

ETSI TS 136 523-2 V9.8.0 (2012-03)



Technical Specification

**LTE;
Evolved Universal Terrestrial Radio Access (E-UTRA) and
Evolved Packet Core (EPC);
User Equipment (UE) conformance specification;
Part 2: Implementation Conformance Statement (ICS)
proforma specification
(3GPP TS 36.523-2 version 9.8.0 Release 9)**



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Foreword

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- z the third digit is incremented when editorial only changes have been incorporated in the document.

Introduction

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

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

3GPP TS 36.523-1 [19]: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification".

3GPP TS 36.523-2: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification". (the present document)

3GPP TS 36.523-3 [20]: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 3: Abstract Test Suite (ATS)".

1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for 3rd Generation User Equipment (UE), in compliance with the relevant EPS (E-UTRA/EPC) requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-1 [24] and ISO/IEC 9646-7 [25].

The present document also specifies a recommended applicability statement for the test cases included in TS 36.523-1 [19]. These applicability statements are based on the features implemented in the UE.

Special conformance testing functions can be found in TS 36.509 [6] and the common test environments are included in 3GPP TS 36.508 [18].

The present document is valid for UE complying with EPS (E-UTRA/EPC) and implemented according to 3GPP releases starting from Release 8 up to the Release indicated on the cover page of the present document.

2 References

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

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document in the same Release as the present document.
 - For a Release 8 UE, references to 3GPP documents are to version 8.x.y, when available.

Editor's Note: The Reference list is incomplete and some references are still to UMTS specs.

- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 23.003: "Numbering, Addressing and Identification".
- [3] 3GPP TS 23.122: "Non-Access-Stratum functions related to Mobile Station (MS) in idle mode".
- [4] 3GPP TS 24.008: "Mobile Radio Interface Layer 3 specification; Core Network Protocols; Stage 3".
- [5] 3GPP TS 34.108: "Common Test Environments for User Equipment (UE) Conformance Testing".
- [6] 3GPP TS 36.509: "Special conformance testing functions for User Equipment".
- [7] 3GPP TS 34.123-1: "User Equipment (UE) conformance specification; Part 1: Protocol conformance specification".
- [8] 3GPP TS 34.123-2: "User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification".
- [9] 3GPP TS 34.123-3: "User Equipment (UE) conformance specification; Part 3: Abstract Test Suites (ATS)".
- [10] 3GPP TS 36.300: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2".
- [11] 3GPP TS 36.302: "Services provided by the physical layer for E-UTRA".
- [12] 3GPP TS 36.304: "Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) Procedures in idle mode".

- [13] 3GPP TS 36.306: "Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) Radio Access capabilities".
- [14] 3GPP TS 36.321: "Evolved Universal Terrestrial Radio Access (E-UTRA) Medium Access Control (MAC) protocol specification".
- [15] 3GPP TS 36.322: "Evolved Universal Terrestrial Radio Access (E-UTRA) Radio Link Control (RLC) protocol specification".
- [16] 3GPP TS 36.323: "Evolved Universal Terrestrial Radio Access (E-UTRA) Packet Data Convergence Protocol (PDCP) specification".
- [17] 3GPP TS 36.331: "Evolved Universal Terrestrial Radio Access (E-UTRA) Radio Resource Control (RRC) Protocol Specification".
- [18] 3GPP TS 36.508: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Common Test Environments for User Equipment (UE) Conformance Testing".
- [19] 3GPP TS 36.523-1: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification".
- [20] 3GPP TS 36.523-3: " Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 3: Abstract Test Suites (ATS)".
- [21] 3GPP TR 24.801: "3GPP System Architecture Evolution; CT WG1 Aspects".
- [22] 3GPP TS 23.401: "3GPP System Architecture Evolution; GPRS enhancements for E-UTRAN access".
- [23] 3GPP TS 51.010-1: "Mobile Station (MS) conformance specification; Part 1: Conformance specification".
- [24] ISO/IEC 9646-1: "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [25] ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".
- [26] 3GPP2 C.S0024-A-v3.0: "cdma2000 High Rate Packet Data Air Interface Specification".
- [27] 3GPP2 C.S0002-A: "Physical Layer Standard for cdma2000 Spread Spectrum Systems – Release A".
- [28] 3GPP TS 24.303: "Mobility management based on Dual-Stack Mobile IPv6; Stage 3".
- [29] IEEE Std 802.11 (1999): "Standard for Information Technology - Telecommunications and information exchange between systems - Local and Metropolitan Area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications".
- [30] 3GPP TS 36.307: "Requirements on User Equipments (UEs) Supporting a release-independent frequency band".
- [33] GSMA PRD IR.92: "IMS Profile for Voice and SMS".
- [34] 3GPP TS 22.101: "Service aspects; Service principles"
- [35] 3GPP TS 34.229-2: 'Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) specification'

3 Definitions, symbols and abbreviations

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

- such given in TR 21.905[1]
- such given in ISO/IEC 9646-1 [24] and ISO/IEC 9646-7 [25]

NOTE: Some terms and abbreviations defined in [24] and [25] are explicitly included below with small modification to reflect the terminology used in 3GPP.

3.1 Definitions

Implementation Conformance Statement (ICS): A statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented.

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

Implementation eXtra Information for Testing (IXIT): A statement made by a supplier or implementer of an UEUT which contains or references all of the information (in addition to that given in the ICS) related to the UEUT and its testing environment, which will enable the test laboratory to run an appropriate test suite against the UEUT.

IXIT proforma: A document, in the form of a questionnaire, which when completed for an UEUT becomes an IXIT.

Protocol Implementation Conformance Statement (PICS): An ICS for an implementation or system claimed to conform to a given protocol specification.

Protocol Implementation eXtra Information for Testing (PIXIT): An IXIT related to testing for conformance to a given protocol specification.

static conformance review: A review of the extent to which the static conformance requirements are claimed to be supported by the UEUT, by comparing the answers in the ICS(s) with the static conformance requirements expressed in the relevant specification(s).

3.2 Symbols

No specific symbols have been identified so far.

3.3 Abbreviations

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

| | |
|-------|---|
| ENB | Evolved Node B |
| FFS | For Further Study |
| ICS | Implementation Conformance Statement |
| IXIT | Implementation eXtra Information for Testing |
| PICS | Protocol Implementation Conformance Statement |
| PIXIT | Protocol Implementation eXtra Information for Testing |
| SCS | System Conformance Statement |
| TC | Test Case |
| UEUT | User Equipment Under Test |

4 Recommended Test Case Applicability

The applicability of each individual test is identified in Table 4-1. 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.

Additional information related to the Test Case (TC), e.g. affecting its dynamic behaviour or its execution may be provided as well

The columns in Table 1 have the following meaning:

Clause

The clause column indicates the clause number in TS 36.523-1 [19] that contains the test body.

Title

The title column describes the name of the test and contains the clause title of the clause in TS 36.523-1 [19] that contains the test body.

Release

The release column indicates the earliest release from which each the test case is applicable.

Applicability - Condition

The following notations are used for the applicability column:

| | |
|----------------|--|
| R | recommended - the test case is recommended |
| O | optional – the test case is optional |
| N/A | not applicable - in the given context, the test case is not recommended. |
| C _i | conditional - the test is recommended ("R") or not ("N/A") depending on the support of other items. "i" is an integer identifying a 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. |

NOTE: The conditions are defined in Table 4-1a.

Applicability - Comments

This column contains a verbal description of the condition.

Additional Information - Specific ICS

This column contains the mnemonics of ICS(s) affecting the dynamic behaviour of the TC.

Additional Information - Specific IXIT

This column contains the mnemonics of IXIT(s) affecting the dynamic behaviour of the TC.

NOTE 1: More columns may be added in the future if appropriate e.g. Number of test executions, etc.

Additional Information - Number of TC Executions

This column contains, wherever applicable, the recommended for certification purposes number of TC executions. Clarifying notes are listed in Table 4-1b.

NOTE 2: To meet the validation requirements from certification bodies then there is a need to uniquely reference the FDD and TDD branch of common FDD and TDD test cases. The FDD and TDD branches of common FDD and TDD test cases can be referenced by amending a "FDD" or "TDD" suffix to the test case clause number. For example for AM RLC test case 7.2.3.13 the FDD and TDD branches can be identified by "7.2.3.13 FDD" and "7.2.3.13 TDD".

Table 4-1: Applicability of tests and additional information for testing

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
|----------|---|---------|---------------|--|------------------------|---------------|---|
| | | | Condition | Comment | Specific ICS | Specific IXIT | |
| | IDLE MODE | | | | | | |
| 6.1.1.1 | PLMN selection of RPLMN, HPLMN/EHPLMN, UPLMN and OPLMN / Automatic mode | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.1.1a | PLMN selection of RPLMN, HPLMN/EHPLMN, UPLMN and OPLMN; Automatic mode; between FDD and TDD | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD and pc_eTDD | | |
| 6.1.1.1b | PLMN selection of RPLMN, HPLMN/EHPLMN, UPLMN and OPLMN / Automatic mode / Single Frequency operation | Rel-8 | R | UEs supporting E-UTRA. This test is 'cells on single frequency only' equivalent of 6.1.1.1 | pc_eFDD | | If test case 6.1.1.1 is applied, this test case is not required to be applied |
| | | | | | pc_eTDD | | |
| 6.1.1.2 | PLMN selection of "Other PLMN/access technology combinations" / Automatic mode | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.1.2a | PLMN selection of "Other PLMN/access technology combinations" / Automatic mode / Single Frequency operation | Rel-8 | R | UEs supporting E-UTRA. This test is 'cells on single frequency only' equivalent of 6.1.1.2 | pc_eFDD | pc_eFDD | If test case 6.1.1.2 is applied, this test case is not required to be applied |
| | | | | | pc_eTDD | pc_eTDD | |
| 6.1.1.3 | Cell reselection of ePLMN in manual mode | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.1.3a | Cell reselection of ePLMN in manual mode / between FDD and TDD | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD and pc_eTDD | | |
| 6.1.1.3b | Cell reselection of ePLMN in manual mode / Single Frequency operation | Rel-8 | R | UEs supporting E-UTRA. This test is 'cells on single frequency only' equivalent of 6.1.1.3 | pc_eFDD | | If test case 6.1.1.3 is applied, this test case is not required to be applied |
| | | | | | pc_eTDD | | |
| 6.1.1.4 | PLMN selection in shared network environment / Automatic mode | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.1.4a | PLMN selection in shared network environment / Automatic mode / Between FDD and TDD | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD and pc_eTDD | | |
| 6.1.1.6 | PLMN selection of RPLMN, HPLMN/EHPLMN, UPLMN and OPLMN / Automatic mode / User reselection | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.1.6a | PLMN selection of RPLMN, HPLMN/EHPLMN, | Rel-8 | R | UEs supporting E-UTRA. | pc_eFDD | | If test case 6.1.1.6 |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions | |
|----------|--|---------|---------------|---------|--|--------------------|-------------------------|---|
| | | | Condition | Comment | Specific ICS | Specific Ixit | | |
| | UPLMN and OPLMN / Automatic mode / User reselection / Single Frequency operation | | | | This test is 'cells on single frequency only ' equivalent of 6.1.1.6 | | | is applied, this test case is not required to be applied |
| | | | | | | pc_eTDD | | |
| 6.1.2.1 | Void | | | | | | | |
| 6.1.2.2 | Cell selection / $Q_{rxlevmin}$ | Rel-8 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.2a | Cell selection / $Q_{qualmin}$ | Rel-9 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.3 | Cell selection / Intra E-UTRAN / Serving cell becomes non-suitable | Rel-8 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.3a | Cell selection / Intra E-UTRAN / Serving cell becomes non-suitable ($Srxlev > 0$ and $Squal < 0$) | Rel-9 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.4 | Cell reselection | Rel-8 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.5 | Cell reselection for inter-band operation | Rel-8 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.6 | Cell reselection using Q_{hyst} , Q_{offset} and $T_{reselection}$ | Rel-8 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.7 | Cell reselection / Equivalent PLMN | Rel-8 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.7a | Cell reselection / Equivalent PLMN / Single Frequency operation | Rel-8 | R | | UEs supporting E-UTRA. This test is 'cells on single frequency only ' equivalent of 6.1.2.7 | pc_eFDD pc_eTDD | | If test case 6.1.2.7 is applied, this test case is not required to be applied |
| 6.1.2.8 | Cell reselection using cell status and cell reservations / Access control class 0 to 9 | Rel-8 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.8a | Cell reselection using cell status and cell reservations / Access control class 0 to 9 / Single Frequency operation | Rel-8 | R | | UEs supporting E-UTRA. This test is 'cells on single frequency only ' equivalent of 6.1.2.8 | pc_eFDD pc_eTDD | | If test case 6.1.2.8 is applied, this test case is not required to be applied |
| 6.1.2.9 | Cell reselection using cell status and cell reservations / Access control class 11 to15 | Rel-8 | R | | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 6.1.2.9a | Cell reselection using cell status and cell reservations / Access control class 11 to15 / Single Frequency operation | Rel-8 | R | | UEs supporting E-UTRA. This test is 'cells on single frequency only ' equivalent of 6.1.2.9 | pc_eFDD pc_eTDD | | If test case 6.1.2.9 is applied, this test case is not required to be applied |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
|-----------|---|---------|---------------|---------------------------------------|------------------------|---------------|-------------------------|
| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 6.1.2.10 | Cell reselection in shared network environment | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.2.11 | Inter-frequency cell reselection | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.2.12 | Cell reselection / Cell-specific reselection parameters provided by the network in a neighbouring cell list | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.2.13 | Cell re-selection, $S_{intraSearch}$, $S_{nonintraSearch}$ | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.2.14 | Speed-dependent cell reselection | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.2.15 | Inter-frequency cell reselection according to cell reselection priority provided by SIBs | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.2.15a | Inter-frequency cell reselection according to cell reselection priority provided by SIBs / Between FDD and TDD | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD and pc_eTDD | | |
| 6.1.2.16 | Cell reselection / interband operation / Between FDD and TDD | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD and pc_eTDD | | |
| 6.1.2.17 | Cell reselection for Squal to check against $S_{intraSearchQ}$ and $S_{nonIntraSearchQ}$ | Rel-9 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.1.2.18 | Inter-frequency cell reselection based on common priority information with parameters $Thresh_{X, HighQ}$, $Thresh_{X, LowQ}$ and $Thresh_{Serving, LowQ}$ | Rel-9 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.1.1 | Inter-RAT PLMN Selection / Selection of correct RAT for OPLMN / Automatic mode | Rel-8 | C34 | UEs supporting E-UTRA, UTRA and GERAN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.1.2 | Inter-RAT PLMN Selection / Selection of correct RAT for UPLMN / Automatic mode | Rel-8 | C35 | UEs supporting E-UTRA, and UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.1.3 | Inter-RAT PLMN Selection / Selection of correct PLMN and RAT in shared network environment / Automatic mode | Rel-8 | C35 | UEs supporting E-UTRA, and UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.1.4 | Inter-RAT PLMN Selection/ Selection of correct RAT from the OPLMN list/ Manual mode | Rel-8 | C05 | UEs supporting E-UTRA and GERAN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.1.6 | Inter-RAT Background HPLMN Search / Search for correct RAT for HPLMN / Automatic Mode | Rel-8 | C05 | UEs supporting E-UTRA and GERAN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.2.1 | Inter-RAT cell selection / From E-UTRA RRC_IDLE to UTRA_Idle / Serving cell becomes non-suitable | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.2.2 | Inter-RAT cell selection / From E-UTRA RRC_IDLE | Rel-8 | C05 | UEs supporting E-UTRA and GSM | pc_eFDD | | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
|----------|--|---------|---------------|--|------------------------|---------------|-------------------------|
| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | to GSM_Idle/GPRS Packet_idle / Serving cell becomes non-suitable | | | | | | |
| 6.2.2.3 | Inter-RAT cell selection / From E-UTRA RRC_IDLE to HRPD Idle / Serving cell becomes non-suitable | Rel-8 | C06 | UEs supporting E-UTRA and HRPD | pc_eTDD | | |
| 6.2.2.4 | Inter-RAT cell selection / From E-UTRA RRC_IDLE to 1xRTT idle / Serving cell becomes non-suitable | Rel-8 | C07 | UEs supporting E-UTRA and 1xRTT | pc_eFDD | | |
| 6.2.2.5 | Cell selection / No USIM | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eTDD | | |
| 6.2.2.6 | Inter-RAT Cell selection / From GSM_Idle/GPRS Packet_idle to E-UTRA_RRC_IDLE / Serving cell becomes non-suitable | Rel-8 | C05 | UEs supporting E-UTRA and GSM | pc_eFDD | | |
| 6.2.2.7 | Inter-RAT Cell selection / From GSM_Idle/GPRS Packet_idle to E-UTRA_RRC_IDLE ,when the serving cell is barred | Rel-8 | C05 | UEs supporting E-UTRA and GSM | pc_eTDD | | |
| 6.2.2.8 | Inter-RAT cell selection / From UTRA_Idle to E-UTRA RRC_IDLE / Serving cell becomes non-suitable | Rel-8 | C01 | UEs supporting E-UTRA and GSM | pc_eFDD | | |
| 6.2.3.1 | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to GSM_Idle/GPRS Packet_Idle | Rel-8 | C05 | UEs supporting E-UTRA and GSM | pc_eTDD | | |
| 6.2.3.1a | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to GSM_Idle/GPRS Packet_Idle ($S_{qual} < Thresh_{Serving, LowQ}$, $S_{rxlev} > Thresh_{X, LowP}$ and $S_{rxlev} > Thresh_{X, HighP}$) | Rel-9 | C05 | UEs supporting E-UTRA and GSM | pc_eFDD | | |
| 6.2.3.2 | Void | | | | pc_eTDD | | |
| 6.2.3.3 | Inter-RAT cell reselection / From UTRA_Idle to E-UTRA RRC_IDLE | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eFDD | | |
| 6.2.3.3a | Inter-RAT cell reselection / From UTRA_Idle to E-UTRA RRC_IDLE ($Q_{qualminEUTRA}$, $S_{qual}^{ServingCell} < Thresh_{Serving, low2}$, $S_{qual}^{nonServingCell, x} > Thresh_{x, low2}$ and $S_{qual}^{nonServingCell, x} > Thresh_{x, high2}$) | Rel-9 | C126 | UEs supporting E-UTRA and UTRA and supporting Squal based cell reselection to UTRAN from E-UTRAN | pc_eTDD | | |
| 6.2.3.4 | Inter-RAT Cell Reselection / From UTRA CELL_PCH state to E-UTRA RRC_IDLE | Rel-8 | C77 | UEs supporting E-UTRA and UTRA and UTRA Feature Group Indicators 1 | pc_eFDD | | |
| 6.2.3.5 | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to UTRA_Idle | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eTDD | | |
| 6.2.3.5a | Inter-RAT cell reselection / From E-UTRA | Rel-9 | C127 | UEs supporting E-UTRA and UTRA and | pc_eFDD | | |

