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Technical Specification

**Universal Mobile Telecommunications System (UMTS);
User Equipment (UE) conformance specification;
Part 2: Implementation conformance
statement (ICS) specification
(3GPP TS 34.123-2 version 5.6.0 Release 5)**



Reference

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Contents

| | |
|---|------------|
| Intellectual Property Rights | 2 |
| Foreword..... | 2 |
| Foreword..... | 4 |
| Introduction | 4 |
| 1 Scope | 5 |
| 2 References | 5 |
| 3 Definitions and abbreviations..... | 7 |
| 3.1 Definitions | 7 |
| 3.2 Abbreviations | 7 |
| 4 Recommended test case applicability..... | 8 |
| Annex A (normative): ICS proforma for 3rd Generation User Equipment | 60 |
| A.1 Guidance for completing the ICS proforma | 60 |
| A.1.1 Purposes and structure..... | 60 |
| A.1.2 Abbreviations and conventions | 60 |
| A.1.3 Instructions for completing the ICS proforma..... | 61 |
| A.2 Identification of the User Equipment | 61 |
| A.2.1 Date of the statement | 61 |
| A.2.2 User Equipment Under Test (UEUT) identification..... | 61 |
| A.2.3 Product supplier..... | 62 |
| A.2.4 Client | 62 |
| A.2.5 ICS contact person..... | 63 |
| A.3 Identification of the protocol..... | 63 |
| A.4 ICS proforma tables..... | 63 |
| A.4.1 UE Implementation Types..... | 63 |
| A.4.2 UE Service Capabilities | 64 |
| A.4.2.1 3GPP Standardised UE Service Capabilities | 64 |
| A.4.2.1.1 Teleservices..... | 64 |
| A.4.2.1.2 Bearer Services | 64 |
| A.4.2.1.3 Supplementary Services | 66 |
| A.4.2.1.4 Service Capabilities..... | 66 |
| A.4.2.1.5 GSM System Features..... | 67 |
| A.4.2.2 Other UE Service Capabilities | 67 |
| A.4.3 Baseline Implementation Capabilities | 67 |
| A.4.3.1 Baseline Implementation Capabilities to facilitate Conformance testing | 67 |
| A.4.3.2 RF Baseline Implementation Capabilities..... | 68 |
| A.4.3.3 Physical Layer Baseline Implementation Capabilities..... | 69 |
| A.4.3.3.1 FDD Interoperability Radio Bearer Capabilities..... | 70 |
| A.4.3.3.2 TDD Radio Bearer Capabilities (1.28 Mcps option)..... | 106 |
| A.4.3.4 Layer 2/3 Baseline Implementation Capabilities (access stratum) | 136 |
| A.4.4 Additional information | 137 |
| Annex B (informative): Void | 139 |
| Annex C (informative): Change history | 140 |
| History | 144 |

Foreword

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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).

1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for 3rd 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 Release 1999, 3GPP Release 4 or 3GPP Release 5.

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.
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- 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.
 - 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.

- [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 Timezone (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 Ressource 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: "Terminal Conformance Specification, Radio transmission and reception (FDD)".
- [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)".

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.

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
- N/A not applicable - in the given context, the test case is not recommended.
- C_i 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.

Comments

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

Table 1: Applicability of tests

| Clause | Title | Release | Applicability | Comments |
|------------------|---|---------|---------------|---------------------------------------|
| IDLE MODE | | | | |
| 6.1.1.1 | PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode | R99 | C104 | UEs supporting FDD and PLMN selection |
| | | | C209 | UEs supporting TDD and PLMN selection |
| 6.1.1.2 | PLMN selection of "Other PLMN / access technology combinations"; Manual mode | R99 | C104 | UEs supporting FDD and PLMN selection |
| | | | C209 | UEs supporting TDD and PLMN selection |
| 6.1.1.3 | PLMN selection; independence of RF level and preferred PLMN; Manual mode | R99 | C104 | UEs supporting FDD and PLMN selection |
| | | | C209 | UEs supporting TDD and PLMN selection |
| 6.1.1.4 | PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Automatic mode | R99 | C104 | UEs supporting FDD and PLMN selection |
| | | | C209 | UEs supporting TDD and PLMN selection |
| 6.1.1.5 | PLMN selection of "Other PLMN / access technology combinations"; Automatic mode | R99 | C104 | UEs supporting FDD and PLMN selection |
| | | | C209 | UEs supporting TDD and PLMN selection |

| Clause | Title | Release | Applicability | Comments |
|----------------|--|---------|---------------|---|
| 6.1.1.7 | Cell reselection of ePLMN in manual mode | R99 | C01 | UEs supporting FDD |
| 6.1.2.1 | Cell reselection | R99 | C01 | UEs supporting FDD |
| | | | C02 | UEs supporting TDD |
| 6.1.2.2 | Cell reselection using Qhyst, Qoffset and Treselection | R99 | C01 | UEs supporting FDD |
| | | | C02 | UEs supporting TDD |
| 6.1.2.3 | HCS cell reselection | R99 | C01 | UEs supporting FDD |
| | | | C02 | UEs supporting TDD |
| 6.1.2.4 | HCS cell reselection using reselection timing parameters for the H criterion | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting TDD |
| 6.1.2.5 | HCS Cell reselection using reselection timing parameters for the R criterion | R99 | C01 | UEs supporting FDD |
| | | | C02 | UEs supporting TDD |
| 6.1.2.6 | Emergency calls | R99 | C04 | UEs supporting FDD and emergency speech call |
| | | | C208 | UEs supporting TDD and emergency speech call |
| 6.1.2.7 | Emergency calls; Intra-frequency cell "Not allowed" | R99 | C106 | UEs supporting FDD and speech and emergency speech call |
| | | | C210 | UEs supporting TDD and speech and emergency speech call |
| 6.1.2.8 | Cell reselection: Equivalent PLMN | R99 | C01 | UEs supporting FDD |
| | | | C02 | UEs supporting TDD |
| 6.1.2.9 | Cell reselection using cell status and cell reservations | R99 | C01 | UEs supporting FDD |
| | | | C02 | UEs supporting TDD |
| 6.2.1.1 | Selection of the correct PLMN and associated RAT | R99 | C105 | UEs supporting FDD and GSM and PLMN selection |
| | | | C50 | UEs supporting TDD and GSM and PLMN selection |
| 6.2.1.2 | Selection of RAT for HPLMN; Manual mode | R99 | C105 | UEs supporting FDD and GSM and PLMN selection |
| | | | C50 | UEs supporting TDD and GSM and PLMN selection |
| 6.2.1.3 | Selection of RAT for UPLMN; Manual mode | R99 | C105 | UEs supporting FDD and GSM and PLMN selection |
| | | | C50 | UEs supporting TDD and GSM and PLMN selection |
| 6.2.1.4 | Selection of RAT for OPLMN; Manual mode | R99 | C105 | UEs supporting FDD and GSM and PLMN selection |
| | | | C50 | UEs supporting TDD and GSM and PLMN selection |
| 6.2.1.5 | Selection of "Other PLMN / access technology combinations"; Manual mode | R99 | C105 | UEs supporting FDD and GSM and PLMN selection |
| | | | C50 | UEs supporting TDD and GSM and PLMN selection |
| 6.2.1.6 | Selection of RAT for HPLMN; Automatic mode | R99 | C105 | UEs supporting FDD and GSM and PLMN selection |
| | | | C50 | UEs supporting TDD and GSM and PLMN selection |
| 6.2.1.7 | Selection of RAT for UPLMN; Automatic mode | R99 | C105 | UEs supporting FDD and GSM and PLMN selection |
| | | | C50 | UEs supporting TDD and GSM and PLMN selection |
| 6.2.1.8 | Selection of RAT for OPLMN; Automatic mode | R99 | C105 | UEs supporting FDD and GSM and PLMN selection |
| | | | C50 | UEs supporting TDD and GSM and PLMN selection |
| 6.2.1.9 | Selection of "Other PLMN / access technology combinations"; Automatic mode | R99 | C105 | UEs supporting FDD and GSM and PLMN selection |
| | | | C50 | UEs supporting TDD and GSM and PLMN selection |
| 6.2.2.1 | Cell reselection if cell becomes barred or S<0; UTRAN to GSM | R99 | C05 | UEs supporting FDD and GSM |
| | | | C56 | UEs supporting TDD and GSM |
| 6.2.2.2 | Cell reselection if cell becomes barred or C1<0; GSM to; UTRAN | R99 | C05 | UEs supporting FDD and GSM |
| | | | C56 | UEs supporting TDD and GSM |
| 6.2.2.3 | Cell reselection timings; GSM to UTRAN | R99 | C05 | UEs supporting FDD and GSM |
| | | | C56 | UEs supporting TDD and GSM |
| LAYER 2 | | | | |
| 7.1.1.1 | CCCH mapped to RACH/FACH / Invalid TCTF | R99 | R | All UEs |
| 7.1.1.2 | DTCH or DCCH mapped to RACH/FACH / Invalid TCTF | R99 | R | All UEs |

| Clause | Title | Release | Applicability | Comments |
|-----------|--|---------|---------------|---|
| 7.1.1.3 | DTCH or DCCH mapped to RACH/FACH / Invalid C/T Field | R99 | R | All UEs |
| 7.1.1.4 | DTCH or DCCH mapped to RACH/FACH / Invalid UE ID Type Field | R99 | R | All UEs |
| 7.1.1.5 | DTCH or DCCH mapped to RACH/FACH / Incorrect UE ID | R99 | R | All UEs |
| 7.1.1.6 | DTCH or DCCH mapped to DSCH or USCH | R99 | C67 | UEs supporting PDSCH and/or PUSCH |
| 7.1.1.7 | DTCH or DCCH mapped to CPCH | R99 | C66 | UEs supporting PCPCH |
| 7.1.1.8 | DTCH or DCCH mapped to DCH / Invalid C/T Field | R99 | R | All UEs |
| 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 | Selection and control of Power Level (1.28 Mcps TDD option) | Rel-4 | C03 | UEs supporting 1.28 Mcps TDD (LCR TDD) |
| 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 | Correct application of Dynamic Persistence (1.28 TDD Mcps option) | Rel-4 | C03 | UEs supporting 1.28 Mcps TDD (LCR TDD) |
| 7.1.2.3.1 | Correct Selection of RACH parameters (FDD) | R99 | C01 | UEs supporting FDD |
| 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 | R | All UEs |
| 7.1.2.5 | Void | | | |
| 7.1.3.1 | Priority handling between data flows of one UE | R99 | R | All UEs |
| 7.1.4.1 | Control of CPCH transmissions for FDD | R99 | C66 | UEs supporting PCPCH |
| 7.2.1.1 | RLC testing / Transparent mode / Segmentation and reassembly | R99 | R | All UEs |
| 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 |
| 7.2.2.4 | UM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / LI = 0 | R99 | R | All UEs |
| 7.2.2.5 | UM RLC / Reassembly / 7-bit "Length Indicators" / Invalid LI value | R99 | R | All UEs |
| 7.2.2.6 | UM RLC / Reassembly / 7-bit "Length Indicators" / LI value > PDU | R99 | R | All UEs |
| 7.2.2.7 | UM RLC / Reassembly / 7-bit "Length Indicators" / First data octet LI | R99 | R | All UEs |
| 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 |
| 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 |
| 7.2.3.2 | 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 | R99 | R | All UEs |
| 7.2.3.4 | AM RLC / Segmentation and Reassembly / 7-bit "Length Indicators" / LI = 0 | R99 | R | All UEs |
| 7.2.3.5 | AM RLC / Reassembly / 7-bit "Length Indicators" / Reserved LI value | R99 | R | All UEs |
| 7.2.3.6 | AM RLC / Reassembly/ 7-bit "Length Indicators" / LI value > PDU | R99 | R | All UEs |
| 7.2.3.7 | AM RLC / Segmentation and Reassembly / 15-bit "Length Indicators" / Padding or Piggy-backed Status | R99 | R | All UEs |

| Clause | Title | Release | Applicability | Comments |
|-----------|---|---------|---------------|---|
| 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 |
| 7.2.3.13 | AM RLC / Control of Transmit Window | R99 | C367 | UEs supporting either RLC SDU Buffering OR RLC SDU Discard |
| 7.2.3.14 | AM RLC / Control of Receive Window | R99 | R | All UEs |
| 7.2.3.15 | AM RLC / Polling for status / Last PDU in transmission queue | R99 | R | All UEs |
| 7.2.3.16 | AM RLC / Polling for status / Last PDU in retransmission queue | R99 | R | All UEs |
| 7.2.3.17 | AM RLC / Polling for status / Poll every Poll_PU PDUs | R99 | R | All UEs |
| 7.2.3.18 | AM RLC / Polling for status / Poll every Poll_SDU SDUs | R99 | R | All UEs |
| 7.2.3.19 | AM RLC / Polling for status / Timer triggered polling (Timer_Poll_Periodic) | R99 | R | All UEs |
| 7.2.3.20 | AM RLC / Polling for status / Polling on Poll_Window% of transmission window | R99 | R | All UEs |
| 7.2.3.21 | AM RLC / Polling for status / Operation of Timer_Poll timer / Timer expiry | R99 | R | All UEs |
| 7.2.3.22 | AM RLC / Polling for status / Operation of Timer_Poll timer / Stopping Timer_Poll timer | R99 | R | All UEs |
| 7.2.3.23 | AM RLC / Polling for status / Operation of Timer_Poll timer / Restart of the Timer_Poll timer | R99 | R | All UEs |
| 7.2.3.24 | AM RLC / Polling for status / Operation of timer Timer_Poll_Prohibit | R99 | R | All UEs |
| 7.2.3.25 | AM RLC / Receiver Status Triggers / Detection of missing PUs | R99 | R | All UEs |
| 7.2.3.26 | AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Periodic | R99 | R | All UEs |
| 7.2.3.27 | AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Prohibit | R99 | R | All UEs |
| 7.2.3.28 | AM RLC / Status reporting / Abnormal conditions / Reception of LIST SUFI with Length set to zero | R99 | R | All UEs |
| 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 |
| 7.2.3.33 | AM RLC / Operation of the RLC Reset procedure / UE Originated | R99 | R | All UEs |
| 7.2.3.34 | AM RLC / Operation of the RLC Reset procedure / UE Terminated | R99 | R | All UEs |
| 7.2.3.35 | AM RLC / Reconfiguration of RLC parameters by upper layers | R99 | R | All UEs |
| 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 |

