TC                                     | Yes  |                |
|   |   |                        | Other required UE radio access capability | None |                |
| 5 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH  | 34.108<br>6.11.6.4.6.5 | HS-PDSCH                                  | Yes  | pc_RAB_A_18v_5 |
|   |   |                        | DL Max TB bits                            | 640  |                |
|   |   |                        | DL Max CC TB bits                         | 640  |                |
|   |   |                        | DL Max TC TB bits                         | N/A  |                |
|   |   |                        | DL Max TrCHs                              | 4    |                |
|   |   |                        | DL Max CCTrCH                             | 1    |                |
|   |   |                        | DL Max TTI TB                             | 4    |                |
|   |   |                        | DL Max TFS                                | 16   |                |
|   |   |                        | DL Max TF                                 | 32   |                |
|   |   |                        | DL TC                                     | N/A  |                |
|   |   |                        | UL Max TB bits                            | 2560 |                |
|   |   |                        | UL Max CC TB bits                         | 640  |                |
|   |   |                        | UL Max TC TB bits                         | 2560 |                |
|   |   |                        | UL Max TrCHs                              | 8    |                |
|   |   |                        | UL Max CCTrCH                             | 1    |                |
|   |   |                        | UL Max TTI TB                             | 8    |                |
|   |   |                        | UL Max TFS                                | 32   |                |
|   |   |                        | UL Max TF                                 | 32   |                |

|   |  |                        |   |      |                |  |
|---|--|------------------------|---|------|----------------|--|
|   |  |                        | UL TC                                     | Yes  |                |  |
|   |  |                        | Other required UE radio access capability | None |                |  |
| 6 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                   | 34.108<br>6.11.6.4.6.6 | HS-PDSCH                                  | Yes  | pc_RAB_A_18v_6 |  |
|   |  |                        | DL Max TB bits                            | 640  |                |  |
|   |  |                        | DL Max CC TB bits                         | 640  |                |  |
|   |  |                        | DL Max TC TB bits                         | N/A  |                |  |
|   |  |                        | DL Max TrCHs                              | 4    |                |  |
|   |  |                        | DL Max CCTrCH                             | 1    |                |  |
|   |  |                        | DL Max TTI TB                             | 4    |                |  |
|   |  |                        | DL Max TFS                                | 16   |                |  |
|   |  |                        | DL Max TF                                 | 32   |                |  |
|   |  |                        | DL TC                                     | N/A  |                |  |
|   |  |                        | UL Max TB bits                            | 7680 |                |  |
|   |  |                        | UL Max CC TB bits                         | 640  |                |  |
|   |  |                        | UL Max TC TB bits                         | 7680 |                |  |
|   |  |                        | UL Max TrCHs                              | 4    |                |  |
|   |  |                        | UL Max CCTrCH                             | 1    |                |  |
|   |  |                        | UL Max TTI TB                             | 32   |                |  |
|   |  |                        | UL Max TFS                                | 32   |                |  |
|   |  |                        | UL Max TF                                 | 32   |                |  |
|   |  |                        | UL TC                                     | Yes  |                |  |
|   |  |                        | Other required UE radio access capability | None |                |  |
| 7 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                                    | 34.108<br>6.11.6.4.6.7 | HS-PDSCH                                  | Yes  | pc_RAB_A_18v_7 |  |
|   |  |                        | DL Max TB bits                            | 3840 |                |  |
|   |  |                        | DL Max CC TB bits                         | 640  |                |  |
|   |  |                        | DL Max TC TB bits                         | 2560 |                |  |
|   |  |                        | DL Max TrCHs                              | 4    |                |  |
|   |  |                        | DL Max CCTrCH                             | 1    |                |  |
|   |  |                        | DL Max TTI TB                             | 8    |                |  |
|   |  |                        | DL Max TFS                                | 16   |                |  |
|   |  |                        | DL Max TF                                 | 32   |                |  |
|   |  |                        | DL TC                                     | Yes  |                |  |
|   |  |                        | UL Max TB bits                            | 5120 |                |  |
|   |  |                        | UL Max CC TB bits                         | 640  |                |  |
|   |  |                        | UL Max TC TB bits                         | 5120 |                |  |
|   |  |                        | UL Max TrCHs                              | 4    |                |  |
|   |  |                        | UL Max CCTrCH                             | 1    |                |  |
|   |  |                        | UL Max TTI TB                             | 16   |                |  |
|   |  |                        | UL Max TFS                                | 32   |                |  |
|   |  |                        | UL Max TF                                 | 32   |                |  |
|   |  |                        | UL TC                                     | Yes  |                |  |
|   |  |                        | Other required UE radio access capability | None |                |  |
| 8 | Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.6.8 | HS-PDSCH                                  | Yes  | pc_RAB_A_18v_8 |  |
|   |  |                        | DL Max TB bits                            | 640  |                |  |

|    |   |                         |   |      |                 |
|----|---|-------------------------|---|------|-----------------|
|    |   |                         | DL Max CC TB bits                         | 640  |                 |
|    |   |                         | DL Max TC TB bits                         | N/A  |                 |
|    |   |                         | DL Max TrCHs                              | 4    |                 |
|    |   |                         | DL Max CCTrCH                             | 1    |                 |
|    |   |                         | DL Max TTI TB                             | 4    |                 |
|    |   |                         | DL Max TFS                                | 16   |                 |
|    |   |                         | DL Max TF                                 | 32   |                 |
|    |   |                         | DL TC                                     | N/A  |                 |
|    |   |                         | UL Max TB bits                            | 5120 |                 |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |
|    |   |                         | UL Max TC TB bits                         | 5120 |                 |
|    |   |                         | UL Max TrCHs                              | 2    |                 |
|    |   |                         | UL Max CCTrCH                             | 1    |                 |
|    |   |                         | UL Max TTI TB                             | 16   |                 |
|    |   |                         | UL Max TFS                                | 16   |                 |
|    |   |                         | UL Max TF                                 | 32   |                 |
|    |   |                         | UL TC                                     | Yes  |                 |
|    |   |                         | Other required UE radio access capability | None |                 |
| 9  | Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH                    | 34.108<br>6.11.6.4.6.9  | HS-PDSCH                                  | Yes  | pc_RAB_A_18v_9  |
|    |   |                         | DL Max TB bits                            | 640  |                 |
|    |   |                         | DL Max CC TB bits                         | 640  |                 |
|    |   |                         | DL Max TC TB bits                         | N/A  |                 |
|    |   |                         | DL Max TrCHs                              | 4    |                 |
|    |   |                         | DL Max CCTrCH                             | 1    |                 |
|    |   |                         | DL Max TTI TB                             | 4    |                 |
|    |   |                         | DL Max TFS                                | 16   |                 |
|    |   |                         | DL Max TF                                 | 32   |                 |
|    |   |                         | DL TC                                     | N/A  |                 |
|    |   |                         | UL Max TB bits                            | 2560 |                 |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |
|    |   |                         | UL Max TC TB bits                         | 2560 |                 |
|    |   |                         | UL Max TrCHs                              | 2    |                 |
|    |   |                         | UL Max CCTrCH                             | 1    |                 |
|    |   |                         | UL Max TTI TB                             | 8    |                 |
|    |   |                         | UL Max TFS                                | 16   |                 |
|    |   |                         | UL Max TF                                 | 32   |                 |
|    |   |                         | UL TC                                     | Yes  |                 |
|    |   |                         | Other required UE radio access capability | None |                 |
| 10 | Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.6.10 | HS-PDSCH                                  | Yes  | pc_RAB_A_18v_10 |
|    |   |                         | DL Max TB bits                            | 640  |                 |
|    |   |                         | DL Max CC TB bits                         | 640  |                 |
|    |   |                         | DL Max TC TB bits                         | N/A  |                 |
|    |   |                         | DL Max TrCHs                              | 4    |                 |
|    |   |                         | DL Max CCTrCH                             | 1    |                 |
|    |   |                         | DL Max TTI TB                             | 4    |                 |
|    |   |                         | DL Max TFS                                | 16   |                 |
|    |   |                         | DL Max TF                                 | 32   |                 |
|    |   |                         | DL TC                                     | N/A  |                 |



|    |   |                         |   |      |                 |
|----|---|-------------------------|---|------|-----------------|
|    |   |                         | UL Max TB bits                            | 6400 |                 |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |
|    |   |                         | UL Max TC TB bits                         | 6400 |                 |
|    |   |                         | UL Max TrCHs                              | 4    |                 |
|    |   |                         | UL Max CCTrCH                             | 1    |                 |
|    |   |                         | UL Max TTI TB                             | 16   |                 |
|    |   |                         | UL Max TFS                                | 48   |                 |
|    |   |                         | UL Max TF                                 | 32   |                 |
|    |   |                         | UL TC                                     | Yes  |                 |
|    |   |                         | Other required UE radio access capability | None |                 |
| 11 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108<br>6.11.6.4.6.11 | HS-PDSCH                                  | Yes  | pc_RAB_A_18v_11 |
|    |   |                         | DL Max TB bits                            | 3840 |                 |
|    |   |                         | DL Max CC TB bits                         | 640  |                 |
|    |   |                         | DL Max TC TB bits                         | 2560 |                 |
|    |   |                         | DL Max TrCHs                              | 4    |                 |
|    |   |                         | DL Max CCTrCH                             | 1    |                 |
|    |   |                         | DL Max TTI TB                             | 8    |                 |
|    |   |                         | DL Max TFS                                | 16   |                 |
|    |   |                         | DL Max TF                                 | 32   |                 |
|    |   |                         | DL TC                                     | Yes  |                 |
|    |   |                         | UL Max TB bits                            | 6400 |                 |
|    |   |                         | UL Max CC TB bits                         | 640  |                 |
|    |   |                         | UL Max TC TB bits                         | 6400 |                 |
|    |   |                         | UL Max TrCHs                              | 8    |                 |
|    |   |                         |   | 1    |                 |
|    |   |                         | UL Max TTI TB                             | 16   |                 |
|    |   |                         | UL Max TFS                                | 64   |                 |
|    |   |                         | UL Max TF                                 | 32   |                 |
|    |   |                         | UL TC                                     | Yes  |                 |
|    |   |                         | Other required UE radio access capability | None |                 |

**Table A.18v2: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on DPCH, HS-PDSCH and E-PUCH**

| Item                                      | 7.68Mcps TDD interoperability radio bearer configuration on DPCH, HS-PDSCH and E-PUCH  | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic        | Comments |
|---|--|------------------------|---|---|-----------------|----------|
| 1   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH on DCH  | 34.108<br>6.11.6.4.7.1 | HS-PDSCH  | Yes   | pc_RAB_A_18v2_1 |          |
|   |  |                        | E-PUCH  | Yes   |                 |          |
|   |  |                        | DL Max TB bits  | 640   |                 |          |
|   |  |                        | DL Max CC TB bits   | 640   |                 |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                 |          |
|   |  |                        | DL Max TrCHs  | 4   |                 |          |
|   |  |                        | DL Max CCTrCH   | 1   |                 |          |
|   |  |                        | DL Max TTI TB   | 4   |                 |          |
|   |  |                        | DL Max TFS  | 16  |                 |          |
|   |  |                        | DL Max TF   | 32  |                 |          |
|   |  |                        | DL TC   | N/A   |                 |          |
|   |  |                        | UL Max TB bits  | 640   |                 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                 |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                 |          |
|   |  |                        | UL Max TrCHs  | 2   |                 |          |
|   |  |                        | UL Max CCTrCH   | 1   |                 |          |
|   |  |                        | UL Max TTI TB   | 2   |                 |          |
|   |  |                        | UL Max TFS  | 4   |                 |          |
|   |  |                        | UL Max TF   | 32  |                 |          |
| UL TC                                     | Yes  |                        |   |   |                 |          |
| Other required UE radio access capability | None   |                        |   |   |                 |          |
| 2   | Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH | 34.108<br>6.11.6.4.7.3 | HS-PDSCH  | Yes   | pc_RAB_A_18v2_2 |          |
|   |  |                        | E-PUCH  | Yes   |                 |          |
|   |  |                        | DL Max TB bits  | 640   |                 |          |
|   |  |                        | DL Max CC TB bits   | 640   |                 |          |
|   |  |                        | DL Max TC TB bits   | N/A   |                 |          |
|   |  |                        | DL Max TrCHs  | 4   |                 |          |
|   |  |                        | DL Max CCTrCH   | 1   |                 |          |
|   |  |                        | DL Max TTI TB   | 4   |                 |          |
|   |  |                        | DL Max TFS  | 16  |                 |          |
|   |  |                        | DL Max TF   | 32  |                 |          |
|   |  |                        | DL TC   | N/A   |                 |          |
|   |  |                        | UL Max TB bits  | 640   |                 |          |
|   |  |                        | UL Max CC TB bits   | 640   |                 |          |
|   |  |                        | UL Max TC TB bits   | N/A   |                 |          |
|   |  |                        | UL Max TrCHs  | 2   |                 |          |
|   |  |                        | UL Max CCTrCH   | 1   |                 |          |
|   |  |                        | UL Max TTI TB   | 2   |                 |          |
|   |  |                        | UL Max TFS  | 4   |                 |          |
|   |  |                        | UL Max TF   | 32  |                 |          |
| UL TC                                     | Yes  |                        |   |   |                 |          |
| Other required UE radio access capability | None   |                        |   |   |                 |          |

|   |  |                        |                   |     |                 |
|---|--|------------------------|-------------------|-----|-----------------|
| 3   | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH   | 34.108<br>6.11.6.4.7.4 | HS-PDSCH          | Yes | pc_RAB_A_18v2_3 |
|   |  |                        | E-PUCH            | Yes |                 |
|   |  |                        | DL Max TB bits    | 640 |                 |
|   |  |                        | DL Max CC TB bits | 640 |                 |
|   |  |                        | DL Max TC TB bits | N/A |                 |
|   |  |                        | DL Max TrCHs      | 4   |                 |
|   |  |                        | DL Max CCTrCH     | 1   |                 |
|   |  |                        | DL Max TTI TB     | 4   |                 |
|   |  |                        | DL Max TFS        | 16  |                 |
|   |  |                        | DL Max TF         | 32  |                 |
|   |  |                        | DL TC             | N/A |                 |
|   |  |                        | UL Max TB bits    | 640 |                 |
|   |  |                        | UL Max CC TB bits | 640 |                 |
|   |  |                        | UL Max TC TB bits | N/A |                 |
|   |  |                        | UL Max TrCHs      | 4   |                 |
|   |  |                        | UL Max CCTrCH     | 1   |                 |
|   |  |                        | UL Max TTI TB     | 4   |                 |
|   |  |                        | UL Max TFS        | 8   |                 |
|   |  |                        | UL Max TF         | 32  |                 |
|   |  |                        | UL TC             | Yes |                 |
| Other required UE radio access capability | None   |                        |                   |     |                 |
| 4   | Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH | 34.108<br>6.11.6.4.7.5 | HS-PDSCH          | Yes | pc_RAB_A_18v2_4 |
|   |  |                        | E-PUCH            | Yes |                 |
|   |  |                        | DL Max TB bits    | 640 |                 |
|   |  |                        | DL Max CC TB bits | 640 |                 |
|   |  |                        | DL Max TC TB bits | N/A |                 |
|   |  |                        | DL Max TrCHs      | 4   |                 |
|   |  |                        | DL Max CCTrCH     | 1   |                 |
|   |  |                        | DL Max TTI TB     | 4   |                 |
|   |  |                        | DL Max TFS        | 16  |                 |
|   |  |                        | DL Max TF         | 32  |                 |
|   |  |                        | DL TC             | N/A |                 |
|   |  |                        | UL Max TB bits    | 640 |                 |
|   |  |                        | UL Max CC TB bits | 640 |                 |
|   |  |                        | UL Max TC TB bits | N/A |                 |
|   |  |                        | UL Max TrCHs      | 4   |                 |
|   |  |                        | UL Max CCTrCH     | 1   |                 |
|   |  |                        | UL Max TTI TB     | 4   |                 |
|   |  |                        | UL Max TFS        | 8   |                 |
|   |  |                        | UL Max TF         | 32  |                 |
|   |  |                        | UL TC             | Yes |                 |
| Other required UE radio access capability | None   |                        |                   |     |                 |

#### A.4.3.3.5 IMB Radio Bearer Capabilities (3.84 Mcps TDD IMB)

The UE radio access capability parameters and their possible value range are defined in TS 25.306 [34a].

The following labels have been used in tables A.18w represent the various UE radio access capability parameters:

|  | <b>Label</b>      | <b>UE radio access capability parameter as defined in [34a] 25.306.</b>   |
|--|-------------------|---|
| Transport channel parameters in downlink | DL Max TB bits    | Maximum sum of number of bits of all transport blocks being received at an arbitrary time instant                       |
|  | DL Max CC TB bits | Maximum sum of number of bits of all convolutionally coded transport blocks being received at an arbitrary time instant |
|  | DL Max TC TB bits | Maximum sum of number of bits of all turbo coded transport blocks being received at an arbitrary time instant           |
|  | DL Max TrCHs      | Maximum number of simultaneous transport channels   |
|  | DL Max CCTrCH     | Maximum number of simultaneous CCTrCH   |
|  | DL Max TTI TB     | Maximum total number of transport blocks received within TTIs that end within the same time                             |
|  | DL Max TFS        | Maximum number of TFC in the TFCS   |
|  | DL Max TF         | Maximum number of TF  |
|  | DL TC             | Support for turbo decoding  |

**Table A.18w: 3.84Mcps TDD IMB interoperability radio bearer capabilities**

| Item | 3.84Mcps TDD IMB interoperability radio bearer configuration | Ref.                   | Applicability Parameters (Minimum UE radio access capability) | Applicability Values (Minimum UE radio access capability) | Mnemonic       | Comments                              |
|------|--|------------------------|---|---|----------------|---------------------------------------|
| 1    | 124.4kbps RB for MBSFN MTCH with 80ms TTI                    | 34.108<br>6.11.7.2.2.1 | DL Max TB bits  | 40960   | pc_RAB_A_18w_1 | per S-CCPCH type 2 carrying MTCH/MSCH |
|      |  |                        | DL Max CC TB bits   | N/A   |                |                                       |
|      |  |                        | DL Max TC TB bits   | 40960   |                |                                       |
|      |  |                        | DL Max TrCHs  | 8   |                |                                       |
|      |  |                        | DL Max CCTrCH   | 2   |                |                                       |
|      |  |                        | DL Max TTI TB   | 128   |                |                                       |
|      |  |                        | DL Max TFS  | 32  |                |                                       |
|      |  |                        | DL Max TF   | 32  |                |                                       |
| 2    | 320.4kbps RB for MBSFN MTCH with 80ms TTI                    | 34.108<br>6.11.7.2.2.2 | DL Max TB bits  | 40960   | pc_RAB_A_18w_2 | per S-CCPCH type 2 carrying MTCH/MSCH |
|      |  |                        | DL Max CC TB bits   | N/A   |                |                                       |
|      |  |                        | DL Max TC TB bits   | 40960   |                |                                       |
|      |  |                        | DL Max TrCHs  | 8   |                |                                       |
|      |  |                        | DL Max CCTrCH   | 2   |                |                                       |
|      |  |                        | DL Max TTI TB   | 128   |                |                                       |
|      |  |                        | DL Max TFS  | 32  |                |                                       |
|      |  |                        | DL Max TF   | 32  |                |                                       |
| 3    | 497.6kbps RB for MBSFN MTCH with 80ms TTI                    | 34.108<br>6.11.7.2.2.3 | DL Max TB bits  | 40960   | pc_RAB_A_18w_3 | per S-CCPCH type 2 carrying MTCH/MSCH |
|      |  |                        | DL Max CC TB bits   | N/A   |                |                                       |
|      |  |                        | DL Max TC TB bits   | 40960   |                |                                       |
|      |  |                        | DL Max TrCHs  | 8   |                |                                       |
|      |  |                        | DL Max CCTrCH   | 2   |                |                                       |
|      |  |                        | DL Max TTI TB   | 128   |                |                                       |
|      |  |                        | DL Max TFS  | 32  |                |                                       |
|      |  |                        | DL Max TF   | 32  |                |                                       |
| 4    | 7.6kbps signalling RB for MBSFN MCCH                         | 34.108<br>6.11.7.2.1.1 | DL Max TB bits  | 1280  | pc_RAB_A_18w_4 | per S-CCPCH carrying MCCH             |
|      |  |                        | DL Max CC TB bits   | 1280  |                |                                       |
|      |  |                        | DL Max TC TB bits   | N/A   |                |                                       |
|      |  |                        | DL Max TrCHs  | 1   |                |                                       |
|      |  |                        | DL Max CCTrCH   | 1   |                |                                       |
|      |  |                        | DL Max TTI TB   | 8   |                |                                       |
|      |  |                        | DL Max TFS  | 32  |                |                                       |
|      |  |                        | DL Max TF   | 32  |                |                                       |
|      |  |                        | DL TC   | No  |                |                                       |

## A.4.3.4 Layer 2/3 Baseline Implementation Capabilities (access stratum)

Table A.19a: PDCP Parameters

| Item | PDCP Parameters                          | Ref.                       | Release | Mnemonic                              | Comments  |
|------|--|----------------------------|---------|---------------------------------------|---|
| 1    | Support of RFC 2507                      | 25.323, 5.1.2              | R99     | pc_RFC2507                            | IP header compression protocol RFC 2507 is supported                            |
| 2    | Support of Lossless SRNS relocation      | 25.323, 5.4                | R99     | pc_LosslessSRNS_Reloc                 | Lossless SRNS Relocation is supported   |
| 3    | More than one PDCP entity                | 25.323, 5.1                | R99     |                                       | Establishment of more than one PDCP entities is supported                       |
| 4    | Support of UM RB and AM RB               | 34.123-1, 7.3.2.2.4        | R99     |                                       | Support of two radio bearer RLC AM and RLC UM as defined in test case 7.3.2.2.4 |
| 5    | Support of RFC 3095                      | 25.323, 5.1, RFC IETF 3095 | Rel-4   | pc_RFC3095                            | IP header compression protocol RFC 3095 is supported                            |
| 6    | Maximum header compression context space | 25.306, 4.1                | Rel-5   | pc_MaxHcContextSpace_r5_ext           |   |
| 7    | Support for RFC 3095 context relocation  | 25.306, 4.1                | Rel-5   | pc_SupportForRfc3095ContextRelocation |   |

Table A.19b: BMC Parameters

| Item | BMC Parameters             | Ref.        | Release | Mnemonic | Comments  |
|------|----------------------------|-------------|---------|----------|---|
| 1    | Support of BMC             | 25.324, 9.1 | R99     |          | BMC is supported, i.e. the UE is capable of receiving and forwarding BMC messages   |
| 2    | Support of BMC Scheduling  | 25.324, 9.1 | R99     |          | BMC DRX Scheduling (Level 2 Scheduling) is supported, i.e. the UE is capable to perform DRX for predicted, scheduled BMC messages |
| 3    | Support of ANSI-41 CB data | 25.324, 9.1 | R99     |          | BMC supports the reception of ANSI-41 CB data   |

Table A.19c: RLC Parameters

| Item | RLC Parameters                               | Ref.        | Release | Mnemonic                         | Comments |
|------|--|-------------|---------|----------------------------------|----------|
| 1    | Total RLC AM and MAC-hs buffer size          | 25.306, 5.1 | Rel-5   | pc_TotalRLC_AM_BufferSize_r5_ext |          |
| 2    | Total RLC AM, MAC-hs and MAC-ehs buffer size | 25.306, 5.1 | Rel-9   | pc_TotalRLC_AM_BufferSize_r9_ext |          |