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| | RRC_IDLE to UTRA_Idle (Squal > Thresh _{X, HighQ} , Squal < Thresh _{Serving, LowQ} , Squal > Thresh _{X, LowQ} and S _{nonIntraSearchQ}) | | | supporting Squal based cell reselection to E-UTRAN from UTRAN | | | |
| 6.2.3.6 | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to UTRA_Idle according to RAT priority provided by dedicated signalling | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eTDD pc_eFDD | | |
| 6.2.3.7 | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to HRPD Idle / HRPD cell is higher reselection priority than E-UTRA | Rel-8 | C06 | UEs supporting E-UTRA and HRPD | pc_eTDD pc_eFDD | | |
| 6.2.3.7a | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to HRPD Idle / HRPD cell is higher reselection priority than E-UTRA (Srxlev > Thresh _{HRPD, HighP}) | Rel-9 | C06 | UEs supporting E-UTRA and HRPD | pc_eTDD pc_eFDD | | |
| 6.2.3.8 | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to HRPD Idle / HRPD cell is lower reselection priority than E-UTRA | Rel-8 | C06 | UEs supporting E-UTRA and HRPD | pc_eTDD pc_eFDD | | |
| 6.2.3.8a | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to HRPD Idle / HRPD cell is lower reselection priority than E-UTRA (Squal < Thresh _{Serving, LowQ} and Srxlev > Thresh _{HRPD, LowP}) | Rel-9 | C06 | UEs supporting E-UTRA and HRPD | pc_eTDD pc_eFDD | | |
| 6.2.3.9 | Inter-RAT Cell Reselection: from E-UTRA RRC_IDLE to CDMA2000 1xRTT Dormant– When CDMA2000 1xRTT cell is higher reselection priority than E-UTRA | Rel-8 | C07 | UEs supporting E-UTRA and 1xRTT | pc_eTDD pc_eFDD | | |
| 6.2.3.9a | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to 1xRTT Dormant / 1xRTT cell is higher reselection priority than E-UTRA (Srxlev > Thresh _{1xRTT, HighP}) | Rel-9 | C07 | UEs supporting E-UTRA and 1xRTT | pc_eTDD pc_eFDD | | |
| 6.2.3.10 | Inter-RAT Cell Reselection: from E-UTRA RRC_IDLE to CDMA2000 1xRTT Idle – When CDMA2000 1xRTT is lower reselection priority than E-UTRA | Rel-8 | C07 | UEs supporting E-UTRA and 1xRTT | pc_eTDD pc_eFDD | | |
| 6.2.3.10a | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to 1xRTT Dormant / 1xRTT cell is lower reselection priority than E-UTRA (Squal < Thresh _{Serving, LowQ} and Srxlev > Thresh _{1xRTT, LowP}) | Rel-9 | C07 | UEs supporting E-UTRA and 1xRTT | pc_eTDD pc_eFDD | | |
| 6.2.3.13 | Inter-RAT cell reselection / From UTRA_Idle to E-UTRA RRC_IDLE according to RAT priority | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eTDD pc_eFDD | | |

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| | provided by dedicated signalling | | | | | | |
| 6.2.3.14 | Inter-RAT Cell Reselection / from GSM_Idle/GPRS Packet_Idle to E-UTRA (priority of E-UTRA cells are higher than the serving cell) | Rel-8 | C05 | UEs supporting E-UTRA and GERAN | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.2.3.15 | Inter-RAT Cell Reselection / from GSM_Idle/GPRS Packet_Idle to E-UTRA (priority of E-UTRA cells are lower than the serving cell) | Rel-8 | C05 | UEs supporting E-UTRA and GERAN | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.16 | Inter-RAT Cell Reselection / from GSM_Idle to E-UTRAN /based on H_PRIO criteria | Rel-8 | C05 | UEs supporting E-UTRA and GSM | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.17 | Inter-RAT Cell Reselection / from GSM_Idle/GPRS Packet_Idle to E-UTRA (priority E-UTRA cells) | Rel-8 | C05 | UEs supporting E-UTRA and GSM | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.18 | Inter-RAT Cell Reselection / from GSM_Idle/GPRS Packet_Idle to E-UTRA (blacklisted E-UTRA cells) | Rel-8 | C05 | UEs supporting E-UTRA and GSM | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.19 | Redirection to E-UTRA upon the release of the CS connection | Rel-8 | C115 | UEs supporting E-UTRA and GSM and not data centric | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.20 | Redirection to E-UTRA upon the release of the CS connection and no suitable cell available | Rel-8 | C115 | UEs supporting E-UTRA and GSM and not data centric | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.21 | Inter-RAT autonomous cell reselection GPRS Packet_transfer NC0 mode to E-UTRA | Rel-8 | C66 | UEs supporting E-UTRA and GERAN and GERAN to E-UTRAN neighbour cell measurements | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.22 | Inter-RAT autonomous cell reselection failure GPRS Packet_transfer NC0 mode to E-UTRA | Rel-8 | C66 | UEs supporting E-UTRA and GERAN and GERAN to E-UTRAN neighbour cell measurements | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.23 | Inter-RAT Cell Reselection from GPRS Packet transfer to E-UTRA in CCN mode (PACKET CELL CHANGE CONTINUE) | Rel-8 | C114 | UEs supporting E-UTRA and GERAN and CCN towards E-UTRAN, E-UTRAN Neighbour Cell measurement reporting and Network controlled cell reselection to E-UTRAN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.24 | Inter-RAT Cell Reselection from GPRS Packet transfer to E-UTRA in CCN mode (PACKET CELL CHANGE ORDER) | Rel-8 | C114 | UEs supporting E-UTRA and GERAN and CCN towards E-UTRAN, E-UTRAN Neighbour Cell measurement reporting and Network controlled cell reselection to E-UTRAN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.2.3.26 | Inter-RAT Autonomous Cell Reselection GPRS Packet_transfer to E-UTRA (NC1 mode) | Rel-8 | C114 | UEs supporting E-UTRA and GERAN and CCN towards E-UTRAN, E-UTRAN Neighbour Cell measurement reporting and Network controlled cell reselection to E-UTRAN | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 6.2.3.27 | Inter-RAT Cell Selection from GPRS Packet_transfer to E-UTRA Cell (NC2 mode) | Rel-8 | C114 | UEs supporting E-UTRA and GSM and CCN towards E-UTRAN, E-UTRAN Neighbour Cell measurement reporting and Network controlled cell reselection to E-UTRAN | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.2.3.28 | Inter-RAT Cell Reselection from GPRS Packet_transfer to E-UTRA (Network Assisted Cell Change) | Rel-8 | C114 | UEs supporting E-UTRA and GSM and CCN towards E-UTRAN, E-UTRAN Neighbour Cell measurement reporting and Network controlled cell reselection to E-UTRAN | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.2.3.29 | Inter-RAT cell Reselection from GPRS packet_transfer to E-UTRA in CCN mode (PACKET MEASUREMENT ORDER) | Rel-8 | C66 | UEs supporting E-UTRA and GSM and GERAN to E-UTRAN neighbour cell measurements | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.2.3.30 | Inter-RAT Cell Reselection failure from GPRS Packet transfer to E-UTRA (Network Assisted Cell Change) | Rel-8 | C114 | UEs supporting E-UTRA and GSM and CCN towards E-UTRAN, E-UTRAN Neighbour Cell measurement reporting and Network controlled cell reselection to E-UTRAN | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.2.3.31 | Inter-RAT cell reselection / From UTRA_Idle (low priority) to E-UTRA RRC_IDLE (high priority) according to RAT priority provided by dedicated signalling | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.2.3.32 | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to UTRA_Idle, S _{nonintrasearch} | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.2.3.33 | Inter-RAT cell reselection / From E-UTRA RRC_IDLE to UTRA_Idle / Squal based cell reselection parameters are broadcast in E-UTRAN / UE does not support Squal based cell reselection in UTRAN | Rel-9 | C131 | UEs supporting E-UTRA and UTRA and not supporting Squal based cell reselection to E-UTRAN from UTRAN | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.3.1 | Inter-frequency cell reselection / From E-UTRA RRC_IDLE non-CSG cell to E-UTRA RRC_IDLE CSG cell | Rel-8 | C80 | UEs supporting E-UTRA and allowed CSG list and manual CSG selection | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.3.2 | Inter-RAT cell reselection / From GSM_Idle/GPRS Packet_Idle to E-UTRA idle CSG cell | Rel-8 | C95 | UEs supporting E-UTRA and GERAN and allowed CSG list and manual CSG selection | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.3.3 | Inter-RAT cell reselection / From UTRA_Idle to E-UTRA RRC_IDLE CSG cell | Rel-8 | C76 | UEs supporting E-UTRA and UTRA and allowed CSG list and manual CSG selection | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 6.3.4 | Inter-RAT cell reselection / From UTRA CELL_PCH state to E-UTRA RRC_IDLE CSG cell | Rel-8 | C82 | UEs supporting E-UTRA and UTRA and allowed CSG list and UTRA Feature Group Indicators 1 | pc_eTDD | | |
| | | | | | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 6.3.5 | Manual support for CSG ID selection | Rel-8 | C80 | UEs supporting E-UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.3.6 | Ignoring CSG cells in cell selection/reselection when allowed CSG list is empty or not supported | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.3.7 | Inter-RAT Cell reselection from E-UTRA idle non-CSG cell to a UTRA CSG cell | Rel-8 | C76 | UEs supporting E-UTRA and UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.3.8 | Inter-RAT CSG Cell Reselection from E-UTRA CSG cell to UTRA CSG cell | Rel-8 | C76 | UEs supporting E-UTRA and UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.3.9 | Manual CSG ID selection across PLMNs | Rel-9 | C80 | UEs supporting E-UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.4.1 | Manual CSG ID selection / Hybrid cell whose CSG ID is not in the Allowed CSG list nor Operator's list | Rel-9 | C80 | UEs supporting E-UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.4.2 | Inter-frequency cell reselection / From E-UTRA RRC_IDLE non-CSG cell to E-UTRA RRC_IDLE member hybrid cell | Rel-9 | C80 | UEs supporting E-UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.4.3 | Inter-RAT cell reselection / From E-UTRA RRC_IDLE non-CSG cell to UTRA_Idle member hybrid cell | Rel-9 | C76 | UEs supporting E-UTRA and UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.4.4 | Inter-RAT cell reselection / From E-UTRA RRC_IDLE non-member hybrid cell to UTRA_Idle member hybrid cell | Rel-9 | C76 | UEs supporting E-UTRA and UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.4.5 | Inter-RAT cell reselection / From UTRA_Idle to E-UTRA RRC_IDLE member hybrid cell | Rel-9 | C76 | UEs supporting E-UTRA and UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.4.6 | Inter-RAT cell reselection / From UTRA CELL_PCH to E-UTRA RRC_IDLE member hybrid cell | Rel-9 | C75 | UEs supporting E-UTRA and UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 6.4.7 | Inter-RAT cell reselection / From GERAN to E-UTRA RRC_IDLE member hybrid cell | Rel-9 | C95 | UEs supporting E-UTRA and GERAN and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| LAYER 2 | | | | | | | |
| 7.1.1.1 | CCCH mapped to UL SCH/DL-SCH / Reserved logical channel ID | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.1.2 | DTCH or DCCH mapped to UL SCH/DL-SCH / Reserved logical channel ID | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.2.1 | Correct selection of RACH parameters / Random | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | access preamble and PRACH resource explicitly signalled to the UE by RRC / Non-contention based random access procedure | | | | | | |
| 7.1.2.2 | Correct selection of RACH parameters / Random access preamble and PRACH resource explicitly signalled to the UE in PDCCH Order / Non-contention based random access procedure | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.2.3 | Correct selection of RACH parameters / Preamble selected by MAC itself / Contention based random access procedure | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.2.4 | Random access procedure / Successful | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.2.5 | Random access procedure / MAC PDU containing multiple RARs | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.2.6 | Maintenance of uplink time alignment | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.2.7 | MAC contention resolution / Temporary C-RNTI | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.2.8 | MAC contention resolution / C-RNTI | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.2.9 | MAC backoff indicator | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.3.1 | Correct handling of DL assignment / Dynamic case | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.3.2 | Correct handling of DL assignment / Semi-persistent case | Rel-8 | C100 | UEs supporting E-UTRA and semi-persistence scheduling and Feature Group Indicator 7 | pc_eTDD pc_eFDD | | |
| 7.1.3.3 | MAC PDU header handling | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.3.4 | Correct HARQ process handling / DCCH and DTCH | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.3.5 | Correct HARQ process handling / CCCH | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.3.6 | Correct HARQ process handling / BCCH | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.3.7 | MAC padding | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.3.9 | MAC reset DL | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 7.1.4.1 | Correct handling of UL assignment / Dynamic case | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 7.1.4.2 | Correct handling of UL assignment / Semi-persistent case | Rel-8 | C100 | UEs supporting E-UTRA and semi-persistence scheduling and Feature Group Indicator 7 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.3 | Logical channel prioritization handling | Rel-8 | C19 | UEs supporting E-UTRA and Feature Group Indicator 6 and 7 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.4 | Correct handling of MAC control information / Scheduling requests and PUCCH | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.5 | Correct handling of MAC control information / Scheduling requests / Random access procedure | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.6 | Correct handling of MAC control information / Buffer status / UL data arrive in the UE Tx buffer / Regular BSR | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.7 | Correct handling of MAC control information / Buffer status / UL resources are allocated / Padding BSR | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.7a | Correct handling of MAC control information / Buffer status / UL resources are allocated / Cancellation of Padding BSR | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.8 | Correct handling of MAC control information / Buffer status / Periodic BSR timer expires | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.10 | MAC padding | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.11 | Correct HARQ process handling | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.12 | MAC reset UL | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.13 | MAC PDU header handling | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.14 | Correct HARQ process handling / TTI bundling | Rel-8 | C99 | UEs supporting E-UTRA and TTI bundling and Feature Group Indicator 7 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.15 | UE power headroom reporting / Periodic reporting | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.4.16 | UE power headroom Reporting / DL pathloss change reporting | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.5.1 | Inter-TTI PUSCH hopping by uplink grant | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.5.2 | Predefined intra-TTI PUSCH hopping (N_sb=1) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 7.1.5.3 | Predefined intra-TTI PUSCH hopping (N _{sb} =2/3/4) | Rel-8 | C58 | UEs supporting E-UTRA and Feature Group Indicator 21 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.5.4 | Predefined inter-TTI PUSCH hopping (N _{sb} =1) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| 7.1.5.5 | Predefined inter-TTI PUSCH hopping (N _{sb} =2/3/4) | Rel-8 | C58 | UEs supporting E-UTRA and Feature Group Indicator 21 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.6.1 | DRX operation / Short cycle not configured / Parameters configured by RRC | Rel-8 | C08 | UEs supporting E-UTRA and Feature Group 5. | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.6.2 | DRX operation / Short cycle not configured / DRX command MAC control element reception | Rel-8 | C08 | UEs supporting E-UTRA and Feature Group 5. | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.7.1.1 | DL-SCH transport block size selection / DCI format 1 / RA type 0 | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.7.1.2 | DL-SCH transport block size selection / DCI format 1 / RA type 1 | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.7.1.3 | DL-SCH transport block size selection / DCI format 1A / RA type 2 / Localised VRB | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.7.1.4 | DL-SCH transport block size selection / DCI format 1A / RA type 2 / Distributed VRB | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.7.1.5 | DL-SCH transport block size selection / DCI format 2A / RA type 0 / Two transport blocks enabled / Transport block to codeword swap flag value set to 0 | Rel-8 | C56 | UEs supporting E-UTRA and (UE Category 2 or UE Category 3 or UE Category 4 or UE Category 5) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.7.1.6 | DL-SCH transport block size selection / DCI format 2A / RA type 1 / Two transport blocks enabled / Transport block to codeword swap flag value set to 1 | Rel-8 | C56 | UEs supporting E-UTRA and (UE Category 2 or UE Category 3 or UE Category 4 or UE Category 5) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.7.2.1 | UL-SCH transport block size selection / DCI format 0 | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.1.8.1 | Periodic RI reporting using PUCCH / Category 1 UE / Transmission mode 3/4 | Rel-8 | C103 | UEs supporting E-UTRA and UE Category 1 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.2.1 | UM RLC / Segmentation and reassembly / 5-bit SN / Framing Info Field | Rel-8 | C15 | UEs supporting E-UTRA and Feature Group Indicator 3 and Feature Group Indicator 7 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.2.2 | UM RLC / Segmentation and reassembly / 10-bit SN / Framing Info Field | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 7.2.2.3 | UM RLC / Reassembly / 5-bit SN / LI value > PDU size | Rel-8 | C15 | UEs supporting E-UTRA and Feature Group Indicator 3 and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.2.4 | UM RLC / Reassembly / 10-bit SN / LI value > PDU size | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.2.5.1 | UM RLC / 5-bit SN / Correct use of sequence numbering | Rel-8 | C15 | UEs supporting E-UTRA and Feature Group Indicator 3 and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.2.5.2 | UM RLC / 10-bit SN / Correct use of sequence numbering | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.2.6 | UM RLC / Concatenation, segmentation and reassembly | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.2.7 | UM RLC / In sequence delivery of upper layer PDUs without residual loss of RLC PDUs / Maximum re-ordering delay below <i>t-Reordering</i> | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.2.8 | UM RLC / In sequence delivery of upper layer PDUs without residual loss of RLC PDUs / Maximum re-ordering delay exceeds <i>t-Reordering</i> | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.2.9 | UM RLC / In sequence delivery of upper layer PDUs with residual loss of RLC PDUs / Maximum re-ordering delay exceeds <i>t-Reordering</i> | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.2.10 | UM RLC / Duplicate detection of RLC PDUs | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.2.11 | UM RLC / RLC re-establishment procedure | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.3.1 | AM RLC / Concatenation and reassembly | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.3.2 | AM RLC / Segmentation and reassembly / No PDU segmentation | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.3.3 | AM RLC / Segmentation and reassembly / Framing Info Field | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.3.4 | AM RLC / Segmentation and reassembly / Different numbers of length indicators | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 7.2.3.5 | AM RLC / Reassembly / LI value > PDU size | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |

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| 7.2.3.6 | AM RLC / Correct use of sequence numbering | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.7 | AM RLC / Control of transmit window | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.8 | AM RLC / Control of receive window | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.9 | AM RLC / Polling for status | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.10 | AM RLC / Receiver status triggers | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.12 | Void | | | | | | |
| 7.2.3.13 | AM RLC / Reconfiguration of RLC parameters by upper layers | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.14 | AM RLC / In sequence delivery of upper layers PDUs | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.15 | AM RLC / Re-ordering of RLC PDU segments | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.16 | AM RLC / Re-transmission of RLC PDU without re-segmentation | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.17 | AM RLC / Re-segmentation RLC PDU / SO, FI, LSF | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.18 | AM RLC / Reassembly / AMD PDU reassembly from AMD PDU segments / SO and LSF | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.19 | Void | | | | | | |
| 7.2.3.20 | AM RLC / Duplicate detection of RLC PDUs | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.2.3.21 | AM RLC / RLC re-establishment at RRC connection reconfiguration including <i>mobilityControlInfo</i> IE | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.3.1.1 | Maintenance of PDCP sequence numbers / User plane / RLC AM | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.3.1.2 | Maintenance of PDCP sequence numbers / User plane / RLC UM / Short PDCP SN (7 bits) | Rel-8 | C15 | UEs supporting E-UTRA and Feature Group Indicator 3 and Feature Group Indicator 7 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.3.1.3 | Maintenance of PDCP sequence numbers / User plane / RLC UM / Long PDCP SN (12 bits) | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.3.3.1 | Ciphering and deciphering / Correct functionality of EPS AS encryption algorithms / SNOW3G | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 7.3.3.2 | Ciphering and deciphering / Correct functionality of EPS UP encryption algorithms / SNOW3G | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 7.3.3.3 | Ciphering and deciphering / Correct functionality of EPS AS encryption algorithms / AES | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 7.3.3.4 | Ciphering and deciphering / Correct functionality of EPS UP encryption algorithms / AES | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 7.3.4.1 | Integrity protection / Correct functionality of EPS AS integrity algorithms / SNOW3G | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 7.3.4.2 | Integrity protection / Correct functionality of EPS AS integrity algorithms / AES | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 7.3.5.1 | Void | | | | | | |
| 7.3.5.2 | PDCP handover / Lossless handover / PDCP sequence number maintenance | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 7.3.5.3 | PDCP handover / Non-lossless handover / PDCP sequence number maintenance | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | pc_eFDD | |
| 7.3.5.4 | PDCP handover / Lossless handover / PDCP status report to convey the information on missing or acknowledged PDCP SDUs at handover | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 7.3.5.5 | PDCP handover / In-order delivery and duplicate elimination in the downlink | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 7.3.6.1 | PDCP discard | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eTDD | pc_eFDD | |
| 8 | RADIO RESOURCE CONTROL | | | | | | |
| 8.1.1.1 | RRC / Paging for connection in idle mode | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 8.1.1.2 | RRC / Paging for notification of BCCH modification in idle mode | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 8.1.1.3 | RRC / Paging for connection in idle mode / Multiple paging records | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 8.1.1.4 | RRC / Paging for connection in idle mode / Shared network environment | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 8.1.1.6 | RRC / BCCH modification in connected mode | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 8.1.2.1 | RRC connection establishment / K _s =1.25 / Success | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |
| 8.1.2.2 | RRC connection establishment / Reject with wait | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | pc_eFDD | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | time | | | | | | |
| 8.1.2.3 | RRC connection establishment / Return to idle state after T300 timeout | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 8.1.2.5 | RRC connection establishment / 0% access probability for MO calls, no restriction for MO signalling | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 8.1.2.6 | RRC connection establishment / Non-zero percent access probability for MO calls, no restriction for MO signalling | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 8.1.2.7 | RRC connection establishment / 0% access probability for AC 0 to 9, AC 10 is barred, AC 11 to 15 are not barred, access for UE with access class in the range 11 to 15 is allowed | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 8.1.2.8 | RRC connection establishment / Range of access barring time | Rel-8 | C97 | UEs supporting E-UTRA and Multiple PDN | pc_eTDD pc_eFDD | | |
| 8.1.2.9 | RRC Connection Establishment / 0% access probability for MO calls, non-zero percent access probability for MO signalling | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 8.1.2.10 | Void | | | | | | |
| 8.1.2.11 | RRC connection establishment of emergency call | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eTDD pc_eFDD | | |
| 8.1.2.12 | RRC connection establishment of emergency call / Limited service | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eTDD pc_eFDD | | |
| 8.1.2.13 | RRC connection establishment / 0% access probability for MO calls, 0% access probability for MO signalling | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 8.1.2.14 | RRC connection establishment / High speed flag | Rel-9 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 8.1.3.1 | RRC connection release / Success | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 8.1.3.3 | Void | | | | | | |
| 8.1.3.4 | RRC connection release / Redirection to another E-UTRAN frequency | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 8.1.3.5 | RRC connection release / Success / With priority information | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 8.1.3.6 | RRC connection release / Redirection from E-UTRAN to UTRAN | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.1.3.7 | RRC connection release / Redirection from UTRAN to E-UTRAN | Rel-8 | -C01 | UEs supporting E-UTRA and UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.1.3.8 | RRC connection release / Redirection from E-UTRAN to GERAN | Rel-8 | C05 | UEs supporting E-UTRA and GERAN | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.1.3.9 | RRC connection release / Redirection from E-UTRAN to HRPD | Rel-8 | C06 | UEs supporting E-UTRA and HRPD | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.1.3.10 | RRC connection release / Redirection from E-UTRAN to 1xRTT | Rel-8 | C07 | UEs supporting E-UTRA and 1xRTT | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.1.3.11a | RRC connection release / Redirection to another E-UTRAN band / Inter-band / Between FDD and TDD | Rel-9 | R | UEs supporting E-UTRA FDD and E-UTRA TDD | pc_eFDD AND pc_eTDD | | |
| 8.1.3.12a | RRC connection release / Success / With priority information / Inter-band / Between FDD and TDD | Rel-9 | R | UEs supporting E-UTRA FDD and E-UTRA TDD | pc_eFDD AND pc_eTDD | | |
| 8.2.1.1 | RRC connection reconfiguration / Radio bearer establishment for transition from RRC_IDLE to RRC_CONNECTED / Success / Default bearer / Early bearer establishment | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.1.3 | RRC connection reconfiguration / Radio bearer establishment / Success / Dedicated bearer | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.1.5 | RRC connection reconfiguration / Radio bearer establishment for transition from RRC_IDLE to RRC_CONNECTED / Success / Latency check | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.1.6 | RRC connection reconfiguration / Radio bearer establishment for transition from RRC_IDLE to RRC_CONNECTED / Success / Latency check / SecurityModeCommand and RRCConnectionReconfiguration transmitted in the same TTI | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.1.7 | RRC connection reconfiguration / Radio bearer establishment / Success / SRB2 | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.1.8 | RRC connection reconfiguration / Radio bearer establishment / Success / Dedicated bearer / ROHC configured | Rel-9 | C120 | UEs supporting E-UTRA and Feature Group Indicator 3 and Feature Group Indicator 7 and ROHC profile0x0001 and ROHC profile0x0002 | pc_eFDD | | |
| | | | | | pc_eTDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 8.2.2.1 | RRC connection reconfiguration / Radio resource reconfiguration / Success | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.2.2 | RRC connection reconfiguration / SRB/DRB reconfiguration / Success | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.3.1 | RRC connection reconfiguration / Radio bearer release / Success | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.1 | RRC connection reconfiguration / Handover / Success / Dedicated preamble | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.2 | RRC connection reconfiguration / Handover / Success / Common preamble | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.3 | RRC connection reconfiguration / Handover / Success / Intra-cell / Security reconfiguration | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.4 | RRC connection reconfiguration / Handover / Failure / Intra-cell / Security reconfiguration | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.5 | RRC connection reconfiguration / Handover / All parameters included | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.6 | RRC connection reconfiguration / Handover / Success / Inter-frequency | Rel-8 | C21 | UEs supporting E-UTRA and Feature Group Indicator 13 and Feature Group Indicator 25 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.7 | RRC connection reconfiguration / Handover / Failure / Re-establishment successful | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.8 | RRC connection reconfiguration / Handover / Failure / Re-establishment failure | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.9 | RRC connection reconfiguration / Handover / Inter-band blind handover / Success | Rel-8 | C21 | UEs supporting E-UTRA and Feature Group Indicator 13 and Feature Group Indicator 25 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.10 | RRC connection reconfiguration / Handover / Between FDD and TDD | Rel-8 | C63 | UEs supporting E-UTRA FDD and TDD and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |
| 8.2.4.12 | RRC connection reconfiguration / Handover / Setup and release of MIMO | Rel-8 | C28 | UEs supporting E-UTRA and Feature Group Indicator 1 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.2.4.13a | RRC connection reconfiguration / Handover / Success (with measurement) / Inter-band / Between FDD and TDD | Rel-9 | C130 | UEs supporting E-UTRA FDD and E-UTRA TDD and Feature Group Indicator 25 and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |
| 8.2.4.14a | RRC connection reconfiguration / Handover / Failure / Re-establishment successful / Inter-band / Between FDD and TDD | Rel-9 | C130 | UEs supporting E-UTRA FDD and E-UTRA TDD and Feature Group Indicator 25 and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 8.2.4.15a | RRC connection reconfiguration / Handover / Failure / Re-establishment failure / Inter-band / Between FDD and TDD | Rel-9 | C130 | UEs supporting E-UTRA FDD and E-UTRA TDD and Feature Group Indicator 25 and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |
| 8.3.1.1 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Event A1 | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.2 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Event A2 | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.3 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Two simultaneous events A3 (intra and inter-frequency measurements) | Rel-8 | C10 | UEs supporting E-UTRA and Feature Group Indicator 25 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.3a | Measurement configuration control and reporting / Intra E-UTRAN measurements / Two simultaneous events A3 (intra and inter-frequency measurements) / RSRQ based measurements | Rel-9 | C10 | UEs supporting E-UTRA and Feature Group Indicator 25 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.4 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Periodic reporting (intra and inter-frequency measurements) | Rel-8 | C11 | UEs supporting E-UTRA and Feature Group Indicator 16 and Feature Group Indicator 25 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.5 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Two simultaneous event A3 (intra-frequency measurements) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.6 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Two simultaneous events A2 and A3 (inter-frequency measurements) | Rel-8 | C10 | UEs supporting E-UTRA and Feature Group Indicator 25 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.7 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Blacklisting | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.8 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Handover / IE measurement configuration present | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.9 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Intra-frequency handover / IE measurement configuration not present | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.9a | Measurement configuration control and reporting / Intra Frequency measurements / Intra-frequency handover / IE measurement configuration not present / Single Frequency operation | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | If test case 8.3.1.9 is applied, this test case is not required to be applied |
| | | | | | pc_eTDD | | |

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| 8.3.1.10 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Inter-frequency handover / IE measurement configuration not present | Rel-8 | C21 | UEs supporting E-UTRA and Feature Group Indicator 13 and Feature Group Indicator 25 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.11 | Measurement configuration control and reporting / Intra E-UTRAN measurements / Continuation of the measurements after RRC connection re-establishment | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.1.11a | Measurement configuration control and reporting / Intra Frequency measurements / Continuation of the measurements after RRC connection re-establishment / Single Frequency operation | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | If test case 8.3.1.11 is applied, this test case is not required to be applied |
| | | | | | pc_eTDD | | |
| 8.3.1.12a | Measurement configuration control and reporting / Intra E-UTRAN measurements / Two simultaneous events A3 (inter-band measurements) / Between FDD and TDD | Rel-9 | C130 | UEs supporting E-UTRA FDD and E-UTRA TDD and Feature Group Indicator 25 and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |
| 8.3.1.13a | Measurement configuration control and reporting / Intra E-UTRAN measurements / Periodic reporting (intra-frequency and inter-band measurements) / Between FDD and TDD | Rel-9 | C130 | UEs supporting E-UTRA FDD and E-UTRA TDD and Feature Group Indicator 25 and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |
| 8.3.1.14a | Measurement configuration control and reporting / Intra E-UTRAN measurements / Two simultaneous events A2 and A3 (inter-band measurements) / Between FDD and TDD | Rel-9 | C130 | UEs supporting E-UTRA FDD and E-UTRA TDD and Feature Group Indicator 25 and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |
| 8.3.1.15a | Measurement configuration control and reporting / Intra E-UTRAN measurements / Inter-band handover / IE measurement configuration not present / Between FDD and TDD | Rel-9 | C130 | UEs supporting E-UTRA FDD and E-UTRA TDD and Feature Group Indicator 25 and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |
| 8.3.1.16a | Measurement configuration control and reporting / Intra E-UTRAN measurements / Continuation of the measurements after RRC connection re-establishment / Inter-band / Between FDD and TDD | Rel-9 | C130 | UEs supporting E-UTRA FDD and E-UTRA TDD and Feature Group Indicator 25 and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |
| 8.3.2.1 | Measurement configuration control and reporting / Inter-RAT measurements / Event B2 / Measurement of GERAN cells | Rel-8 | C90 | UEs supporting E-UTRA and GERAN and Feature Group Indicator 23 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.2.2 | Measurement configuration control and reporting / Inter-RAT measurements / Periodic reporting / Measurement of GERAN cells | Rel-8 | C20 | UEs supporting E-UTRA, GERAN and Feature Group Indicators 16 and Feature Group Indicator 23 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.2.3 | Measurement configuration control and reporting / Inter-RAT measurements / Event B2 / Measurement of UTRAN cells | Rel-8 | C91 | UEs supporting E-UTRA and UTRA and Feature Group Indicator 22 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.2.3a | Measurement configuration control and reporting / | Rel-9 | C91 | UEs supporting E-UTRA and UTRA and Feature | pc_eFDD | | |

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| | Inter-RAT measurements / Event B2 / Measurement of UTRAN cells / RSRQ based measurements | | | Group Indicator 22 | | | |
| | | | | | pc_eTDD | | |
| 8.3.2.4 | Measurement configuration control and reporting / Inter-RAT measurements / Periodic reporting / Measurement of UTRAN cells | Rel-8 | C13 | UEs supporting E-UTRA and UTRA and Feature Group Indicator 16 and Feature Group Indicator 22 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.2.5 | Measurement configuration control and reporting / Inter-RAT measurements / Periodic reporting / Measurements of E-UTRAN, UTRAN and GERAN cells | Rel-8 | C61 | UEs supporting E-UTRA, UTRA, GERAN and Feature Group Indicators 16, Feature Group Indicators 22 and Feature Group Indicators 23 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.2.6 | Measurement configuration control and reporting / Inter-RAT measurements / Simultaneous A2 and two B2 / Measurements of E-UTRAN, UTRAN and GERAN cells | Rel-8 | C17 | UEs supporting E-UTRA, UTRAN, GERAN and Feature Group Indicators 22 and 23 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.2.7 | Measurement configuration control and reporting / Inter-RAT measurements / Event B2 / Measurement of HRPD cells | Rel-8 | C92 | UEs supporting E-UTRA and HRPD and Feature Group Indicator 26 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.2.8 | Measurement configuration control and reporting / Inter-RAT measurements / Periodic reporting / Measurement of HRPD cells | Rel-8 | C24 | UEs supporting E-UTRA and HRPD and Feature Group Indicator 16 and Feature Group Indicator 26 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.2.9 | Measurement configuration control and reporting / Inter-RAT measurements / Event B2 / Measurement of 1xRTT cells | Rel-8 | C93 | UEs supporting E-UTRA and 1xRTT and Feature Group Indicator 24 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.2.10 | Measurement configuration control and reporting / Inter-RAT measurements / Periodic reporting / Measurement of 1xRTT cells | Rel-8 | C25 | UEs supporting E-UTRA and 1xRTT and Feature Group Indicator 16 and Feature Group Indicator 24 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.3.1 | Measurement configuration control and reporting / SON / ANR / CGI reporting of E-UTRAN cell | Rel-8 | C14 | UEs supporting E-UTRA and Feature Group Indicator 5 and Feature Group Indicator 17 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.3.2 | Measurement configuration control and reporting / SON / ANR / CGI reporting of UTRAN cell | Rel-8 | C39 | UEs supporting E-UTRA and UTRA and Feature Group Indicator 5 and Feature Group Indicator 19 and Feature Group 22 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.3.3 | Measurement configuration control and reporting / SON / ANR / CGI reporting of GERAN cell | Rel-8 | C40 | UEs supporting E-UTRA and GERAN and Feature Group Indicator 5 and Feature Group Indicator 19 and Feature Group 23 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.3.3.4 | Measurement configuration control and reporting / SON / ANR / CGI reporting of HRPD cell | Rel-8 | C44 | UEs supporting E-UTRA and HRPD and Feature Group Indicator 5 and Feature Group Indicator 19 and Feature Group Indicator 26 | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 8.3.3.5 | Measurement configuration control and reporting / SON / ANR / CGI reporting of 1xRTT cell | Rel-8 | C45 | UEs supporting E-UTRA and 1xRTT and Feature Group Indicator 5 and Feature Group Indicator 19 and Feature Group Indicator 24 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.3.4.1 | Intra-frequency SI acquisition / CSG cell and non-CSG cell | Rel-9 | C80 | UEs supporting E-UTRA and allowed CSG list | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.3.4.2 | Inter-frequency SI acquisition / Non-member hybrid cell | Rel-9 | C118 | UEs supporting E-UTRA and allowed CSG list and Feature Group Indicator 25 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.3.4.3 | Inter-frequency SI acquisition / Member hybrid cell | Rel-9 | C118 | UEs supporting E-UTRA and allowed CSG list and Feature Group Indicator 25 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.3.4.4 | Inter-RAT SI acquisition / RRC_CONNECTED / UMTS member CSG cell | Rel-9 | C119 | UEs supporting E-UTRA and UTRA and allowed CSG list and Feature Group Indicator 22 | pc_eTDD | | |
| | | | | | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 8.4.1.2 | Inter-RAT handover / From E-UTRA to UTRA PS / Data | Rel-8 | C36 | UEs supporting E-UTRA and UTRA and Feature Group Indicator 8 and Feature Group Indicator 22 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.1.4 | Inter-RAT handover / From E-UTRA to UTRA HSPA / Data | Rel-8 | C36 | UEs supporting E-UTRA and UTRA and Feature Group Indicator 8 and Feature Group Indicator 22 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.1.5 | Inter-RAT Handover / from E-UTRA to UTRA(HSUPA/HSDPA) / Data | Rel-8 | C117 | UEs supporting E-UTRA and UTRA and HS-PDSCH and E-DPDCH and Feature Group Indicator 8 and Feature Group Indicator 22 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.2.2 | Inter-RAT handover / From UTRA PS to E-UTRA / Data | Rel-8 | C37 | UEs supporting E-UTRA and UTRA and inter-RAT PS handover to E-UTRA from UTRA and UTRA Feature Group Indicator 2 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.2.4 | Inter-RAT handover / From UTRA HSPA to E-UTRA / Data | Rel-8 | C37 | UEs supporting E-UTRA and UTRA and inter-RAT PS handover to E-UTRA from UTRA and UTRA Feature Group Indicator 2 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.3.1 | Inter-RAT handover / From E-UTRA to GPRS / PS HO | Rel-8 | C107 | UEs supporting E-UTRA and GSM and PS handover from E-UTRAN to GERAN and Feature Group Indicator 23 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.3.2 | Inter-RAT cell change order / From E-UTRA data RRC_CONNECTED to GPRS / Without NACC | Rel-8 | C38 | UEs supporting E-UTRA and GSM and Feature Group Indicator 10 and Feature Group Indicator 23 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.3.3 | Inter-RAT cell change order / From E-UTRA data to GPRS / With NACC | Rel-8 | C38 | UEs supporting E-UTRA and GSM and Feature Group Indicator 10 and Feature Group Indicator 23 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.4.1 | Void | | | | | | |
| 8.4.4.2 | Void | | | | | | |
| 8.4.4.3 | Void | | | | | | |
| 8.4.5.4 | Pre-registration at HRPD and inter-RAT handover / From E-UTRA to HRPD Active / Data | Rel-8 | C42 | UEs supporting E-UTRA and HRPD and Feature Group Indicator 12 and Feature Group Indicator 26 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.7.1 | Inter-RAT handover / SRVCC from E-UTRA to 1xRTT(CS) / Speech | Rel-8 | C52 | UEs supporting E-UTRA and 1xRTT and SRVCC from E-UTRA to 1xRTT (CS) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.7.3 | Pre-registration at 1xRTT and inter-RAT handover / CS fallback from E-UTRA RRC_IDLE to 1xRTT | Rel-8 | C41 | UEs supporting E-UTRA and 1xRTT and 1xCS fallback | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 8.4.7.4 | Pre-Registration at 1xRTT and inter-RAT handover / CS fallback caused by addition of CS service / From E-UTRA Data to 1xRTT | Rel-8 | C41 | UEs supporting E-UTRA and 1xRTT and 1xCS fallback | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 8.4.7.5 | Pre-registration at 1xRTT and inter-RAT Handover / Enhanced CS fallback from E-UTRA RRC_IDLE to 1xRTT/MT call | Rel-9 | C116 | UEs supporting E-UTRA and 1xRTT and 1xCS fallback | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.4.7.6 | Pre-registration at 1xRTT and inter-RAT Handover / Enhanced CS fallback from E-UTRA RRC_CONNECTED to 1xRTT/MO call | Rel-9 | C116 | UEs supporting E-UTRA and 1xRTT and 1xCS fallback | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.5.1.1 | Radio link failure / RRC connection re-establishment Success | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.5.1.2 | Radio link failure / T301 expiry | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.5.1.3 | Radio link failure / T311 expiry | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.5.1.4 | Radio link failure / RRC connection re-establishment reject | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.5.1.5 | Radio link failure / Radio link recovery while T310 is running | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.5.1.6 | Radio link failure / T311 expiry / Dedicated RLF timer | Rel-9 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.5.2.1 | Redirection to E-UTRAN / From UTRAN upon reception of RRC CONNECTION REJECT | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 8.5.4.1 | UE capability transfer / Success | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 9 | EPS MOBILITY MANAGEMENT PROCEDURE | | | | | | |
| 9.1.1.1 | Void | | | | | | |
| 9.1.1.2 | Void | | | | | | |
| 9.1.2.1 | Authentication accepted | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 9.1.2.2 | Void | | | | | | |
| | | | | | | | |
| 9.1.2.3 | Authentication not accepted by the network, GUTI used, authentication reject and re-authentication | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 9.1.2.4 | Authentication not accepted by the UE / MAC code failure | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 9.1.2.5 | Authentication not accepted by the UE / SQN failure | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 9.1.2.6 | Abnormal cases / Network failing the authentication check | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 9.1.3.1 | NAS security mode command accepted by the UE | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 9.1.3.2 | NAS security mode command not accepted by the UE | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 9.1.4.2 | Identification procedure / IMEI requested | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 9.1.5.1 | EMM information procedure | Rel-8 | C51 | UEs supporting E-UTRA and supporting the EMM information message | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.1.5.2 | EMM information procedure not supported by the UE | Rel-8 | C46 | UEs supporting E-UTRA and does not support the EMM information message | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.1 | Attach / Success / Valid GUTI | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.1a | Attach / Success / Last visited TAI, TAI list and equivalent PLMN list handling | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.2 | Attach / Success / With IMSI, GUTI reallocation | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.3 | Attach Procedure / Success / Request for obtaining the IPv6 address of the home agent | Rel-8 | C68 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 and being configured to request the IPv6 address of the Home Agent during Attach procedure | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.4 | Attach Procedure / Success / Request for obtaining the IPv4 address of the home agent | Rel-8 | C69 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 and being configured to request the IPv4 address of the Home Agent during Attach procedure | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.5 | Void | | | | | | |
| 9.2.1.1.7 | Attach / Success / List of equivalent PLMNs in the ATTACH ACCEPT message | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.9 | Attach / Rejected / IMSI invalid | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.10 | Attach / Rejected / Illegal ME | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.11 | Attach / Rejected / EPS services and non-EPS services not allowed | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, | px_RATCom b_Tested, | 1 Execution (Note 1) |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | | | | | pc_GERAN | px_SinglePLMN_Tested | |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.1.1.12 | Attach / Rejected / EPS services not allowed | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATComb_Tested, px_SinglePLMN_Tested | 1 Execution (Note 1) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.1.1.13 | Attach / Rejected / PLMN not allowed | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.14 | Attach / Rejected / Tracking area not allowed | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.15 | Attach / Rejected / Roaming not allowed in this tracking area | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.16 | Attach / Rejected / EPS services not allowed in this PLMN | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.17 | Attach / Rejected / No suitable cells in tracking area | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.18 | Attach / Rejected / Not authorized for this CSG | Rel-8 | C47 | UEs supporting E-UTRA and allowed CSG list and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.19 | Attach / Abnormal case / Failure due to non integrity protection | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.20 | Attach / Abnormal case / Access barred because of access class barring or NAS signalling connection establishment rejected by the network | Rei-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.21 | Attach / Abnormal case / Success after several attempts due to no network response | Rei-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.22 | Attach / Abnormal case / Unsuccessful attach after 5 attempts | Rei-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.23 | Attach / Abnormal case / Repeated rejects for network failures | Rei-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.1.24 | Attach / Abnormal case / Change of cell into a new | Rei-8 | C04 | UEs supporting E-UTRA and EPS attach (with | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | tracking area | | | or without pre-configuration) | | | |
| 9.2.1.1.25 | Attach / Abnormal case / Mobile originated detach required | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | | |
| 9.2.1.1.26 | Attach / Abnormal case / Detach procedure collision | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eTDD pc_eFDD | | |
| 9.2.1.2.1 | Combined attach / Success / EPS and non-EPS services | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | pc_eTDD pc_eFDD | | |
| 9.2.1.2.1b | Combined attach procedure / Success / SMS only | Rel-8 | C88 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and combined attach and registration to CS for SMS only | pc_eFDD, pc_UTRA, pc_GERAN pc_eTDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| 9.2.1.2.1c | Combined attach procedure / Success / EPS and CS Fallback not preferred | Rel-8 | C86 | UEs supporting E-UTRA, UTRA, combined EPS/IMSI attach (with or without pre-configuration) , and CS fallback and configured to CS/PS voice centric. | pc_eFDD pc_eTDD | | |
| 9.2.1.2.1d | Combined attach procedure / Success / EPS and CS Fallback not preferred/data centric UE | Rel-8 | C87 | UEs supporting E-UTRA , UTRA, combined EPS/IMSI attach (with or without pre-configuration) , and CS fallback (and implicitly SMSoverSGs) and configured to CS/PS data centric. | pc_eFDD pc_eTDD | | |
| 9.2.1.2.2 | Combined attach / Success / EPS services only / IMSI unknown in HSS | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD pc_eTDD | | |
| 9.2.1.2.3 | Combined attach / Success / EPS services only / MSC temporarily not reachable | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD pc_eTDD | | |
| 9.2.1.2.4 | Combined attach / Success / EPS services only / CS domain not available | Rel-8 | C125 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) and (CS/PS Mode 2 or CS/PS Mode 1 with IMS Voice Support) | pc_eFDD pc_eTDD | | |
| 9.2.1.2.5 | Combined attach / Rejected / IMSI invalid | Rel-8 | C128 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN pc_eTDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
|------------|--|---------|---------------|--|----------------------------------|-----------------------|-------------------------|
| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 9.2.1.2.6 | Combined attach / Rejected / Illegal ME | Rel-8 | C02 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.1.2.7 | Combined attach / Rejected / EPS services and non-EPS services not allowed | Rel-8 | C02 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.1.2.8 | Combined attach / Rejected / EPS services not allowed | Rel-8 | C128 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.1.2.9 | Combined attach / Rejected / PLMN not allowed | Rel-8 | C128 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.1.2.10 | Combined attach / Rejected / Tracking area not allowed | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.2.11 | Combined attach / Rejected / Roaming not allowed in this tracking area | Rel-8 | C02 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |

| Clause | TC Title | Release | Applicability | Comment | Additional Information | | Number of TC Executions |
|------------|--|---------|---------------|--|----------------------------------|-------------------|-------------------------|
| | | | Condition | | Specific ICS | Specific Ixit | |
| 9.2.1.2.12 | Combined attach / Rejected / EPS services not allowed in this PLMN | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.2.13 | Combined attach / Rejected / No suitable cells in tracking area | Rel-8 | C02 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATComb_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.1.2.14 | Combined attach / rejected / Not authorized for this CSG | Rel-8 | C123 | UEs supporting E-UTRA and allowed CSG list and combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.1.2.15 | Combined attach / Abnormal case / Handling of the EPS attach attempt counter | Rel-8 | C128 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATComb_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
|------------|--|---------|---------------|--|--|---------------|-------------------------|
| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 9.2.2.1.1 | UE initiated detach / UE switched off | Rel-8 | C53 | UEs supporting E-UTRA and switch on/off | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.2.1.2 | UE initiated detach / USIM removed from the UE | Rel-8 | C03 | UEs supporting E-UTRA and USIM removal without power down | pc_eFDD, pc_USIM_Removal | | |
| | | | | | pc_eTDD, pc_USIM_Removal | | |
| 9.2.2.1.3 | UE initiated detach / EPS capability of the UE is disabled | Rel-8 | C74 | UEs supporting E-UTRA and Disable EPS capability. | pc_eFDD pc_EPS_Disable | | |
| | | | | | pc_eTDD pc_EPS_Disable | | |
| 9.2.2.1.4 | UE initiated detach / detach for non-EPS services | Rel-8 | C106 | UEs supporting E-UTRA and detach for non-EPS services. | pc_eFDD pc_IMSI_Detach | | |
| | | | | | pc_eTDD pc_IMSI_Detach | | |
| 9.2.2.1.6 | UE initiated detach / Abnormal case / Local detach after 5 attempts due to no network response | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.2.1.7 | UE initiated detach / Abnormal case / Detach procedure collision | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD, pc_EPC_AutomaticAttachSwitchOn | | |
| | | | | | pc_eTDD, pc_EPC_AutomaticAttachSwitchOn | | |
| 9.2.2.1.8 | UE initiated detach / Abnormal case / Detach and EMM common procedure collision | Rel-8 | C53 | UEs supporting E-UTRA and switch on/off | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.2.1.9 | UE initiated detach / Abnormal case / Change of cell into a new tracking area | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.2.1.10 | UE initiated detach / Mapped security context | Rel-8 | C01 | UEs supporting E-UTRA and UTRAN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.2.2.1 | NW initiated detach / Re-attach required | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.2.2.2 | NW initiated detach / IMSI detach | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.2.2.14 | NW initiated detach / Abnormal case / EMM cause not included | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.1 | Normal tracking area update / Accepted | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 9.2.3.1.2 | Normal tracking area update / Accepted / "Active" flag set | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.4 | Normal tracking area update / List of equivalent PLMNs in the TRACKING AREA UPDATE ACCEPT message | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.5 | Periodic tracking area update / Accepted | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.6 | Normal tracking area update / UE with ISR active moves to E-UTRAN | Rel-8 | C27 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, ISR | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.1.8 | UE receives an indication that the RRC connection was released with cause "load balancing TAU required" | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.9 | Normal tracking area update / Correct handling of CSG list | Rel-8 | C80 | UEs supporting E-UTRA and allowed CSG list and manual CSG selection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.9a | Normal tracking area update / NAS signalling connection recovery | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.10 | Normal tracking area update / Rejected / IMSI invalid | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested, px_SinglePL MN_Tested | 1 Execution (Note 1) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.1.11 | Normal tracking area update / Rejected / Illegal ME | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 1) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.1.12 | Normal tracking area update / Rejected / EPS service not allowed | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 1) |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
|------------|---|---------|---------------|--|----------------------------------|--|-------------------------|
| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | | | | | | pc_eTDD, pc_UTRA, pc_GERAN | |
| 9.2.3.1.13 | Normal tracking area update / Rejected / UE identity cannot be derived by the network | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.14 | Normal tracking area update / Rejected / UE implicitly detached | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.15 | Normal tracking area update / Rejected / PLMN not allowed | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 1) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.1.16 | Normal tracking area update / Rejected / Tracking area not allowed | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.17 | Normal tracking area update / Rejected / Roaming not allowed in this tracking area | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested, px_SinglePL MN_Tested | 1 Execution (Note 1) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.1.18 | Normal tracking area update / Rejected / EPS services not allowed in this PLMN | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 1) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 9.2.3.1.19 | Normal tracking area update / Rejected / No suitable cells in tracking area | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.20 | Normal tracking area update / Rejected / Not authorized for this CSG | Rel-8 | C47 | UEs supporting E-UTRA and EPS attach (with or without configuration) and allowed CSG list | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.22 | Normal tracking area update / Abnormal case / access barred due to access class control or NAS signalling connection establishment rejected by the network | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.23 | Normal tracking area update / Abnormal case / Success after several attempts due to no network response / TA belongs to TAI list and status is UPDATED | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.25 | Normal tracking area update / Abnormal case / Failure after 5 attempts due to no network response | Rel-8 | C04 | UEs supporting E-UTRA and EPS attach (with or without configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.26 | Normal tracking area update / Abnormal case / TRACKING AREA UPDATE REJECT | Rel-8 | C04 | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.27 | Normal tracking area update / Abnormal case / Change of cell into a new tracking area | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.1.28 | Normal tracking area update / Abnormal case / Tracking area updating and detach procedure collision | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.2.1 | Combined tracking area update / Successful | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.2.1a | Combined tracking area update / Successful / Check of last visited TAI and handling of TAI list, LAI and TMSI | Rel-8 | C121 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) and UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.2.1b | Combined tracking area update / successful / SMS only | Rel-8 | C88 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined attach and registration to CS for SMS only | pc_eFDD, pc_UTRA, pc_GERAN | px_RATComb_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 9.2.3.2.1c | Combined tracking area update / Success / CS Fallback not preferred | Rel-8 | C87 | UEs supporting E-UTRA , UTRA, combined EPS/IMSI attach (with or without pre-configuration) , and CS fallback (and implicitly SMSoverSGs) and configured to data centric. | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.2.2 | Combined tracking area update / Successful for EPS services only / IMSI unknown in HSS | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without configuration) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.2.3 | Combined tracking area update / Successful for EPS services only / MSC temporarily not reachable | Rel-8 | C128 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.2.4 | Combined tracking area update / successful for EPS services only / CS domain not available | Rel-8 | C125 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) and (CS/PS Mode 2 or CS/PS Mode 1 with IMS Voice Support | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.2.5 | Combined tracking area update / Rejected / IMSI invalid | Rel-8 | C128 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.2.6 | Combined tracking area update / Rejected / Illegal ME | Rel-8 | C02 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.2.7 | Combined tracking area update / Rejected / EPS services and non-EPS services not allowed | Rel-8 | C02 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.2.8 | Combined tracking area update / rejected / EPS services not allowed | Rel-8 | C128 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI | pc_eFDD, pc_UTRA, | px_RATCom b_Tested | 1 Execution (Note 2) |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions | |
|------------|---|---------|---------------|---------|--|----------------------------------|-------------------------|----------------------|
| | | | Condition | Comment | Specific ICS | Specific Ixit | | |
| | | | | | attach (with or without configuration) | pc_GERAN | | |
| | | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.2.9 | Combined tracking area update / Rejected / UE identity cannot be derived by the network | Rel-8 | C128 | | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.2.10 | Combined tracking area update / Rejected / UE implicitly detached | Rel-8 | C02 | | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | | pc_eTDD | | |
| 9.2.3.2.11 | Combined tracking area update / Rejected / PLMN not allowed | Rel-8 | C128 | | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.2.12 | Combined tracking area update / Rejected / Tracking area not allowed | Rel-8 | C02 | | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD | | |
| | | | | | | pc_eTDD | | |
| 9.2.3.2.13 | Combined tracking area update / Rejected / Roaming not allowed in this tracking area | Rel-8 | C128 | | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach(with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.2.14 | Combined tracking area update / rejected / EPS services not allowed in this PLMN | Rel-8 | C128 | | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, combined EPS/IMSI attach (with or without pre-configuration) | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | | pc_eTDD, pc_UTRA, | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | | | | | | pc_GERAN | |
| 9.2.3.2.15 | Combined tracking area update / Rejected / No suitable cells in tracking area | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 9.2.3.2.16 | Combined tracking area update / rejected / Not authorized for this CSG | Rel-8 | C123 | UEs supporting E-UTRA and allowed CSG list and combined EPS/IMSI attach (with or without pre-configuration) | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 9.2.3.2.17 | Combined tracking area update / Abnormal case / handling of the EPS tracking area updating attempt counter | Rel-8 | C02 | UEs supporting E-UTRA and combined EPS/IMSI attach (with or without pre-configuration) | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 9.2.3.3.1 | First lu mode to S1 mode inter-system change after attach | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 9.2.3.3.2 | lu mode to S1 mode intersystem change / ISR is active / Expiry of T3312 in E-UTRAN or T3412 in UTRAN and further intersystem change | Rel-8 | C59 | UEs supporting E-UTRAN and UTRAN and ISR | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 9.2.3.3.3 | lu mode to S1 mode intersystem change / Periodic TAU and RAU/ ISR activated, T3423 expired | Rel-8 | C59 | UEs supporting E-UTRAN and UTRAN and ISR | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 9.2.3.3.4 | First S1 mode to lu mode inter-system change after attach | Rel-8 | C01 | UEs supporting E-UTRA and UTRAN | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 9.2.3.3.5 | Periodic routing area update | Rel-8 | C27 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and, ISR | | pc_eFDD, pc_UTRA, pc_GERAN | px_RATComb_Tested |
| | | | | | | pc_eTDD, pc_UTRA, pc_GERAN | 1 Execution (Note 2) |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
|------------|--|---------|---------------|---|----------------------------------|-----------------------|-------------------------|
| | | | Condition | Comment | Specific ICS | Specific IXIT | |
| 9.2.3.3.5a | Periodic Location Update | Rel-8 | C27 | UEs supporting E-UTRA and UTRAN or/and E-UTRA and GERAN, and ISR | pc_eFDD, pc_UTRA, pc_GERAN | px_RATCom b_Tested | 1 Execution (Note 2) |
| | | | | | pc_eTDD, pc_UTRA, pc_GERAN | | |
| 9.2.3.3.6 | E-UTRAN RRC connection failure / Reselection of UTRAN cell / NAS signalling to release old S1 interface connection | Rel-8 | C01 | UEs supporting E-UTRA and UTRAN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.2.3.4.1 | TAU/RAU procedure for inter-system cell reselection between A/Gb and S1 modes | Rel-8 | C05 | UEs supporting E-UTRA and GERAN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.3.1.1 | Service request initiated by UE for user data | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| 9.3.1.2 | Void | | | | | | |
| 9.3.1.3 | Service request / Mobile originating CS fallback | Rel-8 | C26 | UEs supporting E-UTRA and CS fallback | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.3.1.4 | Service request / Rejected / IMSI invalid | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | px_RATCom b_Tested | 1 Execution (Note 1) |
| | | | | | pc_eTDD | | |
| 9.3.1.5 | Service request / Rejected / Illegal ME | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | px_RATCom b_Tested | 1 Execution (Note 1) |
| | | | | | pc_eTDD | | |
| 9.3.1.6 | Service request / Rejected / EPS services not allowed | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | px_RATCom b_Tested | 1 Execution (Note 1) |
| | | | | | pc_eTDD | | |
| 9.3.1.7 | Service request / Rejected / UE identity cannot be derived by the network | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.3.1.7a | Service request / Rejected / UE implicitly detached | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD pc_eTDD | | |
| | | | | | | | |
| 9.3.1.12a | Extended service request / Rejected / CS domain temporarily not available | Rel-8 | C26 | UEs supporting E-UTRA and CS fallback | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.3.1.15 | Service request / Abnormal case / Tracking area update procedure is triggered for CS Fallback | Rel-8 | C26 | UEs supporting E-UTRA and CS fallback | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.3.1.16 | Service request / Abnormal case / Switch off | Rel-8 | C53 | UEs supporting E-UTRA and switch on/off | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.3.1.17 | Service request / Abnormal case / Procedure collision | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.3.1.18 | Service request / Rejected / Not authorized for this CSG | Rel-8 | C47 | UEs supporting E-UTRA and allowed CSG list and EPS attach (with or without pre-configuration) | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 9.3.2.1 | Paging procedure | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.3.2.2 | Paging for CS fallback / Idle mode | Rel-8 | C26 | UEs supporting E-UTRA and CS fallback | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.3.2.2a | Paging for CS fallback / Connected mode | Rel-8 | C26 | UEs supporting E-UTRA and CS fallback | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.4.1 | Integrity protection / Correct functionality of EPS NAS integrity algorithm / SNOW3G | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.4.2 | Integrity protection / Correct functionality of EPS NAS integrity algorithm / AES | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.4.3 | Ciphering and deciphering / Correct functionality of EPS NAS encryption algorithm / SNOW3G | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 9.4.4 | Ciphering and deciphering / Correct functionality of EPS NAS encryption algorithm / AES | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10 | EPS Session Management | | | | | | |
| 10.2.1 | Dedicated EPS bearer context activation / Success | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.3.1 | EPS bearer context modification / Success | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.4.1 | EPS bearer context deactivation / Success | Rel-8 | C97 | UEs supporting E-UTRA and Multiple PDN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.5.1 | UE requested PDN connectivity procedure accepted by the network | Rel-8 | C97 | UEs supporting E-UTRA and Multiple PDN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.5.2 | Void | | | | | | |
| | | | | | | | |
| 10.5.3 | UE requested PDN connectivity procedure not accepted | Rel-8 | C97 | UEs supporting E-UTRA and Multiple PDN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.6.1 | UE requested PDN disconnect procedure accepted by the network | Rel-8 | C97 | UEs supporting E-UTRA and Multiple PDN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.6.2 | Void | | | | | | |
| | | | | | | | |
| 10.7.1 | UE requested bearer resource allocation, accepted by the network / New EPS bearer context | Rel-8 | C54 | UEs supporting E-UTRA and ESM UE requested bearer resource allocation procedure | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.7.2 | UE requested bearer resource allocation accepted by the network / Existing EPS bearer context | Rel-8 | C54 | UEs supporting E-UTRA and ESM UE requested bearer resource modification procedure | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.7.3 | UE requested bearer resource allocation not accepted by the network | Rel-8 | C54 | UEs supporting E-UTRA and ESM UE requested bearer resource allocation procedure | pc_eFDD | | |
| | | | | | pc_eTDD | | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 10.7.4 | UE requested bearer resource allocation / Expiry of timer T3480 | Rel-8 | C54 | UEs supporting E-UTRA and ESM UE requested bearer resource allocation procedure | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.7.5 | UE requested bearer resource allocation / BEARER RESOURCE ALLOCATION REJECT message including cause #43 'unknown EPS bearer context' | Rel-8 | C98 | UEs supporting E-UTRA and ESM UE requested bearer resource allocation procedure and Multiple PDN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.8.1 | UE requested bearer resource modification accepted by the network / New EPS bearer context | Rel-8 | C55 | UEs supporting E-UTRA and ESM UE requested bearer resource modification procedure and UE requested modification of network allocated TFTs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.8.2 | UE requested bearer resource modification accepted by the network / Existing EPS bearer context | Rel-8 | C55 | UEs supporting E-UTRA and ESM UE requested bearer resource modification procedure and UE requested modification of network allocated TFTs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.8.3 | UE requested bearer resource modification not accepted by the network | Rel-8 | C55 | UEs supporting E-UTRA and ESM UE requested bearer resource modification procedure and UE requested modification of network allocated TFTs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.8.4 | UE requested bearer resource modification / Cause #36 'regular deactivation' | Rel-8 | C55 | UEs supporting E-UTRA and ESM UE requested bearer resource modification procedure and UE requested modification of network allocated TFTs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.8.5 | UE requested bearer resource modification / BEARER RESOURCE MODIFICATION REJECT message including cause #43 'unknown EPS bearer context' | Rel-8 | C55 | UEs supporting E-UTRA and ESM UE requested bearer resource modification procedure and UE requested modification of network allocated TFTs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.8.6 | UE requested bearer resource modification / Collision of a UE requested bearer resource modification procedure and EPS bearer context deactivation procedure | Rel-8 | C55 | UEs supporting E-UTRA and ESM UE requested bearer resource modification procedure and UE requested modification of network allocated TFTs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.8.7 | UE requested bearer resource modification / Expiry of timer T3481 | Rel-8 | C55 | UEs supporting E-UTRA and ESM UE requested bearer resource modification procedure and UE requested modification of network allocated TFTs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 10.9.1 | UE routing of uplink packets | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11 | General Tests | | | | | | |
| 11.1.1 | MT-SMS over SGs / Idle mode | Rel-8 | C22 | UEs supporting E-UTRA and MT SMS over SGs | pc_eFDD | | |
| | | | | | pc_eTDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 11.1.2 | MT-SMS over SGs / Active mode | Rel-8 | C22 | UEs supporting E-UTRA and MT SMS over SGs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11.1.3 | MO-SMS over SGs / Idle mode | Rel-8 | C23 | UEs supporting E-UTRA and MO SMS over SGs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11.1.4 | MO-SMS over SGs / Active mode | Rel-8 | C23 | UEs supporting E-UTRA and MO SMS over SGs | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11.2 | Emergency calls over IMS | | | | | | |
| 11.2.1 | Emergency bearer services / Normal cell / NORMAL-SERVICE / Local Emergency Numbers List sent in the Attach / PDN connect new emergency EPS bearer context / Service request / Emergency PDN disconnect | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eFDD | | |
| 11.2.2 | Emergency bearer services / Normal cell / LIMITED-SERVICE / Attach / PDN connect | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11.2.3 | Emergency bearer services / CSG cell / LIMITED-SERVICE / Attach / Security mode control procedure without prior authentication / PDN connect / Service request / PDN disconnect / Detach upon UE switched off / Temporary storage of EMM information | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11.2.4 | Emergency bearer services / Normal cell / NO-IMSI / Attach / No EPS security context / PDN connect / Service request / Timer T3412 expires | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11.2.5 | Emergency bearer services / Normal cell / NORMAL-SERVICE / Local Emergency Numbers List NOT sent in the Attach / PDN connect new emergency EPS bearer context / Authentication SQN code failure - MME aborts authentication continues using current security context / Service request | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11.2.6 | Handling of Local Emergency Numbers List provided during Attach and Normal tracking area update procedures | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11.2.7 | UE has PDN connection for emergency bearer services / Normal tracking area update / Accepted / Local Emergency Numbers List is not sent by the network / Handling of the lists of forbidden tracking areas | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 11.2.8 | Attach for emergency bearer services / Rejected / No suitable cells in tracking area / Emergency call using the CS domain | Rel-9 | C109 | UEs supporting E-UTRA and IMS emergency call and establishing the emergency call using the CS domain in UTRA or GERAN or 1xRTT | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 11.2.10 | LIMITED-SERVICE / EPS does not support IMS Emergency / Emergency call using the CS domain | Rel-9 | C71 | UEs supporting E-UTRA and IMS emergency call | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 12 | E-UTRA Radio Bearer Tests | | | | | | |
| 12.2.1 | Data transfer of E-UTRA radio bearer combinations 1, 3, 6 and 9 | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 12.2.2 | Data transfer of E-UTRA radio bearer combinations 2, 4, 7 and 10 | Rel-8 | C16 | UEs supporting E-UTRA and Feature Group Indicator 7 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 12.2.3 | Data transfer of E-UTRA radio bearer combinations 5, 6, 8, 11 and 12 | Rel-8 | C32 | UEs supporting E-UTRA and Feature Group Indicator 7 and Feature Group Indicator 20 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 12.2.4 | Data transfer of E-UTRA radio bearer combination 13 | Rel-8 | C33 | UEs supporting E-UTRA and Feature Group Indicator 20 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 12.3.1 | Data transfer of E-UTRA radio bearer combinations 1, 3, 6 and 9 / MIMO | Rel-8 | C56 | UEs supporting E-UTRA and (UE Category 2 or UE Category 3 or UE Category 4 or UE Category 5) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 12.3.2 | Data transfer of E-UTRA radio bearer combinations 2, 4, 7 and 10 / MIMO | Rel-8 | C29 | UEs supporting E-UTRA and Feature Group Indicator 7 and (UE Category 2 or UE Category 3 or UE Category 4 or UE Category 5) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 12.3.3 | Data transfer of E-UTRA radio bearer combinations 5, 6, 8, 11 and 12 / MIMO | Rel-8 | C31 | UEs supporting E-UTRA and Feature Group Indicator 7 and Feature Group Indicator 20 and (UE Category 2 or UE Category 3 or UE Category 4 or UE Category 5) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 12.3.4 | Data transfer of E-UTRA radio bearer combination 13 / MIMO | Rel-8 | C30 | UEs supporting E-UTRA and Feature Group Indicator 20 and (UE Category 2 or UE Category 3 or UE Category 4 or UE Category 5) | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13 | Multi-layer Procedures | | | | | | |
| 13.1.1 | Activation and deactivation of additional packet radio bearer in E-UTRA | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.2 | Call setup from E-UTRAN RRC_IDLE / CS fallback to UTRAN with redirection / MO call | Rel-8 | C48 | UEs supporting E-UTRA and UTRA and CS fallback and speech | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.2a | Call setup from E-UTRAN RRC_IDLE / CS fallback to UTRAN with redirection including System Information / MO call | Rel-9 | C104 | UEs supporting E-UTRA and UTRA and CS fallback and use of the UTRA system information provided by <i>RRCConnectionRelease</i> upon redirection | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.3 | Call setup from E-UTRAN RRC_CONNECTED / CS | Rel-8 | C84 | UEs supporting E-UTRA and UTRA and CS | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | fallback to UTRAN with redirection / MT call | | | fallback and speech and PS domain services and CS domain services simultaneously | pc_eTDD | | |
| 13.1.4 | Call setup from E-UTRAN RRC_IDLE / CS fallback to UTRAN with Handover / MT call | Rel-8 | C81 | UEs supporting E-UTRA and UTRA and CS fallback and Feature Group Indicator 8 and speech and PS domain services and CS domain services simultaneously | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.5 | Call setup from E-UTRAN RRC_CONNECTED / CS fallback to UTRAN with Handover / MO call | Rel-8 | C81 | UEs supporting E-UTRA, UTRA, CS fallback and Feature Group Indicator 8 and speech and PS domain services and CS domain services simultaneously | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.7 | Call setup from E-UTRA RRC_IDLE / CS fallback to GSM with redirection / MT call | Rel-8 | C57 | UEs supporting E-UTRA and GERAN and CS fallback and speech | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.8 | Call setup from E-UTRA RRC_CONNECTED / CS fallback to GSM with redirection / MO call | Rel-8 | C60 | UEs supporting E-UTRA and GERAN and CS fallback and speech | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.9 | Call setup from E-UTRA RRC_IDLE / CS fallback to GSM with CCO without NACC / MO call | Rel-8 | C96 | UEs supporting E-UTRA and GERAN and CS fallback and Feature Group Indicator 10 and speech | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.10 | Call setup from E-UTRA RRC_CONNECTED / CS fallback to GSM with CCO without NACC / MT call | Rel-8 | C96 | UEs supporting E-UTRA and GERAN and CS fallback and and Feature Group Indicator 10 and speech | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.11 | Call setup from E-UTRA RRC_IDLE / CS fallback to GSM with PSHO / EDTM not supported / MT call | Rel-8 | C110 | UEs supporting E-UTRA and GERAN and CS fallback and PS handover from E-UTRAN to GERAN and Feature Group Indicator 23 and speech | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.12 | Call setup from E-UTRA RRC_CONNECTED / CS fallback to GSM with PSHO / EDTM not supported / MO call | Rel-8 | C110 | UEs supporting E-UTRA and GERAN and CS fallback and PS handover from E-UTRAN to GERAN and Feature Group Indicator 23 and speech | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.13 | Call setup from E-UTRA RRC_IDLE / CS fallback to GSM with PSHO / EDTM supported / MT call | Rel-8 | C111 | UEs supporting E-UTRA and GERAN and EDTM and CS fallback and PS handover from E-UTRAN to GERAN and Feature Group Indicator 23 and speech | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.15 | Call setup from E-UTRAN RRC_IDLE / CS fallback to UTRAN with redirection / MT call / UTRAN cell is barred | Rel-8 | C48 | UEs supporting E-UTRA and UTRA and CS fallback and speech | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.16 | Emergency call setup from E-UTRAN RRC_IDLE / | Rel-8 | C105 | UEs supporting E-UTRA, UTRA, CS fallback and | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | CS fallback to UTRAN with handover | | | Feature Group Indicator 8 and speech | pc_eTDD | | |
| 13.1.17 | Call setup from E-UTRAN RRC_IDLE / mobile originating 1xCS fallback emergency call to 1xRTT. | Rel-8 | C41 | UEs supporting E-UTRA and 1xRTT and 1xCS fallback | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.1.18 | Call setup from E-UTRAN RRC_IDLE / mobile originating enhanced 1xCS fallback emergency call to 1xRTT. | Rel-9 | C116 | UEs supporting E-UTRA and 1xRTT and 1xCS fallback | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.2.1 | RRC connection reconfiguration / E-UTRA to E-UTRA | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.3.1.1 | Intra-system connection re-establishment / Radio link recovery while T310 is running | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.3.1.2 | Intra-system connection re-establishment / Re-establishment of a new connection when further data is to be transferred | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.3.2.1 | Inter-system connection re-establishment / E-UTRAN to UTRAN / Further data are to be transferred | Rel-8 | C01 | UEs Supporting E-UTRA and UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.3.2.2 | Inter-system connection re-establishment / E-UTRAN to GPRS / Further data are to be transferred | Rel-8 | C05 | UEs Supporting E-UTRA and GERAN | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.4.1.2 | Inter-frequency mobility / E-UTRA to E-UTRA packet | Rel-8 | C21 | UEs supporting E-UTRA and Feature Group Indicator 13 and Feature Group Indicator 25 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.4.1.3 | Intra-system mobility / E-UTRA FDD to E-UTRA TDD to E-UTRA FDD packet | Rel-8 | C63 | UEs supporting E-UTRA FDD and TDD and Feature Group Indicator 30 | pc_eFDD AND pc_eTDD | | |
| 13.4.2.1 | Inter-system mobility / E-UTRA to UTRA packet | Rel-8 | C36 | UEs supporting E-UTRA and UTRA and Feature Group Indicator 8 and Feature Group Indicator 22 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.4.2.2 | Inter-system mobility / E-UTRAN to GPRS packet | Rel-8 | C107 | UEs supporting E-UTRA and GERAN and PS handover from E-UTRAN to GERAN and Feature Group Indicator 23 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.4.2.4 | Inter-system mobility / Service based redirection from UTRA to E-UTRA | Rel-8 | C01 | UEs supporting E-UTRA and UTRA | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 13.4.2.5 | Inter-system mobility / Service based redirection from GSM/GPRS to E-UTRA | Rel-8 | C114 | UEs supporting E-UTRA and GERAN and CCN towards E-UTRAN, E-UTRAN Neighbour Cell measurement reporting and Network controlled cell reselection to E-UTRAN | pc_eFDD | | |