| Clause | Title | Release | Applicability | Comments |
|-------------------------------|--|---------|---------------|--|
| 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 |
| 7.4.2.1 | 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 |
| RADIO RESOURCE CONTROL | | | | |
| 8.1.1.1 | RRC / Paging for Connection in idle mode | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.1.1.4 | RRC / Paging for notification of BCCH modification in idle mode | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.1.1.7 | RRC / Paging for Connection in connected mode (CELL_DCH) | R99 | C90 | UEs supporting FDD and PS domain services and CS domain services. |
| | | | C91 | UEs supporting 3.84 Mcps TDD option or 1.28 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 | C90 | UEs supporting FDD and PS domain services and CS domain services. |
| | | | C91 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and PS domain services and CS domain services. |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|---|
| 8.1.1.9 | RRC / Paging for Connection in idle mode (multiple paging records) | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.1.2.1 | RRC / RRC Connection Establishment in CELL_DCH state: Success | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.1.2.2 | RRC / RRC Connection Establishment: Success after T300 timeout | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.1.2.3 | RRC / RRC Connection Establishment: Failure (V300 is greater than N300) | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.1.2.4 | RRC / RRC Connection Establishment: Reject ("wait time" is not equal to 0) | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| 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. |
| 8.1.2.7 | RRC / RRC Connection Establishment in CELL_FACH state: Success | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.1.2.10 | RRC / RRC connection establishment in CELL_DCH on another frequency | R99 | C01 | UEs supporting FDD. |
| 8.1.2.11 | RRC Connection Establishment in FACH state (Frequency band modification): Success | R99 | C01 | UEs supporting FDD. |
| 8.1.3.1 | RRC / RRC Connection Release in CELL_DCH state: Successful | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| 8.1.3.3 | RRC / RRC Connection Release using on CCCH in CELL_FACH state: Failure | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.1.3.4 | RRC / RRC Connection Release in CELL_FACH state: Failure | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.1.3.5 | RRC / RRC Connection Release in CELL_FACH state: Invalid message | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.1.3.6 | RRC / RRC Connection Release in CELL_DCH state (Frequency band modification): Success | R99 | C01 | UEs supporting FDD. |
| 8.1.3.7 | RRC Connection Release in CELL_FACH state (Frequency band 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 | C01 | UEs supporting FDD. |
| 8.1.5.1 | RRC / UE Capability in CELL_DCH state: Success | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| 8.1.5.3 | RRC / UE Capability in CELL_DCH state: Failure (After N304 re-transmissions) | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|--|
| 8.1.5.4 | RRC / UE Capability in CELL_FACH state: 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 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 and supporting PS bearer service. |
| 8.1.6.1 | Direct Transfer in CELL_DCH 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. |
| 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. |
| 8.1.6.3 | Measurement Report on INITIAL DIRECTTRANSFER message and UPLINK DIRECT TRANSFER message | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |
| 8.1.6.4 | UPLINK Direct Transfer (RLC re-establishment) | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |
| 8.1.7.1 | RRC / Security mode control in CELL_DCH state | R99 | C356 | UEs supporting FDD and supporting CS bearer service. |
| | | | 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 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 | C90 | UEs supporting FDD and PS domain services and CS domain services. |
| | | | C91 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.1.8.1 | Counter check in CELL_DCH state, with symmetrical RAB | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option 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 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| 8.1.10.1 | Dynamic change of segmentation, concatenation & scheduling and handling of unsupported information blocks | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|---|
| 8.1.11 | RRC / Signalling Connection Release (Invalid configuration) | R'99 | C01 | UEs supporting FDD. |
| 8.1.12 | Integrity Protection | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 8.2.1.1 | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 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 |
| 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.2.1.11 | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Unsupported 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 and supporting PS bearer service. |
| 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 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 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 and supporting PS bearer service. |
| 8.2.1.15 | Void | | | |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|---|
| 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 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 |
| 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 and supporting PS bearer service. |
| 8.2.1.19 | Void | | | |
| 8.2.1.20 | Void | | | |
| 8.2.1.21 | Void | | | |
| 8.2.1.22 | RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH (Frequency band 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 and supporting PS bearer service. |
| 8.2.1.23 | RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH (Frequency band modification): Success | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 8.2.1.24 | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH (Frequency band modification): Success | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.2.1.25 | Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH (Frequency band 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 and supporting PS bearer service. |
| 8.2.1.26 | Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (with ciphering on) | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.2.2.1 | RRC / Radio Bearer Reconfiguration (Hard Handover) from CELL_DCH to CELL_DCH: Success | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 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 |
| 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 8.2.2.5 | 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.2.2.10 | RRC / Radio Bearer Reconfiguration from | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|---|
| | CELL_FACH to CELL_DCH: Success | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 8.2.2.20 | RRC / Radio Bearer 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 and supporting PS bearer service. |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.2.2.24 | Void | | | |

| Clause | Title | Release | Applicability | Comments |
|----------|---|---------|---------------|--|
| 8.2.2.25 | RRC / Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_DCH including modification of previously signalled CELL_DCH 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 and supporting PS bearer service. |
| 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. |
| 8.2.2.27 | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_DCH (Frequency band modification): Success | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.2.2.28 | Radio Bearer Reconfiguration for transition from CELL_DCH to CELL_FACH (Transport channel type switching with frequency band 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 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 band 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 and supporting PS bearer service. |
| 8.2.2.32 | Radio Bearer Reconfiguration for transition from CELL_FACH to CELL_FACH (Frequency band 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 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 band 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 and supporting PS bearer service. |
| 8.2.2.35 | Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Successful channel switching with multiple PS RABs established | R99 | C358 | UEs supporting FDD and supporting PS bearer service and secondary PDP context activation. |
| | | R99 | C364 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service and secondary PDP context activation. |
| 8.2.3.1 | RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |

| Clause | Title | Release | Applicability | Comments |
|----------|---|---------|---------------|---|
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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 |
| 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 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.2.3.20 | RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH (Frequency band modification): Success | R99 | C01 | UEs supporting FDD. |
| 8.2.3.21 | RRC / Radio Bearer Release from CELL_DCH to CELL_PCH (Frequency band 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 band modification): Success | R99 | C01 | UEs supporting FDD |
| 8.2.3.25 | Radio Bearer Release for transition from CELL_DCH to URA_PCH (Frequency band modification): Success | R99 | C01 | UEs supporting FDD. |
| 8.2.3.26 | Radio Bearer Release for transition from CELL_FACH to CELL_PCH (Frequency band 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 band 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 band 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 multi call for PS and CS services | R99 | C228 | UEs supporting FDD and supporting CS bearer service and supporting PS bearer service and supporting Multi call. |
| 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| 8.2.4.2 | Void | | | |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|---|
| 8.2.4.3 | RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration) | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 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 |
| 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 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 band 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 band 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 | | | |
| 8.2.5.1 | Void | | | |
| 8.2.5.2 | 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 |
| 8.2.6.1 | RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH | R99 | C01 | UEs supporting FDD. |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|---|
| | (Hard handover for code modification): Success | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 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 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option |
| 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 |
| 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 |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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 re-selection) | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.2.6.13 | Void | | | |
| 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 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 |
| 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 and supporting PS bearer service. |
| 8.2.6.19 | RRC / Physical channel from CELL_DCH to | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|--|
| | CELL_PCH: Success | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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 | RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_PCH: Success | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |
| 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 band 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 band 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 supporting downlink compressed mode or supporting uplink and downlink compressed mode or supporting uplink 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 | C01 | UEs supporting FDD. |
| 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 | C01 | UEs supporting FDD. |
| 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 |
| 8.3.1.1 | RRC / Cell Update: cell reselection in | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|---|
| | CELL_FACH | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.3.1.2 | RRC / Cell Update: cell reselection in CELL_PCH | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.3.1.4 | RRC / Cell Update: periodical cell update in CELL_PCH | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.3.1.11 | RRC / Cell Update: Success after T302 time-out | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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 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 and supporting PS bearer service. |
| 8.3.1.15 | RRC / Cell Update: Unrecoverable error in Acknowledged Mode RLC | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.3.1.18 | RRC / Cell Update: Radio Link Failure | R99 | C01 | UEs supporting FDD. |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|---|
| | (T314>0, T315=0), CS RAB established | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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 and supporting PS bearer service. |
| 8.3.1.21 | Cell Update: Cell reselection to cell of another PLMN belonging to the equivalent PLMN list | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.3.1.22 | Cell update: Restricted cell reselection to a cell belonging to forbidden LA list (Cell_FACH) | R99 | C01 | UEs supporting FDD |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.3.1.23 | Cell Update: HCS cell reselection in CELL_FACH | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.3.1.25 | CELL UPDATE: Radio Link Failure (T314=0, T315=0) | R99 | C01 | UEs supporting FDD. |
| 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. |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.3.2.1 | RRC / URA Update: Change of URA | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 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 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 and supporting PS bearer service. |
| 8.3.2.7 | RRC / URA Update: Success after T303 | R99 | C06 | UEs supporting FDD and supporting PS bearer service. |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|---|
| | timeout | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 8.3.3.1 | RRC / UTRAN Mobility Information: 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 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 and supporting PS bearer service. |
| 8.3.4.1 | RRC / Active set update in soft handover: Radio Link addition | R99 | C01 | UEs supporting FDD. |
| 8.3.4.2 | RRC / Active set update in soft handover: Radio Link removal | R99 | C01 | UEs supporting FDD. |
| 8.3.4.3 | RRC / Active set update in soft handover: Combined radio link addition and removal | R99 | C01 | UEs supporting FDD. |
| 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 | C01 | UEs supporting FDD. |
| 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 | R99 | C95 | UEs supporting FDD and GSM and supporting speech |
| | | | C59 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech. |
| 8.3.7.2 | Inter system handover from UTRAN/To GSM/Data/Same data rate/Success | R99 | C97 | UEs supporting FDD and GSM and CS bearer service. |
| | | | C60 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM. |
| 8.3.7.3 | Inter system handover from UTRAN/To GSM/Data/Data rate down grading/Success | R99 | C97 | UEs supporting FDD and GSM and CS bearer service. |
| | | | C60 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|--|
| 8.3.7.4 | Inter system handover from UTRAN/To GSM/Speech/Establishment/Success | R99 | C95 | UEs supporting FDD and GSM and supporting speech. |
| | | | C59 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C59 | UEs supporting 3.84 Mcps TDD option or 1.28 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 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. |
| | | | C59 | UEs supporting 3.84 Mcps TDD option or 1.28 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 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. |
| | | | C59 | UEs supporting 3.84 Mcps TDD option or 1.28 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 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 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. |
| | | | C59 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C59 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and GSM and supporting speech. |
| 8.3.8 | RRC / Inter system cell reselection to UTRAN | R99 | [FFS] | Inclusion of this test case is FFS |
| 8.3.9 | RRC / Inter system cell reselection from 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. |
| 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. |
| 8.3.9.3 | Cell reselection if S<0; 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. |
| 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. |
| 8.3.9.5 | Successful Cell Reselection with RAU – Q _{offset} value modification; UTRAN to GPRS (CELL_FACH) | R99 | C360 | UEs supporting FDD and GSM. UE supporting PS bearer service. |

| Clause | Title | Release | Applicability | Comments |
|---|--|---------|---------------|---|
| Inter-RAT cell change order from UTRAN | | | | |
| 8.3.11.1 | Inter-RAT cell change order from UTRAN/To GPRS/CELL_DCH/Success | R99 | C360 | UEs supporting FDD and GSM. UE supporting PS bearer service. |
| 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. |
| 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. |
| 8.4.1.1 | RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state (FDD) | R99 | C01 | UEs supporting FDD. |
| 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. |
| 8.4.1.2 | RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state (FDD) | R99 | C01 | UEs supporting FDD. |
| 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. |
| 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. |
| 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 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. |
| 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 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 | C06 | UEs supporting FDD and supporting PS bearer service. |
| 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 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. |
| 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 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. |
| 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 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. |
| 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 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. |