## A.4.4 Additional information

**Table A.20: Additional information**



| Item | Additional information   | Ref.                         | Release | Mnemonic                   | Comments                       |
|------|--|------------------------------|---------|----------------------------|--------------------------------|
| 1    | At least one CS bearer service   | 22.002, 3                    | R99     | pc_CS_BearerServ           |                                |
| 2    | At least one supplementary service   | 22.004, 4                    | R99     | pc_CS_SupplServ            |                                |
| 3    | Inter-system measurement for GSM   | 25.331, 8.4                  | R99     | pc_IntSysMsr               | Used in Low priority test case |
| 4    | At least one MO circuit switched basic service   | 24.008, 5.3.4.2.1            | R99     | pc_MO_Serv                 |                                |
| 5    | At least one MT circuit switched basic service   | 24.008, 5.3.4.2.2            | R99     | pc_MT_Serv                 |                                |
| 6    | Immediate connect supported for all circuit switched basic services.   | 24.008, 5.2.1.6              | R99     | pc_ImmConnect              |                                |
| 7    | Activation of one or more PDP contexts simultaneously  | 24.008, 6.1.3.2              | R99     | pc_ActivateSimultaneousPDP |                                |
| 8    | Sending of correct acknowledgement of memory full condition  | [TBD]                        | R99     | pc_SMS_MemFull             | Used in Low priority test case |
| 9    | Status report capability   | [TBD]                        | R99     | pc_SMS_StatReport          | Used in Low priority test case |
| 10   | Void   |                              |         |                            | Used in Low priority test case |
| 11   | Storing of received Class 1 short messages   | [TBD]                        | R99     | pc_SMS_Class1Store         | Used in Low priority test case |
| 12   | Storing of received Class 2 short messages in the SIM  | [TBD]                        | R99     | pc_SMS_Class2Store         | Used in Low priority test case |
| 13   | Replacing of short messages  | [TBD]                        | R99     | pc_SMS_Replace             | Used in Low priority test case |
| 14   | Reply procedures   | 23.040, Annex 4              | R99     |                            |                                |
| 15   | Sending of concatenated multiple short messages on the same RR connection when there is no call in progress                        | 23.040, 3.1                  | R99     | pc_SMS_MultiNoCall         |                                |
| 16   | Sending of concatenated multiple short messages on the same RR connection when there is a call in progress                         | 23.040, 3.1                  | R99     | pc_SMS_MultiCallEx         |                                |
| 17   | Only circuit switched basic service supported by the mobile is emergency call  | 22.003, 6, A.1.2             | R99     | pc_OnlyEmergency           |                                |
| 18   | Multi-code transmission  | [TBD]                        | R99     |                            |                                |
| 19   | Poll_PU based polling mode of AM RLC   | [TBD]                        | R99     |                            |                                |
| 20   | Timer based polling mode of AM RLC   | [TBD]                        | R99     |                            |                                |
| 21   | Discard mode of AM RLC   | [TBD]                        | R99     |                            |                                |
| 22   | At least one MO circuit switched basic service   | [TBD]                        | R99     |                            |                                |
| 23   | At least one MO circuit switched basic service for which immediate connect is not used   | [TBD]                        | R99     |                            |                                |
| 24   | Network initiated MO call (CCBS)   | 24.008, 5.2.3<br>24.093, 4.1 | R99     |                            |                                |
| 25   | DTMF protocol control procedure  | 24.008, 5.5.7                | R99     |                            |                                |
| 26   | Secondary PDP context activation by the UE   | 24.008, 6.1.3.2              | R99     | pc_SecPDP_Support          |                                |
| 26a  | Secondary PDP context activation by the network  | 24.008, 6.1.3.2              | Rel-7   | pc_NwSecPDP_Support        |                                |
| 27   | Void   |                              |         |                            |                                |
| 28   | Void   |                              |         |                            |                                |
| 29   | Support Automatic calling repeat call attempt  | 22.001, Annex E              | R99     | pc_AutocallingSupported    | Used in Low priority test case |
| 30   | Support auto-calling more B-party numbers than the number of B-party numbers that can be stored in the list of blacklisted numbers | 22.001, Annex E              | R99     | pc_AutocallingMoreB        | Used in Low priority test case |
| 31   | UE capable of displaying short messages in PS mode   | TBD                          | R99     |                            |                                |
| 32   | Support of Follow On Proceed   | 24.008, 4.4.4.6              | R99     |                            |                                |
| 33   | Void   |                              |         |                            |                                |
| 34   | Support detach on USIM removal   |                              | R99     | pc_DetachOnUSIM_Rmv        |                                |
| 35   | Support switch on/off  |                              | R99     | pc_SwitchOnOff             |                                |
| 36   | Support USIM removal without power down  |                              | R99     | pc_USIM_Rmv                |                                |
| 37   | Void   |                              |         |                            |                                |

|    |  |   |       |                                   |   |
|----|--|---|-------|-----------------------------------|---|
| 38 | Support of automatic PS attach procedure at switch on.                       | 24.008, 4.7.3                           | R99   | pc_AutomaticAttachSwitchON        |   |
| 39 | User requested combined PS and non-PS detached without powering off          | 24.008, 4.7.4                           | R99   | pc_UserRequestedDetach            |   |
| 40 | User requested non-PS detached   | 24.008, 4.7.4                           | R99   | pc_UserRequestedNonPSDetach       | Used in Low priority test case  |
| 41 | Void   |   |       |                                   |   |
| 42 | PS attach attempted automatically by outstanding request                     | 24.008, 4.7                             | R99   | pc_PS_AttachByRequest             |   |
| 43 | Support for making an outgoing PS call by AT commands                        | 27.007, 10.1.10, 10.1.6, 10.1.1, 10.1.7 | R99   | pc_AT_SupportToInit_PS_Call       |   |
| 44 | Void   |   |       |                                   |   |
| 45 | Controlled Early Classmark Sending" option implementation                    | 24.008, 10.5.1.6                        | R99   | px_MS_ClsmkESIND                  |   |
| 46 | Void   |   |       |                                   |   |
| 47 | Void   |   |       |                                   |   |
| 48 | Algorithm A5/4 supported   | 24.008, 10.5.1.7                        | R99   |                                   |   |
| 49 | Algorithm A5/5 supported   | 24.008, 10.5.1.7                        | R99   |                                   |   |
| 50 | Algorithm A5/6 supported   | 24.008, 10.5.1.7                        | R99   |                                   |   |
| 51 | Algorithm A5/7 supported   | 24.008, 10.5.1.7                        | R99   |                                   |   |
| 52 | Void   |   |       |                                   |   |
| 53 | Void   |   |       |                                   |   |
| 54 | Void   |   |       |                                   |   |
| 55 | Void   |   |       |                                   |   |
| 56 | Void   |   |       |                                   |   |
| 57 | Void   |   |       |                                   |   |
| 58 | Void   |   |       |                                   |   |
| 59 | Void   |   |       |                                   |   |
| 60 | Void   |   |       |                                   |   |
| 61 | Void   |   |       |                                   |   |
| 62 | Access technology priority supported in HPLMNwACT field                      | 23.122, 4.4.3.1.1 f)                    | R99   | pc_AccessTechPriSupplnHPLMNwACT   | It is allowed for R99 UE to implement either R99 or Rel-6 behaviour   |
| 63 | User requested PS detach without powering off                                | 24.008, 4.7.4                           | R99   | pc_UserRequestedPS_Detach         |   |
| 64 | Void   |   |       |                                   |   |
| 65 | AT command +CHUP supported   | 27.007, 6.5                             | R99   | pc_CHUP_AT_CommandSupp            |   |
| 66 | UE which supports follow-on request procedure (PS)                           | 24.008 4.7.3.1, 10.5.5.2                | R99   | pc_SupportFollowOnRequest         |   |
| 67 | UE which supports Inter-RAT network assisted cell change from UTRAN          | 25.331 8.3.11.3                         | Rel-5 | pc_SupportOfUTRAN_ToGERAN_NACC    |   |
| 68 | RLP supported  | 24.022                                  | R99   | pc_RLPsupported                   |   |
| 69 | void   |   |       |                                   |   |
| 70 | Void   |   |       |                                   |   |
| 71 | Void   |   |       |                                   |   |
| 72 | Support of DSAC  | 24.008, 4.1.1.2                         | Rel-5 | pc_DSAC_Rel                       | DSAC is a mandatory feature in Rel-6 and later releases, but it is optional for Rel-5 UEs. (See [39] Annex D) |
| 73 | Void   |   |       |                                   |   |
| 74 | Void   |   |       |                                   |   |
| 75 | Automatic attach procedure when UE identity cannot be derived by the network | 24.008, 4.7.5.1.4                       | R99   | pc_AutomaticAttachUEIDnotDerived  |   |
| 76 | GMM Information Supported  | 24.008, 4.7.12                          | R99   | pc_GMM_InformationSupported       |   |
| 77 | Multiplexer protocol supported   | 27.010, Introduction                    | R99   | pc_MUX_Support                    |   |
| 78 | Support of Automatic MBMS Service Reception                                  | 23.246, 4.4.3.2                         | Rel-6 | pc_MBMS_AutomaticSessionReception |   |
| 79 | Support of mobility between 3GPP WLAN Interworking and 3GPP Systems          | 24.327                                  | Rel-8 | pc_IWLAN_Mob                      |   |
| 80 | Support for being configured to discover the Home Agent address via DNS      | 24.327                                  | Rel-8 | pc_HAAddress_via_DNS              |   |

|    |  |   |                      |   |   |
|----|--|---|----------------------|---|---|
| 81 | Support of CS call establishment   | 24.008, 5   | R99                  | pc_CS_CallEst                               | This ICS is set to true if UE supports CS call establishment. i.e at least one of the ics items:<br>- A.2/1: Narrow band speech (AMR),<br>- A.2/1: At least one CS bearer service,<br>- A.2/2: At least one call related supplementary service,<br>A.2/2: Emergency call is set to true |
| 82 | Support for being configured to discover the Home Agent address through PCO context activation   | 24.327  | Rel-8                | pc_HAAddress_via_PCO                        |   |
| 83 | Void   |   |                      |   |   |
| 84 | Support of duplicate detection for ETWS in RRC   | 25.331, 8.6.8a.1  | Rel-8 and Rel-9 only | pc_DD_ETWS_RRC                              | Duplicate detection for ETWS in RRC was removed from 25.331 from Rel-10. A Rel-8 or Rel-9 UE may optionally implement the Rel-10 behaviour to not support duplicate detection for ETWS in RRC   |
| 85 | Support of logged measurements in Idle mode and PCH States   | 25.306 4.15   | Rel-10               | pc_Loggedmeasurements_Idle_PCH              |   |
| 86 | Support of HS-PDSCH and autonomous receiving of MIB Value Tag before or parallel to receiving SIB INFORMATION CHANGE INDICATION in SIB 5 or SIB 5bis in CELL_FACH state. | 25.331, 8.1.1.6   | Rel-8                | pc_HS_PDSCH_AutonomousReceptionMIB_ValueTag |   |
| 87 | Support of Connection Establishment Failure logging  | 25.331, 8.1.3.11  | Rel-11               | pc_ConEstFail_logging                       |   |
| 88 | Support EAB configuration  | 24.008, 4.1.1.5   | Rel-11               | pc_EAB                                      |   |
| 89 | Support of QoE Measurement Collection for streaming services   | 25.306, 4.9<br>25.331, 8.4.1.3,<br>8.3.1.2, 10.3.3.3<br>and 11.3.<br>26.247,<br>10.1~10.6 | Rel-14               | pc_QMC_streaming                            |   |
| 90 | Support of test execution with No USIM   | 22.101, 10.1  | R99                  | pc_No_USIM_Test Execution                   | Device is either able to remove the USIM or able to deactivate the USIM profile for eSIM case   |

## A.4.5 Additional information for the audit capabilities

**Table A.21: Additional information for audit of UTRA capabilities**

| Item | UTRA Capabilities  | Ref.              | Release | Mnemonic | Comments |
|------|--|-------------------|---------|----------|----------|
| 1    | Require DL compressed mode in order to perform measurements on UTRA FDD        | 25.331, 10.3.3.21 | R99     |          |          |
| 2    | Require UL compressed mode in order to perform measurements on UTRA FDD        | 25.331, 10.3.3.21 | R99     |          |          |
| 3    | Require DL compressed mode in order to perform measurements on UTRA FDD Band 1 | 25.331, 10.3.3.21 | R99     |          |          |
| 4    | Require UL compressed mode in order to perform measurements on UTRA FDD Band 1 | 25.331, 10.3.3.21 | R99     |          |          |
| 5    | Require DL compressed mode in order to perform measurements on UTRA FDD Band 2 | 25.331, 10.3.3.21 | R99     |          |          |
| 6    | Require UL compressed mode in order to perform measurements on UTRA FDD Band 2 | 25.331, 10.3.3.21 | R99     |          |          |
| 7    | Require DL compressed mode in order to perform measurements on UTRA FDD Band 3 | 25.331, 10.3.3.21 | R99     |          |          |
| 8    | Require UL compressed mode in order to perform measurements on UTRA FDD Band 3 | 25.331, 10.3.3.21 | R99     |          |          |
| 9    | Require DL compressed mode in order to perform measurements on UTRA FDD Band 4 | 25.331, 10.3.3.21 | R99     |          |          |
| 10   | Require UL compressed mode in order to perform measurements on UTRA FDD Band 4 | 25.331, 10.3.3.21 | R99     |          |          |
| 11   | Require DL compressed mode in order to perform measurements on UTRA FDD Band 5 | 25.331, 10.3.3.21 | R99     |          |          |
| 12   | Require UL compressed mode in order to perform measurements on UTRA FDD Band 5 | 25.331, 10.3.3.21 | R99     |          |          |
| 13   | Require DL compressed mode in order to perform measurements on UTRA FDD Band 6 | 25.331, 10.3.3.21 | R99     |          |          |
| 14   | Require UL compressed mode in order to perform measurements on UTRA FDD Band 6 | 25.331, 10.3.3.21 | R99     |          |          |
| 15   | Require DL compressed mode in order to perform measurements on UTRA FDD Band 7 | 25.331, 10.3.3.21 | R99     |          |          |
| 16   | Require UL compressed mode in order to perform measurements on UTRA FDD Band 7 | 25.331, 10.3.3.21 | R99     |          |          |
| 17   | Require DL compressed mode in order to perform measurements on UTRA FDD Band 8 | 25.331, 10.3.3.21 | R99     |          |          |

|    |   |                   |     |  |  |
|----|---|-------------------|-----|--|--|
| 18 | Require UL compressed mode in order to perform measurements on UTRA FDD Band 8  | 25.331, 10.3.3.21 | R99 |  |  |
| 19 | Require DL compressed mode in order to perform measurements on UTRA FDD Band 9  | 25.331, 10.3.3.21 | R99 |  |  |
| 20 | Require UL compressed mode in order to perform measurements on UTRA FDD Band 9  | 25.331, 10.3.3.21 | R99 |  |  |
| 21 | Require DL compressed mode in order to perform measurements on UTRA FDD Band 10 | 25.331, 10.3.3.21 | R99 |  |  |
| 22 | Require UL compressed mode in order to perform measurements on UTRA FDD Band 10 | 25.331, 10.3.3.21 | R99 |  |  |
| 23 | Require DL compressed mode in order to perform measurements on UTRA FDD Band 11 | 25.331, 10.3.3.21 | R99 |  |  |
| 24 | Require UL compressed mode in order to perform measurements on UTRA FDD Band 11 | 25.331, 10.3.3.21 | R99 |  |  |
| 25 | Require DL compressed mode in order to perform measurements on UTRA FDD Band 12 | 25.331, 10.3.3.21 | R99 |  |  |
| 26 | Require UL compressed mode in order to perform measurements on UTRA FDD Band 12 | 25.331, 10.3.3.21 | R99 |  |  |
| 27 | Require DL compressed mode in order to perform measurements on UTRA FDD Band 13 | 25.331, 10.3.3.21 | R99 |  |  |
| 28 | Require UL compressed mode in order to perform measurements on UTRA FDD Band 13 | 25.331, 10.3.3.21 | R99 |  |  |
| 29 | Require DL compressed mode in order to perform measurements on UTRA FDD Band 14 | 25.331, 10.3.3.21 | R99 |  |  |
| 30 | Require UL compressed mode in order to perform measurements on UTRA FDD Band 14 | 25.331, 10.3.3.21 | R99 |  |  |
| 31 | Require DL compressed mode in order to perform measurements on UTRA FDD Band 19 | 25.331, 10.3.3.21 | R99 |  |  |
| 32 | Require UL compressed mode in order to perform measurements on UTRA FDD Band 19 | 25.331, 10.3.3.21 | R99 |  |  |
| 33 | Require DL compressed mode in order to perform measurements on UTRA FDD Band 21 | 25.331, 10.3.3.21 | R99 |  |  |

|    |   |                     |       |  |  |
|----|---|---------------------|-------|--|--|
| 34 | Require UL compressed mode in order to perform measurements on UTRA FDD Band 21                 | 25.331, 10.3.3.21   | R99   |  |  |
| 35 | Require DL compressed mode in order to perform measurements on multi-carrier                    | 25.331, 10.3.3.21   | R99   | pc_DL_CompressedModeRequiredForMultiCarrier_Meas |  |
| 36 | Require UL compressed mode in order to perform measurements on multi-carrier                    | 25.331, 10.3.3.21   | R99   | pc_UL_CompressedModeRequiredForMultiCarrier_Meas |  |
| 37 | Support for System Information Block type 11bis   | 25.331, 10.3.3.42   | Rel-6 | pc_SupportSIB11bis                               |  |
| 38 | Capable of benefiting from battery consumption optimisation                                     | 25.331, 10.3.3.42   | Rel-6 | pc_DeviceType                                    |  |
| 39 | Support for E-DPCCH Power Boosting  | 25.331, 10.3.3.42   | Rel-7 |  |  |
| 40 | Support for Two DRX schemes in URA_PCH and CELL_PCH   | 25.331, 10.3.3.42   | Rel-7 | pc_TwoDRX_InPCH_States                           |  |
| 41 | Support for E-DPDCH power interpolation formula   | 25.331, 10.3.3.42   | Rel-7 |  |  |
| 42 | Support of TX Diversity on DL Control Channels by MIMO Capable UE when MIMO operation is active | 25.331, 10.3.3.42oa | Rel-7 |  | Applicable if pc_MIMO is set to true     |
| 43 | Support for Two logical channel Configuration   | 25.331, 10.3.3.34   | Rel-7 |  |  |
| 44 | Require DL compressed mode in order to perform measurements on adjacent carriers                | 25.331, 10.3.3.21   | Rel-8 | pc_DL_CompressedModeRequiredForAdjacentCarriers  |  |
| 45 | Support UTRA CELL_PCH/URA_PCH to EUTRA RRC_IDLE cell reselection                                | 25.331, Annex E     | Rel-8 | pc_PCH_StatesToEUTRA_IdleReselection             |  |
| 46 | Support for absolute priority based cell re-selection in UTRAN                                  | 25.331, 10.3.3.42   | Rel-8 | pc_AbsolutePriorityReselection                   |  |
| 47 | Support for cell-specific Tx diversity configuration for dual-cell operation                    | 23.331, 10.3.3.42   | Rel-8 |  | Applicable if pc_DualCell is set to true |
| 48 | Void  |                     |       |  |  |
| 49 | Void  |                     |       |  |  |
| 50 | Void  |                     |       |  |  |
| 51 | Support of intra-frequency proximity indication   | 25.331, 10.3.3.8a   | Rel-9 |  |  |
| 52 | Support for lossless DL RLC PDU size change   | 25.323, 5.5         | Rel-5 |  |  |

**Table A.22: Additional information for audit of inter UTRA/E-UTRA capabilities**



| Item | UTRA/E-UTRA Capabilities   | Ref.              | Release | Mnemonic                          | Comments |
|------|--|-------------------|---------|-----------------------------------|----------|
| 1    | Support E-UTRA measurements and reporting in connected mode                                    | 25.331, Annex E   | Rel-8   | pc_EUTRAN_MeasurementsInConnected |          |
| 2    | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 1  | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 3    | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 2  | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 4    | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 3  | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 5    | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 4  | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 6    | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 5  | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 7    | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 6  | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 8    | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 7  | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 9    | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 8  | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 10   | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 9  | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 11   | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 10 | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 12   | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 11 | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 13   | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 12 | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 14   | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 13 | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 15   | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 14 | 25.331, 10.3.3.21 | Rel-8   |                                   |          |
| 16   | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 17 | 25.331, 10.3.3.21 | Rel-8   |                                   |          |

|    |  |                    |       |  |  |
|----|--|--------------------|-------|--|--|
| 17 | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 18 | 25.331, 10.3.3.21  | Rel-8 |  |  |
| 18 | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 19 | 25.331, 10.3.3.21  | Rel-8 |  |  |
| 19 | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 20 | 25.331, 10.3.3.21  | Rel-8 |  |  |
| 20 | Require DL and UL compressed mode in order to perform measurements on E-UTRA frequency band 21 | 25.331, 10.3.3.21  | Rel-8 |  |  |
| 21 | Support of E-UTRA proximity indication   | 25.331, 10.3.3.8a  | Rel-9 |  |  |
| 22 | Support of E-UTRA SI acquisition for HO  | 25.331, 10.3.3.21c | Rel-9 |  |  |

**Table A.23: Additional information for audit of inter UTRA/GERAN capabilities**

| Item | UTRA/GERAN Capabilities   | Ref.              | Release | Mnemonic                                | Comments |
|------|---|-------------------|---------|---|----------|
| 1    | Require DL compressed mode in order to perform measurements on GSM 900P | 25.331, 10.3.3.21 | R99     | pc_DL_CompressedModeRequiredForGSM_900P |          |
| 2    | Require UL compressed mode in order to perform measurements on GSM 900P | 25.331, 10.3.3.21 | R99     | pc_UL_CompressedModeRequiredForGSM_900P |          |
| 3    | Require DL compressed mode in order to perform measurements on GSM 900E | 25.331, 10.3.3.21 | R99     |   |          |
| 4    | Require UL compressed mode in order to perform measurements on GSM 900E | 25.331, 10.3.3.21 | R99     |   |          |
| 5    | Require DL compressed mode in order to perform measurements on DCS 1800 | 25.331, 10.3.3.21 | R99     | pc_DL_CompressedModeRequiredForDCS_1800 |          |
| 6    | Require UL compressed mode in order to perform measurements on DCS 1800 | 25.331, 10.3.3.21 | R99     | pc_UL_CompressedModeRequiredForDCS_1800 |          |
| 7    | Require DL compressed mode in order to perform measurements on GSM 1900 | 25.331, 10.3.3.21 | R99     | pc_DL_CompressedModeRequiredForGSM_1900 |          |
| 8    | Require UL compressed mode in order to perform measurements on GSM 1900 | 25.331, 10.3.3.21 | R99     | pc_UL_CompressedModeRequiredForGSM_1900 |          |
| 9    | Require DL compressed mode in order to perform measurements on GSM 450  | 25.331, 10.3.3.21 | R99     |   |          |
| 10   | Require UL compressed mode in order to perform measurements on GSM 450  | 25.331, 10.3.3.21 | R99     |   |          |
| 11   | Require DL compressed mode in order to perform measurements on GSM 480  | 25.331, 10.3.3.21 | R99     |   |          |
| 12   | Require UL compressed mode in order to perform measurements on GSM 480  | 25.331, 10.3.3.21 | R99     |   |          |
| 13   | Require DL compressed mode in order to perform measurements on GSM 850  | 25.331, 10.3.3.21 | R99     |   |          |
| 14   | Require UL compressed mode in order to perform measurements on GSM 850  | 25.331, 10.3.3.21 | R99     |   |          |

**Table A.24: Additional information for audit of E-UTRA capabilities**

| Item | E-UTRA Capabilities                             | Ref.          | Release | Mnemonic | Comments |
|------|---|---------------|---------|----------|----------|
| 1    | Supports only half duplex operation for band 1  | 36.101, 5.1   | Rel-8   |          |          |
| 2    | Supports only half duplex operation for band 2  | 36.101, 5.1   | Rel-8   |          |          |
| 3    | Supports only half duplex operation for band 3  | 36.101, 5.1   | Rel-8   |          |          |
| 4    | Supports only half duplex operation for band 4  | 36.101, 5.1   | Rel-8   |          |          |
| 5    | Supports only half duplex operation for band 5  | 36.101, 5.1   | Rel-8   |          |          |
| 6    | Supports only half duplex operation for band 6  | 36.101, 5.1   | Rel-8   |          |          |
| 7    | Supports only half duplex operation for band 7  | 36.101, 5.1   | Rel-8   |          |          |
| 8    | Supports only half duplex operation for band 8  | 36.101, 5.1   | Rel-8   |          |          |
| 9    | Supports only half duplex operation for band 9  | 36.101, 5.1   | Rel-8   |          |          |
| 10   | Supports only half duplex operation for band 10 | 36.101, 5.1   | Rel-8   |          |          |
| 11   | Supports only half duplex operation for band 11 | 36.101, 5.1   | Rel-8   |          |          |
| 12   | Supports only half duplex operation for band 12 | 36.101, 5.1   | Rel-8   |          |          |
| 13   | Supports only half duplex operation for band 13 | 36.101, 5.1   | Rel-8   |          |          |
| 14   | Supports only half duplex operation for band 14 | 36.101, 5.1   | Rel-8   |          |          |
| 15   | Supports only half duplex operation for band 17 | 36.101, 5.1   | Rel-8   |          |          |
| 16   | Supports only half duplex operation for band 18 | 36.101, 5.1   | Rel-9   |          |          |
| 17   | Supports only half duplex operation for band 19 | 36.101, 5.1   | Rel-9   |          |          |
| 18   | Supports only half duplex operation for band 20 | 36.101, 5.1   | Rel-9   |          |          |
| 19   | Supports only half duplex operation for band 21 | 36.101, 5.1   | Rel-9   |          |          |
| 20   | Supports ROHC profile 0x0001                    | 36.331, 6.3.6 | Rel-8   |          |          |
| 21   | Supports ROHC profile 0x0002                    | 36.331, 6.3.6 | Rel-8   |          |          |
| 22   | Supports ROHC profile 0x0003                    | 36.331, 6.3.6 | Rel-8   |          |          |
| 23   | Supports ROHC profile 0x0004                    | 36.331, 6.3.6 | Rel-8   |          |          |
| 24   | Supports ROHC profile 0x0006                    | 36.331, 6.3.6 | Rel-8   |          |          |
| 25   | Supports ROHC profile 0x0101                    | 36.331, 6.3.6 | Rel-8   |          |          |
| 26   | Supports ROHC profile 0x0102                    | 36.331, 6.3.6 | Rel-8   |          |          |
| 27   | Supports ROHC profile 0x0103                    | 36.331, 6.3.6 | Rel-8   |          |          |
| 28   | Supports ROHC profile 0x0104                    | 36.331, 6.3.6 | Rel-8   |          |          |
| 29   | Supports Specific Reference Signals             | 36.331, 6.3.6 | Rel-8   |          |          |
| 30   | Supports Tx Antenna Selection                   | 36.331, 6.3.6 | Rel-8   |          |          |

Annex B (informative):  
Void

## Annex C (informative): Labelling of signalling test cases

This Annex provides a labelling guideline for the FDD signalling test cases. The purpose of this Annex is to aid clear and traceable test case identification, both for the purposes of validation reporting in the certification organisations as well as for test houses to unambiguously identify the tested frequency bands. Note that actual band combinations to be tested shall be specified by the certification organisations.