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| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| 13.4.2.6 | Inter-RAT PS Handover / from GPRS packet transfer to E-UTRA cell | Rel-8 | C89 | UEs supporting E-UTRA and GSM and GERAN to E-UTRAN PS Handover | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 13.4.2.7 | Inter-RAT PS Handover / Synchronised / From GPRS Packet_transfer to E-UTRA cell (CCN mode) | Rel-8 | C89 | UEs supporting E-UTRA and GSM and GERAN to E-UTRAN PS Handover | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 13.4.2.8 | Inter-RAT PS Handover / Synchronised / From GPRS Packet_transfer to E-UTRA cell (NC2 mode) | Rel-8 | C89 | UEs supporting E-UTRA and GSM and GERAN to E-UTRAN PS Handover | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 13.4.3.1 | Inter-system mobility / E-UTRA voice to UTRA CS voice / SRVCC | Rel-8 | C112 | UEs supporting E-UTRA and UTRA and Feature Group Indicator 7, 8, 22 and 27 and SRV,CC IM and 27 S voice | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 13.4.3.2 | Inter-system mobility / E-UTRA PS voice + PS data to UTRA CS voice + PS data / SRVCC | Rel-8 | C112 | UEs supporting E-UTRA and UTRA and Feature Group Indicator 7, 8, 22 and 27 and SRV,CC IM and 27 S voice | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 13.4.3.4 | Inter-system mobility / E-UTRA voice to UTRA CS voice / Unsuccessful case / Retry on old cell / SRVCC | Rel-8 | C112 | UEs supporting E-UTRA and UTRA and Feature Group Indicator 7, 8, 22 and 27 and SRV,CC IM and 27 S voice | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 13.4.4.1 | Pre-registration at 1xRTT and Cell reselection / 1x Zone Registration | Rel-9 | C41 | <u>UEs supporting E-UTRA and 1xRTT and 1xCS fallback</u> | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 13.4.4.2 | Pre-registration at 1xRTT and Cell reselection / 1x Ordered Registration | Rel-9 | C41 | <u>UEs supporting E-UTRA and 1xRTT and 1xCS fallback</u> | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 13.4.4.3 | Inter-system session management / eHRPD Multiple PDN setup in eHRPD pre-registration state | Rel-9 | C42 | UEs supporting E-UTRA and HRPD and Feature Group Indicator 12 and Feature Group Indicator 26 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 13.4.4.4 | <u>Inter-system session management / Pre-registration at HRPD and Cell reselection / HRPD Zone Registration</u> | Rel-9 | C42 | UEs supporting E-UTRA and HRPD and Feature Group Indicator 12 and Feature Group Indicator 26 | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 14 | ETWS | | | | | | |
| 14.1 | ETWS reception in RRC_IDLE state / Duplicate detection | Rel-8 | C64 | UEs supporting E-UTRA and ETWS reception | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 14.2 | ETWS reception in RRC_CONNECTED state / Duplicate detection | Rel-8 | C64 | UEs supporting E-UTRA and ETWS reception | pc_eTDD | | |
| | | | | | pc_eFDD | | |
| 14.3 | Void | | | | | | |
| 15 | Mobility management based on DSMIPv6 (Dual- | | | | | | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
|---------------------------|--|---------|---------------|--|------------------------|---------------|-------------------------|
| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| Stack Mobile IPv6) | | | | | | | |
| 15.1 | Discovery of the Home Agent via DNS | Rel-8 | C34 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 and being configured to discover the Home Agent address via DNS | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.2 | Discovery of the Home Agent via DHCPv6 | Rel-8 | C49 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 and being configured to discover the Home Agent address via DHCPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.3 | Void | | | | | | |
| 15.4 | Security association establishment with Home Agent reallocation procedure | Rel-8 | C35 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.5 | Security association establishment without Home Agent reallocation procedure | Rel-8 | C35 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.6 | Registration of a new IPv6 CoA (Binding Update/Acknowledgment procedure in IPv6 network) | Rel-8 | C35 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.7 | Registration of a new IPv4 CoA (Binding Update/Acknowledgment procedure in IPv4 network) | Rel-8 | C35 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.8 | Re-registration of IPv6 CoA | Rel-8 | C35 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.9 | Re-registration of IPv4 CoA | Rel-8 | C35 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.10 | Return to home link | Rel-8 | C35 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.11 | Dual-Stack Mobile IPv6 detach in IPv6 network | Rel-8 | C35 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 15.12 | Dual-Stack Mobile IPv6 detach in IPv4 network | Rel-8 | C35 | UEs supporting E-UTRA and Mobility management based on Dual-Stack Mobile IPv6 | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 17 | MBMS in LTE | | | | | | |
| 17.1 | MCCH Information Acquisition | | | | | | |
| 17.1.1 | MCCH information acquisition/ UE is switched on | Rel-9 | C113 | UEs supporting E-UTRA and MBMS | pc_eFDD | | |
| | | | | | pc_eTDD | | |
| 17.1.2 | MCCH information acquisition/UE cell reselection to a cell in a new MBSFN area | Rel-9 | C113 | UEs supporting E-UTRA and MBMS | pc_eFDD | | |

| Clause | TC Title | Release | Applicability | | Additional Information | | Number of TC Executions |
|---------------|---|---------|---------------|--------------------------------|------------------------|---------------|-------------------------|
| | | | Condition | Comment | Specific ICS | Specific Ixit | |
| | | | | | | pc_eTDD | |
| 17.1.3 | MCCH information acquisition/UE handover to a cell in a new MBSFN area | Rel-9 | C113 | UEs supporting E-UTRA and MBMS | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 17.1.4 | MCCH information acquisition/ UE is receiving an MBMS service | Rel-9 | C113 | UEs supporting E-UTRA and MBMS | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 17.1.5 | MCCH information acquisition/ UE is not receiving MBMS data | Rel-9 | C113 | UEs supporting E-UTRA and MBMS | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 17.2 | MBMS data receiving | | | | | | |
| 17.2.1 | UE Acquire the MBMS data based on the SIB13 and MCCH message /MCCH and MTCH are on the same MCH | Rel-9 | C113 | UEs supporting E-UTRA and MBMS | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 17.2.2 | UE Acquire the MBMS data based on the SIB13 and MCCH message /MCCH and MTCH are on different MCHs | Rel-9 | C113 | UEs supporting E-UTRA and MBMS | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 17.2.3 | UE receives the MBMS data when this data is in the beginning of the MSP | Rel-9 | C113 | UEs supporting E-UTRA and MBMS | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 17.2.4 | Reception of PDCCH DCI format 0 and PHICH in MBSFN subframes | Rel-9 | C113 | UEs supporting E-UTRA and MBMS | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| 17.3 | MBMS Counting Procedure | | | | | | |
| 17.3.1 | MBMS Counting / UE not receiving MBMS service | Rel-10 | C113 | UEs supporting E-UTRA and MBMS | | pc_eFDD | |
| | | | | | | pc_eTDD | |
| | MBMS Counting / UE receiving MBMS service | Rel-10 | C113 | UEs supporting E-UTRA and MBMS | | pc_eFDD | |
| 17.3.2 | | | | | | pc_eTDD | |
| 18 | PWS Over LTE | | | | | | |
| 18.1 | VOID | | | | | | |
| 18.1.1 | PWS reception in RRC_IDLE state / Duplicate detection | Rel-9 | C129 | UEs supporting E-UTRA and CMAS | | pc_eFDD | |
| | | | | | | pc_eTDD | |