| Clause | Title | Release | Applicability | Comments |
|----------|---|---------|---------------|--|
| 8.4.1.11 | void | | | |
| 8.4.1.12 | void | | | |
| 8.4.1.13 | RRC / Measurement Control and Report: Compressed Mode Configuration Failure during physical channel reconfiguration procedure | R99 | C55 | UEs supporting FDD and supporting downlink compressed mode and supporting Inter-system measurement for GSM |
| 8.4.1.14 | RRC / Measurement Control and Report: Cell forbidden to affect reporting range | R99 | C01 | UEs supporting FDD. |
| 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. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option. |
| 8.4.1.17 | RRC / Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_DCH state | R99 | C01 | UEs supporting FDD. |
| | | | C02 | UEs supporting 3.84 Mcps TDD option or 1.28 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service. |
| 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. |
| | | | C52 | UEs supporting 3.84 Mcps TDD option or 1.28 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 | C01 | UEs supporting FDD. |
| 8.4.1.24 | RRC / Measurement Control and Report: Inter-frequency measurement for event 2A | R99 | C01 | UEs supporting FDD. |
| 8.4.1.25 | RRC / Measurement Control and Report: Inter-frequency measurement for events 2B and 2E | R99 | C01 | UEs supporting FDD. |
| 8.4.1.26 | RRC / Measurement Control and Report: Measurement for events 2D and 2F | R99 | C01 | UEs supporting FDD. |
| 8.4.1.27 | RRC / Measurement Control and Report: UE internal measurement for events 6A and 6B | R99 | C01 | UEs supporting FDD. |
| 8.4.1.28 | RRC / Measurement Control and Report: UE internal measurement for events 6F and 6G | R99 | C01 | UEs supporting FDD. |
| 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. |
| 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. |
| 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. |
| 8.4.1.32 | Void | | | |
| 8.4.1.33 | Measurement Control and Report: Inter-RAT measurement, event 3a | R99 | C95 | UEs supporting FDD and GSM and supporting speech. |
| 8.4.1.34 | Measurement Control and Report: Inter-RAT measurement, event 3b | R99 | C95 | UEs supporting FDD and GSM and supporting speech. |
| 8.4.1.35 | Measurement Control and Report: Inter-RAT measurement, event 3c | R99 | C95 | UEs supporting FDD and GSM and supporting speech. |
| 8.4.1.36 | Measurement Control and Report: Inter-RAT measurement, event 3d | R99 | C95 | UEs supporting FDD and GSM and supporting speech. |
| 8.4.1.37 | Measurement Control and Report: UE internal measurement, event 6c | R99 | C356 | UEs supporting FDD and CS bearer service. |
| 8.4.1.38 | Measurement Control and Report: UE internal measurement, event 6d | R99 | C356 | UEs supporting FDD and CS bearer service. |
| 8.4.1.39 | Measurement Control and Report: UE internal measurement, event 6e | R99 | C356 | UEs supporting FDD and CS bearer service. |

| Clause | Title | Release | Applicability | Comments |
|----------------------------|---|---------|---------------|--|
| 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 GSM and supporting speech and supporting downlink compressed mode or supporting uplink and downlink compressed mode or supporting uplink compressed mode. |
| 8.4.1.41 | Measurement Control and Report: Additional Measurements list | R99 | C01 | UEs supporting FDD. |
| 8.4.1.42 | Measurement Control and Report: Change of Compressed Mode Method | R99 | C359 | UEs supporting FDD and PS domain services and CS domain services and supporting compressed mode. |
| 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 supporting 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. |
| MOBILITY MANAGEMENT | | | | |
| 9.1 | TMSI reallocation | R99 | C98 | UEs supporting CS domain services |
| 9.2.1 | Authentication accepted | R99 | C98 | UEs supporting CS domain services |
| 9.2.2 | Authentication rejected | R99 | C98 | UEs supporting CS domain services |
| 9.2.3 | Authentication rejected by the UE (MAC code failure) | R99 | C98 | UEs supporting CS domain services |
| 9.2.4 | Authentication rejected by the UE (SQN failure) | R99 | C98 | UEs supporting CS domain services |
| 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 |
| 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 |
| 9.4.2.1 | Location updating / rejected / IMSI invalid | R99 | C98 | UEs supporting CS domain services |
| 9.4.2.2 | Location updating / rejected / PLMN not allowed | R99 | C98 | UEs supporting CS domain services |
| 9.4.2.3 | Location updating / rejected / location area not allowed | R99 | C98 | UEs supporting CS domain services |
| 9.4.2.4.1 | Location updating / rejected / roaming not allowed in this location area / Procedure 1 | R99 | C98 | UEs supporting CS domain services |
| 9.4.2.4.2 | Location updating / rejected / roaming not allowed in this location area / Procedure 2 | R99 | C98 | UEs supporting CS domain services |
| 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 |
| 9.4.2.4.5 | Location updating / rejected / roaming not allowed in this location area / Procedure 5 | R99 | C99 | UEs supporting CS domain services UEs supporting USIM removal |
| 9.4.2.5 | Location updating / rejected / No Suitable Cells In Location Area | R99 | C98 | UEs supporting CS domain services |
| 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 | C98 | UEs supporting CS domain services |
| 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 |
| 9.4.4 | Location updating / release / expiry of T3240 | R99 | C98 | UEs supporting CS domain services |
| 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 | C98 | UEs supporting CS domain services |
| 9.4.5.3 | Location updating / periodic normal / test 2 | R99 | C98 | UEs supporting CS domain services |
| 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 |
| 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 |

| Clause | Title | Release | Applicability | Comments |
|---------------------|---|---------|---------------|--|
| 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 |
| 9.4.6 | Location updating / interworking of attach and periodic | R99 | C98 | UEs supporting CS domain services |
| 9.4.7 | Location Updating / accept with replacement or deletion of Equivalent PLMN list | R99 | C98 | UEs supporting CS domain services |
| 9.4.8 | Location Updating after UE power off | R99 | C98 | UEs supporting CS domain services |
| 9.4.9 | Location Updating/ Accept, Interaction between Equivalent PLMNs and Forbidden PLMNs | R99 | C98 | UEs supporting CS domain services |
| 9.5.2 | MM connection / establishment in security mode | R99 | C98 | UEs supporting CS domain services |
| 9.5.3 | Void | | | |
| 9.5.4 | MM connection / establishment rejected | R99 | C98 | UEs supporting CS domain services |
| 9.5.5 | MM connection / establishment rejected cause 4 | R99 | C98 | UEs supporting CS domain services |
| 9.5.6 | MM connection / expiry T3230 | R99 | C98 | UEs supporting CS domain services |
| 9.5.7.1 | MM connection / abortion by the network / cause #6 | R99 | C98 | UEs supporting CS domain services |
| 9.5.7.2 | MM connection / abortion by the network / cause not equal to #6 | R99 | C100 | UEs supporting CS domain services UEs supporting at least one non-call related SS |
| 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 |
| CALL CONTROL | | | | |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

| Clause | Title | Release | Applicability | Comments |
|-------------|---|---------|---------------|---|
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

| Clause | Title | Release | Applicability | Comments |
|------------|---|---------|---------------|---|
| 10.1.2.7.1 | U11 disconnect request / clear collision | R99 | C10 | UEs supporting at least one mobile originated circuit switched basic service |
| 10.1.2.7.2 | U11 disconnect request / RELEASE received | R99 | C10 | UEs supporting at least one mobile originated circuit switched basic service |
| 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 |
| 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. |
| 10.1.2.9.2 | Outgoing call / U19 release request / 2 nd timer T308 time-out | R99 | C10 | UEs supporting at least one mobile originated circuit switched basic service. |
| 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. |
| 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. |
| 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. |
| 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. |

| Clause | Title | Release | Applicability | Comments |
|------------|--|---------|---------------|--|
| 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. |
| 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. |
| 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. |
| 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. |
| 10.1.4.3.1 | In-call functions / channel changes / a successful channel change in active state/ 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/ Handover and Assignment Command | R99 | C14 | UEs supporting at least one circuit switched basic service. |

| Clause | Title | Release | Applicability | Comments |
|--|---|---------|---------------|---|
| 10.3 | User to user signalling | R99 | C11 | UEs supporting at least one mobile terminating circuit switched basic service. |
| SESSION MANAGEMENT | | | | |
| 11.1.1.1 | Attach initiated by context activation/QoS Offered by Network is the QoS Requested | R99 | C12 | UE supporting PS domain services. |
| 11.1.1.2.1 | Void | | | |
| 11.1.1.2.2 | Void | | | |
| 11.1.2 | PDP context activation requested by the network, successful and unsuccessful | R99 | C49 | UE supporting PS bearer services and supporting network requested PDP context activation and configured in such a way that one or more PDP contexts can be active simultaneously. |
| 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. |
| 11.1.4.1.1 | 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. |
| 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. |
| 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. |
| 11.1.4.3.1 | Abnormal cases/T3380 Expiry | R99 | C62 | UE supporting PS domain services. PDP context activation and secondary PDP context activation. |
| 11.2.1 | Network initiated PDP context modification | R99 | C12 | UE supporting PS domain services. |
| 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. |
| 11.2.3.1 | 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 | C370 | UE supporting PS domain services. UE supporting automatic PS attach procedure at switch on. |
| 11.3.2 | PDP context deactivation initiated by the network | R99 | C370 | UE supporting PS domain services. UE supporting automatic PS attach procedure at switch on. |
| 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. |
| PACKET SWITCHED MOBILITY MANAGEMENT | | | | |
| 12.2.1.1 | PS attach / accepted | R99 | C12 | UE supporting PS domain services. |
| 12.2.1.2 | PS attach / rejected / IMSI invalid / illegal UE | R99 | C12 | UE supporting PS domain services. |
| 12.2.1.3 | PS attach / rejected / IMSI invalid / PS services not allowed | R99 | C12 | UE supporting PS domain services. |
| 12.2.1.4 | PS attach / rejected / PLMN not allowed | R99 | C12 | UE supporting PS domain services. |
| 12.2.1.5a | PS attach / rejected / roaming not allowed in this location area | R99 | C12 | UE supporting PS domain services. |
| 12.2.1.5b | PS attach / rejected / No Suitable Cells In Location Area | R99 | C12 | UE supporting PS domain services. |
| 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 | C12 | UE supporting PS domain services. |

| Clause | Title | Release | Applicability | Comments |
|-----------|---|---------|---------------|---|
| 12.2.1.6 | PS attach / abnormal cases / access barred due to access class control | R99 | C12 | UE supporting PS domain services. |
| 12.2.1.7 | PS attach / abnormal cases / change of routing area | R99 | C12 | UE supporting PS domain services. |
| 12.2.1.8 | PS attach / abnormal cases / power off | R99 | C12 | UE supporting PS domain services. |
| 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. |
| 12.2.2.1 | Combined PS attach / PS and non-PS attach accepted | R99 | C88 | UE supporting PS domain services and CS domain services. |
| 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. |
| 12.2.2.4 | 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). |
| 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). |
| 12.2.2.8 | 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). |
| 12.3.1.1 | PS detach / power off / accepted | R99 | C79 | UE supporting PS domain services and supports power on/off. |
| 12.3.1.2 | PS detach / accepted | R99 | C12 | UE supporting PS domain services. |
| 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 | C88 | UE supporting PS domain services and CS domain services (UE supports UE operation mode A). |
| 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. |
| 12.3.2.1 | PS detach / re-attach not required / accepted | R99 | C12 | UE supporting PS domain services. |
| 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). |

| Clause | Title | Release | Applicability | Comments |
|-----------|--|---------|---------------|---|
| 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 | C12 | UE supporting PS domain services. |
| 12.3.2.7 | PS detach / rejected / Roaming not allowed in this location area | R99 | C12 | UE supporting PS domain services. |
| 12.3.2.8 | PS detach / 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). |
| 12.4.1.1a | Routing area updating / accepted | R99 | C12 | UE supporting PS domain services. |
| 12.4.1.1b | Routing area updating / accepted / Signalling connection re-establishment | R99 | C12 | UE supporting PS domain services. |
| 12.4.1.1c | Routing Area Updating / accepted / change of DRX parameter IE | R99 | C12 | UE supporting PS domain services. |
| 12.4.1.2 | Routing area updating / rejected / IMSI invalid / illegal ME | R99 | C12 | UE supporting PS domain services. |
| 12.4.1.3a | Routing area updating / rejected / UE identity cannot be derived by the network | R99 | C12 | UE supporting PS domain services. |
| 12.4.2.3b | Combined routing Area Updating / accepted / change of DRX parameter IE | R99 | C88 | UE supporting PS domain services and CS domain services (UE supports UE operation mode A). |
| 12.4.1.4a | Routing area updating / rejected / location area not allowed | R99 | C12 | UE supporting PS domain services. |
| 12.4.1.4b | Routing area updating / rejected / No Suitable Cells In Location Area | R99 | C12 | UE supporting PS domain services. |
| 12.4.1.4c | Routing area updating / rejected / PS services not allowed in this PLMN | R99 | C12 | UE supporting PS domain services. |
| 12.4.1.4d | Routing area updating / rejected / Roaming not allowed in this location area | R99 | C12 | UE supporting PS domain services. |
| 12.4.1.5 | Routing area updating / abnormal cases / attempt counter check / miscellaneous reject causes | R99 | C12 | UE supporting PS domain services. |
| 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 | Routing area updating / abnormal cases / change of cell during routing area updating procedure | R99 | C12 | UE supporting PS domain services. |
| 12.4.1.8 | Routing area updating / abnormal cases / P-TMSI reallocation procedure collision | R99 | C12 | UE supporting 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). |
| 12.4.2.2 | Combined routing area updating / UE in CS operation at change of RA | R99 | C88 | UE supporting PS domain services and CS domain services (UE supports UE operation mode A). |
| 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). |
| 12.4.2.4 | 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. |
| 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). |
| 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). |
| 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). |
| 12.4.2.6 | 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). |