### C.1 Labelling of FDD inter-band tests

It is recommended the following labelling convention should be used for the inter-band derivative test cases covering different FDD band combinations:

"Test Case number" ("Primary FDD band"-"Secondary FDD band")

FDD bands are listed using Roman numerals.

For example: 6.1.2.1(I-V) for inter-band test covering bands I and V.

The above mentioned labelling convention shall apply to the following inter-band tests defined in TS 34.123-1:

| Test Type | Test Case Number   |
|-----------|--|
| Idle Mode | 6.1.2.1a, 6.1.2.10a  |
| RRC       | 8.1.2.10a, 8.1.2.21a, 8.1.2.22a, 8.2.1.24a, 8.2.1.34a, 8.2.6.37b, 8.3.1.1a, 8.3.2.1a, 8.4.1.2B, 8.4.1.24A, 8.4.1.25A |

### C.2 FDD/GSM band combinations for inter-RAT tests

It is recommended the following labelling convention should be used for the inter-RAT derivative test cases covering different FDD/GSM band combinations:

"Test Case number" ("FDD band"-"GSM Frequency band")

FDD bands are listed using Roman numerals.

For example: 6.2.1.1(I-900) for inter-RAT test covering FDD band I and GSM 900.

The above mentioned labelling convention shall apply to the following inter-RAT tests defined in TS 34.123-1:

| Test Type           | Test Case Number  |
|---------------------|---|
| Idle Mode           | 6.2.1.1, 6.2.1.2, 6.2.1.2a, 6.2.1.3, 6.2.1.4, 6.2.1.5, 6.2.1.6, 6.2.1.7, 6.2.1.8, 6.2.1.8a.1, 6.2.1.8a.2, 6.2.1.8a.3, 6.2.1.9, 6.2.1.11, 6.2.2.1, 6.2.2.2, 6.2.2.3, 6.2.2.4, 6.2.2.5, 6.2.2.6, 6.3.2.3  |
| RRC                 | 8.1.2.12, 8.1.2.13, 8.1.5.6, 8.3.7.1, 8.3.7.1a, 8.3.7.1b, 8.3.7.2, 8.3.7.2a, 8.3.7.3, 8.3.7.3a, 8.3.7.4, 8.3.7.5, 8.3.7.6, 8.3.7.7, 8.3.7.8, 8.3.7.9, 8.3.7.10, 8.3.7.11, 8.3.7.12, 8.3.7.13, 8.3.7.14, 8.3.7.15, 8.3.7.16, 8.3.7.17, 8.3.9.1, 8.3.9.2, 8.3.9.3, 8.3.9.4, 8.3.9.5, 8.3.11.1, 8.3.11.1a, 8.3.11.1b, 8.3.11.2, 8.3.11.3, 8.3.11.4, 8.3.11.5, 8.3.11.6, 8.3.11.7, 8.3.11.8, 8.3.11.9, 8.3.11.10, 8.3.11.11, 8.3.11.12, 8.3.11.13, 8.3.11.14, 8.3.11.15, 8.3.11.16, 8.3.11.17, 8.3.11.18, 8.4.1.31, 8.4.1.33, 8.4.1.34, 8.4.1.35, 8.4.1.36, 8.4.1.40, 8.4.1.48, 8.7.2.1 |
| Mobility Management | 12.8  |

## Annex D (informative): Change history

| Meeting-1st-Level | Doc-1st-Level | CR  | Rev | Subject   | Cat | Version-Current | Version-New | Doc-2nd-Level |
|-------------------|---------------|-----|-----|---|-----|-----------------|-------------|---------------|
| TP-09             |               |     |     | Approval of the specification as v3.1.0 rather than 3.0.0 to be aligned with 34.123-1 version number.                           |     | 2.0.0           | 3.1.0       |               |
| TP-10             | TP-000219     | 001 | -   | Update of Applicability statements for "Idle mode test cases"   | F   | 3.1.0           | 3.2.0       | T1-000280     |
| TP-10             | TP-000219     | 002 | -   | Update of applicability clauses for RLC test cases  | F   | 3.1.0           | 3.2.0       | T1-000302     |
| TP-10             | TP-000219     | 003 | -   | Update of Applicability Statements for RRC Test Cases   | F   | 3.1.0           | 3.2.0       | T1-000295     |
| TP-10             | TP-000219     | 004 | -   | Update of applicability statements for radio bearer test cases  | F   | 3.1.0           | 3.2.0       | T1-000291     |
| TP-10             | TP-000219     | 005 | -   | Update of applicability statements for Session Management test cases  | B   | 3.1.0           | 3.2.0       | T1-000299     |
| TP-10             | TP-000219     | 006 | -   | Update of Applicability statements for PACKET SWITCHED MOBILITY MANAGEMENT  | B   | 3.1.0           | 3.2.0       | T1-000284     |
| TP-11             | TP-010022     | 007 | -   | Update of Applicability statements for "Idle mode test cases"   | F   | 3.2.0           | 3.3.0       | T1-010077     |
| TP-11             | TP-010022     | 008 | -   | Updates to clause 4 of TS 34.123-2 version 3.2.0  | F   | 3.2.0           | 3.3.0       | T1-010085     |
| TP-11             | TP-010022     | 009 | -   | Update of Applicability statements for GMM  | F   | 3.2.0           | 3.3.0       | T1-010087     |
| TP-12             | TP-010122     | 010 | -   | ICS for Idle mode tests   | F   | 3.3.0           | 3.4.0       | T1-010168     |
| TP-12             | TP-010122     | 011 | -   | Update to applicability tables for RLC tests  | F   | 3.3.0           | 3.4.0       | T1-010172     |
| TP-12             | TP-010122     | 012 | -   | Update to MAC test applicability tables   | F   | 3.3.0           | 3.4.0       | T1-010177     |
| TP-12             | TP-010122     | 013 | -   | Update of applicability table   | F   | 3.3.0           | 3.4.0       | T1-010180     |
| TP-12             | TP-010122     | 014 | -   | Deletion of applicability statement for intersystem handover tests GERAN to UTRAN   | F   | 3.3.0           | 3.4.0       | T1-010182     |
| TP-12             | TP-010122     | 015 | -   | Corrections to applicability for CC test cases  | D   | 3.3.0           | 3.4.0       | T1-010186     |
| TP-12             | TP-010122     | 016 | -   | Corrections to applicability for CC test cases  | D   | 3.3.0           | 3.4.0       | T1-010188     |
| TP-12             | TP-010122     | 017 | -   | MM test case ICS update   | F   | 3.3.0           | 3.4.0       | T1-010190     |
| TP-12             | TP-010122     | 018 | -   | Correction to MM applicability  | F   | 3.3.0           | 3.4.0       | T1-010191     |
| TP-12             | TP-010122     | 019 | -   | Correction and Addition of PICS and applicability tables for MM, SMS auto-calling, emergency call and intersystem HO test cases | F   | 3.3.0           | 3.4.0       | T1-010192     |
| TP-12             | TP-010122     | 020 | -   | Update to SMS Applicability tables  | F   | 3.3.0           | 3.4.0       | T1-010195     |
| TP-12             | TP-010122     | 021 | -   | SMS applicability   | F   | 3.3.0           | 3.4.0       | T1-010197     |
| TP-12             | TP-010122     | 022 | -   | GMM ICS update  | F   | 3.3.0           | 3.4.0       | T1-010201     |
| TP-12             | TP-010122     | 023 | -   | Update of applicability of interoperability radio bearer test cases   | F   | 3.3.0           | 3.4.0       | T1-010209     |
| TP-13             | TP-010187     | 024 | -   | Applicability for PDCP and BMC  | F   | 3.4.0           | 3.5.0       | T1-010380     |
| TP-13             | TP-010187     | 025 | -   | Update on Mobility Management   | F   | 3.4.0           | 3.5.0       | T1-010327     |
| TP-13             | TP-010187     | 026 | -   | Idle mode applicability: Merge of 202 and 204   | F   | 3.4.0           | 3.5.0       | T1-010328     |
| TP-13             | TP-010187     | 027 | -   | Addition of a SM test case for UE in GSM  | F   | 3.4.0           | 3.5.0       | T1-010329     |
| TP-13             | TP-010187     | 028 | -   | Update to GMM ICS   | F   | 3.4.0           | 3.5.0       | T1-010330     |
| TP-13             | TP-010187     | 029 | -   | Update of applicability of radio bearer test cases  | F   | 3.4.0           | 3.5.0       | T1-010331     |
| TP-13             | TP-010187     | 030 | -   | Update to SMS applicability   | F   | 3.4.0           | 3.5.0       | T1-010332     |
| TP-13             | TP-010187     | 031 | -   | Update of Table of applicability tests of RACH test cases in TS34.123-2 to 1.28 Mcps TDD mode (Rel4)                            | F   | 3.4.0           | 4.0.0       | T1-010333     |
| TP-13             | TP-010187     | 032 | -   | Editorial modification for References   | F   | 3.4.0           | 3.5.0       | T1-010334     |
| TP-13             | TP-010187     | 033 | -   | Merging of Rel4 and R99 protocol test specifications  | F   | 3.4.0           | 4.0.0       | T1-010273     |
| TP-14             | TP-010262     | 035 | -   | updated applicability for PDCP testing  | F   | 4.0.0           | 4.1.0       | T1-010436     |



| Meeting-1st-Level | Doc-1st-Level | CR  | Rev | Subject   | Cat | Version-Current | Version-New | Doc-2nd-Level |
|-------------------|---------------|-----|-----|---|-----|-----------------|-------------|---------------|
| TP-14             | TP-010262     | 036 | -   | Applicability test for Idle mode (section 6.1.2.7 and 6.2) TDD  | F   | 4.0.0           | 4.1.0       | T1-010437     |
| TP-14             | TP-010262     | 037 | -   | ICS/IXIT for traffic volume measurement test cases (34.123-2)   | F   | 4.0.0           | 4.1.0       | T1-010438     |
| TP-14             | TP-010262     | 038 | -   | Applicability of the new interRAT test cases.   | F   | 4.0.0           | 4.1.0       | T1-010439     |
| TP-14             | TP-010262     | 039 | -   | Update to GMM test cases  | F   | 4.0.0           | 4.1.0       | T1-010440     |
| TP-14             | TP-010262     | 040 | -   | Update of applicability of interoperability radio bearer test cases for FDD.  | F   | 4.0.0           | 4.1.0       | T1-010441     |
| TP-14             | TP-010262     | 041 | -   | Update of RRC test case applicability   | F   | 4.0.0           | 4.1.0       | T1-010442     |
| TP-14             | TP-010262     | 042 | -   | Inclusion of Baseline Implementation Capabilities for 1.28 Mcps TDD   | F   | 4.0.0           | 4.1.0       | T1-010443     |
| TP-14             | TP-010262     | 043 | -   | Applicability test for RRC section (TDD)  | F   | 4.0.0           | 4.1.0       | T1-010444     |
| TP-14             | TP-010262     | 044 | -   | Inclusion of Radio Bearer Applicability, Conditions and Capabilities for testing of 1.28 Mcps TDD                             | F   | 4.0.0           | 4.1.0       | T1-010445     |
| TP-15             | TP-020043     | 045 | -   | Corrections to R'4 RRC test cases applicability   | F   | 4.1.0           | 4.2.0       | T1-020067     |
| TP-15             | TP-020043     | 046 | -   | Update of Applicability table for RRC test cases  | F   | 4.1.0           | 4.2.0       | T1-020068     |
| TP-15             | TP-020043     | 047 | -   | Applicability for 8.4.1 Measurement Control and Report test cases   | F   | 4.1.0           | 4.2.0       | T1-020069     |
| TP-15             | TP-020043     | 048 | -   | Applicability for 6.1.2.8 Cell reselection : Equivalent PLMN  | F   | 4.1.0           | 4.2.0       | T1-020070     |
| TP-15             | TP-020043     | 049 | -   | Applicability for 8.3.7.13 Inter system handover from UTRAN/To GSM/ success / call under establishment                        | F   | 4.1.0           | 4.2.0       | T1-020071     |
| TP-15             | TP-020043     | 050 | -   | Applicability for 8.3 HCS cell reselection  | F   | 4.1.0           | 4.2.0       | T1-020072     |
| TP-15             | TP-020043     | 051 | -   | Corrections to applicability table for Measurement Control and Report Test Cases  | F   | 4.1.0           | 4.2.0       | T1-020073     |
| TP-15             | TP-020043     | 052 | -   | Applicability statements for additional Measurement Control and Report test cases   | F   | 4.1.0           | 4.2.0       | T1-020074     |
| TP-15             | TP-020043     | 053 | -   | Correction to applicability statements of MAC test cases  | F   | 4.1.0           | 4.2.0       | T1-020075     |
| TP-15             | TP-020043     | 054 | -   | Applicability of new test cases   | F   | 4.1.0           | 4.2.0       | T1-020076     |
| TP-15             | TP-020043     | 055 | -   | Applicability of 8.1 RRC Connection Management Procedure (TDD both modes)   | F   | 4.1.0           | 4.2.0       | T1-020077     |
| TP-15             | TP-020043     | 056 | -   | Applicability of 8.2 RRC Radio Bearer Control Procedure (TDD both modes)  | F   | 4.1.0           | 4.2.0       | T1-020078     |
| TP-15             | TP-020043     | 057 | -   | Clarification of applicable releases (TDD) of test cases in TS 34.123-2   | F   | 4.1.0           | 4.2.0       | T1-020079     |
| TP-15             | TP-020043     | 058 | -   | Correction of the applicability table for test case 11.1.1.2.1 QoS offered by the network is a lower QoS / QoS accepted by UE | F   | 4.1.0           | 4.2.0       | T1-020080     |
| TP-16             | TP-020144     | 059 | -   | Update of applicability table for RRC Paging test case  | F   | 4.2.0           | 4.3.0       | T1-020370     |
| TP-16             | TP-020144     | 060 | -   | Applicability for New RRC test cases  | F   | 4.2.0           | 4.3.0       | T1-020371     |
| TP-16             | TP-020144     | 061 | -   | Update of Table of Applicability of tests for RRC connection mobility procedure, 8.3.1 Cell Update for TDD (both modes)       | F   | 4.2.0           | 4.3.0       | T1-020372     |
| TP-16             | TP-020144     | 062 | -   | Update applicability table for new test cases   | F   | 4.2.0           | 4.3.0       | T1-020373     |
| TP-16             | TP-020144     | 063 | -   | Modifications of applicability table for MM test cases  | F   | 4.2.0           | 4.3.0       | T1-020374     |
| TP-16             | TP-020144     | 064 | -   | Removal of TC9.5.3 MM connection / establishment in non-security mode   | F   | 4.2.0           | 4.3.0       | T1-020375     |
| TP-16             | TP-020144     | 065 | -   | Correction of applicability condition C17 in Table A.20:Additional information  | F   | 4.2.0           | 4.3.0       | T1-020376     |
| TP-16             | TP-020144     | 066 | -   | Update of applicability table for test case 11.1.4.3(34.123-2)  | F   | 4.2.0           | 4.3.0       | T1-020377     |
| TP-16             | TP-020144     | 067 | -   | Correction of applicability table for test case 11.1.4.1.2.3(34.123-2)  | F   | 4.2.0           | 4.3.0       | T1-020378     |
| TP-16             | TP-020144     | 068 | -   | Update to ICS for GMM   | F   | 4.2.0           | 4.3.0       | T1-020379     |
| TP-16             | TP-020144     | 069 | -   | Update of Table of Applicability of tests for RRC connection mobility procedure, 8.3.2 for TDD (both modes)                   | F   | 4.2.0           | 4.3.0       | T1-020380     |
| TP-16             | TP-020144     | 070 | -   | Correction of formal error in TS34.123-2v420/Table1   | F   | 4.2.0           | 4.3.0       | T1-020381     |

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| TP-16             | TP-020144     | 071 | -   | Corrections to R'4 RRC test cases applicability   | F   | 4.2.0           | 4.3.0       | T1-020382     |
| TP-16             | TP-020165     | 072 | -   | Section 4, Table 1: Addition of test of short message type 0 (16.1.6 & 16.2.6) Rel5   | F   | 4.2.0           | 5.0.0       | --            |
| TP-16             | TP-020146     | 073 | -   | Creation of 34.123-2 REL-5  | F   | 4.2.0           | 5.0.0       | T1-020405     |
| TP-17             | TP-020189     | 075 | -   | Correction of applicability table for secondary PDP context activation test cases   | F   | 5.0.0           | 5.1.0       | T1-020562     |
| TP-17             | TP-020189     | 076 | -   | Update of applicability of MAC and RLC test cases   | F   | 5.0.0           | 5.1.0       | T1-020569     |
| TP-17             | TP-020189     | 077 | -   | Correction to GMM applicability.  | F   | 5.0.0           | 5.1.0       | T1-020570     |
| TP-17             | TP-020189     | 078 | -   | Update of applicability tables due to changed and new test cases  | F   | 5.0.0           | 5.1.0       | T1-020571     |
| TP-17             | TP-020189     | 079 | -   | Clarification to applicability statements for FDD Interoperability Radio Bearer test cases  | F   | 5.0.0           | 5.1.0       | T1-020572     |
| TP-17             | TP-020189     | 080 | -   | Removal of test cases for unidirectional streaming CS RABs above 64 kbps  | F   | 5.0.0           | 5.1.0       | T1-020573     |
| TP-17             | TP-020189     | 081 | -   | CR to RRC applicability of TS34.123-2 as T1S-020364rev1   | F   | 5.0.0           | 5.1.0       | T1-020574     |
| TP-17             | TP-020189     | 082 | -   | Update of Table of Applicability of tests for RRC connection mobility procedure, 8.3.3, 8.3.5, 8.3.6 and 8.3.7 for TDD (both modes) | F   | 5.0.0           | 5.1.0       | T1-020580     |
| TP-17             | TP-020189     | 083 | -   | CR to section 4 Table 1: Addition of test of short message type 0 (CS/PS) R99 and REL-4   | F   | 5.0.0           | 5.1.0       | T1-020610     |
| TP-18             | TP-020300     | 084 | -   | Addition of cell reselection test case to applicability table   | F   | 5.1.0           | 5.2.0       | T1-020683     |
| TP-18             | TP-020300     | 085 | -   | Update to clause 10 Circuit Switched Call Control as revision of T1S-020585   | F   | 5.1.0           | 5.2.0       | T1-020791     |
| TP-18             | TP-020300     | 086 | -   | Removal of test case 6.1.1.6  | F   | 5.1.0           | 5.2.0       | T1-020796     |
| TP-18             | TP-020300     | 087 | -   | Update of Applicability statement for GMM   | F   | 5.1.0           | 5.2.0       | T1-020797     |
| TP-18             | TP-020300     | 088 | -   | Update of applicability table for MM  | F   | 5.1.0           | 5.2.0       | T1-020815     |
| TP-18             | TP-020300     | 089 | -   | Update of Table of Applicability of tests for RRC for TDD (both modes)  | F   | 5.1.0           | 5.2.0       | T1-020827     |
| TP-18             | TP-020300     | 090 | -   | Addition of new TCs to table 1 applicability of tests   | F   | 5.1.0           | 5.2.0       | T1-020832     |
| TP-18             | TP-020300     | 091 | -   | Addition of integrity protection test case to applicability table   | F   | 5.1.0           | 5.2.0       | T1-020835     |
| TP-18             | TP-020300     | 092 | -   | CR to Applicability Table for TC 16.1.6a & 16.2.6a  | F   | 5.1.0           | 5.2.0       | T1-020856     |
| TP-18             | TP-020300     | 093 | -   | CR to 34.123-2 REL-5; Update of applicability tables for RRC and GMM test cases.  | F   | 5.1.0           | 5.2.0       | T1-020865     |
| TP-18             | TP-020300     | 094 | -   | Update to applicability statements for new test case configuration  | F   | 5.1.0           | 5.2.0       | T1-020839     |
| TP-19             | TP-           | 095 | -   | Update of Applicability statement for GMM   | F   | 5.2.0           | 5.3.0       | T1-030116     |
| TP-19             | TP-           | 096 | -   | Update of test case applicability   | F   | 5.2.0           | 5.3.0       | T1-030117     |
| TP-19             | TP-           | 097 | -   | Correction of conditions C30, C31 and C32 used in clause  | F   | 5.2.0           | 5.3.0       | T1-030118     |
| TP-19             | TP-           | 098 | -   | Update to Applicability Table for Package 1 Test Cases  | F   | 5.2.0           | 5.3.0       | T1-030119     |
| TP-19             | TP-           | 099 | -   | Inclusion of new test cases for Measurement Control and   | F   | 5.2.0           | 5.3.0       | T1-030213     |
| TP-19             | TP-           | 100 | -   | Update of applicability table including test case for events  | F   | 5.2.0           | 5.3.0       | T1-030219     |
| TP-19             | TP-           | 101 | -   | Addition of new TCs to table 1 applicability of tests   | F   | 5.2.0           | 5.3.0       | T1-030220     |
| TP-20             | TP-030103     | 102 | -   | Inclusion of new test cases for Measurement Control and Report TDD in applicability table   | F   | 5.3.0           | 5.4.0       | T1-030515     |
| TP-20             | TP-030103     | 103 | -   | Update of applicability table for Broadcast of system information test (TDD)  | F   | 5.3.0           | 5.4.0       | T1-030516     |
| TP-20             | TP-030103     | 104 | -   | Update of applicability table: Cell update: Restricted cell reselection to a cell belonging to forbidden LA list (Cell_FACH) TDD    | F   | 5.3.0           | 5.4.0       | T1-030517     |
| TP-20             | TP-030103     | 105 | -   | Update of applicability table for Traffic Volume measurement tests (TDD)  | F   | 5.3.0           | 5.4.0       | T1-030518     |
| TP-20             | TP-030103     | 106 | -   | Update of applicability table for MM  | F   | 5.3.0           | 5.4.0       | T1-030531     |
| TP-20             | TP-030103     | 107 | -   | Correction to test case names and to one conditional  | F   | 5.3.0           | 5.4.0       | T1-030534     |
| TP-20             | TP-030103     | 108 | -   | Removal of ICS for the RAB test cases associated with recently void RABs in 34.108  | F   | 5.3.0           | 5.4.0       | T1-030543     |