Table 4-1a: Applicability of tests Conditions

| | |
|-----|--|
| C01 | IF A.4.1-1/6 THEN R ELSE N/A |
| C02 | IF A.4.4-2/2 THEN R ELSE N/A |
| C03 | IF A.4.4-1/1 THEN R ELSE N/A |
| C04 | IF A.4.4-2/1 THEN R ELSE N/A |
| C05 | IF A.4.1-1/7 THEN R ELSE N/A |
| C06 | IF A.4.1-1/3 THEN R ELSE N/A |
| C07 | IF A.4.1-1/4 THEN R ELSE N/A |
| C08 | IF A.4.5-1/5 THEN R ELSE N/A |
| C09 | Void |
| C10 | IF A.4.5-1/25 THEN R ELSE N/A |
| C11 | IF A.4.5-1/16 AND A.4.5-1/25 THEN R ELSE N/A |
| C12 | Void |
| C13 | IF A.4.1-1/6 AND A.4.5-1/16 AND A.4.5-1/22 THEN R ELSE N/A |
| C14 | IF A.4.5-1/5 AND A.4.5-1/17 THEN R ELSE N/A |
| C15 | IF A.4.5-1/3 AND A.4.5-1/7 THEN R ELSE N/A |
| C16 | IF A.4.5-1/7 THEN R ELSE N/A |
| C17 | IF A.4.1-1/6 AND A.4.1-1/7 AND A.4.5-1/22 AND A.4.5-1/23 THEN R ELSE N/A |
| C18 | Void |
| C19 | IF A.4.5-1/6 AND A.4.5-1/7 THEN R ELSE N/A |
| C20 | IF A.4.1-1/7 AND A.4.5-1/16 AND A.4.5-1/23 THEN R ELSE N/A |
| C21 | IF A.4.5-1/13 AND A.4.5-1/25 THEN R ELSE N/A |
| C22 | IF A.4.4-1/3 THEN R ELSE N/A |
| C23 | IF A.4.4-1/4 THEN R ELSE N/A |
| C24 | IF A.4.1-1/3 AND A.4.5-1/16 AND A.4.5-1/26 THEN R ELSE N/A |
| C25 | IF A.4.1-1/4 AND A.4.5-1/16 AND A.4.5-1/24 THEN R ELSE N/A |
| C26 | IF A.4.2.1.1-1/1 THEN R ELSE N/A |
| C27 | IF (A.4.1-1/6 OR A.4.1-1/7) AND A.4.4-1/5 THEN R ELSE N/A |
| C28 | IF A.4.5-1/1 THEN R ELSE N/A |
| C29 | IF A.4.5-1/7 AND (A.4.3.2-1/2 OR A.4.3.2-1/3 OR A.4.3.2-1/4 OR A.4.3.2-1/5) THEN R ELSE N/A |
| C30 | IF A.4.5-1/20 AND (A.4.3.2-1/2 OR A.4.3.2-1/3 OR A.4.3.2-1/4 OR A.4.3.2-1/5) THEN R ELSE N/A |
| C31 | IF (A.4.5-1/7 AND A.4.5-1/20 AND (A.4.3.2-1/2 OR A.4.3.2-1/3 OR A.4.3.2-1/4 OR A.4.3.2-1/5)) THEN R ELSE N/A |
| C32 | IF (A.4.5-1/7 AND A.4.5-1/20) THEN R ELSE N/A |
| C33 | IF A.4.5-1/20 THEN R ELSE N/A |
| C34 | IF A.4.4-1/6 AND A.4.4-1/7 THEN R ELSE N/A |
| C35 | IF A.4.4-1/6 THEN R ELSE N/A |
| C36 | IF A.4.1-1/6 AND A.4.5-1/8 AND A.4.5-1/22 THEN R ELSE N/A |
| C37 | IF A.4.1-1/6 AND (A.4.4-1/8 OR A.4.4-1/53) AND A.4.5-2/2 THEN R ELSE N/A |
| C38 | IF A.4.1-1/7 AND A.4.5-1/10 AND A.4.5-1/23 THEN R ELSE N/A |
| C39 | IF A.4.1-1/6 AND A.4.5-1/5 AND A.4.5-1/19 AND A.4.5-1/22 THEN R ELSE N/A |
| C40 | IF A.4.1-1/7 AND A.4.5-1/5 AND A.4.5-1/19 AND A.4.5-1/23 THEN R ELSE N/A |
| C41 | IF A.4.1-1/4 AND A.4.2.1.1-1/3 THEN R ELSE N/A |
| C42 | IF A.4.1-1/3 AND A.4.5-1/12 AND A.4.5-1/26 THEN R ELSE N/A |

| | |
|-----|--|
| C44 | IF A.4.1-1/3 AND A.4.5-1/5 AND A.4.5-1/19 AND A.4.5-1/26 THEN R ELSE N/A |
| C45 | IF A.4.1-1/4 AND A.4.5-1/5 AND A.4.5-1/19 AND A.4.5-1/24 THEN R ELSE N/A |
| C46 | IF A.4.1-1/1 OR A.4.1-1/2 AND(NOT A.4.4-1/9) THEN R ELSE N/A |
| C47 | IF A.4.4-1/2 AND A.4.4-2/1 THEN R ELSE N/A |
| C48 | IF A.4.1-1/6 AND A.4.2.1.1-1/1 AND [8]A.2/1 THEN R ELSE N/A |
| C49 | IF A.4.4-1/6 AND A.4.4-1/10 THEN R ELSE N/A |
| C50 | Void |
| C51 | IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.4-1/9 AND (A.4.4-1/12 OR A.4.4-1/13 OR A.4.4-1/14 OR A.4.4-1/15) THEN R ELSE N/A |
| C52 | IF A.4.1-1/4 AND A.4.4-1/16 THEN R ELSE N/A |
| C53 | IF A.4.4-1/17 THEN R ELSE N/A |
| C54 | IF A.4.4-1/18 THEN R ELSE N/A |
| C55 | IF A.4.4-1/19 AND A.4.4-1/54 THEN R ELSE N/A |
| C56 | IF (A.4.3.2-1/2 OR A.4.3.2-1/3 OR A.4.3.2-1/4 OR A.4.3.2-1/5) THEN R ELSE N/A |
| C57 | IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.1-1/7 AND A.4.2.1.1-1/1 AND [8]A.2/1 THEN R ELSE N/A |
| C58 | IF A.4.5-1/21 THEN R ELSE N/A |
| C59 | IF A.4.1-1/6 AND A.4.4-1/5 AND NOT (A.4.2.1.1-1/1) THEN R ELSE N/A |
| C60 | IF A.4.1-1/7 AND A.4.2.1.1-1/1 AND [8]A.2/1 THEN R ELSE N/A |
| C61 | IF A.4.1-1/6 AND A.4.1-1/7 AND A.4.5-1/16 AND A.4.5-1/22 AND A.4.5-1/23 THEN R ELSE N/A |
| C62 | Void |
| C63 | IF A.4.1-1/1 AND A.4.1-1/2 AND A.4.5-1/30 THEN R ELSE N/A |
| C64 | IF A.4.4-1/20 THEN R ELSE N/A |
| C65 | Void |
| C66 | IF [8]A.1/4 AND A.4.4-1/21 THEN R ELSE N/A |
| C67 | Void |
| C68 | IF A.4.4-1/6 AND A.4.4-1/22 THEN R ELSE N/A |
| C69 | IF A.4.4-1/6 AND A.4.4-1/23 THEN R ELSE N/A |
| C70 | Void |
| C71 | IF A.4.2.1.1-1/4 THEN R ELSE N/A |
| C72 | Void |
| C73 | Void |
| C74 | IF A.4.4-1/26 THEN R ELSE N/A |
| C75 | IF A.4.1-1/6 AND A.4.4-1/2 THEN R ELSE N/A |
| C76 | IF A.4.1-1/6 AND A.4.4-1/2 AND A.4.4-1/49 THEN R ELSE N/A |
| C77 | IF A.4.1-1/6 AND A.4.5-2/1 THEN R ELSE N/A |
| C78 | Void |
| C79 | Void |
| C80 | IF A.4.4-1/2 AND A.4.4-1/49 THEN R ELSE N/A |
| C81 | IF ([8]A.1/1 OR [8]A.1/2) AND A.4.2.1.1-1/1 AND A.4.5-1/8 AND [8]A.2/1 AND [8]A.3/3 THEN R ELSE N/A |
| C82 | IF A.4.1-1/6 AND A.4.4-1/2 AND A.4.5-2/1 THEN R ELSE N/A |
| C83 | Void |
| C84 | IF A.4.1-1/6 AND A.4.2.1.1-1/1 AND [8]A.2/1 AND [8]A.3/3 THEN R ELSE N/A |
| C85 | Void |
| C86 | IF A.4.1-1/6 AND A.4.4-2/2 AND A.4.2.1.1-1/1 AND A.4.4-2/4 THEN R ELSE N/A |
| C87 | IF A.4.1-1/6 AND A.4.4-2/2 AND A.4.2.1.1-1/1 AND A.4.4-2/5 THEN R ELSE N/A |

| | |
|------|--|
| C88 | IF (A.4.2.1.1-1/2 OR A.4.2.1.1-1/3) AND A.4.2.1.1-1/4 AND (A.4.1-1/6 OR A.4.1-1/7) THEN R ELSE N/A |
| C89 | IF A.4.1-1/7 AND A.4.4-1/29 THEN R ELSE N/A |
| C90 | IF A.4.1-1/7 AND A.4.5-1/23 THEN R ELSE N/A |
| C91 | IF A.4.1-1/6 AND A.4.5-1/22 THEN R ELSE N/A |
| C92 | IF A.4.1-1/3 AND A.4.5-1/26 THEN R ELSE N/A |
| C93 | IF A.4.1-1/4 AND A.4.5-1/24 THEN R ELSE N/A |
| C94 | Void |
| C95 | IF A.4.1-1/7 AND A.4.4-1/2 AND A.4.4-1/49 THEN R ELSE N/A |
| C96 | IF A.4.5-1/10 AND A.4.1-1/7 AND A.4.2.1.1-1/1 AND [8]A.2/1 THEN R ELSE N/A |
| C97 | IF A.4.4-1/30 THEN R ELSE N/A |
| C98 | IF (A.4.4-1/18 AND A.4.4-1/30) THEN R ELSE N/A |
| C99 | IF A.4.4-1/51 AND A.4.5-1/7 THEN R ELSE N/A |
| C100 | IF A.4.4-1/50 AND A.4.5-1/7 THEN R ELSE N/A |
| C101 | Void |
| C102 | Void |
| C103 | IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.3.2-1/1 THEN R ELSE N/A |
| C104 | IF A.4.1-1/6 AND A.4.2.1.1-1/1 AND A.4.4-1/31 THEN R ELSE N/A |
| C105 | IF A.4.1-1/6 AND A.4.2.1.1-1/1 AND A.4.5-1/8 AND [8]A.2/1 THEN R ELSE N/A |
| C106 | IF A.4.4-1/34 THEN R ELSE N/A |
| C107 | IF A.4.1-1/7 AND A.4.4-1/52 AND A.4.5-1/23 THEN R ELSE N/A |
| C108 | Void |
| C109 | IF A.4.2.1.1-1/4 AND (A.4.4-1/35 OR A.4.4-1/36 OR A.4.4-1/37) THEN R ELSE N/A |
| C110 | IF A.4.4-1/52 AND A.4.5-1/23 AND A.4.1-1/7 AND A.4.2.1.1-1/1 AND [8]A.2/1 THEN R ELSE N/A |
| C111 | IF A.4.4-1/38 AND A.4.4-1/52 AND A.4.5-1/23 AND A.4.1-1/7 AND A.4.2.1.1-1/1 AND [8]A.2/1 THEN R ELSE N/A |
| C112 | IF A.4.1-1/6 AND A.4.5-1/7 AND A.4.5-1/8 AND A.4.5-1/22 AND A.4.5-1/27 AND A.4.4-1/32 AND A.4.4-1/33 THEN R ELSE N/A |
| C113 | IF (A.4.1-1/1 OR A.4.1-1/2) AND A.4.2.1.1-1/5 THEN R ELSE N/A |
| C114 | IF A.4.1-1/7 AND A.4.4-1/39 THEN R ELSE N/A |
| C115 | IF (A.4.1-1/7 AND NOT A.4.4-2/5) THEN R ELSE N/A |
| C116 | IF A.4.1-1/4 AND A.4.2.1.1-1/6 THEN R ELSE N/A |
| C117 | IF A.4.1-1/6 AND (([8]A.18a/14 AND [8]A.18a/18) OR ([8]A.18b/10 AND [8]A.18b/14)) AND A.4.5-1/8 AND A.4.5-1/22 THEN R ELSE N/A |
| C118 | IF A.4.4-1/2 AND A.4.5-1/25 THEN R ELSE N/A |
| C119 | IF A.4.1-1/6 AND A.4.4-1/2 AND A.4.5-1/22 THEN R ELSE N/A |
| C120 | IF A.4.5-1/3 AND A.4.5-1/7 AND A.4.4-1/40 AND A.4.4-1/41 THEN R ELSE N/A |
| C121 | IF A.4.4-2/2 AND A.4.1-1/6 THEN R ELSE N/A |
| C122 | Void |
| C123 | IF A.4.4-1/2 AND A.4.4-2/2 THEN R ELSE N/A |
| C124 | IF (A.4.1-1/6 OR A.4.1-1/7) AND A.4.4-1/5 AND A.4.4-2/1 THEN R ELSE N/A |
| C125 | IF A.4.4-2/2 AND (A.4.4-2/5 OR (A.4.4-2/4 AND A.4.4-1/33)) THEN R ELSE N/A |
| C126 | IF A.4.1-1/6 AND A.4.4-1/56 THEN R ELSE N/A |
| C127 | IF A.4.1-1/6 AND A.4.4-1/57 THEN R ELSE N/A |
| C128 | IF A.4.4-2/2 AND (A.4.1-1/6 OR A.4.1-1/7) THEN R ELSE N/A |
| C129 | IF A.4.4-1/58 THEN R ELSE N/A |

| | |
|------|--|
| C130 | IF A.4.1-1/1 AND A.4.1-1/2 AND A.4.5-1/25 AND A.4.5-1/30 THEN R ELSE N/A |
| C131 | IF A.4.1-1/6 AND (NOT A.4.4-1/59) THEN R ELSE N/A |

Table 4-1b: Number of TC Executions - Notes

| |
|---|
| <p>Note 1: The TC contains multi-RAT branches not all mandatory in the scope of the TC. The E-UTRA/EPC branch will be executed always; the TC will go through any other RAT branches depending on the UE capability. Execution only of the E-UTRA/EPC branch regardless of the UE capabilities can also be imposed by setting the I_XIT px_RATComb_Tested= EUTRA_only. For UEs supporting both UTRA AND GERAN the TC should be executed once only for the E-UTRA/EPC AND UTRA combination by setting the px_RATComb_Tested= EUTRA_UTRA.</p> |
| <p>Note 2: The TC contains multi-RAT branches mandatory in the scope of the TC. The TC shall be executed once per supported by the UE RAT combination i.e. once if the UE supports E-UTRA/EPC AND UTRA, or, once if the UE supports E-UTRA/EPC AND GERAN. For UEs supporting both UTRA AND GERAN the TC should be executed once only for the E-UTRA/EPC AND UTRA combination by setting the px_RATComb_Tested= EUTRA_UTRA.</p> |

Annex A (normative): ICS proforma for E-UTRA/EPC Generation User Equipment

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

A.1 Guidance for completing the ICS proforma

A.1.1 Purposes and structure

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

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

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

A.1.2 Abbreviations and conventions

The ICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7 [25].

Item column

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

Item description column

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

Reference column

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

Release column

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

Mnemonic column

The Mnemonic column contains mnemonic identifiers for each item.

Comments column

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

References to items

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

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.4.1-1: UE Radio Technologies

| Item | UE Radio Technologies | Ref. | Release | Mnemonic | Comments |
|------|-----------------------|-----------------|---------|----------|----------|
| 1 | E-UTRA FDD | 36.101 | Rel-8 | pc_eFDD | |
| 2 | E-UTRA TDD | 36.101 | Rel-8 | pc_eTDD | |
| 3 | HRPD | C.S0024-A | Rel-8 | pc_HRPD | |
| 4 | 1xRTT | C.S0002-A | Rel-8 | pc_1xRTT | |
| 5 | WLAN | IEEE Std 802.11 | | pc_eWLAN | |
| 6 | UTRA | 21.904, 5 | R99 | pc_UTRA | |
| 7 | GERAN | 21.904, 5 | R99 | pc_GERAN | |

A.4.2 UE Service Capabilities

A.4.2.1 3GPP Standardised UE Service Capabilities

A.4.2.1.1 Bearer Services

Table A.4.2.1.1-1: Definition of Bearer Services

| Item | Definition of Bearer Services | Ref. | Release | Mnemonic | Comments |
|------|-----------------------------------|--------|---------|--------------------------|---|
| 1 | Support of CS fallback | 24.301 | Rel-8 | pc_CS_fallback | The UE supports CS fallback for voice calls. If true, pc_CS and at least one of pc_FDD, pc_TDD_HCR, pc_TDD_LCR, pc_TDD_VHCR or pc_UMTS_GSM is also true. If pc_CS_fallback is true, pc_SMS_SGs shall be set to true. |
| 2 | Support of SMS over SGs | 24.301 | Rel-8 | pc_SMS_SGs | The UE supports SMS over SGs and is configured for SMS over SGs. If it is set to true, at least one of pc_SMS_SGs_MT and pc_SMS_SGs_MO is true. |
| 3 | Support of 1xCS fallback | 24.301 | Rel-8 | pc_1xCSfallback | |
| 4 | Support of IMS emergency call | 22.101 | Rel-9 | pc_IMS_emergency_call | For Rel-9 or later releases: mandatory for UEs which supports IMS speech. |
| 5 | Support of eMBMS | 36.331 | Rel-9 | pc_eMBMS | The UE supports eMBMS. |
| 6 | Support of Enhanced 1xCS fallback | 23.272 | Rel-9 | pc_Enhanced_1xCSfallback | |

NOTE : A UE may support one or more of bearer service 1, 2, 3,4 or 5.