| Clause | Title | Release | Applicability | Comments |
|------------------------------|---|---------|---------------|---|
| 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 | Combined routing area updating / abnormal cases / change of cell during routing area updating procedure | R99 | C88 | UE supporting PS domain services and CS domain services (UE supports UE operation mode A). |
| 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). |
| 12.4.3.1 | Periodic routing area updating / accepted | R99 | C12 | UE supporting PS domain services. |
| 12.4.3.2 | Periodic routing area updating / accepted / T3312 default value | R99 | C12 | UE supporting PS domain services. |
| 12.4.3.3 | Periodic routing area updating / no cell available / network mode I | R99 | C12 | UE supporting PS domain services. |
| 12.4.3.4 | Periodic routing area updating / no cell available | R99 | C88 | UE supporting PS domain services and CS domain services (UE supports UE operation mode A). |
| 12.5 | P-TMSI reallocation | R99 | C12 | UE supporting PS domain services. |
| 12.6.1.1 | Authentication accepted | R99 | C12 | UE supporting PS domain services. |
| 12.6.1.2 | Authentication rejected - by the network | R99 | C12 | UE supporting PS domain services. |
| 12.6.1.3.1 | GMM cause 'MAC failure' | R99 | C12 | UE supporting PS domain services |
| 12.6.1.3.2 | GMM cause 'Synch failure' | R99 | C12 | UE supporting PS domain services |
| 12.6.1.3.3 | Authentication rejected by the UE / fraudulent network | R99 | C12 | UE supporting PS domain services |
| 12.7.1 | General Identification | R99 | C12 | UE supporting PS domain services. |
| 12.8 | GMM READY timer handling | R99 | C360 | UEs supporting FDD and GSM. UE supporting PS bearer service. |
| 12.9.1 | Service Request Initiated by UE Procedure | R99 | C12 | UE supporting PS domain services. |
| 12.9.2 | Service Request Initiated by Network Procedure | R99 | C12 | UE supporting PS domain services. |
| 12.9.3 | Service Request / rejected / Illegal MS | R99 | C12 | UE supporting PS domain services. |
| 12.9.4 | Service Request / rejected / PS services not allowed | R99 | C12 | UE supporting PS domain services. |
| 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. |
| 12.9.7a | Service Request / rejected / No PDP context activated | R99 | C12 | UE supporting PS domain services. |
| 12.9.7b | Service Request / rejected / No Suitable Cells In Location Area | R99 | C12 | UE supporting PS domain services. |
| 12.9.7c | Service Request / rejected / Roaming not allowed in this location area | R99 | C12 | UE supporting PS domain services. |
| 12.9.8 | Service Request / Abnormal cases / Access barred due to access class control | R99 | C12 | UE supporting PS domain services. |
| 12.9.9 | Service Request / Abnormal cases / Routing area update procedure is triggered | R99 | C12 | UE supporting PS domain services. |
| 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. |
| 12.9.12 | Service Request / RAB re-establishment / UE initiated / Single PDP context | R99 | C12 | UE supporting PS domain services. |
| 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 |
| 12.9.14 | Service Request / RAB re-establishment / Network initiated / single PDP context | R99 | C12 | UE supporting PS domain services. |
| GENERAL TESTS | | | | |
| 13.2.1.1 | Emergency call / with USIM / accept case | R99 | C96 | UEs supporting emergency speech call |
| 13.2.2.1 | Emergency call / without USIM / accept case | R99 | C96 | UEs supporting emergency speech call |
| 13.2.2.2 | Emergency call / without USIM / reject case | R99 | C96 | UEs supporting emergency speech call |
| RADIO BEARER SERVICES | | | | |
| | Combinations on DPCH | | | |
| 14.2.1 | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH | R99 | C107 | UEs supporting FDD and reference radio bearer configuration "Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH" |

| Clause | Title | Release | Applicability | Comments |
|-----------|---|---------|---------------|--|
| 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 "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 "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 "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 | FFS | |
| 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 "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 "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" |
| 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 "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 "Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "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" |
| 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 "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 "Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 14.2.10 | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH | R99 | C116 | UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH" |
| 14.2.11 | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH | R99 | C117 | UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 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 "Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI" |
| 14.2.13.2 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for | R99 | C120 | UE supporting FDD and reference radio bearer configuration |

| Clause | Title | Release | Applicability | Comments |
|------------|---|---------|---------------|---|
| | DCCH / 40 ms TTI | | | "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI" |
| 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 "Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI" |
| 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 "Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI" |
| 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 "Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "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 "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 "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 "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)" |
| 14.2.23a.1 | Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC). | R99 | FFS | |
| 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)" |
| 14.2.23b | Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | R99 | FFS | |
| 14.2.23c | Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH. | R99 | FFS | |
| 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 | FFS | |
| 14.2.24.1 | Void | | | |

| Clause | Title | Release | Applicability | Comments |
|-----------|---|---------|---------------|---|
| 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 "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 "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 "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 "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 "Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH" |
| 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 "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 "Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI" |
| 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 "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 "Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI" |
| 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 "Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI" |
| 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 "Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |

| Clause | Title | Release | Applicability | Comments |
|-----------|---|---------|---------------|---|
| | | | | 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 "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 "Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |
| 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 "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 reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI" |
| 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 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 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 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 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 |
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| 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 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, 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 | FFS | |
| 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 | FFS | |
| 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 | FFS | |
| 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 | FFS | |
| 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 | FFS | |
| 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 | FFS | |
| 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 | FFS | |
| 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 | FFS | |
| 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 | FFS | |
| 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 | FFS | |
| 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 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 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 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)" |

| Clause | Title | Release | Applicability | Comments |
|-----------|--|---------|---------------|--|
| 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 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)" |
| 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 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+ UL:3.4 DL: 3.4 kbps SRBs for DCCH" |
| 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 reference radio bearer configuration "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" |
| 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 reference radio bearer configuration "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" |
| 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 reference radio bearer configuration "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" |
| 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 reference radio bearer configuration "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" |
| 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 reference radio bearer configuration "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" |
| 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 reference radio bearer configuration "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 reference radio bearer configuration "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 "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 | | | |
| 14.2.49.1 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / | R99 | C179 | UE supporting FDD and reference radio bearer configuration |

| Clause | Title | Release | Applicability | Comments |
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| | UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | | | "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" |
| 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 "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 "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 "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 reference radio bearer configuration "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" |
| 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 reference radio bearer configuration "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" |
| 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 | FFS | |
| 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 | FFS | |
| 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 reference radio bearer configuration "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 reference radio bearer configuration "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 reference radio bearer configuration "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" |
| 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 reference radio bearer configuration "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:128 kbps / PS RAB + UL:3.4 |

| Clause | Title | Release | Applicability | Comments |
|----------|--|---------|---------------|--|
| | | | | 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 | FFS | |
| 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 | FFS | |
| 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 | FFS | |
| | Combinations on PDSCH and DPCH | | | |
| 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 | C193 | UE supporting FDD and reference radio bearer configuration "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 | C194 | UE supporting FDD and reference radio bearer configuration "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 | C195 | UE supporting FDD and reference radio bearer configuration "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 | C196 | UE supporting FDD and reference radio bearer configuration "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 | C199 | UE supporting FDD and reference radio bearer configuration "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" |
| 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 | C200 | UE supporting FDD and reference radio bearer configuration "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 | C201 | UE supporting FDD and reference radio bearer configuration "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 | C202 | UE supporting FDD and reference radio bearer configuration "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" |
| | Combinations on SCCPCH | | | |
| 14.4.1 | Stand-alone signalling RB for PCCH | R99 | C203 | UE supporting FDD and reference radio bearer configuration "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 "Interactive/Background 32 kbps PS |

| Clause | Title | Release | Applicability | Comments |
|------------|--|------------------|---------------|---|
| | | | | RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH" |
| 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 "Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH" |
| 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 "Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH" |
| 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) |
| | Combinations on PRACH | | | |
| 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" |
| 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 "Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH" |
| SMS | | | | |
| 16.1.1 | SMS on CS mode / SMS mobile terminated | R99 | C18 | UE capable of receiving Short Message at any time on CS mode. |
| 16.1.2 | SMS on CS mode / SMS mobile originated | R99 | C20 | UE capable of submitting Short Message at any time on CS mode. |
| 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 |
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| 16.1.9.1 | SMS on CS mode / Multiple SMS mobile originated / UE in idle mode | R99 | C35 | UE supporting the ability of sending multiple short messages on the same RR connection when there is no call in progress on CS mode. |
| 16.1.9.2 | SMS on CS mode / Multiple SMS mobile originated / UE in active mode | R99 | C36 | UE supporting the ability of sending concatenated multiple short messages when there is a call in progress on CS mode. |
| 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. |
| 16.2.1 | SMS on PS mode / SMS mobile terminated | R99 | C26 | UE capable of receiving Short Message at any time on PS mode. |
| 16.2.2 | SMS on PS mode / SMS mobile originated | R99 | C27 | UE capable of submitting Short Message at any time on PS mode. |
| 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. |
| 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. |
| 16.3 | Short message service cell broadcast | R99 | C219 | UE capable of receiving broadcast messages. |
| SPECIFIC FEATURES | | | | |
| | Test of autocalling restrictions | | | |
| 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. |
| | Location services | | | |
| 17.2.2.1 | LCS Network Induced location request/ UE-Based GPS/ Emergency Call / with USIM / Limited Assistance Data | R99 | Cxx | UEs supporting FDD, emergency speech call and UE based Network Assisted GPS |
| 17.2.3.1 | LCS Mobile originated location request/ UE-Based GPS/ Assistance data sent in multiple measurement control messages | R99 | Cyy | UEs supporting FDD and UE based Network Assisted GPS |
| Multi-Layer Functional Tests | | | | |
| 18.1 | RAB Tests for TDD (1.28 Mcps option) Combinations on DPCH | | | |
| 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 | Rel-4 | C221 | UEs supporting LCRTDD and |

| Clause | Title | Release | Applicability | Comments |
|-------------|--|---------|---------------|---|
| | DCCH | | | 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" |
| 18.1.2.5 | 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" |
| 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 "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 "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 "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 "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 "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 "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 "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 "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 "Streaming / unknown / |

| Clause | Title | Release | Applicability | Comments |
|-------------|---|---------|---------------|--|
| | | | | UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "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 "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 "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 "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 "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 "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 "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 "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)" |
| 18.1.2.24.1 | 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 "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 "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 "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 "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 |
|-------------|---|---------|---------------|--|
| 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 "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 "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 "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 "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 "Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 "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 "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 "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 "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 "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 "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 "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 "Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI" |

| Clause | Title | Release | Applicability | Comments |
|-------------|---|---------|---------------|---|
| 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 "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 "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 "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 "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 "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 "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 "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 "Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI" |
| 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 "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 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)" |
| 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 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 |
|-------------|--|---------|---------------|---|
| 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 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, 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 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)" |
| 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 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)" |
| 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 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)" |
| 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 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)" |
| 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 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+ 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 reference radio bearer configuration "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 reference radio bearer configuration "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 reference radio bearer configuration "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" |
| 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 reference radio bearer configuration "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" |

| Clause | Title | Release | Applicability | Comments |
|-------------|---|---------|---------------|--|
| 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 reference radio bearer configuration "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 reference radio bearer configuration "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 reference radio bearer configuration "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 "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 "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 | | | |
| 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 "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 "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 "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 "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 reference radio bearer configuration "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 | C449 | UE supporting LCRTDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + |

| Clause | Title | Release | Applicability | Comments |
|-------------|---|---------|---------------|--|
| | | | | Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH" |
| 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 reference radio bearer configuration "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 reference radio bearer configuration "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 reference radio bearer configuration "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 reference radio bearer configuration "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 reference radio bearer configuration "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" |
| | Combinations on SCCPCH | | | |
| 18.1.3.1 | Stand-alone signalling RB for PCCH | Rel-4 | C355 | UE supporting LCRTDD and reference radio bearer configuration "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 "Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH" |
| 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 "Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH" |