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| TP-20             | TP-030103     | 109 | -   | Correction of applicability for RB test case 14.2.43.1.   | F   | 5.3.0           | 5.4.0       | T1-030575     |
| TP-20             | TP-030103     | 110 | -   | Update to TS 34.123-2 for RRC test cases (revision to T1-030567)  | F   | 5.3.0           | 5.4.0       | T1-030703     |
| TP-20             | TP-030103     | 111 | -   | Corrections to applicability for RRC testcases.   | F   | 5.3.0           | 5.4.0       | T1-030715     |
| TP-20             | TP-030103     | 112 | -   | Applicability for new RRC Inter-RAT PS reselection and Cell Change Order test cases   | B   | 5.3.0           | 5.4.0       | T1-030721     |
| TP-21             | TP-030193     | 113 | -   | Inclusion of test Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH for TDD 1.28 Mcps option in ICS part.                           | F   | 5.4.0           | 5.5.0       | T1-030803     |
| TP-21             | TP-030193     | 114 | -   | Inclusion of tests for 34.123-2 for combinations on SCCPCH for TDD 1.28 Mcps option in ICS part   | F   | 5.4.0           | 5.5.0       | T1-030980     |
| TP-21             | TP-030193     | 115 | -   | Inclusion of test for combination on PRACH for TDD 1.28 Mcps option in ICS part.  | F   | 5.4.0           | 5.5.0       | T1-030981     |
| TP-21             | TP-030193     | 116 | -   | Corrections to applicability for RRC testcases  | F   | 5.4.0           | 5.5.0       | T1-031070     |
| TP-21             | TP-030193     | 117 | -   | CR 34.123-2 Rel-5: Applicability statement for TC 12.8  | F   | 5.4.0           | 5.5.0       | T1-031096     |
| TP-21             | TP-030193     | 118 | -   | CR to 34.123-2 REL-5; Update of applicability table (revision of T1-031051)   | F   | 5.4.0           | 5.5.0       | T1-031221     |
| TP-21             | TP-030193     | 119 | -   | Update of Applicability statement for GMM   | F   | 5.4.0           | 5.5.0       | T1-031042     |
| TP-21             | TP-030193     | 120 | -   | CR to 34.123-2 REL-5; Update of applicability table for TC 8.2.5.1  | F   | 5.4.0           | 5.5.0       | T1-031253     |
| TP-22             | TP-030283     | 121 | -   | New RLC test case on reconfiguration of RLC parameters by upper layers  | F   | 5.5.0           | 5.6.0       | T1-031395     |
| TP-22             | TP-030283     | 122 | -   | New RRC test cases on Paging  | F   | 5.5.0           | 5.6.0       | T1-031396     |
| TP-22             | TP-030283     | 123 | 1   | Removal of session management test cases on QoS negotiation (Package 3+4)   | F   | 5.5.0           | 5.6.0       | T1-031600     |
| TP-22             | TP-030283     | 124 | 1   | Introduction of test cases on A-GPS positioning   | F   | 5.5.0           | 5.6.0       | T1-031633     |
| TP-22             | TP-030283     | 125 | 1   | Correction of Applicability table for RRC Measurement test cases  | F   | 5.5.0           | 5.6.0       | T1-031678     |
| TP-22             | TP-030283     | 126 | -   | New RRC test case on soft handover for multiple radio links   | F   | 5.5.0           | 5.6.0       | T1-031400     |
| TP-22             | TP-030283     | 127 | -   | CR 34.123-2 Rel-5: Removal of P3 TC 10.1.3.3.3 Incoming call / U9 mobile terminating call confirmed / termination requested by the user   | F   | 5.5.0           | 5.6.0       | T1-031444     |
| TP-22             | TP-030283     | 133 | -   | Removal of package 1 RRC test case 8.2.5.1  | F   | 5.5.0           | 5.6.0       | T1-031530     |
| TP-22             | TP-030283     | 134 | 1   | Add new PICS parameters   | F   | 5.5.0           | 5.6.0       | T1-031584     |
| TP-22             | TP-030283     | 135 | -   | Change of applicability for RLC P1 TC 7.2.3.13  | F   | 5.5.0           | 5.6.0       | T1-031639     |
| TP-22             | TP-030283     | 136 | -   | CR on Package 1 SM test cases 11.3.1 PDP context deactivation initiated by the UE and 11.3.2 PDP context deactivation initiated by the UE | F   | 5.5.0           | 5.6.0       | T1-031709     |
| TP-23             | TP-040041     | 137 | -   | PICS parameter update according TTCN clarification  | F   | 5.6.0           | 5.7.0       | T1-040057     |
| TP-23             | TP-040041     | 138 | -   | Removal of low priority GMM test cases 12.4.1.1c and 12.4.2.3a  | F   | 5.6.0           | 5.7.0       | T1-040117     |
| TP-23             | TP-040041     | 139 | -   | Applicability of Package 1 SM test cases 11.3.1 and 11.3.2  | F   | 5.6.0           | 5.7.0       | T1-040131     |
| TP-23             | TP-040041     | 140 | -   | Change of applicability for RLC P1 TC 7.2.3.13  | F   | 5.6.0           | 5.7.0       | T1-040137     |
| TP-23             | TP-040041     | 141 | -   | Introduction and applicability conditions of new test cases for lossless SRNS relocation  | D   | 5.6.0           | 5.7.0       | T1-040156     |
| TP-23             | TP-040041     | 142 | -   | Correction of Applicability for RRC TC 8.2.1.26. Revision of T1-040270.   | F   | 5.6.0           | 5.7.0       | T1-040352     |
| TP-23             | TP-040041     | 143 | -   | New HSDPA test cases  | B   | 5.6.0           | 5.7.0       | T1-040401     |
| TP-23             | TP-040041     | 144 | -   | Introduction of applicability for split Inter-System Handover Test Cases 8.3.7.2a and 8.3.7.3a  | F   | 5.6.0           | 5.7.0       | T1-040404     |
| TP-23             | TP-040041     | 145 | -   | Section 4: Inclusion of a test case added to RRC physical channel reconfiguration test cases for TDD 1.28 Mcps                            | F   | 5.6.0           | 5.7.0       | T1-040226     |
| TP-23             | TP-040041     | 146 | -   | Inclusion of test for Events 6F for TDD 1.28 Mcps option in ICS part.   | F   | 5.6.0           | 5.7.0       | T1-040227     |
| TP-23             | TP-040041     | 147 | -   | Inclusion of test for Events 1G for TDD 1.28 Mcps option in ICS part.   | F   | 5.6.0           | 5.7.0       | T1-040228     |

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| TP-24             | TP-040116     | 148  | -   | New applicability statements  | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040571</a>    |
| TP-24             | TP-040116     | 149  | -   | CR 34.123-2 Rel-5: Applicability of Package 2 RRC test cases 8.3.1.22   | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040578</a>    |
| TP-24             | TP-040116     | 150  | -   | Correction on applicability definition of test cases in clause 8.3.7 and clause 8.4.1 of TS 34.123-1  | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040579</a>    |
| TP-24             | TP-040116     | 151  | -   | CR to 34.123-2 Rel-5, New HSDPA RRC test cases  | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040596</a>    |
| TP-24             | TP-040116     | 152  | -   | Change to the applicability table for 8.3.7.2 / 8.3.7.2a and 8.3.7.3 / 8.3.7.3a following splitting of these TCs according to supported data rates. | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040675</a>    |
| TP-24             | TP-040116     | 153  | -   | New PIXIT statement   | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040705</a>    |
| TP-24             | TP-040116     | 154  | -   | Update applicability table for new SRNS relocation test cases (Revision to T1-040737)   | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040775</a>    |
| TP-24             | TP-040116     | 155  | -   | CR to 34.123-2 Rel-5, New A-GPS test cases  | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040924</a>    |
| TP-24             | TP-040116     | 156  | -   | CR 34.123-2 Rel-5: Applicability of Package 2 RRC test cases 8.2.6.12   | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040946</a>    |
| TP-24             | TP-040116     | 157  | -   | Applicability update for test case 11.1.2   | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040960</a>    |
| TP-24             | TP-040116     | 158  | -   | New HSDPA MAC-hs reset test case  | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040592</a>    |
| TP-24             | TP-040116     | 160  | -   | Addition of 6 new Inter-RAT test cases  | F   | 5.7.0           | 5.8.0       | <a href="#">T1-040756</a> r1 |
| TP-25             | TP-040161     | 158' | -   | Corrections to applicability of GMM test cases  | F   | 5.8.0           | 5.9.0       | T1-041067                    |
| TP-25             | TP-040161     | 167' | -   | Introduction of PICS condition between emergency call and speech  | F   | 5.8.0           | 5.9.0       | T1-041091                    |
| TP-25             | TP-040161     | 159  | -   | Correction to applicability of TCs 14.2.63.1 and 14.2.63.2  | F   | 5.8.0           | 5.9.0       | T1-041197                    |
| TP-25             | TP-040161     | 160' | -   | Removal of package 3 idle mode test case 6.1.2.7  | F   | 5.8.0           | 5.9.0       | T1-041275                    |
| TP-25             | TP-040161     | 161  | -   | New radio bearer test case for the support Wideband AMR speech service  | F   | 5.8.0           | 5.9.0       | T1-041293                    |
| TP-25             | TP-040161     | 162  | -   | Applicability Table for new HSDPA test cases  | F   | 5.8.0           | 5.9.0       | T1-041415                    |
| TP-25             | TP-040161     | 163  | -   | Introduction of new PDCP / RoHC test case in clause 7.3.5 of the applicability table and definition of related PICS condition                       | F   | 5.8.0           | 5.9.0       | T1-041426                    |
| TP-25             | TP-040161     | 164  | -   | New test cases for A-GPS  | F   | 5.8.0           | 5.9.0       | T1-041431                    |
| TP-25             | TP-040161     | 165  | -   | New HSDPA RRC test cases  | F   | 5.8.0           | 5.9.0       | T1-041432                    |
| TP-25             | TP-040161     | 166  | -   | New MAC test case for TFC selection with extended TFCS.   | F   | 5.8.0           | 5.9.0       | T1-041439                    |
| TP-25             | TP-040161     | 167  | -   | Addition of clause 8.2.6.43 and 8.2.6.44 to the applicability table   | F   | 5.8.0           | 5.9.0       | T1-041441                    |
| TP-25             | TP-040161     | 168  | -   | Addition of 1 new Inter-RAT test cases to the applicability table. [Not implemented, conflicting with T1-041415]                                    | F   | 5.8.0           | 5.9.0       | T1-041440                    |
| TP-26             | TP-040236     | 169  | -   | Correction to applicability statements of TCs 14.2.63.1 and 14.2.63.2   | F   | 5.9.0           | 5.10.0      | T1-041563                    |
| TP-26             | TP-040236     | 170  | -   | Update of applicability for MAC-hs test cases   | F   | 5.9.0           | 5.10.0      | T1-041595                    |
| TP-26             | TP-040236     | 171  | -   | CR to 34.123-2 R5: New test cases for A-GPS transfer to third party   | F   | 5.9.0           | 5.10.0      | T1-041607                    |
| TP-26             | TP-040236     | 172  | -   | CR to 34.123-2 R5: New test cases for A-GPS privacy options   | F   | 5.9.0           | 5.10.0      | T1-041609                    |
| TP-26             | TP-040236     | 173  | -   | Applicability Table for new MM test cases   | F   | 5.9.0           | 5.10.0      | T1-041629                    |
| TP-26             | TP-040236     | 174  | -   | Correction to applicability conditions for HSDPA and other test cases   | F   | 5.9.0           | 5.10.0      | T1-041652                    |
| TP-26             | TP-040236     | 175  | -   | Addition of applicability for new radio bearer test case for PS streaming and downlink rate up to 128 kbps.   | F   | 5.9.0           | 5.10.0      | T1-041734                    |
| TP-26             | TP-040236     | 176  | -   | Addition of applicability for new HSDPA radio bearer test cases   | F   | 5.9.0           | 5.10.0      | T1-041735                    |
| TP-26             | TP-040236     | 177  | -   | Addition of PICS entries for frequency bands III - VI   | F   | 5.9.0           | 5.10.0      | T1-041940                    |
| TP-26             | TP-040236     | 178  | -   | Applicability table for new Inter-RAT handover test case (Revision of T1-041583)  | F   | 5.9.0           | 5.10.0      | T1-041948                    |
| TP-26             | TP-040236     | 179  | -   | Addition of new HSDPA test cases to the applicability table   | F   | 5.9.0           | 5.10.0      | T1-041963                    |

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| TP-26             | TP-040236     | 180 | -   | CR to 34.123-2 R5: Removal of test case 17.2.3.5 and merge into 17.2.3.3   | F   | 5.9.0           | 5.10.0      | T1-041968                 |
| TP-26             | TP-040236     | 181 | -   | CR to 34.123-2 R5: New test cases for A-GPS failure cases  | F   | 5.9.0           | 5.10.0      | T1-041969                 |
| TP-26             | TP-040236     | 182 | -   | CR to 34.123-2 Rel-5; New HSDPA RRC test cases   | B   | 5.9.0           | 5.10.0      | T1-041970                 |
| TP-26             | TP-040236     | 183 | -   | Correction to applicability of A-GPS test case 17.2.3.3  | F   | 5.9.0           | 5.10.0      | T1-041625rev1             |
| TP-26             | TP-040291     | 184 | -   | CR to 34.123-2 REL-5; New radio bearer test case for the support Wideband AMR speech service   | F   | 5.9.0           | 5.10.0      | T1-041550                 |
| TP-27             | TP-050035     | 185 | -   | CR to 34.123-2 R5: New GMM test case for verification of follow-on request pending indicator.  | F   | 5.10.0          | 5.11.0      | T1-050473                 |
| TP-27             | TP-050035     | 186 | -   | Addition of applicability for new HSDPA radio bearer test cases  | F   | 5.10.0          | 5.11.0      | T1-050474                 |
| TP-27             | TP-050035     | 187 | -   | New PICS for the support of Supplementary Service phase 2  | F   | 5.10.0          | 5.11.0      | T1-050045                 |
| TP-27             | TP-050035     | 188 | -   | CR to 34.123-2 Rel-5: Update of applicability for TDD 1.28 Mcps  | F   | 5.10.0          | 5.11.0      | T1-050067                 |
| TP-27             | TP-050035     | 189 | -   | Applicability table for new Inter-RAT handover test case   | F   | 5.10.0          | 5.11.0      | T1-050078                 |
| TP-27             | TP-050035     | 190 | -   | Updating of Table A.1 in 34.123-2  | F   | 5.10.0          | 5.11.0      | T1-050106                 |
| TP-27             | TP-050035     | 191 | -   | Addition of new RRC test cases to the applicability table  | F   | 5.10.0          | 5.11.0      | T1-050185                 |
| TP-27             | TP-050035     | 192 | -   | Correction to Applicability statements for HSDPA test cases (revision of T1-050183)  | F   | 5.10.0          | 5.11.0      | T1-050248                 |
| TP-27             | TP-050035     | 193 | -   | CR to 34.123-2 Rel-5; New HSDPA RRC test cases (revision of T1-050089)   | B   | 5.10.0          | 5.11.0      | T1-050268                 |
| TP-27             | TP-050035     | 194 | -   | CR to 34.123-2 Rel-5; New RRC test case on seamless SRNS relocation using Radio Bearer Reconfiguration (revision of T1-050088)                           | B   | 5.10.0          | 5.11.0      | <a href="#">T1-050435</a> |
| TP-27             | TP-050035     | 195 | -   | New PICS value   | F   | 5.10.0          | 5.11.0      | <a href="#">T1-050445</a> |
| TP-27             | TP-050035     | 196 | -   | Correction to the Applicability table for HSDPA test cases (T1-050459)   | F   | 5.10.0          | 5.11.0      | T1-050472                 |
| TP-27             | TP-050035     | 197 | -   | Removal of GERAN PICS duplicated, in accordance with T1 action point AP 25.7   | F   | 5.10.0          | 5.11.0      | T1-050081                 |
| RP-28             | RP-050277     | 198 | -   | CR 34.123-2 Correction to A-GPS test case 17.2.4.10 Applicability  | F   | 5.11.0          | 5.12.0      | R5-050707                 |
| RP-28             | RP-050277     | 199 | -   | New PICS values  | F   | 5.11.0          | 5.12.0      | R5-050546                 |
| RP-28             | RP-050277     | 200 | -   | CR to 34.123-2 Rel-5: To Delete the Test Case 7.1.2.2.3 of LCR TDD in Applicability Table  | F   | 5.11.0          | 5.12.0      | R5-050584                 |
| RP-28             | RP-050277     | 201 | -   | Addition of new HCS cell reselection test case to the applicability table  | F   | 5.11.0          | 5.12.0      | R5-050768                 |
| RP-28             | RP-050277     | 202 | -   | Applicability table for new Rel-5 RRC test cases for RRC Connection establishment using Default Radio Configurations.                                    | B   | 5.11.0          | 5.12.0      | R5-050921                 |
| RP-28             | RP-050277     | 203 | -   | Applicability table for new Rel-5 test cases for Inter-RAT Network Assisted Cell Change.   | B   | 5.11.0          | 5.12.0      | R5-050941                 |
| RP-28             | RP-050277     | 204 | -   | Applicability table for new Rel-5 test cases for CELL_FACH and CELL_PCH state specific handling of Treselection and Qhyst parameters in cell reselection | B   | 5.11.0          | 5.12.0      | R5-050943                 |
| RP-28             | RP-050277     | 205 | -   | Update to applicability table to the title of test case 8.3.9.3  | F   | 5.11.0          | 5.12.0      | R5-050962                 |
| RP-29             | RP-050525     | 206 | -   | Feature Clean Up: Removal of 80 ms TTI for DCH for all cases except when the UE supports SF512 from 34.123-2   | F   | 5.12.0          | 6.0.0       | R5-051369                 |
| RP-29             | RP-050525     | 207 | -   | Feature Clean Up: Removal of CPCH - Applicability of CPCH Test Cases   | F   | 5.12.0          | 6.0.0       | R5-051539                 |
| RP-29             | RP-050525     | 208 | -   | Feature Clean Up: Removal of DRAC from 34.123-2  | F   | 5.12.0          | 6.0.0       | R5-051547                 |
| RP-29             | RP-050525     | 209 | -   | Feature Clean Up: Removal of DSCH ( FDD mode) from 34.123-2  | F   | 5.12.0          | 6.0.0       | R5-051549                 |
| RP-29             | RP-050525     | 210 | -   | Addition of test case 8.3.11.11 into the applicability table   | F   | 5.12.0          | 6.0.0       | R5-051150                 |
| RP-29             | RP-050537     | 211 | -   | Addition of new test case to the applicability table (6.1.1.8 PLMN selection in shared network environment, Automatic mode)                              | F   | 5.12.0          | 6.0.0       | R5-051372                 |
| RP-29             | RP-050537     | 212 | -   | Addition of new test case to the applicability table (6.2.1.10 Selection of PLMN and RAT in shared network environment, Automatic mode)                  | F   | 5.12.0          | 6.0.0       | R5-051373                 |

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| RP-29             | RP-050537     | 213 | -   | Addition of new test case to the applicability table (8.1.1.11 Paging for Connection in idle mode (Shared Network environment))   | F   | 5.12.0          | 6.0.0       | R5-051375     |
| RP-29             | RP-050525     | 214 | -   | Applicability and conditional definition for test case 14.2.23a.1   | F   | 5.12.0          | 6.0.0       | R5-051523     |
| RP-29             | RP-050525     | 215 | -   | Replacement of the technical content of 34.123-2 Rel-5 by a pointer to Rel-6 document   | F   | 5.12.0          | 6.0.0       | R5-051586     |
| RP-29             | RP-050599     | 216 | -   | Applicability table for new Rel-5 RRC test cases for RRC event-triggered periodic measurements for Event 1B.  | F   | 5.12.0          | 6.0.0       | R5-051503     |
| RP-29             | RP-050599     | 217 | -   | Applicability table for new Rel-5 RRC test cases for Establishment Cause in Cell Update Procedure.  | F   | 5.12.0          | 6.0.0       | R5-051504     |
| RP-29             | RP-050599     | 218 | -   | Applicability table for new Rel-5 RRC test cases for Establishment Cause in Direct Transfer Procedure.  | F   | 5.12.0          | 6.0.0       | R5-051505     |
| RP-29             | RP-050599     | 219 | -   | Applicability of new test case for Inter-frequency and Inter-RAT measurements   | F   | 5.12.0          | 6.0.0       | R5-051525     |
| RP-30             | RP-050767     | 220 | -   | Update of applicability for HSDPA radio bearer test cases   | F   | 6.0.0           | 6.1.0       | R5-052108     |
| RP-30             | RP-050717     | 221 | -   | New test case (applicability): (6.1.2.11 Cell reselection in shared network environment)  | F   | 6.0.0           | 6.1.0       | R5-051812     |
| RP-30             | RP-050717     | 222 | -   | New RRC test case (applicability): 8.3.3.4 UTRAN Mobility Information: Shared Network   | F   | 6.0.0           | 6.1.0       | R5-052138     |
| RP-30             | RP-050716     | 223 | -   | Addition of RRC test cases for E-DCH to applicability table   | F   | 6.0.0           | 6.1.0       | R5-052116     |
| RP-30             | RP-050718     | 224 | -   | Addition of new DSAC test case to the applicability table   | F   | 6.0.0           | 6.1.0       | R5-052162     |
| RP-30             | RP-050718     | 225 | -   | Addition of MM test cases for DSAC to applicability table   | F   | 6.0.0           | 6.1.0       | R5-052181     |
| RP-30             | RP-050718     | 226 | -   | Update of Applicability table for GMM test cases of DSAC  | F   | 6.0.0           | 6.1.0       | R5-052165     |
| RP-30             | RP-050769     | 227 | -   | Corrections to TS 34.123-2, Table1: Applicability of Tests and Table A.18c: FDD interoperability radio bearer capabilities for combinations on DPCH for R99 low prio TCs  | F   | 6.0.0           | 6.1.0       | R5-051838     |
| RP-30             | RP-050769     | 228 | -   | Corrections to TS 34.123-2, Table1: Applicability of Tests and Table A.18c: FDD interoperability radio bearer capabilities for combinations on DPCH for R99 high prio TCs | F   | 6.0.0           | 6.1.0       | R5-052124     |
| RP-30             | RP-050777     | 229 | -   | Correction to the applicability of WI-013 test cases 8.3.1.38 & 8.3.1.39  | F   | 6.0.0           | 6.1.0       | R5-051917     |
| RP-30             | RP-050776     | 230 | -   | Addition of applicability statements for new AMR-NB test case   | F   | 6.0.0           | 6.1.0       | R5-052178     |
| RP-30             | RP-050769     | 231 | -   | Addition of Mnemonic-column and parameters to ICS proforma tables in Annex A.   | F   | 6.0.0           | 6.1.0       | R5-052175     |
| RP-30             | RP-050769     | 232 | -   | Corrections to conditional statements and removal of one test.  | F   | 6.0.0           | 6.1.0       | R5-051971     |
| RP-30             | RP-050769     | 233 | -   | Corrections to the applicability of WI-010 test cases 8.4.1.33, 8.4.1.34, 8.4.1.35, 8.4.1.36, 8.4.1.37, 8.4.1.38, 8.4.1.39 and 8.4.1.40                                   | F   | 6.0.0           | 6.1.0       | R5-051987     |
| RP-30             | RP-050769     | 234 | -   | Correction to the Applicability table for the test cases 8.3.7.2 and 8.3.7.3  | F   | 6.0.0           | 6.1.0       | R5-052060     |
| RP-30             | RP-050769     | 235 | -   | Correction to A-GPS test case applicability 17.2.4.7 and 17.2.4.8   | F   | 6.0.0           | 6.1.0       | R5-052032     |
| RP-31             | RP-060144     | 236 | -   | Applicability for new Radio Bearer Reconfiguration test cases for Enhanced uplink   | F   | 6.1.0           | 6.2.0       | R5-060375     |
| RP-31             | RP-060144     | 237 | -   | Addition of the applicability of the new FDD Enhanced Uplink Physical Channel Reconfiguration test case   | F   | 6.1.0           | 6.2.0       | R5-060373     |
| RP-31             | RP-060154     | 238 | -   | Addition of missing mnemonic parameters to ICS proforma tables.   | F   | 6.1.0           | 6.2.0       | R5-060177     |
| RP-31             | RP-060144     | 239 | -   | Applicability of new E-DCH radio bearer test cases  | F   | 6.1.0           | 6.2.0       | R5-060554     |
| RP-31             | RP-060144     | 240 | -   | Addition of the applicability of one test case about Physical Channel Reconfiguration for FDD Enhanced Uplink   | F   | 6.1.0           | 6.2.0       | R5-060338     |
| RP-31             | RP-060144     | 241 | -   | Addition of the applicability of two Cell Update test cases for FDD Enhanced Uplink testing   | F   | 6.1.0           | 6.2.0       | R5-060339     |
| RP-31             | RP-060144     | 242 | -   | Applicability for new EDCH Physical channel reconfiguration test case   | F   | 6.1.0           | 6.2.0       | R5-060383     |
| RP-31             | RP-060144     | 243 | -   | CR to 34.123-2; Addition of new Enhanced Uplink test cases to the applicability table   | F   | 6.1.0           | 6.2.0       | R5-060381     |
| RP-31             | RP-060144     | 244 | -   | Applicability of new MAC-es/e test cases  | F   | 6.1.0           | 6.2.0       | R5-060307     |
| RP-31             | RP-060144     | 245 | -   | Applicability of new Physical Channel Reconfiguration test case for Enhanced uplink   | F   | 6.1.0           | 6.2.0       | R5-060377     |