A.4.3 Baseline Implementation Capabilities

Table A.4.3-1: Supported protocols

| Item | Supported protocols | Ref. | Release | Mnemonic | Comments |
|------|----------------------------------|-----------|---------|----------|----------|
| 1 | EPS Mobility Management | 24.301, 5 | Rel-8 | | |
| 2 | EPS Session Management | 24.301, 6 | Rel-8 | | |
| 3 | Radio Resource Control | 36.331 | Rel-8 | | |
| 4 | Packet Data Convergence Protocol | 36.323 | Rel-8 | | |
| 5 | Radio Link Control | 36.322 | Rel-8 | | |
| 6 | Medium Access Control | 36.321 | Rel-8 | | |
| 7 | Physical Layer | 36.201 | Rel-8 | | |

Table A.4.3-2: Special Conformance Testing Functions

| Item | Special Conformance Testing Functions | Ref. | Release | Comments |
|------|---|--------|---------|----------|
| 1 | UE test loop | 36.509 | Rel-8 | |
| 2 | Max UE test loop UL RLC SDU size 65535 bits | 36.509 | Rel-8 | |

A.4.3.1 RF Baseline Implementation Capabilities

NOTE: The values indicated in column "Release" in tables A.4.3.1-1 and A.4.3.1-2 below are to be understood as the specifications release version in which a band was introduced and not as a mandate that a UE conforming to particular release shall support a particular band. For further guidance to release independent bands see TS 36.307 [30].

Table A.4.3.1-1: FDD RF Baseline Implementation Capabilities

| Item | FDD (DS) RF Baseline Implementation Capabilities | Ref. | Release | Mnemonic | Comments |
|------|--|-------------|---------|-----------------|----------|
| 1 | Frequency band: 1920-1980, 2110-2170 MHz | 36.101, 5.5 | Rel-8 | pc_eBand1_Supp | Band 1 |
| 2 | Frequency band: 1850-1910, 1930-1990 MHz | 36.101, 5.5 | Rel-8 | pc_eBand2_Supp | Band 2 |
| 3 | Frequency band: 1710-1785, 1805-1880 MHz | 36.101, 5.5 | Rel-8 | pc_eBand3_Supp | Band 3 |
| 4 | Frequency band: 1710-1755, 2110-2155 MHz | 36.101, 5.5 | Rel8 | pc_eBand4_Supp | Band 4 |
| 5 | Frequency band: 824-849, 869-894 MHz | 36.101, 5.5 | Rel-8 | pc_eBand5_Supp | Band 5 |
| 6 | Frequency band: 830-840, 875-885 MHz | 36.101, 5.5 | Rel-8 | pc_eBand6_Supp | Band 6 |
| 7 | Frequency band: 2500-2570, 2620-2690 MHz | 36.101, 5.5 | Rel-8 | pc_eBand7_Supp | Band 7 |
| 8 | Frequency band: 880-915, 925-960 MHz | 36.101, 5.5 | Rel-8 | pc_eBand8_Supp | Band 8 |
| 9 | Frequency band: 1749.9-1784.9, 1844.9-1879.9 MHz | 36.101, 5.5 | Rel-8 | pc_eBand9_Supp | Band 9 |
| 10 | Frequency band: 1710-1770, 2110-2170 MHz | 36.101, 5.5 | Rel-8 | pc_eBand10_Supp | Band 10 |
| 11 | Frequency band: 1427.9-1452.9, 1475.9-1500.9 MHz | 36.101, 5.5 | Rel-8 | pc_eBand11_Supp | Band 11 |
| 12 | Frequency band: 699-716, 729-746 MHz | 36.101, 5.5 | Rel-8 | pc_eBand12_Supp | Band 12 |
| 13 | Frequency band: 777-787, 746-756 MHz | 36.101, 5.5 | Rel-8 | pc_eBand13_Supp | Band 13 |
| 14 | Frequency band: 788-798, 758-768 MHz | 36.101, 5.5 | Rel-8 | pc_eBand14_Supp | Band 14 |
| 15 | Reserved | | | | |
| 16 | Reserved | | | | |
| 17 | Frequency band: 704-716, 734-746 MHz | 36.101, 5.5 | Rel-8 | pc_eBand17_Supp | Band 17 |
| 18 | Frequency band: 815-830, 860-875 MHz | 36.101, 5.5 | Rel-9 | pc_eBand18_Supp | Band 18 |
| 19 | Frequency band: 830-845, 875-890 MHz | 36.101, 5.5 | Rel-9 | pc_eBand19_Supp | Band 19 |
| 20 | Frequency band: 832-862, 791-821 MHz | 36.101, 5.5 | Rel-9 | pc_eBand20_Supp | Band 20 |
| 21 | Frequency band: 1447.9-1462.9, 1495.9-1510.9 MHz | 36.101, 5.5 | Rel-9 | pc_eBand21_Supp | Band 21 |
| 22 | Frequency band: 3410-3490, 3510-3590 MHz | 36.101, 5.5 | Rel-10 | pc_eBand22_Supp | Band 22 |
| 23 | Frequency band: 2000-2020, 2180-2200 MHz | 36.101, 5.5 | Rel-10 | pc_eBand23_Supp | Band 23 |
| 24 | Frequency band: 1626.5-1660.5, 1525-1559 MHz | 36.101, 5.5 | Rel-10 | pc_eBand24_Supp | Band 24 |
| 25 | Frequency band: 1850-1915, 1930-1995 MHz | 36.101, 5.5 | Rel-10 | pc_eBand25_Supp | Band 25 |

Table A.4.3.1-2: TDD RF Baseline Implementation Capabilities

| Item | TDD RF Baseline Implementation Capabilities | Ref. | Release | Mnemonic | Comments |
|------|---|-------------|---------|-----------------|----------|
| 1 | Frequency band: 1900-1920 MHz | 36.101, 5.5 | Rel-8 | pc_eBand33_Supp | Band 33 |
| 2 | Frequency band: 2010- 2025 MHz | 36.101, 5.5 | Rel-8 | pc_eBand34_Supp | Band 34 |
| 3 | Frequency band: 1850-1910 MHz | 36.101, 5.5 | Rel-8 | pc_eBand35_Supp | Band 35 |
| 4 | Frequency band: 1930-1990 MHz | 36.101, 5.5 | Rel-8 | pc_eBand36_Supp | Band 36 |
| 5 | Frequency band: 1910-1930 MHz | 36.101, 5.5 | Rel-8 | pc_eBand37_Supp | Band 37 |
| 6 | Frequency band: 2570-2620 MHz | 36.101, 5.5 | Rel-8 | pc_eBand38_Supp | Band 38 |
| 7 | Frequency band: 1880-1920 MHz | 36.101, 5.5 | Rel-8 | pc_eBand39_Supp | Band 39 |
| 8 | Frequency band: 2300-2400 MHz | 36.101, 5.5 | Rel-8 | pc_eBand40_Supp | Band 40 |
| 9 | Frequency band: 2496-2690 MHz | 36.101, 5.5 | Rel-10 | pc_eBand41_Supp | Band 41 |
| 10 | Frequency band: 3400-3600 MHz | 36.101, 5.5 | Rel-10 | pc_eBand42_Supp | Band 42 |
| 11 | Frequency band: 3600-3800 MHz | 36.101, 5.5 | Rel-10 | pc_eBand43_Supp | Band 43 |

A.4.3.2 Physical Layer Baseline Implementation Capabilities

Table A.4.3.2-1: UE Category

| Item | UE Category | Ref. | Release | Mnemonic | Comments |
|------|-------------|-------------|---------|------------------|----------|
| 1 | Category 1 | 36.306, 4.1 | Rel-8 | pc_ue_Category_1 | |
| 2 | Category 2 | 36.306, 4.1 | Rel-8 | pc_ue_Category_2 | |
| 3 | Category 3 | 36.306, 4.1 | Rel-8 | pc_ue_Category_3 | |
| 4 | Category 4 | 36.306, 4.1 | Rel-8 | pc_ue_Category_4 | |
| 5 | Category 5 | 36.306, 4.1 | Rel-8 | pc_ue_Category_5 | |

A.4.4 Additional information

Table A.4.4-1: Additional information

| Item | Additional information | Ref. | Release | Mnemonic | Comments |
|------|---|----------------------|---------|--------------------------------------|--|
| 1 | Support of USIM removal without power down | | Rel-8 | pc_USIM_Removal | |
| 2 | Support of Allowed CSG list | 36.331 Annex B.2 | Rel-8 | pc_Allowed_CSG_List | For Rel-8: CSG autonomous search is optional. For Rel-9 or later releases: CSG autonomous search is mandatory for UEs supporting CSG minimum functionality. |
| 3 | Support of Short Message Service (SMS) MT over SGs | 23.272, 8.2.4, 8.2.5 | Rel-8 | pc_SMS_SGs_MT | |
| 4 | Support of Short Message Service (SMS) MO over SGs | 23.272, 8.2.2, 8.2.3 | Rel-8 | pc_SMS_SGs_MO | |
| 5 | Support of ISR | 23.401, 4.3.5.6 | Rel-8 | pc_ISR | |
| 6 | Support of Mobility management based on Dual-Stack Mobile IPv6 | 24.303 | Rel-8 | pc_DSMIPv6 | |
| 7 | Support for being configured to discover the Home Agent address via DNS | 24.303 | Rel-8 | pc_HAAddress_via_DNS | |
| 8 | Support of inter-RAT PS handover to E-UTRA (FDD) from UTRA | 25.306, 4.7 | Rel-8 | pc_HO_from_UTRA_to_eFDD | |
| 9 | Support of EMM information message | 24.301, 5.4.5.3 | Rel-8 | pc_EMM_Information | |
| 10 | Support for being configured to discover the Home Agent address via DHCPv6 | 24.303 | Rel-8 | pc_HAAddress_via_DHCPv6 | |
| 11 | Void | | | | |
| 12 | Upon reception of "Full name for network" information the UE stores/updates the network full name | 24.301, 8.2.13 | Rel-8 | pc_FullNameNetwork | |
| 13 | Upon reception of "Short name for network" information the UE stores/updates the network short name | 24.301, 8.2.13 | Rel-8 | pc_ShortNameNetwork | |
| 14 | Upon reception of "Local time zone" information the UE stores/updates the local time zone | 24.301, 8.2.13 | Rel-8 | pc_LocalTimeZone | |
| 15 | Upon reception of "Universal time and local time zone" information the UE stores/updates the universal time and local time zone | 24.301, 8.2.13 | Rel-8 | pc_UniversalAndLocalTimeZone | |
| 16 | Support of SRVCC from E-UTRA to 1xRTT (CS) | 23.216, 6.1.3 | Rel-8 | pc_SRVCC_1xRTT_CS | |
| 17 | Support of switch on/off | | Rel-8 | pc_SwitchOnOff | |
| 18 | Support of ESM UE requested bearer resource allocation procedure | 24.301, 6.5.3 | Rel-8 | pc_ESM_MO_Bearer_Allocation | |
| 19 | Support of ESM UE requested bearer resource modification procedure | 24.301, 6.5.4 | Rel-8 | pc_ESM_MO_Bearer_Modification | |
| 20 | Support of ETWS message | 23.401, 5.12.2 | Rel-8 | pc_ETWS_message | |
| 21 | Supports E-UTRAN Neighbour Cell measurements and MS autonomous cell reselection to E-UTRAN | 24.008, 10.5.5.12a | Rel-8 | pc_GERAN_2_E_UTRAN_meas | |
| 22 | Support for being configured to request the IPv6 address of the Home Agent during Attach procedure | 24.303 | Rel-8 | pc_RequestIPv6HAAddress_DuringAttach | |

| | | | | | |
|----|--|--|-------|--------------------------------------|--|
| 23 | Support for being configured to request the IPv4 address of the Home Agent during Attach procedure | 24.303 | Rel-8 | pc_RequestIPv4HAddress_DuringAttach | |
| 24 | Support of ETWS message with security | 23.401, 5.12.2 | Rel-8 | pc_ETWS_message_security | |
| 25 | Support of IMS | 24.229 | Rel-8 | pc_IMS | |
| 26 | Supports of EPS capability disabled | | Rel-8 | pc_EPS_Disable | |
| 27 | Support of automatic re-activation of the EPS bearer(s) during Network Initiated Detach with detach type set to 're-attach required' | 24.301, 5.5.2.3.2 | Rel-8 | pc_Automatic_Re_Attach | |
| 28 | Support of Compressed mode | 25.306 | Rel-8 | pc_UTRA_CompressedModeRequired | |
| 29 | Support of GERAN to E-UTRAN PS Handover | 24.008, 10.5.5.12a | Rel-8 | pc_GERAN_2_E_UTRAN_PSHO | |
| 30 | Support for multiple PDN connections | 23.401, 5.10 | Rel-8 | pc_Multiple_PDN | |
| 31 | Support of use of the UTRA system information provided by <i>RRCConnectionRelease</i> upon redirection | 36.306 | Rel-9 | pc_eRedirectionUTRA | |
| 32 | Support for SRVCC from E-UTRAN to GERAN/UTRAN | 24.301, 8.2.4 | Rel-8 | pc_SRVCC_GERAN_UTRAN | |
| 33 | Support for VoLTE in GSMA PRD IR.92: 'IMS Profile for Voice and SMS' | 24.173 24.229, 26.114, 5.2.1, GSMA PRD IR.92 | Rel-8 | pc_VoLTE | Multimedia telephony service participant initiating a session Speech UE suppresses RTCP during the active two-way voice sessions UE supports sending DTMF events over RTP |
| 34 | Support of detach for non-EPS services | 24.301, 5.5.2.1 | Rel-8 | pc_IMSI_Detach | |
| 35 | Support for establishing the emergency call using the CS domain in UTRA | 24.301, 5.5.1.2.5A | Rel-9 | pc_CS_Em_Call_in_UTRA | |
| 36 | Support for establishing the emergency call using the CS domain in GERAN | 24.301, 5.5.1.2.5A | Rel-9 | pc_CS_Em_Call_in_GERAN | |
| 37 | Support for establishing the emergency call using the CS domain in 1xRTT | 24.301, 5.5.1.2.5A | Rel-9 | pc_CS_Em_Call_in_1xRTT | |
| 38 | Support for EDTM | 44.060 8.9.1.2 | Rel-8 | pc_EDTM | |
| 39 | Supports CCN towards E-UTRAN, E-UTRAN Neighbour Cell measurement reporting and Network controlled cell reselection to E-UTRAN | 24.008, 10.5.5.12a | Rel-8 | pc_GERAN_2_E_UTRAN_measreporting_CCN | |
| 40 | Support for ROHC profile0x0001 | 36.306, 4.3.1.1 | Rel-8 | pc_ROHC_profile0x0001 | |
| 41 | Support for ROHC profile0x0002 | 36.306, 4.3.1.1 | Rel-8 | pc_ROHC_profile0x0002 | |
| 42 | Support for ROHC profile0x0003 | 36.306, 4.3.1.1 | Rel-8 | pc_ROHC_profile0x0003 | |
| 43 | Support for ROHC profile0x0004 | 36.306, 4.3.1.1 | Rel-8 | pc_ROHC_profile0x0004 | |
| 44 | Support for ROHC profile0x0006 | 36.306, 4.3.1.1 | Rel-8 | pc_ROHC_profile0x0006 | |
| 45 | Support for ROHC profile0x0101 | 36.306, 4.3.1.1 | Rel-8 | pc_ROHC_profile0x0101 | |
| 46 | Support for ROHC profile0x0102 | 36.306, 4.3.1.1 | Rel-8 | pc_ROHC_profile0x0102 | |
| 47 | Support for ROHC profile0x0103 | 36.306, 4.3.1.1 | Rel-8 | pc_ROHC_profile0x0103 | |
| 48 | Support for ROHC profile0x0104 | 36.306, 4.3.1.1 | Rel-8 | pc_ROHC_profile0x0104 | |

| | | | | | |
|----|--|--------------------|-------|--|---|
| 49 | Support of manual CSG selection | 36.331, Annex B2 | Rel-8 | pc_manual_CSG_selection | For Rel-8: manual CSG selection is optional. For Rel-9 or later releases: manual CSG selection is mandatory for UEs supporting CSG minimum functionality. |
| 50 | Support of semi-persistence scheduling | 36.331, Annex B1 | Rel-8 | pc_semi_persistence_scheduling | For Rel-8: semi-persistence scheduling is mandatory if pc_FeatGrp_3 is set to true. For Rel-9 or later releases: semi-persistence scheduling is mandatory if pc_FeatGrp_29 is set to true. |
| 51 | Support of TTI bundling | 36.331, Annex B1 | Rel-8 | pc_TTI_bundling | For Rel-8: TTI bundling is mandatory if pc_FeatGrp_3 is set to true. For Rel-9 or later releases: TTI bundling is mandatory if pc_FeatGrp_28 is set to true. |
| 52 | Support for inter-RAT PS handover from E-UTRAN to GERAN. | 36.306, 4.3.7.11 | Rel-8 | pc_E_UTRAN_2_GERAN_PSHO | |
| 53 | Support of inter-RAT PS handover to E-UTRA (TDD) from UTRA | 25.306, 4.7 | Rel-8 | pc_HO_from_UTRA_to_eTDD | |
| 54 | Support for UE requested modification of network allocated TFTs | 24.301, 6.5.4 | Rel-8 | pc_ESM_UE_Modification_NW_TFT | |
| 55 | Support of automatic re-activation of the EPS bearer(s) during Network Initiated Detach even though UE has initiated a detach procedure with detach type set to 'EPS detach' or 'combined EPS/IMSI detach' | 24.301, 5.5.2.2.4 | Rel-8 | pc_EPC_AutomaticAttachSwitchOn | |
| 56 | Support of Squal based cell reselection to UTRAN from E-UTRAN | 25.304, 5.2.6.1.4a | Rel-9 | pc_Squal_based_CellReselection_to_UTRAN_from_E_UTRAN | |
| 57 | Support of Squal based cell reselection to E-UTRAN from UTRAN | 36.304, 5.2.4.5 | Rel-9 | pc_Squal_based_CellReselection_to_E_UTRAN_from_UTRAN | |
| 58 | Support of CMAS message | 36.331, 5.2.1.5 | Rel-9 | pc_CMAS_message | |
| 59 | Support of Squal based cell reselection to E-UTRAN from UTRAN | 36.304, 5.2.4.5 | Rel-9 | pc_Squal_based_CellReselection_to_E_UTRAN_from_UTRAN | |
| 60 | Support of automatic re-activation of the EPS bearer(s) after the TAU reject | 24.301, 5.5.3.3.5 | Rel-8 | pc_Auto_Attach_after_TAU_Reject | |

Table A.4.4-2: Definition of UE implementation capabilities

| Item | Definition of UE implementation capabilities | Ref. | Release | Mnemonic | Comments |
|-------|---|-------------------------|---------|------------------------------|--|
| 1 | Support EPS attach (with or without pre-configuration) | 24.301 (see note below) | Rel-8 | pc_attach | UE supports to be configured to initiate EPS attach or will always initiate EPS attach. |
| 2 | Support combined EPS/IMSI attach (with or without pre-configuration) | 24.301 | Rel-8 | pc_combined_attach | UE supports to be configured to initiate combined EPS/IMSI attach or will always initiate combined EPS/IMSI attach. Implication: ((pc_UTRA OR pc_GERAN) AND pc_CS) OR pc_CS_SMS_only OR pc_CS_fallback; A UE supporting UTRA CS service, GSM, SMS over SGs or CSFB shall set this PICS to true. |
| 3 | Void | | | | |
| 4 | Support of CS/PS mode 1 | 24.301 | Rel-8 | pc_CS_PS_voice_centric | UE supports to be configured to consistently behave as a CS/PS Voice centric UE |
| 5 | Support of CS/PS mode 2 | 24.301 | Rel-8 | pc_CS_PS_data_centric | UE supports to be configured to consistently behave as a CS/PS Data centric UE. |
| 6 | Requiring UMI proceeding to paging response | 23.272 | Rel-8 | pc_UMI_ProcNeeded_DuringCSFB | UE requires UMI prior to paging response while CSFB to UTRA |
| Note: | A UE supporting UTRAN and/or GERAN which is configured to initiate EPS attach considers UTRAN and GERAN cell as candidates for cell selection and cell reselection according to TS 36.304. A UE configured to initiate EPS attach which has selected a UTRAN or GERAN cell may perform registration procedures to the PS and CS domains, or to the PS domain only or to the CS domain only. | | | | |

A.4.5 Feature group indicators

In Table A.4.5-1, a 'VoLTE capable UE' corresponds to a UE that is capable of the "Voice domain preference for E-UTRAN" defined in TS 24.301 [35] being set to "IMS PS voice only", "IMS PS voice preferred, CS voice as secondary" or "CS voice preferred, IMS PS voice as secondary" (Ref TS 25.331, clause B.1).