| | |
|-----|---|
| C01 | IF A.1/1 THEN R ELSE N/A |
| C02 | IF A.1/2 OR A.1/3 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 THEN R ELSE N/A |
| C06 | IF A.1/1 AND A.3/2 THEN R ELSE N/A |
| C07 | IF A.1/1 AND A.20/27 THEN R ELSE N/A |
| 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 THEN R ELSE N/A |
| C36 | IF A.20/16 AND A.3/1 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 | IF A.1/1 AND A.3/2 AND A.20/27 THEN R ELSE N/A |
| C43 | Void |
| C44 | Void |
| C45 | Void |
| C46 | IF A.3/2 AND A.20/41 THEN R ELSE N/A |
| C47 | Void |
| C48 | Void |
| C49 | IF A.3/2 AND A.20/7 AND A.20/10 THEN R ELSE N/A |
| C50 | IF A.20/37 AND A.1/4 AND (A.1/2 OR A.1/3) THEN R ELSE N/A |
| C51 | Void |
| C52 | IF (A.1/2 OR A.1/3) AND A.3/2 THEN R ELSE N/A |
| C53 | IF (A.1/2 OR A.1/3) AND A.20/27 THEN R ELSE N/A |
| C54 | IF (A.1/2 OR A.1/3) AND A.3/2 AND A.20/27 THEN R ELSE N/A |
| C55 | Void |
| C56 | IF (A.1/2 OR A.1/3) AND A.1/4 THEN R ELSE N/A |
| C57 | IF A.1/1 AND A.18c/5a THEN R ELSE N/A |
| C58 | IF A.1/1 AND A.18c/7a THEN R ELSE N/A |
| C59 | IF ((A.1/2 OR A.1/3) 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) 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 |
| C63 | IF A.3/2 AND A.20/7 AND A.20/26 AND A.20/41 THEN R ELSE N/A |
| 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 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.
 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
 C91 IF (A.1/2 OR A.1/3) 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.3/1 THEN R ELSE N/A
 C96 IF A.2/2 THEN R ELSE N/A
 C97 IF (A.1/1 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
 C98 IF A.3/1 OR A.3/3 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 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 IF A.20/37 AND A.1/1 THEN R ELSE N/A
 C105 IF A.20/37 AND (A.1/1 AND A.1/4) THEN R ELSE N/A
 C106 IF A.1/1 AND A.2/1 AND A.2/2 THEN R ELSE N/A
 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 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 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 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 A.1/1 AND A.18c/14.2 THEN R ELSE N/A
 C123 IF A.1/1 AND A.18c/15 THEN R ELSE N/A
 C124 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 IF A.1/1 AND A.18c/18 THEN R ELSE N/A
 C127 IF A.1/1 AND A.18c/19 THEN R ELSE N/A
 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 IF A.1/1 AND A.18c/24.1 THEN R ELSE N/A
 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 A.1/1 AND A.18c/26 THEN R ELSE N/A
C141 IF A.1/1 AND A.18c/27 THEN R ELSE N/A
C142 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 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 A.1/1 AND A.18c/32.1 THEN R ELSE N/A
C148 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.18c/35.1 THEN R ELSE N/A
C154 IF A.1/1 AND A.18c/35.2 THEN R ELSE N/A
C155 IF A.1/1 AND A.18c/36.1 THEN R ELSE N/A
C156 IF A.1/1 AND A.18c/36.2 THEN R ELSE N/A
C157 IF A.1/1 AND A.18c/37.1 THEN R ELSE N/A
C158 IF A.1/1 AND A.18c/37.2 THEN R ELSE N/A
C159 IF A.1/1 AND A.18c/38.1 THEN R ELSE N/A
C160 IF A.1/1 AND A.18c/38.2 THEN R ELSE N/A
C161 IF A.1/1 AND A.18c/38.3 THEN R ELSE N/A
C162 IF A.1/1 AND A.18c/38.4 THEN R ELSE N/A
C163 IF A.1/1 AND A.18c/39.1 THEN R ELSE N/A
C164 IF A.1/1 AND A.18c/39.2 THEN R ELSE N/A
C165 IF A.1/1 AND A.18c/39.3 THEN R ELSE N/A
C166 IF A.1/1 AND A.18c/39.4 THEN R ELSE N/A
C167 IF A.1/1 AND A.18c/40 THEN R ELSE N/A
C168 IF A.1/1 AND A.18c/41 THEN R ELSE N/A
C169 IF A.1/1 AND A.18c/42.1 THEN R ELSE N/A
C170 IF A.1/1 AND A.18c/42.2 THEN R ELSE N/A
C171 IF A.1/1 AND A.18c/43.1 THEN R ELSE N/A
C172 IF A.1/1 AND A.18c/43.2 THEN R ELSE N/A
C173 IF A.1/1 AND A.18c/44.1 THEN R ELSE N/A
C174 IF A.1/1 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 IF A.1/1 AND A.18c/46 THEN R ELSE N/A
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.18c/51.1 THEN R ELSE N/A
C184 IF A.1/1 AND A.18c/51.2 THEN R ELSE N/A
C185 IF A.1/1 AND A.18c/52.1 THEN R ELSE N/A
C186 IF A.1/1 AND A.18c/52.2 THEN R ELSE N/A
C187 IF A.1/1 AND A.18c/53.1 THEN R ELSE N/A
C188 IF A.1/1 AND A.18c/53.2 THEN R ELSE N/A
C189 IF A.1/1 AND A.18c/54 THEN R ELSE N/A
C190 Void
C191 IF A.1/1 AND A.18d/1.1 THEN R ELSE N/A
C192 IF A.1/1 AND A.18d/1.2 THEN R ELSE N/A
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.18d/3.1 THEN R ELSE N/A
C196 IF A.1/1 AND A.18d/3.2 THEN R ELSE N/A
C197 IF A.1/1 AND A.18d/4.1 THEN R ELSE N/A
C198 IF A.1/1 AND A.18d/4.2 THEN R ELSE N/A
C199 IF A.1/1 AND A.18d/5.1 THEN R ELSE N/A
C200 IF A.1/1 AND A.18d/5.2 THEN R ELSE N/A
C201 IF A.1/1 AND A.18d/6.1 THEN R ELSE N/A
C202 IF A.1/1 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 IF A.1/1 AND A.18c/24.2 THEN R ELSE N/A
C208 IF A.1/2 AND A.2/2 THEN R ELSE N/A
C209 IF A.20/37 AND A.1/2 THEN R ELSE N/A
C210 IF A.1/2 AND A.2/1 AND A.2/2 THEN R ELSE N/A
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.3/2 AND 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 IF A.1/1 AND A.3/3 AND A.7/28 THEN R ELSE N/A
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
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 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.18g/38.2 THEN R ELSE N/A
C328 IF A.1/3 AND A.18g/38.3 THEN R ELSE N/A
C329 IF A.1/3 AND A.18g/38.4 THEN R ELSE N/A
C330 IF A.1/3 AND A.18g/39.1 THEN R ELSE N/A
C331 IF A.1/3 AND A.18g/39.2 THEN R ELSE N/A
C332 IF A.1/3 AND A.18g/39.3 THEN R ELSE N/A
C333 IF A.1/3 AND A.18g/39.4 THEN R ELSE N/A
C334 IF A.1/3 AND A.18g/40 THEN R ELSE N/A
C335 IF A.1/3 AND A.18g/41 THEN R ELSE N/A
C336 IF A.1/3 AND A.18g/42.1 THEN R ELSE N/A
C337 IF A.1/3 AND A.18g/42.2 THEN R ELSE N/A
C338 IF A.1/3 AND A.18g/43.1 THEN R ELSE N/A
C339 IF A.1/3 AND A.18g/43.2 THEN R ELSE N/A
C340 IF A.1/3 AND A.18g/44.1 THEN R ELSE N/A

C341 IF A.1/3 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.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 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 OR A.18a/10) THEN R ELSE N/A
C360 IF (A.1/1 AND A.18c/26) AND (A.1/4 AND A.1/5) 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 IF A.1/1 AND A.2/2 AND A.18a/12 THEN R ELSE N/A
C366 IF A.1/1 AND A.18a/12 THEN R ELSE N/A
C367 IF A.19c/1 OR A.19c/2 THEN R ELSE N/A
C368 IF A.1/1 AND (A.18a/8 OR A.18a/9 OR A.18a/10) THEN R ELSE N/A
C369 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.18a/8 OR A.18a/9 OR A.18a/10) THEN R ELSE N/A
C370 IF A.3/2 AND A.20/38 THEN R ELSE N/A

Annex A (normative): ICS proforma for 3rd Generation User Equipment

| |
|--|
| Notwithstanding the provisions of the copyright clause related to the text of the present document, 3GPP grants 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.

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 | Comments |
|------|-----------------------|-----------|---------|----------|
| 1 | FDD (DS) | 25.101 | R99 | |
| 2 | TDD 3.84 Mcps | 25.102 | R99 | |
| 3 | TDD 1.28 Mcps (LCR) | 25.102 | Rel-4 | |
| 4 | GSM | 21.904, 5 | R99 | |
| 5 | GPRS | 23.060 | R99 | |

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 | Comments |
|------|--|----------------------------------|---------|----------|
| 1 | Narrow band speech (AMR) | 22.105, 6.4.1 | R99 | |
| 2 | Emergency speech call | 22.105, 6.4.2 | R99 | |
| 3 | Short Message Service (SMS) MT over CS | 22.105, 6.4.3 22.003, A.1.3.1 | R99 | |
| 4 | Short Message Service (SMS) MO over CS | 22.105, 6.4.3 22.003, A.1.3.2 | R99 | |
| 5 | Short Message Service (SMS) MT over PS | 22.105, 6.4.3 22.003, A.1.3.1 | R99 | |
| 6 | Short Message Service (SMS) MO over PS | 22.105, 6.4.3 22.003, A.1.3.2 | R99 | |
| 7 | Cell Broadcast Service (CBS) | 22.105, 6.4.4 | R99 | |

A.4.2.1.2 Bearer Services

Table A.3: Definition of Bearer Services

| Item | Definition of Bearer Services | Ref. | Release | Comments |
|------|---|-----------------------|---------|----------|
| 1 | Circuit Switched | 22.105, 5.1 22.002 | R99 | |
| 2 | Packet Switched | 22.105, 5.1 22.060 | R99 | |
| 3 | UE supports UE operation mode A: PS and CS simultaneously | | R99 | |

Table A.4: Asynchronous General Bearer Services

| Item | Asynchronous General Bearer Services | Ref. | Release | Comments |
|------|--------------------------------------|---------------|---------|----------|
| 1 | 3,1 kHz Audio 9 600 bit/s | 22.002, 3.1.1 | R99 | |
| 2 | 3,1 kHz Audio 14 400 bit/s | 22.002, 3.1.1 | R99 | |
| 3 | 3,1 kHz Audio 19 200 bit/s | 22.002, 3.1.1 | R99 | |
| 4 | 3,1 kHz Audio 28 800 bit/s | 22.002, 3.1.1 | R99 | |
| 5 | 3,1 KhZ Audio Modem AutoBauding1 | 22.002, 3.1.1 | R99 | |
| 6 | V.110 UDI 9 600 bit/s | 22.002, 3.1.2 | R99 | |
| 7 | V.110 UDI 14 400 bit/s | 22.002, 3.1.2 | R99 | |
| 8 | V.110 UDI 19 200 bit/s | 22.002, 3.1.2 | R99 | |
| 9 | V.110 UDI 28 800 bit/s | 22.002, 3.1.2 | R99 | |
| 10 | V.110 UDI 38 400 bit/s | 22.002, 3.1.2 | R99 | |
| 11 | V.120 9 600 bit/s | 22.002, 3.1.4 | R99 | |
| 12 | V.120 14 400 bit/s | 22.002, 3.1.4 | R99 | |
| 13 | V.120 19 200 bit/s | 22.002, 3.1.4 | R99 | |
| 14 | V.120 28 800 bit/s | 22.002, 3.1.4 | R99 | |
| 15 | V.120 38 400 bit/s | 22.002, 3.1.4 | R99 | |
| 16 | V.120 48 000 bit/s | 22.002, 3.1.4 | R99 | |
| 17 | V.120 56 000 bit/s | 22.002, 3.1.4 | R99 | |
| 18 | PIAFS 32 000 bit/s | 22.002, 3.1.6 | R99 | |
| 19 | PIAFS 64 000 bit/s | 22.002, 3.1.6 | R99 | |
| 20 | Frame Tunnelling Mode 56 000 bit/s | 22.002, 3.1.7 | R99 | |
| 21 | Frame Tunnelling Mode 64 000 bit/s | 22.002, 3.1.7 | R99 | |