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| RP-31             | RP-060144     | 246 | -   | Addition of the applicability of two new FDD Enhanced Uplink Radio Bearer Reconfiguration test cases   | F   | 6.1.0           | 6.2.0       | R5-060370     |
| RP-31             | RP-060166     | 247 | -   | CR to TS34.123-2; Correction to the applicability table for DSAC   | F   | 6.1.0           | 6.2.0       | R5-060220     |
| RP-31             | RP-060163     | 248 | -   | Update of title for GCF WI-013 RB test case 14.2.4b  | F   | 6.1.0           | 6.2.0       | R5-060127     |
| RP-31             | RP-060150     | 249 | -   | New test case (applicability): 6.2.2.4 Cell reselection in multi-mode shared network environment   | F   | 6.1.0           | 6.2.0       | R5-060156     |
| RP-31             | RP-060150     | 250 | -   | New test case (applicability): 6.2.1.11 Selection of PLMN and RAT in shared network environment, Manual mode   | F   | 6.1.0           | 6.2.0       | R5-060154     |
| RP-31             | RP-060150     | 251 | -   | New test case (applicability): 6.1.1.9 PLMN selection in shared network environment, Manual Mode   | F   | 6.1.0           | 6.2.0       | R5-060151     |
| RP-31             | RP-060150     | 252 | -   | Removal of all references to TDD in 34.123-2   | F   | 6.1.0           | 6.2.0       | R5-060149     |
| RP-31             | RP-060147     | 253 | -   | CR to TS34.123-2; Addition of new test case to Table A.18f.1: FDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH             | F   | 6.1.0           | 6.2.0       | R5-060301     |
| RP-31             | RP-060147     | 254 | -   | Correction to WI-14 test case 8.3.11.10 Title  | F   | 6.1.0           | 6.2.0       | R5-060206     |
| RP-32             | RP-060337     | 255 |     | Update of applicability for HSDPA radio bearer test cases  | F   | 6.2.0           | 6.3.0       | R5-061372     |
| RP-32             | RP-060338     | 256 |     | Add ICS for LCR TDD HSDPA  | F   | 6.2.0           | 6.3.0       | R5-061067     |
| RP-32             | RP-060333     | 257 |     | New Enhanced Uplink RRC test case for Active Set Update With Serving Cell Change   | F   | 6.2.0           | 6.3.0       | R5-061123     |
| RP-32             | RP-060333     | 258 |     | Addition of the applicability for new Radio Bearer Reconfiguration test cases for Enhanced uplink  | F   | 6.2.0           | 6.3.0       | R5-061153     |
| RP-32             | RP-060333     | 259 |     | Update of applicability for E-DCH radio bearer test cases  | F   | 6.2.0           | 6.3.0       | R5-061157     |
| RP-32             | RP-060333     | 260 |     | Generalize E-DCH radio bearer names  | F   | 6.2.0           | 6.3.0       | R5-061160     |
| RP-32             | RP-060333     | 261 |     | Applicability of test cases for conversational radio bearer combinations for E-DCH/HS-DSCH testing   | F   | 6.2.0           | 6.3.0       | R5-061268     |
| RP-32             | RP-060333     | 262 |     | New MAC-es/e combined and scheduled transmissions test case applicability  | F   | 6.2.0           | 6.3.0       | R5-061523     |
| RP-32             | RP-060333     | 263 |     | Applicability Statements for newly added MAC-es/e test cases   | F   | 6.2.0           | 6.3.0       | R5-061244     |
| RP-32             | RP-060333     | 264 |     | Applicability of test case for WB-AMR RAB combination for E-DCH/HS-DSCH testing  | F   | 6.2.0           | 6.3.0       | R5-061341     |
| RP-32             | RP-060324     | 265 |     | Compressed mode PICS and other mnemonics additions and corrections   | F   | 6.2.0           | 6.3.0       | R5-061332     |
| RP-32             | RP-060329     | 266 |     | Update of required UE capability for GCF WI-13 WB-AMR radio bearer test case 14.2.62   | F   | 6.2.0           | 6.3.0       | R5-061333     |
| RP-32             | RP-060324     | 267 |     | Corrections to TS 34.123-2, Table1: Deletion of condition statements   | F   | 6.2.0           | 6.3.0       | R5-061334     |
| RP-32             | RP-060324     | 268 |     | Deletion of section 8.3.9 from Applicability Table   | F   | 6.2.0           | 6.3.0       | R5-061336     |
| RP-32             | RP-060324     | 269 |     | Corrections to TS 34.123-2, Table1: Applicability of Tests for GMM Test Case 12.4.1.1b   | F   | 6.2.0           | 6.3.0       | R5-061272     |
| RP-33             | RP-060564     | 270 |     | Addition of the applicability of the new E-DCH RRC test cases to 34.123-2, update of name and applicability of E-DCH test case 8.2.6.52                        | F   | 6.3.0           | 6.4.0       | R5-062332     |
| RP-33             | RP-060564     | 271 |     | Correction to the definition of the applicability statement C408 and creation of a new applicability condition for test case 8.2.3.36                          | F   | 6.3.0           | 6.4.0       | R5-062557     |
| RP-33             | RP-060560     | 272 |     | Addition of new PICS   | F   | 6.3.0           | 6.4.0       | R5-062520     |
| RP-33             | RP-060553     | 273 |     | Corrections to TS 34.123-2, in test case applicability table.  | F   | 6.3.0           | 6.4.0       | R5-062236     |
| RP-33             | RP-060560     | 274 |     | New test case: 6.2.2.5 Cell reselection using SIB18; UTRAN to GSM, Applicability   | F   | 6.3.0           | 6.4.0       | R5-062290     |
| RP-33             | RP-060551     | 275 |     | Clean-up of PICS tables for radio bearer configurations  | F   | 6.3.0           | 6.4.0       | R5-062518     |
| RP-33             | RP-060564     | 276 |     | Applicability Statements for newly added MAC-es/e test cases   | F   | 6.3.0           | 6.4.0       | R5-062545     |
| RP-33             | RP-060568     | 277 |     | CR to 34.123-2: ICS parameter addition for the new test case of 8.2.6.40a for LCR TDD HSDPA (CR cover sheet wrongly shows spec 34.123-1 and CR number as 1633) | F   | 6.3.0           | 6.4.0       | R5-062510     |
| RP-34             | RP-060841     | 278 | -   | Correction of applicability of test cases for TDD  | F   | 6.4.0           | 6.5.0       | R5-063370     |
| RP-34             | RP-060747     | 279 | -   | Update of 34.123-2 for HCR TDD HSDPA tests   | F   | 6.4.0           | 6.5.0       | R5-063521     |

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| RP-34             | RP-060744     | 280 | -   | Correction to applicability statement of test case 7.1.6.2.5   | F   | 6.4.0           | 6.5.0       | R5-063147     |
| RP-34             | RP-060744     | 281 | -   | Deletion of EDCH test case 8.2.6.53  | F   | 6.4.0           | 6.5.0       | R5-063239     |
| RP-34             | RP-060742     | 282 | -   | Addition of applicability for new ROHC test cases  | F   | 6.4.0           | 6.5.0       | R5-063319     |
| RP-34             | RP-060751     | 283 | -   | Addition of applicability for new MBMS test cases  | F   | 6.4.0           | 6.5.0       | R5-063542     |
| RP-34             | RP-060749     | 284 | -   | Introduction of inter-band operation test cases applicability  | F   | 6.4.0           | 6.5.0       | R5-063258     |
| RP-34             | RP-060739     | 285 | -   | Corrections to TS 34.123-2, conditions of Table 1: Applicability of tests  | F   | 6.4.0           | 6.5.0       | R5-063048     |
| RP-34             | RP-060734     | 286 | -   | Correction to applicability for SMS testcases 16.1.9.1 and 16.1.9.2  | F   | 6.4.0           | 6.5.0       | R5-063344     |
| RP-34             | RP-060734     | 287 | -   | Test case 8.2.3.35 missing from the specification  | F   | 6.4.0           | 6.5.0       | R5-063373     |
| RP-34             | RP-060734     | 288 | -   | Addition of R99 Idle Mode Test Case 6.1.2.9a and 6.1.2.9b to the applicability table   | F   | 6.4.0           | 6.5.0       | R5-063553     |
| RP-34             | RP-060841     | 289 | -   | CR to 34.123-2: Some Changes of Table 1 related to 34.123-1 for LCR TDD  | F   | 6.4.0           | 6.5.0       | R5-063101     |
| RP-35             | RP-070098     | 290 | -   | Applicability table for addition of new test cases for RRC connection establishment for HS-DSCH / E-DCH signalling bearers.                          | F   | 6.5.0           | 6.6.0       | R5-070157     |
| RP-35             | RP-070095     | 291 | -   | Addition of applicability for new ROHC test cases  | F   | 6.5.0           | 6.6.0       | R5-070246     |
| RP-35             | RP-070087     | 292 | -   | Applicability of new MBMS radio bearer test cases  | F   | 6.5.0           | 6.6.0       | R5-070146     |
| RP-35             | RP-070087     | 293 | -   | Applicability table for addition of new MBMS test case for Modification of the list of MBMS Selected Service whilst in Cell_PCH, URA_PCH & Cell_FACH | F   | 6.5.0           | 6.6.0       | R5-070153     |
| RP-35             | RP-070087     | 294 | -   | Addition of applicability for new MBMS test cases  | F   | 6.5.0           | 6.6.0       | R5-070448     |
| RP-35             | RP-070087     | 295 | -   | Modification of MBMS test case numbering   | F   | 6.5.0           | 6.6.0       | R5-070474     |
| RP-35             | RP-070102     | 296 | -   | Correction to the applicability for the GCF WI 10 RRC test case 8.2.4.1  | F   | 6.5.0           | 6.6.0       | R5-070080     |
| RP-35             | RP-070102     | 297 | -   | Correction to Table 1: Applicability of tests  | F   | 6.5.0           | 6.6.0       | R5-070087     |
| RP-35             | RP-070102     | 298 | -   | Correction to Table 1: Change in the phrase "Frequency band modification" to "Frequency modification"  | F   | 6.5.0           | 6.6.0       | R5-070088     |
| RP-35             | RP-070111     | 299 | -   | Applicability table for addition of new test case for Radio Bearer Establishment using Specification Mode = Preconfiguration                         | F   | 6.5.0           | 6.6.0       | R5-070390     |
| RP-35             | RP-070102     | 300 | -   | 8.2.4.36a – the redundant test case shall be deleted   | F   | 6.5.0           | 6.6.0       | R5-070391     |
| RP-35             | RP-070102     | 301 | -   | Correction to the applicability for GCF WI-012 test case 8.4.1.48  | F   | 6.5.0           | 6.6.0       | R5-070235     |
| RP-35             | RP-070102     | 302 | -   | Deletion of PICS 'Indication and user selection of PLMN' and corrections of the condition statements   | F   | 6.5.0           | 6.6.0       | R5-070392     |
| RP-35             | RP-070102     | 303 | -   | Correction of ICS parameter A.13/2 and update of applicability of FDD radio bearer test cases depending on ICS parameter A.13/2                      | F   | 6.5.0           | 6.6.0       | R5-070461     |
| RP-35             | RP-070111     | 304 | -   | Deletion of PICS 'Indication and user selection of PLMN' and corrections of the condition statements for Rel-6 TCs                                   | F   | 6.5.0           | 6.6.0       | R5-070476     |
| RP-35             | RP-070095     | 305 | -   | Addition of applicability for new ROHC test case 7.3.6.10: SRNS relocation for ROHC RTP O-mode compressor  | F   | 6.5.0           | 6.6.0       | R5-070249     |
| RP-35             | RP-070102     | 306 | -   | Recommendation concerning number of TC execution added to applicability table  | F   | 6.5.0           | 6.6.0       | R5-070491r2   |
| RP-36             | RP-070354     | 307 |     | Guidance to TC execution for the HSDPA, EDCH and interband tests   | F   | 6.6.0           | 6.7.0       | R5-071031     |
| RP-36             | RP-070346     | 308 |     | Removal of GCF WI-10 Idle Mode Test Case 6.1.2.9   | F   | 6.6.0           | 6.7.0       | R5-071042     |
| RP-36             | RP-070361     | 309 |     | Renaming of MBMS test case 8.5.1.8   | F   | 6.6.0           | 6.7.0       | R5-071167     |
| RP-36             | RP-070346     | 310 |     | Correction to the description of PICS pc_AT_SupportToInit_PS_Call  | F   | 6.6.0           | 6.7.0       | R5-071189     |
| RP-36             | RP-070351     | 311 |     | Editorial correction to pics names used in Table A.18f.1   | F   | 6.6.0           | 6.7.0       | R5-071262     |
| RP-36             | RP-070346     | 314 |     | Correction to Table 1 : Applicability of tests   | F   | 6.6.0           | 6.7.0       | R5-071429     |
| RP-36             | RP-070354     | 315 |     | Editorial corrections in the reference list  | F   | 6.6.0           | 6.7.0       | R5-071457     |



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|-------------------|---------------|-----|-----|---|-----|-----------------|-------------|---------------|
| RP-36             | RP-070346     | 316 |     | Addition of informative Annex for FDD/GSM band combinations for Inter-band and Inter-RAT signalling test cases                                    | F   | 6.6.0           | 6.7.0       | R5-071462     |
| RP-36             | RP-070361     | 317 |     | Addition of applicability for new MBMS test cases and Correction MBMS clause numbers  | F   | 6.6.0           | 6.7.0       | R5-071486     |
| RP-36             | RP-070358     | 318 |     | Applicability for new E-DCH test case 8.4.1.49 for measurement event 1J   | F   | 6.6.0           | 6.7.0       | R5-071511     |
| RP-36             | RP-070351     | 319 |     | Applicability table for addition of new test cases for modification of BCCH in Paging type 1 using BCCH modification time                         | F   | 6.6.0           | 6.7.0       | R5-071538     |
| RP-36             | RP-070361     | 320 |     | Addition of applicability for new MBMS test case 8.5.2.1  | F   | 6.6.0           | 6.7.0       | R5-071247     |
| RP-36             | RP-070354     | 312 |     | 34.123-2 Pointer version 6.7.0  | F   | 6.6.0           | 6.7.0       | R5-071304     |
| RP-36             | RP-070364     | 313 |     | Addition of 7.68Mcps TDD tests to recommended test case applicability statement   | F   | 6.6.0           | 7.0.0       | R5-071312     |
| RP-37             | RP-070605     | 321 | -   | Addition of applicability statements for new MBMS test cases 8.5.5.7, 8.5.5.7m, 8.5.5.8 & 8.5.5.8m  | F   | 7.0.0           | 7.1.0       | R5-072253     |
| RP-37             | RP-070600     | 322 | -   | Add a word "informative" for the TC executions column   | F   | 7.0.0           | 7.1.0       | R5-072047     |
| RP-37             | RP-070593     | 323 | -   | Applicability of new test case for radio bearer reconfiguration from speech to speech plus PS data with modification of downlink spreading factor | F   | 7.0.0           | 7.1.0       | R5-072074     |
| RP-37             | RP-070589     | 324 | -   | Correction and addition to the recommended number of TC executions  | F   | 7.0.0           | 7.1.0       | R5-072226     |
| RP-37             | RP-070589     | 325 | -   | Corrections to the PICS items   | F   | 7.0.0           | 7.1.0       | R5-072254     |
| RP-37             | RP-070609     | 326 | -   | Update of Implementation conformance statement for 3.84Mcps and 7.68Mcps TDD  | F   | 7.0.0           | 7.1.0       | R5-072484     |
| RP-37             | RP-070605     | 327 | -   | Applicability of new MBMS PTP HS radio bearer test cases  | F   | 7.0.0           | 7.1.0       | R5-072499     |
| RP-37             | RP-070593     | 328 | -   | Correction to the applicability statements of RoHC performance test cases   | F   | 7.0.0           | 7.1.0       | R5-072486     |
| RP-37             | RP-070589     | 330 | -   | New Additional information for LCR TDD  | F   | 7.0.0           | 7.1.0       | R5-072526     |
| RP-37             | RP-070605     | 331 | -   | MBMS split for broadcast / multicast  | F   | 7.0.0           | 7.1.0       | R5-072524     |
| RP-37             | RP-070602     | 332 | -   | Modification of applicability statement for F-DPCH test cases   | F   | 7.0.0           | 7.1.0       | R5-072538     |
| RP-37             | RP-070600     | 333 | -   | Production of 34.123-2 Rel-7 pointer version to point to Rel-8 of the spec  | F   | 7.0.0           | 7.1.0       | R5-072594     |
| RP-37             | RP-070599     | 329 | -   | Introduction of FDD Mode Test frequencies for Operating Band XI (UMTS1500)  | F   | 7.0.0           | 8.0.0       | R5-072465     |
| RP-38             | RP-070879     | 334 |     | Addition of MBMS content for LCR TDD in 34.123-2  | F   | 8.0.0           | 8.1.0       | R5-073414     |
| RP-38             | RP-070880     | 335 |     | Update of Implementation conformance statement for MBMS for 3.84Mcps, 1.28Mcps and 7.68Mcps TDD   | F   | 8.0.0           | 8.1.0       | R5-073478     |
| RP-38             | RP-070887     | 336 |     | Applicability of new test case for Improved L2  | F   | 8.0.0           | 8.1.0       | R5-073466     |
| RP-38             | RP-070885     | 337 |     | Applicability for new CPC test cases  | F   | 8.0.0           | 8.1.0       | R5-073469     |
| RP-38             | RP-070860     | 338 |     | Correction to the PICS statements   | F   | 8.0.0           | 8.1.0       | R5-073094     |
| RP-38             | RP-070873     | 339 |     | Correction of Applicability MBMS Test Cases   | F   | 8.0.0           | 8.1.0       | R5-073101     |
| RP-38             | RP-070860     | 340 |     | Correction of the applicability of WI-10 test case 8.2.3.29   | F   | 8.0.0           | 8.1.0       | R5-073304     |
| RP-38             | RP-070860     | 341 |     | Removing redundant entry from table A.18a in TS 34.123-2  | F   | 8.0.0           | 8.1.0       | R5-073117     |
| RP-38             | RP-070873     | 342 |     | Update of applicability of MBMS PTP HS radio bearer test cases  | F   | 8.0.0           | 8.1.0       | R5-073149     |
| RP-38             | RP-070873     | 343 |     | Add references of MBMS Relevant Specifications  | F   | 8.0.0           | 8.1.0       | R5-073308     |
| RP-38             | RP-070873     | 344 |     | Corrections to MBMS titles for selected service applicable test cases   | F   | 8.0.0           | 8.1.0       | R5-073271     |
| RP-38             | RP-070873     | 345 |     | Removal of applicability of MBMS test cases 8.5.1.7 and 8.5.1.7m  | F   | 8.0.0           | 8.1.0       | R5-073307     |
| RP-38             | RP-070869     | 346 |     | Correction of applicability of RRC test cases 8.2.2.41, 8.2.2.42, 8.2.3.31, 8.2.3.32, 8.2.3.33, 8.2.3.34 and 8.2.3.35                             | F   | 8.0.0           | 8.1.0       | R5-073481r1   |
| RP-39             | RP-080106     | 347 |     | Update of Implementation conformance statement to include E-DCH tests for 3.84Mcps and 7.68Mcps TDD   | F   | 8.1.0           | 8.2.0       | R5-080378     |

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|-------------------|---------------|------|-----|--|-----|-----------------|-------------|---------------------------|
| RP-39             | RP-080108     | 348  |     | Applicability for new UL 16 QAM Test Cases   | F   | 8.1.0           | 8.2.0       | R5-080274                 |
| RP-39             | RP-080107     | 349  |     | Applicability of MAC-ehs TB size selection test cases for 64QAM  | F   | 8.1.0           | 8.2.0       | R5-080261                 |
| RP-39             | RP-080107     | 350  |     | Applicability of New Rel-7 HSPA IB radio bearer test case for enhanced L2 and 64QAM  | F   | 8.1.0           | 8.2.0       | R5-080335                 |
| RP-39             | RP-080107     | 351  |     | Applicability of new Rel-7 HSPA streaming radio bearer test case for enhanced L2 and 64QAM   | F   | 8.1.0           | 8.2.0       | R5-080341                 |
| RP-39             | RP-080109     | 352  |     | Applicability of a new test case for DL Improved Layer2: Reconfiguration between fixed and flexible AM RLC, Serving HS-DSCH cell change between MAC-hs and MAC-ehs.                        | F   | 8.1.0           | 8.2.0       | R5-080604                 |
| RP-39             | RP-080109     | 353  |     | Applicability of MAC-ehs TB size selection test cases for QPSK and 16QAM   | F   | 8.1.0           | 8.2.0       | R5-080259                 |
| RP-39             | RP-080109     | 354  |     | Applicability of new UM RLC test case for Flexible handling of RLC PDU sizes   | F   | 8.1.0           | 8.2.0       | R5-080286                 |
| RP-39             | RP-080109     | 355  |     | Applicability of new Rel-7 HSPA IB radio bearer test case for enhanced L2, QPSK and 16QAM  | F   | 8.1.0           | 8.2.0       | R5-080334                 |
| RP-39             | RP-080109     | 356  |     | Applicability of new Rel-7 HSPA streaming radio bearer test case for enhanced L2, QPSK and 16QAM   | F   | 8.1.0           | 8.2.0       | R5-080340                 |
| RP-39             | RP-080110     | 357  |     | Applicability of new Rel-7 HSPA conversational radio bearer test case using SRBs with flexible RLC   | F   | 8.1.0           | 8.2.0       | R5-080344                 |
| RP-39             | RP-080112     | 358  |     | Applicability for new CPC test cases   | F   | 8.1.0           | 8.2.0       | R5-080502                 |
| RP-39             | RP-080112     | 359  |     | Applicability change for corrected CPC test case 8.2.6.55  | F   | 8.1.0           | 8.2.0       | R5-080322                 |
| RP-39             | RP-080105     | 360  |     | Applicability for New Rel-7 HSPA IB radio bearer test case for enhanced L2 and MIMO  | F   | 8.1.0           | 8.2.0       | R5-080336                 |
| RP-39             | RP-080105     | 361  |     | Applicability of new Rel-7 HSPA streaming radio bearer test case for enhanced L2 and MIMO  | F   | 8.1.0           | 8.2.0       | R5-080342                 |
| RP-39             | RP-080093     | 362  |     | Correction of test executions  | F   | 8.1.0           | 8.2.0       | R5-080541                 |
| RP-39             | RP-080097     | 363  |     | Applicability updated after removal of TC 8.2.1.37   | F   | 8.1.0           | 8.2.0       | R5-080056                 |
| RP-39             | RP-080097     | 364  |     | Changed applicability for test case 8.2.3.36   | F   | 8.1.0           | 8.2.0       | R5-080254                 |
| RP-39             | RP-080097     | 365  |     | Addition of applicability for new TC 8.3.7.1a  | F   | 8.1.0           | 8.2.0       | R5-080580                 |
| RP-40             | RP-080371     | 0366 |     | Update of Implementation conformance statement to include 7.1.6a.2.2 and 7.1.6a.2.3 E-DCH tests for 3.84Mcps and 7.68Mcps TDD  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081339</a> |
| RP-40             | RP-080379     | 0367 |     | Add 3.84/7.68 Mcps TDD MBMS Radio Bearer Capability statements   | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081173</a> |
| RP-40             | RP-080378     | 0368 |     | CR TS 34.123-2 LRPLMN selection  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081379</a> |
| RP-40             | RP-080378     | 0369 |     | Adding applicability of the new test case Presentation of additional information during PLMN selection: Manual mode  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081384</a> |
| RP-40             | RP-080374     | 2252 |     | Enhanced CELL_FACH: New test case for Cell Update: cell reselection in CELL_FACH (Reselection between cell not supporting HS-PDSCH in CELL_FACH and cell supporting HS-PDSCH is CELL_FACH) | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081386</a> |
| RP-40             | RP-080374     | 0370 |     | Enhanced CELL_FACH: Applicability for new test cases to verify HS-DSCH reception in CELL_FACH state.   | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081387</a> |
| RP-40             | RP-080380     | 0371 |     | Addition of a new test case for PDCP AMR Data PDU testing Part 2   | F   | 8.2.0           | 8.3.0       | R5-081604                 |
| RP-40             | RP-080430     | 0372 |     | Addition of applicability for new TC 8.3.7.1b  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081551</a> |
| RP-40             | RP-080430     | 0373 |     | Editorial correction - duplicated Condition reference  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081128</a> |
| RP-40             | RP-080363     | 0374 |     | Correction to Applicability of Test Case 8.3.7.16  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081550</a> |
| RP-40             | RP-080363     | 0375 |     | Remove UEA1/UIA1 as optional support features  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081211</a> |
| RP-40             | RP-080363     | 0376 |     | Change in applicability condition C35 & C36  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081242</a> |
| RP-40             | RP-080430     | 0377 |     | Update of applicability table for RB test case 14.7.6b   | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081245</a> |
| RP-40             | RP-080429     | 0378 |     | Addition of applicability for new TC 8.3.7.1a  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081522</a> |
| RP-40             | RP-080430     | 0379 |     | Rel-7: New PICS items  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081313</a> |
| RP-40             | RP-080430     | 0380 |     | UEA2/UIA2: Applicability for new test cases to verify new ciphering and integrity protection algorithms in Rel-7.  | F   | 8.2.0           | 8.3.0       | <a href="#">R5-081521</a> |

| Meeting-1st-Level | Doc-1st-Level | CR   | Rev | Subject   | Cat | Version-Current | Version-New | Doc-2nd-Level |
|-------------------|---------------|------|-----|---|-----|-----------------|-------------|---------------|
| RP-41             | RP-080559     | 0381 |     | Add new ICS items for Operating Bands XII, XIII and XIV (UMTS700 MHz)   | F   | 8.3.0           | 8.4.0       | R5-083041     |
| RP-41             | RP-080554     | 0382 |     | Remove Algorithms A5/4 to A5/7 as optional support features   | F   | 8.3.0           | 8.4.0       | R5-083042     |
| RP-41             | RP-080558     | 0383 |     | Add applicability for two new inteRAT TC from UEA2/UIA2 to GEA2 or GEA3   | F   | 8.3.0           | 8.4.0       | R5-083044     |
| RP-41             | RP-080554     | 0384 |     | Correction to test case applicability for CS+PS test cases in 8 series  | F   | 8.3.0           | 8.4.0       | R5-083048     |
| RP-41             | RP-080566     | 0385 |     | Addition of applicability statement for a new test case: Steering of Roaming  | F   | 8.3.0           | 8.4.0       | R5-083060     |
| RP-41             | RP-080566     | 0386 |     | Applicability of new test case for Network Selection Enhancements (6.1.1.5)   | F   | 8.3.0           | 8.4.0       | R5-083064     |
| RP-41             | RP-080558     | 0387 |     | Update of applicability of HSPA SM, RB and MAC test cases   | F   | 8.3.0           | 8.4.0       | R5-083088     |
| RP-41             | RP-080568     | 0388 |     | Add MBSFN related items to capability tables  | F   | 8.3.0           | 8.4.0       | R5-083098     |
| RP-41             | RP-080566     | 0389 |     | Addition of applicability statement for a new test case: Displaying EHPLMNs in manual mode  | F   | 8.3.0           | 8.4.0       | R5-083156     |
| RP-41             | RP-080740     | 0390 |     | Correction to the description of PICS pc_MS_ClsmkA5_3   | F   | 8.3.0           | 8.4.0       | R5-083181     |
| RP-41             | RP-080568     | 0391 |     | Add test applicability and conditions for new 3.84 and 7.68 Mcps TDD MBSFN cluster selection tests  | F   | 8.3.0           | 8.4.0       | R5-083379     |
| RP-41             | RP-080568     | 0392 |     | Add test applicability and conditions for new 3.84 and 7.68 Mcps TDD MBSFN MAC and RLC tests  | F   | 8.3.0           | 8.4.0       | R5-083380     |
| RP-41             | RP-080568     | 0393 |     | Add test applicability and conditions for new 3.84 and 7.68 Mcps TDD MBSFN RRC tests  | F   | 8.3.0           | 8.4.0       | R5-083382     |
| RP-41             | RP-080568     | 0394 |     | Add test applicability and conditions for 3.84 and 7.68 Mcps TDD MBSFN RB tests   | F   | 8.3.0           | 8.4.0       | R5-083436     |
| RP-41             | RP-080562     | 0395 |     | Enhanced CELL_FACH: Applicability for new test cases of reconfiguration between EFACH/FACH and Measurement reporting when moving from CELL_PCH to CELL_FACH | F   | 8.3.0           | 8.4.0       | R5-083546     |
| RP-41             | RP-080567     | 0396 |     | Applicability for new CS over HSPA Test Cases   | F   | 8.3.0           | 8.4.0       | R5-083547     |
| RP-41             | RP-080554     | 0397 |     | Correction in applicability for test case 12.3.1.5  | F   | 8.3.0           | 8.4.0       | R5-083583     |
| RP-41             | RP-080554     | 0398 |     | CR to 34.123-2: Correction to the Table Subtitle of Table A.19c   | F   | 8.3.0           | 8.4.0       | R5-083584     |
| RP-41             | RP-080566     | 0399 |     | Inconsistent applicability concerning MT-LR test cases  | F   | 8.3.0           | 8.4.0       | R5-083604     |
| RP-41             | RP-080567     | 0400 |     | Applicability for new test case 6.1.1.14 optional network selection mode at switch on   | F   | 8.3.0           | 8.4.0       | R5-083638     |
| RP-41             | RP-080559     | 0401 |     | Update of applicability statements for CS voice over HSPA test cases  | F   | 8.3.0           | 8.4.0       | R5-083639     |
| RP-42             | RP-080961     | 0402 |     | Addition of ICS for LCR TDD E-DCH   | F   | 8.4.0           | 8.5.0       | R5-083518     |
| RP-42             | RP-080952     | 0403 |     | Addition LCR TDD E-DCH physical layer categories  | F   | 8.4.0           | 8.5.0       | R5-085129     |
| RP-42             | RP-080952     | 0404 |     | Addition of pc_MUX_Support  | F   | 8.4.0           | 8.5.0       | R5-085162     |
| RP-42             | RP-080967     | 0405 |     | Applicability of new Improved L2 UL RLC test cases  | F   | 8.4.0           | 8.5.0       | R5-085168     |
| RP-42             | RP-080965     | 0406 |     | Enhanced CELL_FACH: Applicability for new test case for UE Identification on HS-SCCH in CELL FACH   | F   | 8.4.0           | 8.5.0       | R5-085281     |
| RP-42             | RP-080954     | 0407 |     | Addition of pc_MBMS_AutomaticSessionReception   | F   | 8.4.0           | 8.5.0       | R5-085392     |
| RP-42             | RP-080955     | 0408 |     | 8.1.2.19 part 2 applicability   | F   | 8.4.0           | 8.5.0       | R5-085435     |
| RP-42             | RP-080953     | 0409 |     | Correction to applicability of test case 11.1.1.1a  | F   | 8.4.0           | 8.5.0       | R5-085559     |
| RP-43             | RP-090201     | 0410 | -   | Correction of applicability for test case 12.4.2.11   | F   | 8.5.0           | 8.6.0       | R5-090164     |
| RP-43             | RP-090200     | 0411 | -   | Editorial corrections to some applicability conditions  | F   | 8.5.0           | 8.6.0       | R5-090166     |
| RP-43             | RP-090215     | 0412 | -   | Applicability of new Improved L2 UL RLC test cases  | F   | 8.5.0           | 8.6.0       | R5-090450     |
| RP-43             | RP-090212     | 0413 | -   | Applicability for new test case for HARQ retransmissions without ACK/NACK signalling in CELL_FACH/CELL_PCH/URA_PCH  | F   | 8.5.0           | 8.6.0       | R5-090542     |
| RP-43             | RP-090212     | 0414 | -   | Applicability for new HS-DSCH in CELL_FACH test case  | F   | 8.5.0           | 8.6.0       | R5-090729     |
| RP-44             | RP-090446     | 0415 | -   | Adding applicability of the test case for Improved L2 UL RLC PDU Size Adaptation in Uplink  | F   | 8.6.0           | 8.7.0       | R5-092080     |

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| RP-44             | RP-090430     | 0416 | -   | Correction of Applicability of tests for LCR TDD in 34.123-2   | F   | 8.6.0           | 8.7.0       | R5-092123     |
| RP-44             | RP-090440     | 0417 | -   | Updating Recommended Test Case Applicability for 1.28TDD 64QAM   | F   | 8.6.0           | 8.7.0       | R5-092319     |
| RP-44             | RP-090433     | 0418 | -   | Part 2 applicability title change for 8.3.4.11   | F   | 8.6.0           | 8.7.0       | R5-092401     |
| RP-44             | RP-090433     | 0419 | -   | Part 2 applicability title change for 7.1.5a.6   | F   | 8.6.0           | 8.7.0       | R5-092521     |
| RP-44             | RP-090434     | 0420 | -   | Addition of applicabilities for new idle mode test cases verifying Selection of RAT for OPLMN and HPLMN between frequency bands of different ITU regions                     | F   | 8.6.0           | 8.7.0       | R5-092740     |
| RP-44             | RP-090598     | 0421 | -   | Addition of Baseline Capability for FDD Mode Operating Band XIX (Extended UMTS 800)  | F   | 8.6.0           | 8.7.0       | R5-092742     |
| RP-45             | RP-090804     | 0422 | -   | Applicability of new RLC test cases for MBSFN FDD  | F   | 8.7.0           | 8.8.0       | R5-094099     |
| RP-45             | RP-090804     | 0423 | -   | Correction of applicability of MBSFN RRC test cases  | F   | 8.7.0           | 8.8.0       | R5-094100     |
| RP-45             | RP-090800     | 0424 | -   | Applicability of new radio bearer test cases for combination of 64QAM and MIMO   | F   | 8.7.0           | 8.8.0       | R5-094149     |
| RP-45             | RP-090800     | 0425 | -   | Addition of ICS-parameters for FDD HS-DSCH physical layer categories 19 and 20   | F   | 8.7.0           | 8.8.0       | R5-094153     |
| RP-45             | RP-090800     | 0426 | -   | Update of applicability for legacy MAC-ehs and radio bearer test cases for combination of 64QAM and MIMO   | F   | 8.7.0           | 8.8.0       | R5-094154     |
| RP-45             | RP-090803     | 0427 | -   | Addition test applicability and conditions for LCR TDD MBSFN in 34123-2  | F   | 8.7.0           | 8.8.0       | R5-094273     |
| RP-45             | RP-090794     | 0428 | -   | Removal of testcase 6.1.1.11 from the Applicability table  | F   | 8.7.0           | 8.8.0       | R5-094308     |
| RP-45             | RP-090791     | 0429 | -   | Correction to the content of A.20/31 of 34.123-2   | F   | 8.7.0           | 8.8.0       | R5-094315     |
| RP-45             | RP-090799     | 0430 | -   | Applicability of Improved L2 MAC test case   | F   | 8.7.0           | 8.8.0       | R5-094458     |
| RP-45             | RP-090808     | 0431 | -   | Applicability of Enh-UL for CELL_FACH test cases   | F   | 8.7.0           | 8.8.0       | R5-094462     |
| RP-45             | RP-090804     | 0432 | -   | Update of applicabilities for FDD MBSFN Section 6 TCs  | F   | 8.7.0           | 8.8.0       | R5-094469     |
| RP-45             | RP-090794     | 0433 | -   | Applicability of RRC 64QAM test cases  | F   | 8.7.0           | 8.8.0       | R5-094495     |
| RP-45             | RP-090791     | 0434 | -   | Applicability of Rel-7 MIMO test cases   | F   | 8.7.0           | 8.8.0       | R5-094497     |
| RP-45             | RP-090791     | 0435 | -   | Applicability of RRC UL 16QAM test cases   | F   | 8.7.0           | 8.8.0       | R5-094500     |
| RP-45             | RP-090799     | 0436 | -   | Applicability of new MAC-i/is test cases for TBS selection (7.1.7.4 and 7.1.7.5)   | F   | 8.7.0           | 8.8.0       | R5-094539     |
| RP-45             | RP-090799     | 0437 | -   | Applicability of new radio bearer test case 14.7.3a and 14.7.6c for Improved L2 UL   | F   | 8.7.0           | 8.8.0       | R5-094733     |
| RP-45             | RP-090806     | 0438 | -   | Adding applicability of the test case for Support of HNB - Intra-frequency cell reselection from a non-CSG cell to an allowed CSG cell                                       | F   | 8.7.0           | 8.8.0       | R5-095023     |
| RP-45             | RP-090808     | 0439 | -   | Applicability for Enhanced UL in Cell_FACH - DTCH/DCCH transmission - implicit common E-DCH resource release with and without receiving E-AGCH                               | F   | 8.7.0           | 8.8.0       | R5-095205     |
| RP-45             | RP-090791     | 0440 | -   | Applicability for new test cases "RRC Connection Establishment: Reject with Frequency Info set to the same/ a different frequency band - Success case for call establishment | F   | 8.7.0           | 8.8.0       | R5-095215     |
| RP-45             | RP-090809     | 2519 | -   | Enhanced CELL_FACH: Applicability for new test case for BCCH Mapping on HS-DSCH for Transmitting System Information Change Indication  | F   | 8.7.0           | 8.8.0       | R5-094453     |
| RP-46             | RP-091130     | 0441 | -   | Add 3.84 Mcps TDD IMB related items to capability tables   | F   | 8.8.0           | 8.9.0       | R5-095701     |
| RP-46             | RP-091124     | 0442 | -   | Addition of ICS-parameters for FDD HS-DSCH physical layer categories 21, 22, 23 and 24   | F   | 8.8.0           | 8.9.0       | R5-095746     |
| RP-46             | RP-091120     | 0443 | -   | Applicability of Rel-8 64QAM and MIMO RRC test cases   | F   | 8.8.0           | 8.9.0       | R5-095754     |
| RP-46             | RP-091127     | 0444 | -   | Applicability of new Enh-UL for CELL_FACH test case  | F   | 8.8.0           | 8.9.0       | R5-095756     |
| RP-46             | RP-091118     | 2605 | -   | Testcase names and numbering correction to 34.123-2 in for LCR TDD.  | F   | 8.8.0           | 8.9.0       | R5-096103     |
| RP-46             | RP-091124     | 0445 | -   | Applicability of new radio bearer test cases 14.6.1f, 14.6.1g, 14.6.6e and 14.6.6f for Dual Cell   | F   | 8.8.0           | 8.9.0       | R5-096130     |
| RP-46             | RP-091115     | 2614 | -   | Correction to GCF WI-12 test cases 16.3 and 14.4.4   | F   | 8.8.0           | 8.9.0       | R5-096158     |

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| RP-46             | RP-091118     | 0446 | -   | Modifying applicability to the Rel-7 test cases - Chapter 8  | F   | 8.8.0           | 8.9.0       | R5-096164     |
| RP-46             | RP-091133     | 0447 | -   | Adding applicability of the test cases for eCall   | F   | 8.8.0           | 8.9.0       | R5-096167     |
| RP-46             | RP-091124     | 0448 | -   | Applicability of new RRC test cases for Dual Cell HSDPA  | F   | 8.8.0           | 8.9.0       | R5-096172     |
| RP-46             | RP-091123     | 0449 | -   | Addition of applicability of MBSFN RRC test cases  | F   | 8.8.0           | 8.9.0       | R5-096173     |
| RP-46             | RP-091118     | 0450 | -   | Corrections to DL 64QAM and UL 16QAM RRC testcase applicabilities  | F   | 8.8.0           | 8.9.0       | R5-096191     |
| RP-46             | RP-091118     | 0451 | -   | Applicability of Rel-7 MIMO test case  | F   | 8.8.0           | 8.9.0       | R5-096199     |
| RP-46             | RP-091115     | 0452 | -   | Correction to 34.123-2 Annex C   | F   | 8.8.0           | 8.9.0       | R5-096408     |
| RP-46             | RP-091118     | 0453 | 1   | Modifying applicability to the Rel-7 test cases - Chapter 14   | F   | 8.8.0           | 8.9.0       | R5-096409     |
| RP-46             | RP-091125     | 0454 | -   | Addition applicability of 6 New Test Cases for Support of HNB  | F   | 8.8.0           | 8.9.0       | R5-096460     |
| RP-46             | RP-091130     | 0455 | -   | Add test applicability and conditions for 3.84 Mcps TDD IMB idle mode procedure tests                            | F   | 8.8.0           | 8.9.0       | R5-096475     |
| RP-46             | RP-091115     | 0456 | 3   | Title: Correction to test cases 8.1.2.21, 8.1.2.21a,8.1.2.22,8.1.2.22a,8.1.2.23,8.1.2.23a,8.1.2.24,8.1.2.24a     | F   | 8.8.0           | 8.9.0       | R5-096689     |
| RP-47             | RP-100182     | 0457 | -   | Addition of applicability for new WLAN interworking test cases   | F   | 8.8.0           | 8.10.0      | R5-100071     |
| RP-47             | RP-100137     | 0458 | -   | Corrections to list of inter-band test cases   | F   | 8.8.0           | 8.10.0      | R5-100088     |
| RP-47             | RP-100156     | 0459 | -   | Adding applicability of the test cases for eCall   | F   | 8.8.0           | 8.10.0      | R5-100226     |
| RP-47             | RP-100140     | 0460 | -   | Corrections to DL 64QAM RRC testcase applicability   | F   | 8.8.0           | 8.10.0      | R5-100240     |
| RP-47             | RP-100154     | 0461 | -   | CR to 34.123-2: Update of Baseline Capabilities for extended UMTS1500 operating bands                            | F   | 8.8.0           | 8.10.0      | R5-100255     |
| RP-47             | RP-100137     | 0462 | -   | Corrections to table headings in Annex A   | F   | 8.8.0           | 8.10.0      | R5-100417     |
| RP-47             | RP-100137     | 0463 | -   | Update of applicability statements and guidance on TC execution specific to UE's with data card form factor.     | F   | 8.8.0           | 8.10.0      | R5-100504     |
| RP-47             | RP-100140     | 0464 | -   | Correction to applicability table for MBSFN radio bearer testing   | F   | 8.8.0           | 8.10.0      | R5-100526     |
| RP-47             | RP-100150     | 0465 | -   | Applicability of Enh-UL for CELL_FACH test cases   | F   | 8.8.0           | 8.10.0      | R5-100660     |
| RP-47             | RP-100141     | 0466 | -   | Applicability of new test cases for CS over HSPA   | F   | 8.8.0           | 8.10.0      | R5-100704     |
| RP-47             | RP-100150     | 0467 | -   | Applicability of Enh-UL for CELL_FACH test case 7.1.8.6  | F   | 8.8.0           | 8.10.0      | R5-100762     |
| RP-47             | RP-100140     | 0468 | -   | Testcase names and numbering correction to 34.123-2 in for LCR TDD   | F   | 8.8.0           | 8.10.0      | R5-101001     |
| RP-47             | RP-100137     | 0469 | -   | Correcting execution instruction for test case 8.2.4.1   | F   | 8.8.0           | 8.10.0      | R5-101043     |
| RP-47             | RP-100141     | 0470 | -   | Correction to table A.20   | F   | 8.8.0           | 8.10.0      | R5-101097     |
| RP-47             | RP-100180     | 0471 | 1   | Addition of Applicability new test cases   | F   | 8.8.0           | 8.10.0      | R5-101140     |
| RP-47             | RP-100179     | 0472 | -   | Update to Applicability Table for HNB Test Cases   | F   | 8.8.0           | 8.10.0      | R5-101204     |
| RP-47             | -             | -    | -   | Updated to v9.0.0 with no change   | -   | 8.10.0          | 9.0.0       | -             |
| RP-48             | RP-100511     | 0473 | -   | Removal of PICS no longer required   | F   | 9.0.0           | 9.1.0       | R5-103127     |
| RP-48             | RP-100528     | 0474 | -   | Addition of applicability for new WLAN interworking test cases   | F   | 9.0.0           | 9.1.0       | R5-103154     |
| RP-48             | RP-100522     | 0475 | -   | Addition of applicability for Enhanced 1.28Mcps TDD Improved L2 support for high data rates in LCR TDD testcases | F   | 9.0.0           | 9.1.0       | R5-103283     |
| RP-48             | RP-100526     | 0476 | -   | Addition of applicability for LCR TDD CPC test cases   | F   | 9.0.0           | 9.1.0       | R5-103433     |
| RP-48             | RP-100519     | 0477 | -   | Applicability of Enh-UL in CELL_FACH test cases  | F   | 9.0.0           | 9.1.0       | R5-103447     |
| RP-48             | RP-100519     | 0478 | -   | Addition of UE Radio Access Capability for Enhanced DRX in CELL_FACH   | F   | 9.0.0           | 9.1.0       | R5-103448     |
| RP-48             | RP-100519     | 0479 | -   | Applicability of Enhanced CELL_FACH DRX test cases   | F   | 9.0.0           | 9.1.0       | R5-103449     |

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| RP-48             | RP-100517     | 0480 | -   | Correction of applicability condition C405f for Dual-Cell radio bearer test case 14.6.6f   | F   | 9.0.0           | 9.1.0       | R5-103637     |
| RP-48             | RP-100517     | 0481 | -   | Applicability of new RRC test cases for Dual Cell HSDPA  | F   | 9.0.0           | 9.1.0       | R5-103638     |
| RP-48             | RP-100525     | 0482 | -   | Adding and removing applicability of the test cases for eCall  | F   | 9.0.0           | 9.1.0       | R5-103657     |
| RP-48             | RP-100505     | 0483 | -   | Update of applicability statements and guidance on TC execution specific to UEs with data card form factor   | F   | 9.0.0           | 9.1.0       | R5-103666     |
| RP-48             | RP-100508     | 0484 | -   | Corrections to test case applicability and conditions tables for 7.68 Mcps TDD test cases  | F   | 9.0.0           | 9.1.0       | R5-103682     |
| RP-48             | RP-100508     | 0485 | -   | Correction to radio bearer capabilities table for 7.68 Mcps TDD  | F   | 9.0.0           | 9.1.0       | R5-103683     |
| RP-48             | RP-100527     | 0486 | -   | Introduction of Recommended test case applicability for MIMO of 1.28Mcps TDD   | F   | 9.0.0           | 9.1.0       | R5-103688     |
| RP-48             | RP-100520     | 0487 | -   | Addition of applicability for Enhanced CELL_FACH State in LCR TDD testcases  | F   | 9.0.0           | 9.1.0       | R5-103850     |
| RP-48             | RP-100528     | 0488 | -   | Addition of applicability for new WLAN interworking test cases   | F   | 9.0.0           | 9.1.0       | R5-103861     |
| RP-48             | RP-100511     | 0489 | -   | Applicability of new TC for enhanced serving HS-DSCH cell change   | F   | 9.0.0           | 9.1.0       | R5-103865     |
| RP-49             | RP-100985     | 0491 | -   | Update of condition C593   | F   | 9.1.0           | 9.2.0       | R5-104111     |
| RP-49             | RP-100808     | 0492 | -   | Correction to Number of TC Executions for the test case 8.2.6.39, 8.2.6.44, 8.3.1.25   | F   | 9.1.0           | 9.2.0       | R5-104156     |
| RP-49             | RP-100830     | 0493 | -   | Addition test applicability and conditions for LCR TDD Improved L2 in 34123-2  | F   | 9.1.0           | 9.2.0       | R5-104371     |
| RP-49             | RP-100833     | 0494 | -   | Update of applicability for WLAN interworking test cases   | F   | 9.1.0           | 9.2.0       | R5-104396     |
| RP-49             | RP-100836     | 0495 | -   | Applicability of new test cases for GNSS   | F   | 9.1.0           | 9.2.0       | R5-104468     |
| RP-49             | RP-100832     | 0496 | -   | Introduction of Recommended test case applicability for CPC 1.28Mcps TDD   | F   | 9.1.0           | 9.2.0       | R5-104475     |
| RP-49             | RP-100811     | 0497 | -   | Correction of test case titles 8.2.2.60 and 8.2.2.65   | F   | 9.1.0           | 9.2.0       | R5-104690     |
| RP-49             | RP-100808     | 0498 | -   | Correction of comments in applicability table for test cases using conditions C01d, C05d, C88d, C90d, C98d, C356, C369, C409, C411, C481d, C658 and C659 | F   | 9.1.0           | 9.2.0       | R5-104691     |
| RP-49             | RP-100828     | 0499 | -   | Addition test applicability and conditions for LCR TDD Enhanced CELL_FACH in 34123-2   | F   | 9.1.0           | 9.2.0       | R5-105017     |
| RP-49             | RP-100822     | 0500 | -   | Updating applicability of the eCall test cases   | F   | 9.1.0           | 9.2.0       | R5-105022     |
| RP-49             | RP-100986     | 0501 | -   | Add new PICS for UE UTRA capabilities  | F   | 9.1.0           | 9.2.0       | R5-105072     |
| -                 | -             | -    | -   | Editorial renumbering of test cases 8.3.1.49 to 8.3.1.50 to align with part 1 renumberings   | -   | 9.1.0           | 9.2.0       | -             |
| RP-50             | RP-101134     | 0502 | -   | Correction to condition C36d for test case 16.1.9.2  | F   | 9.2.0           | 9.3.0       | R5-106093     |
| RP-50             | RP-101147     | 0503 | -   | Add mnemonics for PICS required in 8.1.5.7   | F   | 9.2.0           | 9.3.0       | R5-106231     |
| RP-50             | RP-101158     | 0504 | -   | Applicability of new PPAC TCs  | F   | 9.2.0           | 9.3.0       | R5-106265     |
| RP-50             | RP-101146     | 0505 | -   | Applicability for Test Case 6.3.2.2 - Inter-frequency cell reselection from a non-CSG cell to an allowed CSG cell  | F   | 9.2.0           | 9.3.0       | R5-106341     |
| RP-50             | RP-101146     | 0506 | -   | Applicability for Rel-8 HNB Test Case 6.3.2.3  | F   | 9.2.0           | 9.3.0       | R5-106369     |
| RP-50             | RP-101161     | 0507 | -   | Applicability for Rel-9 HNB Test Cases   | F   | 9.2.0           | 9.3.0       | R5-106370     |
| RP-50             | RP-101146     | 0508 | -   | Removal of Test Case 13.3.1.9 for eCall (Applicability)  | F   | 9.2.0           | 9.3.0       | R5-106432     |
| RP-50             | RP-101146     | 0509 | -   | Applicability of the newly added test cases 8.2.2.63a, 8.2.6.62a, 8.3.4.13a and 8.3.4.14a  | F   | 9.2.0           | 9.3.0       | R5-106511     |
| RP-50             | RP-101160     | 0510 | -   | Introduction of ICS for FDD HS-DSCH physical layer categories 25-28  | F   | 9.2.0           | 9.3.0       | R5-106550     |
| RP-50             | RP-101157     | 0511 | -   | Testcase names and numbering correction to 34.123-2 for LCR TDD  | F   | 9.2.0           | 9.3.0       | R5-106653     |
| -                 | -             | -    | -   | Included the email agreed R5-106265 and R5-106370  | -   | 9.3.0           | 9.3.1       | -             |
| RP-51             | RP-110173     | 0513 | -   | Clarification of ICS in section 17.2   | F   | 9.3.0           | 9.4.0       | R5-110128     |
| RP-51             | RP-110173     | 0514 | -   | Clarification of ICS in Annex A.4  | F   | 9.3.0           | 9.4.0       | R5-110131     |
| RP-51             | RP-110178     | 0522 | -   | Correction of the position of Rel-9 HNB RRC Test Cases in the applicability table  | F   | 9.3.0           | 9.4.0       | R5-110222     |