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 | Comments |
|---|-------------------------------------|---------------|---------|----------|
| 1 | 3,1 kHz Audio 9 600 bit/s | 22.002, 3.1.1 | R99 | |
| 2 | 3,1 kHz Audio 14 400 bit/s | 22.002, 3.1.1 | R99 | |
| 3 | 3,1 kHz Audio 19 200 bit/s | 22.002, 3.1.1 | R99 | |
| 4 | 3,1 kHz Audio 28 800 bit/s | 22.002, 3.1.1 | R99 | |
| 5 | V.110 UDI 28 800 bit/s | 22.002, 3.1.2 | R99 | |
| 6 | V.110 UDI 48 000 bit/s | 22.002, 3.1.2 | R99 | |
| 7 | V.110 UDI 56 000 bit/s | 22.002, 3.1.2 | R99 | |
| 8 | X.31 Flag Stuffing UDI 9 600 bit/s | 22.002, 3.1.3 | R99 | |
| 9 | X.31 Flag Stuffing UDI 14 400 bit/s | 22.002, 3.1.3 | R99 | |
| 10 | X.31 Flag Stuffing UDI 19 200 bit/s | 22.002, 3.1.3 | R99 | |
| 11 | X.31 Flag Stuffing UDI 28 800 bit/s | 22.002, 3.1.3 | R99 | |
| 12 | X.31 Flag Stuffing UDI 38 400 bit/s | 22.002, 3.1.3 | R99 | |
| 13 | X.31 Flag Stuffing UDI 48 000 bit/s | 22.002, 3.1.3 | R99 | |
| 14 | X.31 Flag Stuffing UDI 56 000 bit/s | 22.002, 3.1.3 | R99 | |
| 15 | V.120 9 600 bit/s | 22.002, 3.1.4 | R99 | |
| 16 | V.120 14 400 bit/s | 22.002, 3.1.4 | R99 | |
| 17 | V.120 19 200 bit/s | 22.002, 3.1.4 | R99 | |
| 18 | V.120 28 800 bit/s | 22.002, 3.1.4 | R99 | |
| 19 | V.120 38 400 bit/s | 22.002, 3.1.4 | R99 | |
| 20 | V.120 48 000 bit/s | 22.002, 3.1.4 | R99 | |
| 21 | V.120 56 000 bit/s | 22.002, 3.1.4 | R99 | |
| 22 | Bit Transparent mode 56 000 bit/s | 22.002, 3.1.5 | R99 | |
| 23 | Bit Transparent mode 64 000 bit/s | 22.002, 3.1.5 | R99 | |
| 24 | Multimedia Call 28 800 bit/s | 22.002, 3.1.8 | R99 | |
| 25 | Multimedia Call 32 000 bit/s | 22.002, 3.1.8 | R99 | |
| 26 | Multimedia Call 33 600 bit/s | 22.002, 3.1.8 | R99 | |
| 27 | Multimedia Call 56 000 bit/s | 22.002, 3.1.8 | R99 | |
| 28 | Multimedia Call 64 000 bit/s | 22.002, 3.1.8 | R99 | |
| 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 | Comments |
|------|--------------------------------|-------------------------|---------|----------|
| 1 | Conversational | 23.107, 6.3.1, 6.5.1 | R99 | |
| 2 | Streaming | 23.107, 6.3.2, 6.5.1 | R99 | |
| 3 | Interactive | 23.107, 6.3.3, 6.5.1 | R99 | |
| 4 | Background | 23.107, 6.3.4, 6.5.1 | R99 | |

A.4.2.1.3 Supplementary Services

Table A.7: Supplementary Services

| Item | Supplementary services | Ref. | Release | Comments |
|------|--|------------------------|---------|----------|
| 1 | Call Deflection | 22.072; 22.004, 4 | R99 | |
| 2 | Calling Line Identification Presentation | 22.081, 1; 22.004, 4 | R99 | |
| 3 | Calling Line Identification Restriction | 22.081, 2; 22.004, 4 | R99 | |
| 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 | |
| 7 | Call Forwarding on Mobile Subscriber Busy | 22.082, 2; 22.004, 4 | R99 | |
| 8 | Call Forwarding on No Reply | 22.082, 3; 22.004, 4 | R99 | |
| 9 | Call Forwarding on Mobile Subscriber Not Reachable | 22.082, 4; 22.004, 4 | R99 | |
| 10 | Call Waiting | 22.083, 1; 22.004, 4 | R99 | |
| 11 | Call Hold | 22.083, 2 22.004, 4 | R99 | |
| 12 | Multi Party Service | 22.084; 22.004, 4 | R99 | |
| 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 | |
| 18 | Barring of Outgoing International Calls | 22.088, 1; 22.004, 4 | R99 | |
| 19 | Barring of Outgoing International Calls except those directed to the Home PLMN Country | 22.088, 1; 22.004, 4 | R99 | |
| 20 | Barring of All Incoming Calls | 22.088, 2; 22.004, 4 | R99 | |
| 21 | Barring of Incoming Calls when Roaming Outside the Home PLMN Country | 22.088, 2; 22.004, 4 | R99 | |
| 22 | Explicit call transfer | 22.091; 22.004, 4 | R99 | |
| 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 | |
| 27 | Multiple Subscriber Profile (MSP) | 22.097; 22.004, A | R99 | |
| 28 | Multicall | 22.135; 22.004, 4 | R99 | |
| 29 | enhanced Multi-Level Precedence and Pre-emption | 22.067; 22.004, 4 | R99 | |
| 30 | At least one non-call related Supplementary Service supported | | R99 | |

NOTE: Test cases for these features 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 | 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 include in R99 of TS 34.123-1.

A.4.2.1.5 GSM System Features

Table A.9: GSM System Features

| Item | GSM System Features | Ref. | Release | Comments |
|--|--|--------|---------|----------|
| 1 | Network Identity and Time Zone (NITZ) | 22.042 | R99 | |
| 2 | Unstructured Supplementary Service Data (USSD) | 22.090 | R99 | |
| NOTE: Test cases for these features will not be include in R99 of TS 34.123-1. | | | | |

A.4.2.2 Other UE Service Capabilities

Table A.10: Other UE Service Capabilities

| Item | Other UE Service Capabilities | Ref. | Release | Comments |
|------|------------------------------------|--------------------------------|---------|----------|
| 1 | Multimedia services (3G-324M) | 26.071, 26.110, 26.111, 26.112 | R99 | |
| 2 | Alternate speech/facsimile group 3 | 22.003, A.1.4 | R99 | |
| 3 | Automatic facsimile group 3 | 22.003, A.1.5 | R99 | |

A.4.3 Baseline Implementation Capabilities

Table A.11: Supported protocols

| Item | Supported protocols | Ref. | Release | Comments |
|------|----------------------------------|-------------|---------|----------|
| 1 | Call Control | 24.008, 5 | R99 | |
| 2 | Mobility Management | 24.008, 4 | R99 | |
| 3 | Session Management | 24.008, 6.1 | R99 | |
| 4 | GPRS Mobility Management | 24.008, 4 | R99 | |
| 5 | Radio Resource Control | 25.331 | R99 | |
| 6 | Packet Data Convergence Protocol | 25.323 | R99 | |
| 7 | Broadcast/Multicast Control | 25.324 | R99 | |
| 8 | Radio Link Control | 25.322 | R99 | |
| 9 | Medium Access Control | 25.321 | R99 | |
| 10 | Physical Layer | 25.201 | R99 | |

A.4.3.1 Baseline Implementation Capabilities to facilitate Conformance testing

Table A.12: Reference Measurement Channels

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

Table A.13: Special Conformance Testing Functions

| Item | Special Conformance Testing Functions | Ref. | Release | Comments |
|------|---|-------------|---------|----------|
| 1 | UE test loop | 34.109, 5.3 | R99 | |
| 2 | Max UE test loop UL RLC SDU size 65535 bits | 34.109, 6.2 | R99 | |

Table A.14: Terminal Logical Test Interface

| Item | Terminal Logical Test Interface | Ref. | Release | Comments |
|------|---|-----------|---------|----------|
| 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 | 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 | |
| 3 | Frequency band: 1 850-1 910, 1 930-1 990 MHz | 25.101, 5.2 | R99 | |
| 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 | |
| 10 | UE Power Class 2 (+27 dBm) | 25.101, 6.2.1 | R99 | |
| 11 | UE Power Class 3 (+24 dBm) | 25.101, 6.2.1 | R99 | |
| 12 | UE Power Class 4 (+21 dBm) | 25.101, 6.2.1 | R99 | |
| 13 | Output RF spectrum emissions | 25.101, 6.6 | R99 | |

Table A.16: TDD RF Baseline Implementation Capabilities

| Item | TDD RF Baseline Implementation Capabilities | Ref. | Release | Comments |
|------|---|---------------|---------|--|
| 1 | Chip rate 3,84 Mcps | 25.102, 5.1 | R99 | |
| 1a | Chip rate 1,28 Mcps | 25.102, 5.1 | Rel-4 | |
| 2 | Frequency band: 1 900-1 920 MHz | 25.102, 5.2 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 3 | Frequency band: 2 010-2 025 MHz | 25.102, 5.2 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 4 | Frequency band: 1 850-1 910 MHz | 25.102, 5.2 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 5 | Frequency band: 1 930-1 990 MHz | 25.102, 5.2 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 6 | Frequency band: 1 910-1 930 MHz | 25.102, 5.2 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 7 | Frequency band: Other spectrum | 25.102, 5.2 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 8 | Carrier raster: 200 kHz | 25.102, 5.4 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 9 | UE Power Class 2 (+24 dBm) | 25.102, 6.2.1 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 10 | UE Power Class 3 (+21 dBm) | 25.102, 6.2.1 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 11 | Output RF spectrum emissions | 25.102, 6.6 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |

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 | Comments |
|------|--|---------------|---------|----------|
| 1 | Support of turbo decoding | 25.306, 4.5.1 | R99 | |
| 2 | Support of turbo encoding | 25.306, 4.5.2 | R99 | |
| 3 | Support for SF 512 (downlink) | 25.306, 4.5.3 | R99 | |
| 4 | Support of PDSCH | 25.306, 4.5.3 | R99 | |
| 5 | Simultaneous reception of SCCPCH and DPCH | 25.306, 4.5.3 | R99 | |
| 6 | Simultaneous reception of SCCPCH, DPCH and PDSCH | 25.306, 4.5.3 | R99 | |
| 7 | Support of PCPCH | 25.306, 4.5.4 | R99 | |
| 8 | Support of uplink compressed mode only | 25.306, 4.9 | R99 | |
| 9 | Support of downlink compressed mode only | 25.306, 4.9 | R99 | |
| 10 | Support of uplink and downlink compressed mode | 25.306, 4.9 | R99 | |
| 11 | Support of Network based Network Assisted GPS | 25.306, 4.8 | R99 | |
| 12 | Support of UE based Network Assisted GPS | 25.306, 4.8 | R99 | |

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

| Item | TDD Layer 1 UE Radio Access Capabilities | Ref. | Release | Comments |
|------|---|----------------------|---------|--|
| 1 | Support of turbo decoding | 25.306, 4.5.1 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 2 | Support of turbo encoding | 25.306, 4.5.2 | R99 | Applicable for 3.84 Mcps and 1.28 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 only |
| 4 | Max.number of physical channels and TS per subframe | 25.306, 4.5.5, 4.5.6 | Rel-4 | Applicable for 1.28 Mcps only |
| 5 | Minimum SF | 25.306, 4.5.5, 4.5.6 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 6 | Support of PDSCH (Downlink) | 25.306, 4.5.5 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 7 | Max.number of physical channels per TS | 25.306, 4.5.5, 4.5.6 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |
| 8 | Support of 8PSK | 25.306, 4.5.5, 4.5.6 | Rel-4 | Applicable for 1.28 Mcps only |
| 9 | Support of PUSCH | 25.306, 4.5.5, 4.5.6 | R99 | Applicable for 3.84 Mcps and 1.28 Mcps |

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 |
| 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 (Minimum UE radio access capability) | | Comments |
|---|---|------------------------|--|-------|----------|
| | | | Parameter | Value | |
| 1 | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH | 34.108 6.10.2.4.1.1 | 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 | 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 6.10.2.4.1.2 | 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 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 6.10.2.4.1.3 | 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 | 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 TF | 32 | | | | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.10.2.4.1.4 | 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 | 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 6.10.2.4.1.5 | Same as for item 4. | | |
| 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 6.10.2.4.1.5a | Same as for item 4. | | |
| 6 | Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.10.2.4.1.6 | Same as for item 4. | | |
| 7 | Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.10.2.4.1.7 | Same as for item 4. | | |
| 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 6.10.2.4.1.7a | Same as for item 4. | | |
| 8 | Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.10.2.4.1.8 | Same as for item 4. | | |
| 9 | Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.10.2.4.1.9 | Same as for item 4. | | |
| 10 | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH | 34.108 6.10.2.4.1.10 | Same as for item 4. | | |
| 11 | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH | 34.108 6.10.2.4.1.11 | Same as for item 4. | | |
| 12 | Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.10.2.4.1.12 | DL Max TB bits | 2560 | |
| | | | DL Max CC TB bits | 640 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 | |
| 13.1 | Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI | 34.108 6.10.2.4.1.13 | DL Max TB bits | 2560 | |
| | | | 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 6.10.2.4.1.13 | 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 | 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 | |
| | | | Other required UE | None | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|---|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | radio access capability | | |
| 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 6.10.2.4.1.14 | DL Max TB bits | 1280 | |
| | | | 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 6.10.2.4.1.14 | DL Max TB bits | 2560 | |
| | | | 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 6.10.2.4.1.15 | DL Max TB bits | 1280 | |
| | | | 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 | | | | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|---|-------------------------|---|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.10.2.4.1.16 | DL Max TB bits | 2560 | |
| | | | 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 6.10.2.4.1.17 | 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 | 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 | | | | |
| 18 | Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH See note | 34.108 6.10.2.4.1.18 | 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 | 16 | |
| DL Max TFS | 16 | | | | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 See note | 34.108 6.10.2.4.1.19 | DL Max TB bits | 1280 | |
| | | | 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 6.10.2.4.1.23 | DL Max TB bits | 640 | |
| | | | 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 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|---|-------|----------|
| | | | Parameter | Value | |
| | | | radio access capability | | |
| 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 6.10.2.4.1.23 | DL Max TB bits | 640 | |
| | | | 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 6.10.2.4.1.23 | 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 | | | | |
| 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 6.10.2.4.1.23 | 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 | 1280 | |
| | | | UL Max CC TB bits | 1280 | |
| | | | UL Max TC TB bits | N/A | |
| | | | UL Max TrCHs | 2 | |
| | | | UL Max TTI TB | 4 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|-------|---|--------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.10.2.4.1.23a | 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 | 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 6.10.2.4.1.23a | DL Max TB bits | 640 | |
| | | | 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 | |
| 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 6.10.2.4.1.24 | DL Max TB bits | 640 | |
| | | | 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 (Minimum UE radio access capability) | | 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 TTI TB | 8 | |
| | | | 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 6.10.2.4.1.24 | 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 | |
| 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 6.10.2.4.1.25 | 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 | 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 6.10.2.4.1.25 | DL Max TB bits | 2560 | |
| | | | DL Max CC TB bits | 640 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | 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 | 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 6.10.2.4.1.25 | 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 | 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 6.10.2.4.1.25 | 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 | 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 | None | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|----------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | radio access capability | | |
| 26 | Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.10.2.4.1.26 | 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 | 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 6.10.2.4.1.27 | 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 | 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 6.10.2.4.1.28 | 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 | 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 | | | | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.10.2.4.1.29 | 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 | 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 6.10.2.4.1.30 | 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 | 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 6.10.2.4.1.31 | 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 | 16 | |
| | | | DL Max TF | 32 | |
| | | | DL TC | Yes | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.10.2.4.1.31 | DL Max TB bits | 6400 | |
| | | | 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 6.10.2.4.1.32 | DL Max TB bits | 5120 | |
| | | | 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 | |
| | | | 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 6.10.2.4.1.32 | DL Max TB bits | 8960 | |
| | | | DL Max CC TB bits | 640 | |
| | | | DL Max TC TB bits | 8960 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|---|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.10.2.4.1.33 | DL Max TB bits | 5120 | |
| | | | 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 6.10.2.4.1.33 | 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 | 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 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|---|-------|----------|
| | | | Parameter | Value | |
| 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 6.10.2.4.1.34 | capability | | |
| | | | DL Max TB bits | 5120 | |
| | | | 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 6.10.2.4.1.34 | 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 | 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 | | | | |
| 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 6.10.2.4.1.35 | DL Max TB bits | 40960 | |
| | | | 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 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | 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 | |
| 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 6.10.2.4.1.35 | DL Max TB bits | 81920 | |
| | | | 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 6.10.2.4.1.36 | DL Max TB bits | 40960 | |
| | | | 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 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 6.10.2.4.1.36 | DL Max TB bits | 81920 | |
| | | | 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 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | 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 | 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 6.10.2.4.1.37 | DL Max TB bits | 40960 | |
| | | | 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 | |
| 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 6.10.2.4.1.37 | DL Max TB bits | 81920 | |
| | | | 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 + | 34.108 6.10.2.4.1.38 | DL Max TB bits | 1280 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI | | | | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.38 | DL Max TB bits | 1280 | |
| | | | 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 | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.38 | DL Max TB bits | 1280 | |
| | | | 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 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|---|--|----------|
| | | | Parameter | Value | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.38 | DL Max TB bits | 1280 | |
| | | | 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 | |
| | | | UL Max TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.39 | 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 | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.39 | DL Max TB bits | 2560 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.39 | 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 | 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 | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.39 | 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 | 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 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|---|--|----------|
| | | | Parameter | Value | |
| | | | UL Max TFS | 16 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.40 | 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 | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.41 | 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 | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.42 | DL Max TB bits | 3840 | |
| | | | DL Max CC TB bits | 640 | |
| | | | DL Max TC TB bits | 3840 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.42 | DL Max TB bits | 6400 | |
| | | | 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 TTI TB | 8 | |
| | | | UL Max TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.43 | DL Max TB bits | 5120 | |
| | | | 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 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|---|--|----------|
| | | | Parameter | Value | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.43 | DL Max TB bits | 8960 | |
| | | | 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 TTI TB | 8 | |
| | | | UL Max TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| Other required UE radio access capability | Simultaneous CS and PS bearer services | | | | |
| 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 6.10.2.4.1.44 | DL Max TB bits | 40960 | |
| | | | 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 | Simultaneous CS and PS bearer services | | | | |
| 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 6.10.2.4.1.44 | DL Max TB bits | 81920 | |
| | | | DL Max CC TB bits | 640 | |
| | | | DL Max TC TB bits | 81920 | |
| | | | DL Max TrCHs | 8 | |
| | | | DL Max CCTrCH | 1 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.45 | DL Max TB bits | 3840 | |
| | | | 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 See note 1 | 34.108 6.10.2.4.1.46 | DL Max TB bits | 3840 | |
| | | | 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 | Multicall | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|---|-------------------------|--|--------|----------|
| | | | Parameter | Value | |
| | | | radio access capability | (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 6.10.2.4.1.49 | DL Max TB bits | 2560 | |
| | | | 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 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 6.10.2.4.1.49 | DL Max TB bits | 3840 | |
| | | | 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 6.10.2.4.1.50 | 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 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|------------------|----------|
| | | | Parameter | Value | |
| | | | 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 | |
| | | | 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 6.10.2.4.1.50 | DL Max TB bits | 6400 | |
| | | | 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 6.10.2.4.1.51 | 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 | 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 | Simultaneous | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|--|---------------------------|----------|
| | | | Parameter | Value | |
| | | | radio access capability | CS and PS bearer services | |
| 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 6.10.2.4.1.51 | DL Max TB bits | 5120 | |
| | | | 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 | Simultaneous CS and PS bearer services | | | | |
| 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 6.10.2.4.1.52 | DL Max TB bits | 5120 | |
| | | | 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 | Simultaneous CS and PS bearer services | | | | |
| 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 6.10.2.4.1.52 | DL Max TB bits | 6400 | |
| | | | 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 | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.53 | DL Max TB bits | 5120 | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.1.53 | DL Max TB bits | 6400 | |
| | | | 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 | Simultaneous CS and PS bearer services | |

| Item | FDD interoperability radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|--|---|----------|
| | | | Parameter | Value | |
| 54 | Interactive or background / UL:64 kbps / PS RAB + Streaming / unknown / UL:0 kbps / CS RAB + UL:3.4 kbps / SRBs for DCCH See note | 34.108 6.10.2.4.1.54 | DL Max TB bits | 5120 | |
| | | | 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 TTI TB | 8 | |
| | | | UL Max TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | | Other required UE radio access capability | |
| 55 | Void | | | | |
| <p>NOTE: 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. | | 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 6.10.2.4.2.1 | DL Max TB bits | 3840 | |
| | | | 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 6.10.2.4.2.1 | DL Max TB bits | 6400 | |
| | | | 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 6.10.2.4.2.2 | DL Max TB bits | 5120 | |
| | | | 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. | | 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 6.10.2.4.2.2 | DL Max TB bits | 8960 | |
| | | | 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 6.10.2.4.2.3 | DL Max TB bits | 40960 | |
| | | | 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 6.10.2.4.2.3 | DL Max TB bits | 81920 | |
| | | | 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 | |
| | | | UL Max TF | 32 | |

| Item | FDD interoperability radio bearer configuration for combination on PDSCH and DPCH | Ref. | UE radio access capability See note. | | Comments |
|------|--|------------------------|---|---|----------|
| | | | 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 6.10.2.4.2.4 | DL Max TB bits | 3840 | |
| | | | 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; and Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.2.4 | DL Max TB bits | 6400 | |
| | | | 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; and Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.2.5 | DL Max TB bits | 5120 | |
| | | | DL Max CC TB bits | 640 | |
| | | | DL Max TC TB bits | 5120 | |
| | | | DL Max TrCHs | 8 | |
| | | | DL Max CCTrCH | 2 | |
| | | | DL Max TTI TB | 16 | |

| Item | FDD interoperability radio bearer configuration for combination on PDSCH and DPCH | Ref. | UE radio access capability See note. | | 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 | 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; and Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.2.5 | DL Max TB bits | 8960 | |
| | | | 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; and Simultaneous CS and PS bearer services | |
| 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 6.10.2.4.2.6 | DL Max TB bits | 40960 | |
| | | | 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; and Simultaneous CS and PS | |

| Item | FDD interoperability radio bearer configuration for combination on PDSCH and DPCH | Ref. | UE radio access capability See note. | | 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 6.10.2.4.2.6 | DL Max TB bits | 81920 bearer services | |
| | | | 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; and Simultaneous CS and PS bearer services | | | | |

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

| Item | FDD interoperability radio bearer configuration for combination on SCCPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|------------------------|---|------|----------|
| 1 | Stand-alone signalling RB for PCCH | 34.108 6.10.2.4.3.1 | 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 6.10.2.4.3.2 | DL Max TB bits | 1280 | |
| | | | 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 6.10.2.4.3.3 | DL Max TB bits | 1280 | |
| | | | 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 6.10.2.4.3.4 | DL Max TB bits | 1280 | |
| | | | 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 6.10.2.4.3.5 | DL Max TB bits | 1280 | |
| | | | 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 |
|--|--|---|------|

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

| Item | FDD interoperability radio bearer configuration for combination on PRACH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|------------------------|--|-----|----------|
| | | | | | |
| 1 | Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH | 34.108 6.10.2.4.4.1 | 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 | Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH | 34.108 6.10.2.4.4.2 | 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 | | | |

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 | Support for turbo encoding |

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 (Minimum UE radio access capability) | | Comments |
|---|---|------------------------|--|-------|----------|
| | | | Parameter | Value | |
| 1 | Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH | 34.108 6.11.5.4.1.1 | 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 | 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 6.11.5.4.1.2 | 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 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 6.11.5.4.1.3 | 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 | 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 | | | | |
| 4 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for | 34.108 6.11.5.4.1.4 | DL Max TB bits | 640 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | 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 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 6.11.5.4.1.5 | Same as for item 4. | | |
| 6 | Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.11.5.4.1.6 | Same as for item 4. | | |
| 7 | Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.11.5.4.1.7 | Same as for item 4. | | |
| 8 | Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.11.5.4.1.8 | Same as for item 4. | | |
| 9 | Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.11.5.4.1.9 | Same as for item 4. | | |
| 10 | Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH | 34.108 6.11.5.4.1.10 | Same as for item 4. | | |
| 11 | Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH | 34.108 6.11.5.4.1.11 | Same as for item 4. | | |
| 12 | Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.11.5.4.1.12 | DL Max TB bits | 2560 | |
| | | | 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 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| 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 6.11.5.4.1.13 | DL Max TB bits | 2560 | |
| | | | 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 6.11.5.4.1.13 | 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 | 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 | | | | |
| 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 6.11.5.4.1.14 | DL Max TB bits | 1280 | |
| | | | 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 | | | | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | radio access capability | | |
| 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 6.11.5.4.1.14 | DL Max TB bits | 2560 | |
| | | | 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 6.11.5.4.1.15 | DL Max TB bits | 1280 | |
| | | | 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 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 6.11.5.4.1.16 | DL Max TB bits | 2560 | |
| | | | 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 | | | | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|-------|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| 17 | Streaming / unknown / UL:57.6/DL:57.6kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.11.5.4.1.14 | Other required UE radio access capability | None | |
| | | | 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 | 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 | | | | |
| 18 | Streaming / unknown / UL:0/DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH See note | 34.108 6.11.5.4.1.18 | Other required UE radio access capability | None | |
| | | | 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 | 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 | | | | |
| 19 | Streaming / unknown / UL:64/DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH See note | 34.108 6.11.5.4.1.19 | Other required UE radio access capability | None | |
| | | | DL Max TB bits | 1280 | |
| | | | 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 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|---|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| 20 | void | | UL TC | Yes | |
| 21 | void | | Other required UE radio access capability | None | |
| 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 6.11.5.4.1.23 | DL Max TB bits | 640 | |
| | | | 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 | | | | |
| 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 6.11.5.4.1.23 | DL Max TB bits | 640 | |
| | | | 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 6.11.5.4.1.23 | 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 | |
| 1280 | 640 | | | | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.11.5.4.1.23 | 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 | 1280 | |
| | | | 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 6.11.5.4.1.24 | DL Max TB bits | 640 | |
| | | | 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 6.11.5.4.1.24 | 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 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.11.5.4.1.25 | 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 | 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/ UL:32/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (TC, 20ms TTI) | 34.108 6.11.5.4.1.25 | 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 | 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/ UL:32/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (CC, 10ms TTI) | 34.108 6.11.5.4.1.25 | 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 | Yes | |
| | | | UL Max TB bits | 640 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 | |
| | | | 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 6.11.5.4.1.25 | 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 | 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 6.11.5.4.1.26 | 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 | 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 6.11.5.4.1.27 | 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 | 16 | |
| | | | DL Max TF | 32 | |
| | | | DL TC | Yes | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 | |
| 28 | Interactive or Background/ UL:128/DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH | 34.108 6.11.5.4.1.28 | 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 | 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 6.11.5.4.1.29 | 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 | 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 6.11.5.4.1.30 | 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 | 16 | |
| | | | DL Max TF | 32 | |
| | | | DL Max TF | 32 | |
| | | | DL Max TF | 32 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | 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 | |
| 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 6.11.5.4.1.31 | 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 | 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 6.11.5.4.1.31 | DL Max TB bits | 6400 | |
| | | | 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 | |
| | | | 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 6.11.5.4.1.32 | DL Max TB bits | 5120 | |
| | | | 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 | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | 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 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 6.11.5.4.1.32 | 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 | 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 6.11.5.4.1.33 | DL Max TB bits | 5120 | |
| | | | 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 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 6.11.5.4.1.33 | 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 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | 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 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 6.11.5.4.1.34 | DL Max TB bits | 5120 | |
| | | | 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 | |
| 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 6.11.5.4.1.34 | 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 | 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 6.11.5.4.1.35 | DL Max TB bits | 40960 | |
| | | | DL Max CC TB bits | 640 | |
| | | | DL Max TC TB bits | 40960 | |
| | | | DL Max TrCHs | 4 | |
| | | | DL Max CCTrCH | 1 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.11.5.4.1.35 | DL Max TB bits | 81920 | |
| | | | 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 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 6.11.5.4.1.36 | DL Max TB bits | 40960 | |
| | | | 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 6.11.5.4.1.36 | DL Max TB bits | 81920 | |
| | | | DL Max CC TB bits | 640 | |
| | | | DL Max TC TB bits | 81920 | |
| | | | DL Max TrCHs | 4 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | | | 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 6.11.5.4.1.37 | DL Max TB bits | 40960 | |
| | | | 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 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 6.11.5.4.1.37 | DL Max TB bits | 81920 | |
| | | | 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 6.11.5.4.1.38 | DL Max TB bits | 1280 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | | | 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 TFS | 16 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.38 | DL Max TB bits | 1280 | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.38 | DL Max TB bits | 1280 | |
| | | | 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 | Simultaneous | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|---|-------------------------|--|------------------------------|----------|
| | | | Parameter | Value | |
| | | | radio access capability | CS and PS bearer services | |
| 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 6.11.5.4.1.38 | DL Max TB bits | 1280 | |
| | | | 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 | Simultaneous CS and PS bearer services | | | | |
| 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 6.11.5.4.1.39 | 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 | 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 | Simultaneous CS and PS bearer services | | | | |
| 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 6.11.5.4.1.39 | 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 | 32 | |
| | | | DL Max TF | 32 | |
| | | | DL Max 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 (Minimum UE radio access capability) | | 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 | 8 | |
| | | | UL Max CCTrCH | 1 | |
| | | | UL Max TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.39 | 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 | 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 | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.39 | 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 | 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 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 40 | Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / | 34.108 6.11.5.4.1.40 | DL Max TB bits | 2560 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH | | | | |
| | | | 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 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.41 | 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 | 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 | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.42 | 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 | 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 (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | | | UL Max TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.42 | DL Max TB bits | 6400 | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.43 | DL Max TB bits | 5120 | |
| | | | 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 | |
| | | | UL Max CCTrCH | 1 | |
| | | | UL Max TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.43 | DL Max TB bits | 8960 | |
| | | | DL Max CC TB bits | 640 | |
| | | | DL Max TC TB bits | 8960 | |
| | | | DL Max TrCHs | 8 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.44 | DL Max TB bits | 40960 | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.44 | DL Max TB bits | 81920 | |
| | | | 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 | Simultaneous CS and PS bearer services | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|---|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| 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 6.11.5.4.1.45 | DL Max TB bits | 3840 | |
| | | | 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 See note 1 | 34.108 6.11.5.4.1.46 | DL Max TB bits | 3840 | |
| | | | 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 CCTrCH | 1 | |
| | | | UL Max TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| Other required UE radio access capability | Multicall (2xCS) | | | | |
| 47 | Void | | | | |
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| | | | | | |
| 48 | Void | | | | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| | 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 | 6.11.5.4.1.50 | 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 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 6.11.5.4.1.50 | DL Max TB bits | 6400 | |
| | | | 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) | | | | |
| 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 6.11.5.4.1.51 | 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 | 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 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|---|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | | | UL Max TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.51 | DL Max TB bits | 5120 | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.52 | DL Max TB bits | 5120 | |
| | | | 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 TFS | 32 | |
| | | | UL Max TF | 32 | |
| | | | UL TC | Yes | |
| | | | Other required UE radio access capability | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.52 | DL Max TB bits | 6400 | |
| | | | DL Max CC TB bits | 640 | |
| | | | DL Max TC TB bits | 6400 | |
| | | | DL Max TrCHs | 4 | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|------|--|-------------------------|--|--|----------|
| | | | Parameter | Value | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.53 | DL Max TB bits | 5120 | |
| | | | 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 | Simultaneous CS and PS bearer services | |
| 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 6.11.5.4.1.53 | DL Max TB bits | 6400 | |
| | | | 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 | Simultaneous CS and PS bearer services | |