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| RP-51             | RP-110177     | 0517 | -   | Addition of applicability for new radio bearer test cases for Dual-Cell and MIMO  | F   | 9.3.0           | 9.4.0       | R5-110228     |
| RP-51             | RP-110165     | 0527 | -   | Applicability for the new Test Case 8.2.2.57a   | F   | 9.3.0           | 9.4.0       | R5-110384     |
| RP-51             | RP-110177     | 0518 | -   | Addition of applicability for new Active setup RRC test cases for combination of DC-HSDPA with MIMO                                       | F   | 9.3.0           | 9.4.0       | R5-110502     |
| RP-51             | RP-110175     | 0512 | -   | Testcase names and numbering correction to 34.123-2 for LCR TDD HS-PDSCH  | F   | 9.3.0           | 9.4.0       | R5-110510     |
| RP-51             | RP-110173     | 0515 | -   | Addition of test applicability associated to some of the new A-GNSS MO-LR and MT-LR test cases  | F   | 9.3.0           | 9.4.0       | R5-110679     |
| RP-51             | RP-110156     | 0529 | -   | Correction to the content of the Note on Table 18a.2 of 34.123-2  | F   | 9.3.0           | 9.4.0       | R5-110686     |
| RP-51             | RP-110152     | 0528 | -   | Addition of applicability for new test case on Cell Broadcast Service DRX   | F   | 9.3.0           | 9.4.0       | R5-110687     |
| RP-51             | RP-110177     | 0516 | -   | Addition of applicability for new Radio Bearer Reconfiguration test cases for combination of DC-HSDPA with MIMO                           | F   | 9.3.0           | 9.4.0       | R5-110702     |
| RP-51             | RP-110177     | 0526 | -   | Addition of applicability for new Network Initiated Secondary PDP Context test cases 11.1.5.2, 11.2.1a, 11.2.1b                           | F   | 9.3.0           | 9.4.0       | R5-110744     |
| RP-51             | RP-110165     | 0524 | -   | Change the applicability of eCall test  | F   | 9.3.0           | 9.4.0       | R5-110824     |
| RP-51             | RP-110156     | 0525 | -   | Addition of applicability for new Network Initiated Secondary PDP Context test cases  | F   | 9.3.0           | 9.4.0       | R5-110831     |
| RP-51             | RP-110179     | 0519 | -   | Addition of applicability for some new Rel-9 HNB Test Cases   | F   | 9.3.0           | 9.4.0       | R5-110874     |
| RP-52             | RP-110652     | 0530 | -   | Correction to Band XII frequency range in 34.123-2  | F   | 9.4.0           | 9.5.0       | R5-112135     |
| RP-52             | RP-110641     | 0531 | -   | Correction to applicability of GCF WI-024 Network sharing test case 8.3.3.4   | F   | 9.4.0           | 9.5.0       | R5-112168     |
| RP-52             | RP-110661     | 0532 | -   | Testcase names and numbering correction to 34.123-2 for LCR TDD   | F   | 9.4.0           | 9.5.0       | R5-112255     |
| RP-52             | RP-110638     | 0533 | -   | Correction to execution guidelines  | F   | 9.4.0           | 9.5.0       | R5-112256     |
| RP-52             | RP-110652     | 0534 | -   | Add missing ICS for UE capability test case 8.1.5.7   | F   | 9.4.0           | 9.5.0       | R5-112291     |
| RP-52             | RP-110642     | 0535 | -   | Updating applicability of NISPC test cases  | F   | 9.4.0           | 9.5.0       | R5-112306     |
| RP-52             | RP-110663     | 0536 | -   | CR to 34.123-2 removal of duplicate test conditions   | F   | 9.4.0           | 9.5.0       | R5-112592     |
| RP-52             | RP-110664     | 0537 | -   | Addition of applicability for new Rel-9 HNB Test Cases  | F   | 9.4.0           | 9.5.0       | R5-112717     |
| RP-53             | RP-111133     | 0541 | -   | Addition of Applicability for new Test Cases 8.2.2.70 and 8.2.2.71  | F   | 9.5.0           | 9.6.0       | R5-113275     |
| RP-53             | RP-111143     | 0543 | -   | Remove duplicated Rel-9 ICS   | F   | 9.5.0           | 9.6.0       | R5-113310     |
| RP-53             | RP-111142     | 0544 | -   | Applicability of new CELL_FACH test case for implicit release with E-DCH transmission continuation back off value set to '0'              | F   | 9.5.0           | 9.6.0       | R5-113352     |
| RP-53             | RP-111143     | 0547 | -   | Removal of RRC test case 8.3.4.19a (DC-HSDPA + MIMO)  | F   | 9.5.0           | 9.6.0       | R5-113486     |
| RP-53             | RP-111146     | 0548 | -   | Addition of applicability for new Rel-9 HNB Test Case   | F   | 9.5.0           | 9.6.0       | R5-113507     |
| RP-53             | RP-111145     | 0549 | -   | Addition of applicability of new test case 13.4.1   | F   | 9.5.0           | 9.6.0       | R5-113527     |
| RP-53             | RP-111145     | 0550 | -   | Addition of applicability of new test case 13.4.2   | F   | 9.5.0           | 9.6.0       | R5-113529     |
| RP-53             | RP-111145     | 0551 | -   | Addition of applicability of new test case 13.4.3   | F   | 9.5.0           | 9.6.0       | R5-113530     |
| RP-53             | RP-111133     | 0552 | -   | Addition of Applicability for new Test Cases 8.3.11.16 and 8.3.11.18  | F   | 9.5.0           | 9.6.0       | R5-113601     |
| RP-53             | RP-111142     | 0554 | -   | Update of applicability of NISPC test cases   | F   | 9.5.0           | 9.6.0       | R5-113652     |
| RP-53             | RP-111149     | 0555 | -   | Applicability of new RRC test cases for DB-DC-HSDPA   | F   | 9.5.0           | 9.6.0       | R5-113657     |
| RP-53             | RP-111145     | 0556 | -   | Addition of applicability statement for new Rel-9 test case on Emergency call using the CS domain when no suitable cells in location area | F   | 9.5.0           | 9.6.0       | R5-113738     |
| RP-53             | RP-111145     | 0557 | -   | Addition of applicability statement for new Rel-9 test case on Emergency call in non-allowed CSG cell                                     | F   | 9.5.0           | 9.6.0       | R5-113739     |
| RP-53             | RP-111152     | 0558 | -   | Addition of Notification and Verification test cases for A-GNSS   | F   | 9.5.0           | 9.6.0       | R5-113776     |

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| RP-53             | RP-111146     | 0559 | -   | Addition of applicability for a new Rel-9 HNB Test Case 8.3.12.11 and some corrections      | F   | 9.5.0           | 9.6.0       | R5-113782     |
| RP-54             | RP-111574     | 0560 | -   | Clarification of Release-dependency in NISPC test applicability                             | F   | 9.6.0           | 9.7.0       | R5-115103     |
| RP-54             | RP-111591     | 0561 | -   | Correction to the applicability of tests conditions for test case 13.4.10 in TS 34.123-2    | F   | 9.6.0           | 9.7.0       | R5-115172     |
| RP-54             | RP-111583     | 0562 | -   | Removal of applicability for test case 8.1.1.15, 8.1.1.16, 8.1.1.17 and 8.1.1.18            | F   | 9.6.0           | 9.7.0       | R5-115177     |
| RP-54             | RP-111573     | 0563 | -   | Correction some Applicability for LCR TDD in 34.123-2                                       | F   | 9.6.0           | 9.7.0       | R5-115279     |
| RP-54             | RP-111584     | 0564 | -   | Addition applicability of enhanced TS0 for LCR TDD in 34.123-2                              | F   | 9.6.0           | 9.7.0       | R5-115291     |
| RP-54             | RP-111571     | 0565 | -   | Correction to applicability of test case 9.5.2 to handle data cards                         | F   | 9.6.0           | 9.7.0       | R5-115526     |
| RP-54             | RP-111594     | 0566 | -   | Correction to applicability of RRC test cases for DB-DC-HSDPA                               | F   | 9.6.0           | 9.7.0       | R5-115536     |
| RP-54             | RP-111583     | 0567 | -   | Applicability of New eCall Test Case 13.3.1.10 - eCall Inactivity State after T3243 expires | F   | 9.6.0           | 9.7.0       | R5-115601     |
| RP-54             | RP-111571     | 0568 | -   | Correction to applicability table A.20 Item 81  | F   | 9.6.0           | 9.7.0       | R5-115603     |
| RP-54             | RP-111597     | 0569 | -   | Adding band XXII (3500MHz) to 34.123-2  | F   | 9.6.0           | 9.7.0       | R5-115604     |
| RP-54             | RP-111571     | 0570 | -   | Correction to the Applicability to Idle mode HCS reselection test case 6.1.2.3              | F   | 9.6.0           | 9.7.0       | R5-115605     |
| RP-54             | RP-111595     | 0571 | -   | Applicability of new Radio Bearer Reconfiguration test cases for DC-HSUPA                   | F   | 9.6.0           | 9.7.0       | R5-115613     |
| RP-54             | RP-111595     | 0572 | -   | Addition of applicability for new DC-HSUPA related test cases                               | F   | 9.6.0           | 9.7.0       | R5-115614     |
| RP-54             | RP-111595     | 0573 | -   | Addition of Applicability statement for new DC-HSUPA testcase 7.1.9.1                       | F   | 9.6.0           | 9.7.0       | R5-115615     |
| RP-54             | RP-111592     | 0574 | -   | Addition of applicability for some new Rel-9 HNB Test Cases                                 | F   | 9.6.0           | 9.7.0       | R5-115734     |
| RP-55             | RP-120174     | 0575 | -   | GCF Priority X - Correction to the duplicate condition of C790 to 'void'                    | F   | 9.7.0           | 9.8.0       | R5-120103     |
| RP-55             | RP-120174     | 0576 | -   | Addition of Applicability for newly introduced Test Cases 8.2.2.72 and 8.3.11.17            | F   | 9.7.0           | 9.8.0       | R5-120250     |
| RP-55             | RP-120174     | 0577 | -   | Corrections to table 1 and table 1a of 34.123-2 regarding test condition C632.              | F   | 9.7.0           | 9.8.0       | R5-120413     |
| RP-55             | RP-120171     | 0578 | -   | Correction to applicability for GMM TCs 12.9.x  | F   | 9.7.0           | 9.8.0       | R5-120502     |
| RP-55             | RP-120171     | 0579 | -   | Correction to applicability for UTRA GMM TC 12.8  | F   | 9.7.0           | 9.8.0       | R5-120503     |
| RP-55             | RP-120183     | 0580 | -   | Correction of applicability of ETWS test cases  | F   | 9.7.0           | 9.8.0       | R5-120538     |
| RP-55             | RP-120184     | 0581 | -   | Removal of LCS test case applicability from 34.123-2  | F   | 9.7.0           | 9.8.0       | R5-120612     |
| RP-55             | RP-120194     | 0582 | -   | Applicability of new DC-HSUPA radio bearer test cases                                       | F   | 9.7.0           | 9.8.0       | R5-120615     |
| RP-55             | RP-120192     | 0583 | -   | Adding applicability for new TCs IMS Emergency CT1 aspects UMTS                             | F   | 9.7.0           | 9.8.0       | R5-120690     |
| RP-55             | RP-120172     | 0584 | -   | Change of applicability of test cases 8.1.2.14 and 8.1.2.15 to Rel10                        | F   | 9.8.0           | 10.0.0      | R5-120749     |
| RP-56             | RP-120648     | 0586 | -   | Editorial Corrections to Titles of eCall Test Cases   | F   | 10.0.0          | 10.1.0      | R5-121112     |
| RP-56             | RP-120656     | 0587 | -   | Applicability of new DC-HSUPA MAC test case 7.1.9.2   | F   | 10.0.0          | 10.1.0      | R5-121267     |
| RP-56             | RP-120656     | 0588 | -   | Applicability of new DC-HSUPA RRC test case 8.2.2.78  | F   | 10.0.0          | 10.1.0      | R5-121268     |



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| RP-56             | RP-120656     | 0589 | -   | Correction to applicability for DC-HSUPA test cases  | F   | 10.0.0          | 10.1.0      | R5-121269     |
| RP-56             | RP-120663     | 0590 | -   | Applicability of new UTRAN ANR Intra-UTRAN test cases  | F   | 10.0.0          | 10.1.0      | R5-121312     |
| RP-56             | RP-120639     | 0591 | -   | Correction applicability for UL 16QAM TC 14.7.1a   | F   | 10.0.0          | 10.1.0      | R5-121398     |
| RP-56             | RP-120655     | 0592 | -   | Adding applicability for new test cases 13.4.4 and 13.4.5  | F   | 10.0.0          | 10.1.0      | R5-121503     |
| RP-56             | RP-120639     | 0593 | -   | Correction to applicability of MIMO test cases 8.2.2.62, 8.2.6.54a, 8.2.6.63, 8.3.4.14 and 8.2.2.71  | F   | 10.0.0          | 10.1.0      | R5-121701     |
| RP-56             | RP-120635     | 0594 | -   | Correction to selection expression for MM test cases   | F   | 10.0.0          | 10.1.0      | R5-121702     |
| RP-56             | RP-120648     | 0595 | -   | Addition of applicability for test case 8.1.9c   | F   | 10.0.0          | 10.1.0      | R5-121727     |
| RP-56             | RP-120639     | 0596 | -   | Addition of PICS pc_TotalRLC_AM_BufferSize_r9_ext  | F   | 10.0.0          | 10.1.0      | R5-121728     |
| RP-56             | RP-120635     | 0597 | -   | Correction to NAS test case 9.5.2  | F   | 10.0.0          | 10.1.0      | R5-121729     |
| RP-56             | RP-120639     | 0598 | -   | Addition of Applicability for new Test Cases 8.3.4.x   | F   | 10.0.0          | 10.1.0      | R5-121730     |
| RP-56             | RP-120660     | 0599 | -   | Adding operating band XXV to TS 34.123-2   | F   | 10.0.0          | 10.1.0      | R5-121812     |
| RP-56             | RP-120664     | 0600 | -   | Applicability of Test Case 8.2.2.79  | F   | 10.0.0          | 10.1.0      | R5-121823     |
| RP-56             | RP-120637     | 0601 | -   | Modification of ICS for TC8.2.1.27b,8.2.2.36a,8.2.3.31a  | F   | 10.0.0          | 10.1.0      | R5-121878     |
| RP-56             | RP-120648     | 0602 | -   | Addition of Applicability for New Test Cases for Rel-8 Absolute Priority feature.  | F   | 10.0.0          | 10.1.0      | R5-121883     |
| RP-56             | RP-120635     | 0603 | -   | Correction to Applicability of Test Case 8.4.1.5 - Measurement Control and Report: Intra-frequency measurement for transition from CELL_DCH to CELL_FACH state (FDD) | F   | 10.0.0          | 10.1.0      | R5-121885     |
| RP-57             | RP-121103     | 0604 | -   | Change some test case version for LCR TDD from Rel-8 to Rel-9 in 34.123-2  | F   | 10.1.0          | 10.2.0      | R5-123192     |
| RP-57             | RP-121102     | 0605 | -   | Removal applicability for ETWS TC 8.1.1.14   | F   | 10.1.0          | 10.2.0      | R5-123198     |
| RP-57             | RP-121103     | 0606 | -   | Adding applicability for new test cases 13.4.4 and 13.4.5  | F   | 10.1.0          | 10.2.0      | R5-123256     |
| RP-57             | RP-121102     | 0607 | -   | Addition of Applicability for new Test Cases for Absolute priority based cell reselection.   | F   | 10.1.0          | 10.2.0      | R5-123359     |
| RP-57             | RP-121102     | 0608 | -   | Modification of title for test case 8.1.1.19   | F   | 10.1.0          | 10.2.0      | R5-123429     |
| RP-57             | RP-121114     | 0609 | -   | Addition of applicability of new UTRAN ANR test cases  | F   | 10.1.0          | 10.2.0      | R5-123468     |
| RP-57             | RP-121102     | 0610 | -   | Correction to the release information of ICS item 'Support for CS Voice over HSPA' of A.18a/30   | F   | 10.1.0          | 10.2.0      | R5-123546     |
| RP-57             | RP-121102     | 0611 | -   | Addition of applicability for test cases 8.1.9d and 8.1.9e   | F   | 10.1.0          | 10.2.0      | R5-123564     |
| RP-57             | RP-121089     | 0612 | -   | Correction to the conditions of C438, C455 and C456 to Void  | F   | 10.1.0          | 10.2.0      | R5-123664     |

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| RP-57             | RP-121115     | 0613 | -   | Applicability of Test Cases 8.2.1.45 and 8.2.2.80  | F   | 10.1.0          | 10.2.0      | R5-123688     |
| RP-57             | RP-121112     | 0614 | -   | Addition of applicability statement for MDT test cases   | F   | 10.1.0          | 10.2.0      | R5-123706     |
| RP-57             | RP-121102     | 0615 | -   | Addition of Applicability for new DC-HSDPA Test Cases  | F   | 10.1.0          | 10.2.0      | R5-123742     |
| RP-58             | RP-121705     | 0616 | -   | Removal of applicability for UTRA TC 6.2.1.10  | F   | 10.2.0          | 10.3.0      | R5-125285     |
| RP-58             | RP-121679     | 0617 | -   | Corrections to applicability table for ANR for UTRAN test cases                                  | F   | 10.2.0          | 10.3.0      | R5-125343     |
| RP-58             | RP-121664     | 0618 | -   | Addition of applicability for new Test Case 8.1.2.27 testing default configuration#23.           | F   | 10.2.0          | 10.3.0      | R5-125418     |
| RP-58             | RP-121664     | 0619 | -   | Correction to the applicability statement for test case 8.3.11.18.                               | F   | 10.2.0          | 10.3.0      | R5-125437     |
| RP-58             | RP-121664     | 0620 | -   | Addition of applicability for new Test Case 8.2.2.84 testing default configuration for Cell_FACH | F   | 10.2.0          | 10.3.0      | R5-125619     |
| RP-58             | RP-121680     | 0621 | -   | Addition of applicability for new Test Case 8.2.1.44   | F   | 10.2.0          | 10.3.0      | R5-125696     |
| RP-58             | RP-121654     | 0622 | -   | Correction to the applicability for test case 8.3.11.15 in TS 34.123-2                           | F   | 10.2.0          | 10.3.0      | R5-125719     |
| RP-58             | RP-121654     | 0623 | -   | Correction to ICS for MB MF Test Cases   | F   | 10.2.0          | 10.3.0      | R5-126015     |
| RP-58             | RP-121664     | 0624 | -   | Correction to ICS for Enhanced FACH test cases   | F   | 10.2.0          | 10.3.0      | R5-126016     |
| RP-59             | RP-130154     | 0625 | -   | Addition of applicability statement for MDT test cases   | F   | 10.3.0          | 10.4.0      | R5-130338     |
| RP-59             | RP-130155     | 0626 | -   | Correction of applicability and ICS for 4C-HSDPA test cases                                      | F   | 10.3.0          | 10.4.0      | R5-130428     |
| RP-59             | RP-130155     | 0627 | -   | Adding new ICS and applicability of new Active set update SHO 4C-HSDPA test cases                | F   | 10.3.0          | 10.4.0      | R5-130434     |
| RP-59             | RP-130154     | 0628 | -   | Addition of applicability of new UTRAN MDT test cases  | F   | 10.3.0          | 10.4.0      | R5-130483     |
| RP-59             | RP-130161     | 0629 | -   | Updating of the FDD/GSM inter-RAT test case table  | F   | 10.3.0          | 10.4.0      | R5-130532     |
| RP-59             | RP-130161     | 0630 | -   | Removal of Applicability of test conditions C449 and C450.                                       | F   | 10.3.0          | 10.4.0      | R5-130536     |
| RP-59             | RP-130161     | 0631 | -   | Removal of PICS item A.20/41   | F   | 10.3.0          | 10.4.0      | R5-130537     |
| RP-59             | RP-130162     | 0632 | -   | Addition of implementation capability for FDD Band 26  | F   | 10.3.0          | 10.4.0      | R5-130611     |
| RP-59             | RP-130143     | 0633 | -   | Clarification to the applicability of Rel-8 Fast Dormancy test cases                             | F   | 10.3.0          | 10.4.0      | R5-130612     |
| RP-59             | RP-130155     | 0634 | -   | Addition of applicability for new Test Case 8.2.2.82   | F   | 10.3.0          | 10.4.0      | R5-130617     |
| RP-59             | RP-130159     | 0635 | -   | Addition of applicability of new NIMTC test cases  | F   | 10.3.0          | 10.4.0      | R5-130719     |
| RP-60             | RP-130625     | 0636 | -   | Addition of testing function   | F   | 10.4.0          | 10.5.0      | R5-131166     |

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|-------------------|---------------|------|-----|--|-----|-----------------|-------------|---------------|
| RP-60             | RP-130605     | 0637 | -   | Addition of UTRA TDD Band Implementation Capabilities to TS 34.123-2   | F   | 10.4.0          | 10.5.0      | R5-131221     |
| RP-60             | RP-130606     | 0638 | -   | Addition 2 new test cases in table 1 in 34.123-2   | F   | 10.4.0          | 10.5.0      | R5-131407     |
| RP-60             | RP-130611     | 0639 | -   | Addition of applicability for new signalling test case for CSG proximity indication  | F   | 10.4.0          | 10.5.0      | R5-131610     |
| RP-60             | RP-130621     | 0640 | -   | Adding applicability of new Radio Bearer Reconfiguration 4C-HSDPA test cases   | F   | 10.4.0          | 10.5.0      | R5-131802     |
| RP-60             | RP-130625     | 0641 | -   | 34.123-2 specification clean-up  | F   | 10.4.0          | 10.5.0      | R5-132014     |
| RP-60             | RP-130624     | 0642 | -   | Update of applicability for NIMTC test cases   | F   | 10.4.0          | 10.5.0      | R5-132025     |
| RP-61             | RP-131102     | 0643 | -   | Correction the contents of c729 and c730 in table 1a   | F   | 10.5.0          | 10.6.0      | R5-133210     |
| RP-61             | RP-131102     | 0645 | -   | HNB test case title changes in applicability table   | F   | 10.5.0          | 10.6.0      | R5-133456     |
| RP-61             | RP-131114     | 0646 | -   | Addition of applicability for RAT release  | F   | 10.5.0          | 10.6.0      | R5-133460     |
| RP-61             | RP-131097     | 0647 | -   | Correction to the case number of 7.2.4.3x  | F   | 10.5.0          | 10.6.0      | R5-133500     |
| RP-61             | RP-131102     | 0648 | -   | Addition of LCR RRC test cases into TS 34.123-2  | F   | 10.5.0          | 10.6.0      | R5-133504     |
| RP-61             | RP-131097     | 0649 | -   | Removal of deleted RRC test cases in TS 34.123-2   | F   | 10.5.0          | 10.6.0      | R5-133507     |
| RP-61             | RP-131114     | 0650 | -   | Addition of applicability for new test case 9.4.3.3a   | F   | 10.5.0          | 10.6.0      | R5-133564     |
| RP-61             | RP-131114     | 0651 | -   | Update of applicability of ANR for UTRAN test cases  | F   | 10.5.0          | 10.6.0      | R5-133570     |
| RP-61             | RP-131114     | 0652 | -   | Addition of applicability for new RRC test cases for combinations of DB-DC-HSDPA with MIMO   | F   | 10.5.0          | 10.6.0      | R5-133574     |
| RP-61             | RP-131100     | 0653 | -   | Applicability of BCCH Mapping on HS-DSCH for Transmitting System Information Change Indication test cases (TC. 8.1.10.2 and 8.1.10.2a) | F   | 10.5.0          | 10.6.0      | R5-133576     |
| RP-61             | RP-131112     | 0654 | -   | Adding applicability of new Radio Bearer 3C HSDPA test cases   | F   | 10.5.0          | 10.6.0      | R5-133643     |
| RP-61             | RP-131112     | 0655 | -   | Addition of applicability for 4C-HSDPA test cases 8.2.2.81.x   | F   | 10.5.0          | 10.6.0      | R5-133644     |
| RP-61             | RP-131099     | 0656 | -   | Update Applicability of UTRA HS7 TC 8.1.7.3c   | F   | 10.5.0          | 10.6.0      | R5-133683     |
| RP-61             | RP-131116     | 0644 | -   | Applicability of new UTRA test cases for eMDT  | F   | 10.6.0          | 11.0.0      | R5-133398     |
| RP-62             | RP-132006     | 0657 | -   | Add missing mnemonic in Table A.20 item 86   | F   | 11.0.0          | 11.1.0      | R5-134096     |
| RP-62             | RP-131875     | 0659 | -   | Update of applicability for ANR for UTRAN test cases   | F   | 11.0.0          | 11.1.0      | R5-134541     |
| RP-62             | RP-131857     | 0660 | -   | Update the L2 LCR test cases   | F   | 11.0.0          | 11.1.0      | R5-134553     |
| RP-62             | RP-131863     | 0661 | -   | Addition of LCR Idle mode test cases   | F   | 11.0.0          | 11.1.0      | R5-134554     |