| Item | 1.28 Mcps TDD option radio bearer configuration for combination on DPCH | Ref. | Applicability (Minimum UE radio access capability) | | Comments |
|---|--|-------------------------|--|-------|----------|
| | | | Parameter | Value | |
| 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 See note | 34.108 6.11.5.4.1.54 | DL Max TB bits | 5120 | |
| | | | 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 | Simultaneous CS and PS bearer services | | | | |

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 (Minimum UE radio access capability) | | Comments |
|------|---|----------------------------|---|------|----------|
| 1 | Stand-alone signalling RB for PCCH | 34.108 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 6.11.5.4.4.2 | DL Max TB bits | 1280 | |
| | | | 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 6.11.5.4.4.3 | DL Max TB bits | 1280 | |
| | | | 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 | |

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 (Minimum UE radio access capability) | | Comments |
|------|---|------------------------|--|-----|----------|
| | | | | | |
| 1 | Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH | 34.108 6.11.5.4.5.1 | 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 | | | |

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

Table A.19a: PDCP Parameters

| Item | PDCP Parameters | Ref. | Release | Comments |
|------|-------------------------------------|------------------------|---------|---|
| 1 | Support of RFC 2507 | 25.323, 5.1.2 | R99 | IP header compression protocol RFC 2507 is supported |
| 2 | Support of Lossless SRNS relocation | 25.323, 5.4 | R99 | 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 |

Table A.19b: BMC Parameters

| Item | BMC Parameters | Ref. | Release | 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 |

A.4.4 Additional information

Table A.20: Additional information

| Item | Additional information | Ref. | Release | Comments |
|------|--|---|---------|----------|
| 1 | At least one bearer service | 22.002, 3 | R99 | |
| 2 | At least one supplementary service | 22.004, 4 | R99 | |
| 3 | Inter-system measurement for GSM | 25.331, 8.4 | R99 | |
| 4 | At least one MO circuit switched basic service | 24.008, 5.3.4.2.1 | R99 | |
| 5 | At least one MT circuit switched basic service | 24.008, 5.3.4.2.2 | R99 | |
| 6 | Immediate connect supported for all circuit switched basic services. | 24.008, 5.2.1.6 | R99 | |
| 7 | Activation of one or more PDP contexts simultaneously | [TBD] | R99 | |
| 8 | Sending of correct acknowledgement of memory full condition | [TBD] | R99 | |
| 9 | Status report capability | [TBD] | R99 | |
| 10 | Support of network requested PDP context activation | 24.008, 6.1.3.1.2 | R99 | |
| 11 | Storing of received Class 1 short messages | [TBD] | R99 | |
| 12 | Storing of received Class 2 short messages in the SIM | [TBD] | R99 | |
| 13 | Replacing of short messages | [TBD] | R99 | |
| 14 | Reply procedures | 23.040, Annex 4 | R99 | |
| 15 | Sending of multiple short messages on the same RR connection when there is no call in progress | [TBD] | R99 | |
| 16 | Sending of concatenated multiple short messages when there is a call in progress | [TBD] | R99 | |
| 17 | Only circuit switched basic service supported by the mobile is emergency call | 22.003, 6, A.1.2 | R99 | |
| 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 24.093, 4.1 | R99 | |
| 25 | DTMF protocol control procedure | 24.008, 5.5.7 | R99 | |
| 26 | Secondary PDP context activation procedure | 24.008, 6.1.3.2 | R99 | |
| 27 | Support of UMTS encryption algorithm UEA1 | 33.102, 6.6 | R99 | |
| 28 | Support of UMTS integrity algorithm UIA1 | 33.102, 6.5 | R99 | |
| 29 | Support Automatic calling repeat call attempt | 22.001, Annex E | R99 | |
| 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 | |
| 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 | |
| 35 | Support switch on/off | | R99 | |
| 36 | Support USIM removal without power down | | R99 | |
| 37 | Indication and user selection of PLMN | 23.122, 4.4.3 | R99 | |
| 38 | Support of automatic PS attach procedure at switch on. | | R99 | |
| 39 | User requested combined PS and non-PS detached without powering off | 24.008, 4.7.4 | R99 | |
| 40 | User requested non-PS detached | 24.008, 4.7.4 | R99 | |
| 41 | Support for user setting of minimum QoS | [TBD] | R99 | |
| 42 | PS attach attempted automatically by outstanding request | 24.008, 4.7 | R99 | |
| 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 | |
| 44 | Algorithm A5/1 supported | 24.008, 10.5.1.6 | R99 | |

| | | | | |
|----|---|------------------|-----|--|
| 45 | Controlled Early Classmark Sending ^a option implementation | 24.008, 10.5.1.6 | R99 | |
| 46 | Algorithm A5/2 supported | 24.008, 10.5.1.6 | R99 | |
| 47 | Algorithm A5/3 supported | 24.008, 10.5.1.6 | R99 | |
| 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 | Support any options that are indicated in CM3 | 24.008, 10.5.1.6 | R99 | |
| 53 | Support the E-GSM or R-GSM band | 24.008, 10.5.1.6 | R99 | |
| 54 | LCS value added location request notification capability | 24.008, 10.5.1.6 | R99 | |
| 55 | CM Service Prompt | 24.008, 10.5.1.6 | R99 | |
| 56 | Pseudo Synchronisation Capability | 24.008, 10.5.1.6 | R99 | |
| 57 | SM capability | 24.008, 10.5.1.6 | R99 | |
| 58 | SoLSA Support | 24.008, 10.5.1.6 | R99 | |
| 59 | UCS2 Encoding | 24.008, 10.5.1.6 | R99 | |
| 60 | VBS notification reception | 24.008, 10.5.1.6 | R99 | |
| 61 | VGCS Capability | 24.008, 10.5.1.6 | R99 | |

Annex B (informative):
Void

Annex C (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 |
| 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 | F | 4.1.0 | 4.2.0 | T1-020069 |

| Meeting -1st- Level | Doc-1st-Level | CR | Rev | Subject | Cat | Version - Current | Version -New | Doc-2nd- Level |
|---------------------------|---------------|-----|-----|---|-----|-------------------------|-----------------|-------------------|
| | | | | test cases | | | | |
| 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 |
| 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 | 1 | 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 | F | 5.1.0 | 5.2.0 | T1-020835 |

| Meeting -1st- Level | Doc-1st-Level | CR | Rev | Subject | Cat | Version - Current | Version -New | Doc-2nd- Level |
|---------------------------|---------------|-----|-----|---|-----|-------------------------|-----------------|-------------------|
| | | | | table | | | | |
| 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-030050 | 095 | - | Update of Applicability statement for GMM | F | 5.2.0 | 5.3.0 | T1-030116 |
| TP-19 | TP-030050 | 096 | - | Update of test case applicability | F | 5.2.0 | 5.3.0 | T1-030117 |
| TP-19 | TP-030050 | 097 | - | Correction of conditions C30, C31 and C32 used in clause | F | 5.2.0 | 5.3.0 | T1-030118 |
| TP-19 | TP-030050 | 098 | - | Update to Applicability Table for Package 1 Test Cases | F | 5.2.0 | 5.3.0 | T1-030119 |
| TP-19 | TP-030050 | 099 | - | Inclusion of new test cases for Measurement Control and | F | 5.2.0 | 5.3.0 | T1-030213 |
| TP-19 | TP-030050 | 100 | - | Update of applicability table including test case for events | F | 5.2.0 | 5.3.0 | T1-030219 |
| TP-19 | TP-030050 | 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 |
| 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 fromCELL_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 | 21 | | 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 | 22 | | New RRC test cases on Paging | F | 5.5.0 | 5.6.0 | T1-031396 |
| TP-22 | TP-030283 | 23 | | 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 | 24 | | Introduction of test cases on A-GPS positioning | F | 5.5.0 | 5.6.0 | T1-031633 |
| TP-22 | TP-030283 | 25 | | Correction of Applicability table for RRC Measurement test cases | F | 5.5.0 | 5.6.0 | T1-031678 |
| TP-22 | TP-030283 | 26 | | New RRC test case on soft handover for multiple radio links | F | 5.5.0 | 5.6.0 | T1-031400 |
| TP-22 | TP-030283 | 27 | | 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 |

| Meeting -1st- Level | Doc-1st-Level | CR | Rev | Subject | Cat | Version - Current | Version -New | Doc-2nd- Level |
|---------------------------|---------------|----|-----|---|-----|-------------------------|-----------------|-------------------|
| TP-22 | TP-030283 | 33 | | Removal of package 1 RRC test case 8.2.5.1 | F | 5.5.0 | 5.6.0 | T1-031530 |
| TP-22 | TP-030283 | 34 | | Add new PICS parameters | F | 5.5.0 | 5.6.0 | T1-031584 |
| TP-22 | TP-030283 | 35 | | Change of applicability for RLC P1 TC 7.2.3.13 | F | 5.5.0 | 5.6.0 | T1-031639 |
| TP-22 | TP-030283 | 36 | | 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 |

History

| Document history | | |
|-------------------------|----------------|-------------|
| V5.0.0 | June 2002 | Publication |
| V5.1.0 | September 2002 | Publication |
| V5.2.0 | December 2002 | Publication |
| V5.3.0 | March 2003 | Publication |
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