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| RP-62             | RP-131857     | 0662 | -   | General update to applicability table to make release column consistently specified                             | F   | 11.0.0          | 11.1.0      | R5-134636     |
| RP-62             | RP-131875     | 0663 | -   | Addition of applicability for test case 12.4.1.4f   | F   | 11.0.0          | 11.1.0      | R5-134661     |
| RP-62             | RP-132006     | 0664 | -   | Update to applicability of Rel-8 Fast Dormancy testcases  | F   | 11.0.0          | 11.1.0      | R5-134711     |
| RP-62             | RP-131875     | 0665 | -   | Correction of 4C-HSDPA TC applicability   | F   | 11.0.0          | 11.1.0      | R5-134723     |
| RP-62             | RP-131878     | 0666 | -   | Applicability of new UTRA test cases for eMDT   | F   | 11.0.0          | 11.1.0      | R5-134931     |
| RP-62             | RP-131863     | 0667 | -   | Correction to label in TDD Radio Bearer Capabilities  | F   | 11.0.0          | 11.1.0      | R5-134969     |
| RP-63             | RP-140304     | 0668 | -   | Correction to applicability of testcase 8.2.2.60  | F   | 11.1.0          | 11.2.0      | R5-140595     |
| RP-63             | RP-140306     | 0669 | -   | Update to title for testcases 8.1.9d and 8.1.9e   | F   | 11.1.0          | 11.2.0      | R5-140596     |
| RP-63             | R5-140319     | 0670 | -   | Addition of PICs indication support of extended timers  | F   | 11.1.0          | 11.2.0      | R5-140682     |
| RP-63             | RP-140329     | 0672 | -   | Addition of applicability statements for new SIMTC test cases   | F   | 11.1.0          | 11.2.0      | R5-140954     |
| RP-63             | RP-140308     | 0673 | -   | Correction to A.4.3.3.3 TDD Radio Bearer Capabilities (3.84 Mcps option)  | F   | 11.1.0          | 11.2.0      | R5-140976     |
| RP-63             | RP-140308     | 0674 | -   | Correction to Table 1a: Applicability of tests Conditions   | F   | 11.1.0          | 11.2.0      | R5-140977     |
| RP-63             | RP-140302     | 0675 | -   | Update the applicability of LCR test case   | F   | 11.1.0          | 11.2.0      | R5-140978     |
| RP-63             | RP-140306     | 0676 | -   | Adding applicability for CLIP and CLIR Supplementary Services and NITZ test cases                               | F   | 11.1.0          | 11.2.0      | R5-140987     |
| RP-63             | RP-140306     | 0677 | -   | Adding new Supplementary service test case applicability for TCs 15.8.1, 15.8.2, 15.8.3, 15.8.4, 15.8.6, 15.8.9 | F   | 11.1.0          | 11.2.0      | R5-140989     |
| RP-63             | RP-140306     | 0678 | -   | Applicability for Supplementary service test cases 15.10.x  | F   | 11.1.0          | 11.2.0      | R5-140990     |
| RP-63             | RP-140306     | 0679 | -   | Addition of Applicability for new Call Hold test cases  | F   | 11.1.0          | 11.2.0      | R5-140991     |
| RP-63             | RP-140306     | 0680 | -   | Addition of Applicability for new MultiParty test cases   | F   | 11.1.0          | 11.2.0      | R5-140992     |
| RP-63             | RP-140306     | 0681 | -   | Applicability for Supplementary service test cases 15.9.1, 15.9.3, 15.9.6                                       | F   | 11.1.0          | 11.2.0      | R5-140993     |
| RP-63             | RP-140306     | 0683 | -   | Removal of unused applicability conditions  | F   | 11.1.0          | 11.2.0      | R5-140995     |
| RP-63             | RP-140306     | 0684 | -   | Addition of applicability statements for new Call Forwarding test cases   | F   | 11.1.0          | 11.2.0      | R5-140996     |
| RP-63             | RP-140306     | 0685 | -   | Addition of applicability for Supplementary service CNAP test cases   | F   | 11.1.0          | 11.2.0      | R5-141119     |
| RP-63             | RP-140329     | 0671 | -   | Applicability of new UTRA test cases for SIMTC  | F   | 11.1.0          | 11.2.0      | R5-141137     |
| RP-63             | RP-140306     | 0682 | -   | Addition of applicability statements for new Supplementary Services Call Waiting tests                          | F   | 11.1.0          | 11.2.0      | R5-141139     |

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| RP-64             | RP-140812     | 0686 | -   | Addition of Applicability for new MultiParty test cases  | F   | 11.2.0          | 11.3.0      | R5-142088     |
| RP-64             | RP-140812     | 0687 | -   | Update of SS test case Applicability conditions  | F   | 11.2.0          | 11.3.0      | R5-142090     |
| RP-64             | RP-140817     | 0688 | -   | Correction to the Applicability condition of test case 12.4.3.2a   | F   | 11.2.0          | 11.3.0      | R5-142091     |
| RP-64             | RP-140812     | 0689 | -   | Add missing mnemonic for SS/NITZ   | F   | 11.2.0          | 11.3.0      | R5-142246     |
| RP-64             | RP-140812     | 0690 | -   | Adding test case applicability for new supplementary service test case 15.8.5                              | F   | 11.2.0          | 11.3.0      | R5-142273     |
| RP-64             | RP-140812     | 0691 | -   | Adding test case applicability for new supplementary service test case 15.8.7.                             | F   | 11.2.0          | 11.3.0      | R5-142274     |
| RP-64             | RP-140812     | 0692 | -   | Adding test case applicability for new supplementary service test case 15.8.8.                             | F   | 11.2.0          | 11.3.0      | R5-142277     |
| RP-64             | RP-140812     | 0693 | -   | Addition and updates of applicability statements for Call Forwarding test cases                            | F   | 11.2.0          | 11.3.0      | R5-142482     |
| RP-64             | RP-140812     | 0694 | -   | Addition of applicability statements for new Supplementary Services Call Waiting tests                     | F   | 11.2.0          | 11.3.0      | R5-142554     |
| RP-64             | RP-140815     | 0695 | -   | Addition of new ICS item for CSG proximity test  | F   | 11.2.0          | 11.3.0      | R5-142587     |
| RP-64             | RP-140812     | 0696 | -   | Correction to applicability for TCs 15.8.2 and 15.8.3  | F   | 11.2.0          | 11.3.0      | R5-142720     |
| RP-64             | RP-140812     | 0697 | -   | Correction of applicability conditions for UTRA NITZ test cases  | F   | 11.2.0          | 11.3.0      | R5-142732     |
| RP-64             | RP-140809     | 0698 | -   | Adding applicability for new TCs A5/4 and GEA/4  | F   | 11.2.0          | 11.3.0      | R5-142837     |
| RP-64             | RP-140812     | 0699 | -   | Applicability for Supplementary service test cases 15.9.2, 15.9.4, 15.9.5                                  | F   | 11.2.0          | 11.3.0      | R5-142838     |
| RP-64             | RP-140837     | 0700 | -   | Update of Applicability of SIMTC test cases  | F   | 11.2.0          | 11.3.0      | R5-142839     |
| RP-64             | RP-140836     | 0701 | -   | Adding new ICS and applicability of newly added Multiflow HSDPA Test Cases 8.2.1.45, 8.2.2.85 and 8.2.2.88 | F   | 11.2.0          | 11.3.0      | R5-142947     |
| RP-64             | RP-140812     | 0702 | -   | Update Applicability Table for test case 6.3.3.1   | F   | 11.2.0          | 11.3.0      | R5-142971     |
| RP-64             | RP-140837     | 0703 | -   | Addition of applicability for SIMTC Test Case 11.1.1.4   | F   | 11.2.0          | 11.3.0      | R5-142972     |
| RP-65             | RP-141573     | 0704 | -   | Correction to various mnemonic names   | F   | 11.3.0          | 11.4.0      | R5-144225     |
| RP-65             | RP-141593     | 0705 | -   | Add mnemonics for the different UE power classes   | F   | 11.3.0          | 11.4.0      | R5-144227     |
| RP-65             | RP-141567     | 0706 | -   | Correction of applicability for test case 9.5.7.2  | F   | 11.3.0          | 11.4.0      | R5-144234     |
| RP-65             | RP-141569     | 0707 | -   | Updating Release applicability and comments for GEA4 and UEA2/UIA2 TCs                                     | F   | 11.3.0          | 11.4.0      | R5-144305     |
| RP-65             | RP-141570     | 0708 | -   | Correction to the applicability of Rel-8 Fast dormancy testcase 8.1.9d                                     | F   | 11.3.0          | 11.4.0      | R5-144440     |
| RP-65             | RP-141570     | 0709 | -   | Corrections to the applicability of test case 15.2.1   | F   | 11.3.0          | 11.4.0      | R5-144462     |

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| RP-65             | RP-141593     | 0710 | -   | Correction to the test case 12.4.2.3c  | F   | 11.3.0          | 11.4.0      | R5-144540     |
| RP-65             | RP-141568     | 0711 | -   | Correction to the applicability of Rel-5 test case 11.1.1.1a   | F   | 11.3.0          | 11.4.0      | R5-144638     |
| RP-65             | RP-141593     | 0712 | -   | Editorial correction to 34.123-2 table A.18a   | F   | 11.3.0          | 11.4.0      | R5-144639     |
| RP-65             | RP-141591     | 0713 | -   | Applicability of New Further Enhancement to CELL_FACH test cases   | F   | 11.3.0          | 11.4.0      | R5-144705     |
| RP-65             | RP-141592     | 0714 | -   | Adding applicability of newly added Multiflow HSDPA Test Cases 7.2.5.4, 7.2.5.5, 8.2.1.46.1, 8.2.1.46.2 and 8.2.1.46.3 | F   | 11.3.0          | 11.4.0      | R5-144723     |
| RP-65             | RP-141592     | 0715 | -   | Addition of applicability for newly added Multiflow HSDPA Test Cases   | F   | 11.3.0          | 11.4.0      | R5-144773     |
| RP-66             | RP-142053     | 0716 | -   | Corrections to applicability of test case 15.8.7   | F   | 11.4.0          | 11.5.0      | R5-145087     |
| RP-66             | RP-142053     | 0717 | -   | Corrections to applicability of test case 15.9.2   | F   | 11.4.0          | 11.5.0      | R5-145088     |
| RP-66             | RP-142053     | 0718 | -   | Corrections to applicability conditions of NITZ test case  | F   | 11.4.0          | 11.5.0      | R5-145089     |
| RP-66             | RP-142053     | 0719 | -   | Remove Applicability of Test Case 6.3.3.2  | F   | 11.4.0          | 11.5.0      | R5-145218     |
| RP-66             | RP-142053     | 0720 | -   | Correction to applicability of Enhanced CELL_FACH test cases   | F   | 11.4.0          | 11.5.0      | R5-145454     |
| RP-66             | RP-142053     | 0721 | -   | Change of release information for Feature pc_EUTRA   | F   | 11.4.0          | 11.5.0      | R5-145519     |
| RP-66             | RP-142072     | 0722 | -   | Corrections in the Multiflow test case names   | F   | 11.4.0          | 11.5.0      | R5-145642     |
| RP-66             | RP-142053     | 0723 | -   | Corrections to applicability of test case 15.8.4   | F   | 11.4.0          | 11.5.0      | R5-145652     |
| RP-66             | RP-142058     | 0724 | -   | New ICS statement for DB-DC-HSDPA band configuration 4 (I&X) and 5 (II&V)  | F   | 11.4.0          | 11.5.0      | R5-145653     |
| RP-67             | RP-150321     | 0725 | -   | Corrections to title in applicability table for test case 8.2.2.63a  | F   | 11.5.0          | 11.6.0      | R5-150148     |
| RP-67             | RP-150339     | 0726 | -   | Adding applicability for new test cases 8.2.2.85.2   | F   | 11.5.0          | 11.6.0      | R5-150494     |
| RP-67             | RP-150321     | 0727 | -   | Correction of test case 8.1.7.3  | F   | 11.5.0          | 11.6.0      | R5-150502     |
| RP-67             | RP-150339     | 0728 | -   | Addition of new MAC-ehs and RLC test cases for Multiflow   | F   | 11.5.0          | 11.6.0      | R5-150549     |
| RP-67             | RP-150320     | 0729 | -   | Correction to the applicability condition for the Test cases 11.1.1.1 and 12.2.1.5a                                    | F   | 11.5.0          | 11.6.0      | R5-150639     |
| RP-67             | RP-150320     | 0730 | -   | Correction to the applicability condition for the Test case 12.2.1.11  | F   | 11.5.0          | 11.6.0      | R5-150640     |
| RP-67             | RP-150325     | 0731 | -   | Correction of applicability condition for IMS Emergency test cases 13.4.1 to 13.4.5                                    | F   | 11.5.0          | 11.6.0      | R5-150641     |
| RP-67             | RP-150322     | 0732 | -   | Update to GMM Test case 12.3.1.10 applicability condition  | F   | 11.5.0          | 11.6.0      | R5-150642     |
| RP-67             | RP-150339     | 0733 | -   | Remove Multiflow RLC test case 7.2.5.5   | F   | 11.5.0          | 11.6.0      | R5-150726     |

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| RP-68             | RP-150899     | 0736 | 1   | Correction to conditions C647a and C731a for Further Enhanced CELL_FACH test cases   | F   | 11.6.0          | 11.7.0      | R5-151723     |
| RP-68             | RP-150899     | 0740 | 1   | Add Applicability for New FE-FACH Test Cases 8.3.1.1d, 8.3.1.1e and 8.3.1.1f   | F   | 11.6.0          | 11.7.0      | R5-151728     |
| RP-68             | RP-150881     | 0734 | 1   | [PTCO] Correction to applicability of R99 RAB test cases   | F   | 11.6.0          | 11.7.0      | R5-152065     |
| RP-68             | RP-150883     | 0737 | 1   | Corrections to the applicability of DC-HSDPA test cases  | F   | 11.6.0          | 11.7.0      | R5-152066     |
| RP-68             | RP-150905     | 0735 | 1   | Addition of frequency for UTRA band 32   | F   | 11.7.0          | 12.0.0      | R5-151965     |
| RP-68             | RP-150904     | 0739 | 1   | Add Applicability for New DCH Enhancement Test Case 8.2.2.89   | F   | 11.7.0          | 12.0.0      | R5-152069     |
| RP-69             | RP-151411     | 0742 | -   | VOID Applicability of TC 8.1.2.27  | F   | 12.0.0          | 12.1.0      | R5-153155     |
| RP-69             | RP-151425     | 0743 | -   | Add Applicability for New DCH Enhancement Test Case 8.2.2.90, 8.2.2.91 and 8.2.2.92  | F   | 12.0.0          | 12.1.0      | R5-153209     |
| RP-69             | RP-151420     | 0744 | -   | Correction to Applicability for FE-FACH Test Cases 8.3.1.1d, 8.3.1.1e and 8.3.1.1f   | F   | 12.0.0          | 12.1.0      | R5-153275     |
| RP-69             | RP-151435     | 0747 | 1   | Clarification of ICS for F-DPCH support with HS  | F   | 12.0.0          | 12.1.0      | R5-153710     |
| RP-69             | RP-151424     | 0745 | 2   | Addition of applicability of new UTRAN-WLAN interworking test cases  | F   | 12.0.0          | 12.1.0      | R5-153774     |
| RP-69             | -             | -    | -   | update of the "non-specific references" in section 2 according to the approved R5-153582 and an action point on ETSI MCC     | -   | 12.0.0          | 12.1.0      | -             |
| RP-70             | RP-151681     | 0752 | -   | Correction to test condition for UTRAN/GERAN idle mode test cases  | F   | 12.1.0          | 12.2.0      | R5-155627     |
| RP-70             | RP-151701     | 0756 | -   | Correction to the applicability conditions C919, C920 and C921   | F   | 12.1.0          | 12.2.0      | R5-155767     |
| RP-70             | RP-151711     | 0754 | 1   | Addition of applicability statements for new UEPCOP test case  | F   | 12.1.0          | 12.2.0      | R5-155957     |
| RP-70             | RP-151681     | 0757 | -   | Change of applicability and change of number of test executions for test case 8.1.5.7  | F   | 12.1.0          | 12.2.0      | R5-155976     |
| RP-70             | RP-151702     | 0750 | 1   | Update Applicability for DCH Enhancement Test Cases  | F   | 12.1.0          | 12.2.0      | R5-155977     |
| RP-71             | RP-160117     | 0758 | -   | Correction to applicability condition C641, C881, C882 and C884.   | F   | 12.2.0          | 12.3.0      | R5-160123     |
| RP-71             | RP-160117     | 0759 | -   | Corrections to test case title of 15.4.8   | F   | 12.2.0          | 12.3.0      | R5-160205     |
| RP-71             | RP-160099     | 0761 | -   | Applicability of Newly Added 3GPP/WLAN test cases for UTRAN  | F   | 12.2.0          | 12.3.0      | R5-160309     |
| RP-71             | RP-160108     | 0762 | -   | Addition of applicability statements for new UEPCOP test cases   | F   | 12.2.0          | 12.3.0      | R5-160431     |
| RP-71             | RP-160115     | 0760 | 1   | Editorial update of UTRAN PICS Mnemonics   | F   | 12.2.0          | 12.3.0      | R5-160729     |
| RP-71             | RP-160099     | 0763 | 1   | Merge of WLAN identifier does not match test cases into related test cases   | F   | 12.2.0          | 12.3.0      | R5-161089     |
| RP-72             | RP-160845     | 0768 | -   | Corrections to applicability of test conditions of Rel8 test cases for Absolute Priority based cell reselection in CELL_FACH | F   | 12.3.0          | 12.4.0      | R5-162425     |

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|-------------------|---------------|------|-----|---|-----|-----------------|-------------|---------------|
| RP-72             | RP-160857     | 0769 | -   | Corrections to applicability of test conditions of Rel11 test cases for Absolute Priority based cell reselection in CELL_FACH                             | F   | 12.3.0          | 12.4.0      | R5-162426     |
| RP-72             | RP-160856     | 0764 | 1   | Editorial correction of UTRAN PICS Mnemonics  | F   | 12.3.0          | 12.4.0      | R5-162762     |
| RP-72             | RP-160844     | 0767 | 1   | Removal of applicability of test case 8.2.6.22  | F   | 12.3.0          | 12.4.0      | R5-162763     |
| RP-73             | RP-161438     | 0771 | 1   | Corrections to applicability of test conditions of Rel11 test cases 8.3.1.1d,8.3.1.1e,8.3.1.1f for Absolute Priority based cell reselection in CELL_FACH. | F   | 12.4.0          | 12.5.0      | R5-165888     |
| RP-73             | RP-161426     | 0775 | -   | Correction of incorrect information in Table 1a, Table A.18a.1a and Table A.18.1b.a.  | F   | 12.4.0          | 12.5.0      | R5-165889     |
| RP-73             | RP-161439     | 0772 | 1   | Cleanup of 34.123-2 for XML conversion  | F   | 12.4.0          | 12.5.0      | R5-166291     |
| RP-74             | RP-162288     | 0776 | -   | Editorial Correction to Pics declaration  | F   | 12.5.0          | 12.6.0      | R5-168723     |
| RP-75             | RP-170095     | 0777 | 1   | Correction to applicability of UTRA SS test cases 15.9.1, 15.9.2, 15.9.3, 15.9.4 & 15.9.6   | F   | 12.6.0          | 12.7.0      | R5-171403     |
| RP-75             | -             | -    | -   | Administrative release upgrade to match the release of 3GPP TS 34.121-1 which was upgraded at RAN#74 to Rel-14 due to Rel-14 relevant CR(s)               | -   | 12.7.0          | 13.0.0      | -             |
| RP-75             | -             | -    | -   | Administrative release upgrade to match the release of 3GPP TS 34.121-1 which was upgraded at RAN#74 to Rel-14 due to Rel-14 relevant CR(s)               | -   | 13.0.0          | 14.0.0      | -             |
| RP-77             | RP-171688     | 0781 | -   | Correction to applicability condition c01b  | F   | 14.0.0          | 14.1.0      | R5-173876     |
| RP-77             | RP-171674     | 0778 | 1   | Update test applicability statement for R14 QMC   | F   | 14.0.0          | 14.1.0      | R5-174589     |
| RP-77             | RP-171682     | 0782 | 1   | Addition of applicability for new eDECOR test cases   | F   | 14.0.0          | 14.1.0      | R5-174592     |
| RP-77             | RP-171687     | 0783 | 1   | Adding note to test case applicability for UTRAN test cases with REJECT   | F   | 14.0.0          | 14.1.0      | R5-174699     |
| RP-78             | RP-172214     | 0785 | -   | Addition of test applicability statements for R14 QMC   | F   | 14.1.0          | 14.2.0      | R5-176198     |
| RP-78             | RP-172232     | 0786 | -   | Correction to applicability of NAS test case 9.4.3.3  | F   | 14.1.0          | 14.2.0      | R5-176398     |
| RP-79             | RP-180086     | 0788 | -   | Update test applicability statements for R14 QMC Streaming WI   | F   | 14.2.0          | 14.3.0      | R5-180608     |
| RP-80             | RP-180719     | 0789 | -   | Correction to "Applicability Test table" to remove Note 3.  | F   | 14.3.0          | 14.4.0      | R5-182578     |
| RP-80             | -             | -    | -   | administratively upgraded to Rel-15 with no change  | -   | 14.4.0          | 15.0.0      | -             |
| RP-83             | RP-190090     | 0791 | 1   | Change in applicability of test cases which do not require SIM  | F   | 15.0.0          | 15.1.0      | R5-192711     |
| RP-84             | RP-190886     | 0792 | -   | Applicability update of condition C924  | F   | 15.1.0          | 15.2.0      | R5-193822     |
| RP-95             | RP-220120     | 0794 | -   | Correction Ref. of Table A.18b/10   | F   | 15.2.0          | 15.3.0      | R5-220665     |
| RP-95             | RP-220120     | 0793 | 1   | Update applicability of TC 9.5.2 and 9.5.6  | F   | 15.2.0          | 15.3.0      | R5-222020     |
| RP-99             | RP-230244     | 0796 | -   | Correction of applicability for GEA2 TC 8.3.11.1 and 8.3.11.1a  | F   | 15.3.0          | 15.4.0      | R5-230734     |
| RP-100            | RP-231688     | 0799 | -   | Correction of Annex A   | F   | 15.4.0          | 15.5.0      | R5-235274     |



| Meeting-1st-Level | Doc-1st-Level | CR   | Rev | Subject                              | Cat | Version-Current | Version-New | Doc-2nd-Level |
|-------------------|---------------|------|-----|--------------------------------------|-----|-----------------|-------------|---------------|
| RP-100            | RP-231690     | 0798 | 2   | Editorial updates to 34.123-2 tables | F   | 15.4.0          | 15.5.0      | R5-235477     |

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# History

| <b>Document history</b> |              |             |
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