Table A.4.5-1: Feature group indicators

| Item | Additional information | Notes | If indicated "Yes" the feature shall be implemented and successfully tested for the corresponding release | Release | Ref. | Mnemonic | Comments |
|------|---|-------|---|---------|-------------------|---------------|--|
| | Support of - Intra-subframe frequency hopping for PUSCH scheduled by UL grant - DCI format 3a (TPC commands for PUCCH and PUSCH with single bit power adjustments) - Multi-user MIMO for PDSCH - Aperiodic CQI/PMI/RI reporting on PUSCH: Mode 2-0 – UE selected subband CQI without PMI - Aperiodic CQI/PMI/RI reporting on PUSCH: Mode 2-2 – UE selected subband CQI with multiple PMI | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_1 | Corresponding to the Index of Indicator, the leftmost binary bit 1 Set to true if supporting all functionalities in the feature group |
| | Support of - Simultaneous CQI and ACK/NACK on PUCCH, i.e. PUCCH format 2a and 2b - Absolute TPC command for PUSCH - Resource allocation type 1 for PDSCH - Periodic CQI/PMI/RI reporting on PUCCH: Mode 2-0 – UE selected subband CQI without PMI - Periodic CQI/PMI/RI reporting on PUCCH: Mode 2-1 – UE selected subband CQI with single PMI | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_2 | Corresponding to the Index of Indicator, the leftmost binary bit 2 Set to true if supporting all functionalities in the feature group |

| | | | | | | |
|--|--|---------------------------|-------|-------------------|---------------|--|
| Support of - Semi-persistent scheduling - TTI bundling - 5bit RLC UM SN - 7bit PDCP SN | - can only be set to 1 if the UE has set bit number 7 to 1. | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_3 | Corresponding to the Index of Indicator, the leftmost binary bit 3 Set to true if supporting all functionalities in the feature group |
| | | Yes, if UE supports VoLTE | Rel-9 | | | |
| Support of - 5bit RLC UM SN - 7bit PDCP SN | - can only be set to 1 if the UE has set bit number 7 to 1. | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_4 | Corresponding to the Index of Indicator, the leftmost binary bit 4 Set to true if supporting all functionalities in the feature group |
| Support of - Short DRX cycle | - can only be set to 1 if the UE has set bit number 5 to 1. | | Rel-8 | | | |
| Support of - Long DRX cycle - DRX command MAC control element | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_5 | Corresponding to the Index of Indicator, the leftmost binary bit 5 Set to true if supporting all functionalities in the feature group |
| | | Yes | Rel-9 | | | |
| Support of - Prioritized bit rate | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_6 | Corresponding to the Index of Indicator, the leftmost binary bit 6 Set to true if supporting all functionalities in the feature group |
| | | Yes | Rel-9 | | | |
| Support of - RLC UM | - can only be set to 0 if the UE does not support voice | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_7 | Corresponding to the Index of Indicator, the leftmost binary bit 7 Set to true if supporting all functionalities in the feature group |
| | | Yes, if UE supports VoLTE | Rel-9 | | | |
| Support of - EUTRA RRC_CONNECTED to UTRA CELL_DCH PS handover | - can only be set to 1 if the UE has set bit number 22 to 1 | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_8 | Corresponding to the Index of Indicator, the leftmost binary bit 8 Set to true if supporting all functionalities in the feature group |
| | | Yes, if UE supports VoLTE | Rel-9 | | | |
| Support of - EUTRA RRC_CONNECTED to GERAN GSM_Dedicated handover | - related to SR-VCC - can only be set to 1 if the UE has set bit number 23 to 1 | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_9 | Corresponding to the Index of Indicator, the leftmost binary bit 9 Set to true if supporting all functionalities in the feature group |

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|---|---|--|--------------------------------------|-------|-------------------|----------------|---|
| 0 | Support of - EUTRA RRC_CONNECTED to GERAN (Packet_)Idle by Cell Change Order - EUTRA RRC_CONNECTED to GERAN (Packet_)Idle by Cell Change Order with NACC (Network Assisted Cell Change) | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_10 | Corresponding to the Index of Indicator, the leftmost binary bit 10 Set to true if supporting all functionalities in the feature group |
| 1 | Support of - EUTRA RRC_CONNECTED to CDMA2000 1xRTT CS Active handover | - can only be set to 1 if the UE has sets bit number 24 to 1 | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_11 | Corresponding to the Index of Indicator, the leftmost binary bit 11 Set to true if supporting all functionalities in the feature group |
| 2 | Support of - EUTRA RRC_CONNECTED to CDMA2000 HRPD Active handover | - can only be set to 1 if the UE has set bit number 26 to 1 | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_12 | Corresponding to the Index of Indicator, the leftmost binary bit 12 Set to true if supporting all functionalities in the feature group |
| 3 | Support of - Inter-frequency handover (within FDD or TDD) | - can only be set to 1 if the UE has set bit number 25 to 1 | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_13 | Corresponding to the Index of Indicator, the leftmost binary bit 13 Set to true if supporting all functionalities in the feature group |
| | | | Yes, unless UE only supports band 13 | Rel-9 | | | |
| 4 | Support of - Measurement reporting event: Event A4 – Neighbour > threshold - Measurement reporting event: Event A5 – Serving < threshold1 & Neighbour > threshold2 | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_14 | Corresponding to the Index of Indicator, the leftmost binary bit 14 Set to true if supporting all functionalities in the feature group |
| 5 | Support of - Measurement reporting event: Event B1 – Neighbour > threshold for UTRAN, GERAN, 1xRTT or HRPD, if the UE has set bit number 22, 23, 24 or 26 to 1, respectively | - can only be set to 1 if the UE has set at least one of the bit number 22, 23, 24 or 26 to 1. | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_15 | Corresponding to the Index of Indicator, the leftmost binary bit 15 Set to true if supporting all functionalities in the feature group |

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|---|---|---|--------------------------------------|-------|-------------------|----------------|---|
| 6 | <p>Support of</p> <ul style="list-style-type: none"> - non-ANR related intra-frequency periodical measurement reporting; - non-ANR related inter-frequency periodical measurement reporting, if the UE has set bit number 25 to 1; and - non-ANR related inter-RAT periodical measurement reporting for UTRAN, GERAN, 1xRTT or HRPD, if the UE has set bit number 22, 23, 24 or 26 to 1, respectively. <p>NOTE: 'non-ANR related periodical measurement reporting' corresponds only to periodical trigger type with purpose set to <i>reportStrongestCells</i>. Event triggered periodical reporting (i.e., event trigger type with <i>reportAmount</i> > 1) is a mandatory functionality of event triggered reporting and therefore not the subject of this bit.</p> | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_16 | Corresponding to the Index of Indicator, the leftmost binary bit 16 Set to true if supporting all functionalities in the feature group |
| | | | Yes | Rel-9 | | | |
| 7 | <p>Support of</p> <p>Intra-frequency ANR features including:</p> <ul style="list-style-type: none"> - Intra-frequency periodical measurement reporting where <i>triggerType</i> is set to <i>periodical</i> and <i>purpose</i> is set to <i>reportStrongestCells</i> - Intra-frequency periodical measurement reporting where <i>triggerType</i> is set to <i>periodical</i> and <i>purpose</i> is set to <i>reportCGI</i> | - can only be set to 1 if the UE has set bit number 5 to 1. | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_17 | Corresponding to the Index of Indicator, the leftmost binary bit 17 Set to true if supporting all functionalities in the feature group |
| | | | Yes | Rel-9 | | | |
| 8 | <p>Support of</p> <p>Inter-frequency ANR features including:</p> <ul style="list-style-type: none"> - Inter-frequency periodical measurement reporting where <i>triggerType</i> is set to <i>periodical</i> and <i>purpose</i> is set to <i>reportStrongestCells</i> - Inter-frequency periodical measurement reporting where <i>triggerType</i> is set to <i>periodical</i> and <i>purpose</i> is set to <i>reportCGI</i> | - can only be set to 1 if the UE has set bit number 5 to 1. | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_18 | Corresponding to the Index of Indicator, the leftmost binary bit 18 Set to true if supporting all functionalities in the feature group |
| | | | Yes, unless UE only supports band 13 | Rel-9 | | | |
| 9 | <p>Support of</p> <p>Inter-RAT ANR features including:</p> <ul style="list-style-type: none"> - Inter-RAT periodical measurement reporting where <i>triggerType</i> is set to <i>periodical</i> and <i>purpose</i> is set to <i>reportStrongestCells</i> for GERAN, if the UE has set bit number 23 to 1 - Inter-RAT periodical measurement reporting where <i>triggerType</i> is set to <i>periodical</i> and <i>purpose</i> is set to <i>reportStrongestCellsForSON</i> for UTRAN, 1xRTT or HRPD, if the UE has set bit number 22, 24 or 26 to 1, respectively - Inter-RAT periodical measurement reporting where <i>triggerType</i> is set to <i>periodical</i> and <i>purpose</i> is set to <i>reportCGI</i> for UTRAN, GERAN, 1xRTT or HRPD, if the UE has set bit number 22, 23, 24 or 26 to 1, respectively | - can only be set to 1 if the UE has set bit number 5 to 1 and the UE has set at least one of the bit number 22, 23, 24 or 26 to 1. | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_19 | Corresponding to the Index of Indicator, the leftmost binary bit 19 Set to true if supporting all functionalities in the feature group |

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|---|--|---|---|-------|-------------------|----------------|---|
| 0 | <p>If bit number 7 is set to "0": - SRB1 and SRB2 for DCCH + 8x AM DRB</p> <p>If bit number 7 is set to "1": - SRB1 and SRB2 for DCCH + 8x AM DRB - SRB1 and SRB2 for DCCH + 5x AM DRB + 3x UM DRB</p> <p>NOTE: UE which indicate support for a DRB combination also support all subsets of the DRB combination. Therefore, release of DRB(s) never results in an unsupported DRB combination.</p> | <p>- Regardless of what bit number 7 and bit number 20 is set to, UE shall support at least SRB1 and SRB2 for DCCH + 4x AM DRB</p> <p>- Regardless of what bit number 20 is set to, if bit number 7 is set to "1", UE shall support at least SRB1 and SRB2 for DCCH + 4x AM DRB + 1x UM DRB</p> | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_20 | Corresponding to the Index of Indicator, the leftmost binary bit 20 Set to true if supporting all functionalities in the feature group |
| | | | Yes | Rel-9 | | | |
| 1 | <p>Support of - Predefined intra- and inter-subframe frequency hopping for PUSCH with $N_{sb} > 1$</p> <p>- Predefined inter-subframe frequency hopping for PUSCH with $N_{sb} > 1$</p> | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_21 | Corresponding to the Index of Indicator, the leftmost binary bit 21 Set to true if supporting all functionalities in the feature group |
| 2 | <p>Support of - UTRAN measurements, reporting and measurement reporting event B2 in E-UTRA connected mode</p> | | Yes, if UE supports UTRA | Rel-9 | 36.331, Annex B.1 | pc_FeatrGrp_22 | Corresponding to the Index of Indicator, the leftmost binary bit 22 Set to true if supporting all functionalities in the feature group |
| 3 | <p>Support of - GERAN measurements, reporting and measurement reporting event B2 in E-UTRA connected mode</p> | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_23 | Corresponding to the Index of Indicator, the leftmost binary bit 23 Set to true if supporting all functionalities in the feature group |
| 4 | <p>Support of - 1xRTT measurements, reporting and measurement reporting event B2 in E-UTRA connected mode</p> | | Yes, if UE supports enhanced 1xRTT CSFB | Rel-9 | 36.331, Annex B.1 | pc_FeatrGrp_24 | Corresponding to the Index of Indicator, the leftmost binary bit 24 Set to true if supporting all functionalities in the feature group |

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|---|---|---|--|--------------------------------------|-------------------|----------------|---|
| 5 | Support of - Inter-frequency measurements and reporting in E-UTRA connected mode NOTE: The UE setting this bit to 1 and indicating support for FDD and TDD frequency bands in the UE capability signalling implements and is tested for FDD measurements while the UE is in TDD, and for TDD measurements while the UE is in FDD. | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_25 | Corresponding to the Index of Indicator, the leftmost binary bit 25 Set to true if supporting all functionalities in the feature group |
| | | | | Yes, unless UE only supports band 13 | | | |
| 6 | Support of - HRPD measurements, reporting and measurement reporting event B2 in E-UTRA connected mode | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_26 | Corresponding to the Index of Indicator, the leftmost binary bit 26 Set to true if supporting all functionalities in the feature group |
| | | | | Yes, if UE supports HRPD | | | |
| 7 | Support of - EUTRA RRC_CONNECTED to UTRA CELL_DCH CS handover | - related to SR-VCC - can only be set to 1 if the UE has set bit number 8 to 1 | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_27 | Corresponding to the Index of Indicator, the leftmost binary bit 27 Set to true if supporting all functionalities in the feature group |
| 8 | Support of - TTI bundling | | | Rel-9 | 36.331, Annex B.1 | pc_FeatrGrp_28 | Corresponding to the Index of Indicator, the leftmost binary bit 28 Set to true if supporting all functionalities in the feature group |
| 9 | Support of - Semi-Persistent Scheduling | | | Rel-9 | 36.331, Annex B.1 | pc_FeatrGrp_29 | Corresponding to the Index of Indicator, the leftmost binary bit 29 Set to true if supporting all functionalities in the feature group |
| 0 | Support of - Handover between FDD and TDD | - can only be set to 1 if the UE has set bit number 13 to 1 | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_30 | Corresponding to the Index of Indicator, the leftmost binary bit 30 Set to true if supporting all functionalities in the feature group |
| 1 | Undefined | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_31 | Corresponding to the Index of Indicator, the leftmost binary bit 31 Set to true if supporting all functionalities in the feature group |

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|---|-----------|--|--|-------|-------------------|----------------|---|
| 2 | Undefined | | | Rel-8 | 36.331, Annex B.1 | pc_FeatrGrp_32 | Corresponding to the Index of Indicator, the leftmost binary bit 32 Set to true if supporting all functionalities in the feature group |
|---|-----------|--|--|-------|-------------------|----------------|---|

Table A.4.5-2: UTRA Feature group indicators

| Item | Additional information | Notes | Ref. | Release | Mnemonic | Comments |
|------|---|-------|-----------------|---------|--------------------|--|
| 1 | Support of - UTRA CELL_PCH to EUTRA RRC_IDLE cell reselection - UTRA URA_PCH to EUTRA RRC_IDLE cell reselection | | 25.331, Annex E | Rel-8 | pc_UTRA_FeatrGrp_1 | Corresponding to the Index of Indicator, the leftmost binary bit 1 For Rel-8: Set to true if supporting all functionalities in the feature group For Rel-9 or later releases: this FGI bit is set to TRUE s |
| 2 | Support of - EUTRAN measurements and reporting in connected mode | | 25.331, Annex E | Rel-8 | pc_UTRA_FeatrGrp_2 | Corresponding to the Index of Indicator, the leftmost binary bit 2 Set to true if supporting all functionalities in the feature group |

Annex B (informative): Change history

| Date | TSG # | TSG Doc. | CR | Rev | Subject/Comment | Old | New |
|---------|------------------|-----------|------|-----|--|-------|-------|
| 2007-11 | - | - | - | - | Initial version | | 0.0.1 |
| 2008-02 | - | - | - | - | Addition applicability 6 new LTE RRC test cases. | 0.0.1 | 0.1.0 |
| 2008-04 | - | - | - | - | Editorial corrections | 0.1.0 | 0.1.1 |
| 2008-05 | - | - | - | - | Extend the Applicability table scope with additional information for testing which may include: - relevant per TC Specific PICS statements - relevant per TC Specific PIXIT statements Updated TC applicability with contributions to RAN5#39 | 0.1.1 | 0.2.0 |
| 2008-06 | - | - | - | - | - Added TCs agreed at RAN5#39bis - Updating TCs names, numbers, removed TCs deleted from the TC list - Editorial update | 0.2.0 | 0.3.0 |
| 2008-09 | RP-41 | RP-080595 | - | - | Submitted for information. Update in accordance with RAN5#40 (Editorial update and input from R5-083453, R5-083517, R5-083654) | 0.3.0 | 1.0.0 |
| 2008-09 | post RAN5#40 | - | - | - | Update to reflect the agreed during the RAN5#40 extended e-mail agreement input: - All agreed new TCs added - One modified TCs title reflected | 1.0.0 | 1.0.1 |
| 2008-10 | post RAN5#40 bis | - | - | - | - Added new agreed at RAN5#40bis TCs - Removed TCs that are removed from the LTE/SAE WP (R5-084008) - Added TCs that exist as 80% completed in the LTE/SAE WP (R5-084008) but do not exist in 36.523-2 - Modified agreed RAN5#40bis new TC numbers - Updated TCs titles to match those in the LTE/SAE WP (R5-084008) | 1.0.1 | 1.1.0 |
| 2008-11 | Post RAN5#41 | - | - | - | R5-085361: - New TCs added to applicability table - TCs titles updated - TC 9.2.2.1.2 removed from applicability table - Table for provision of test loops added - Editorial changes | 1.1.0 | 2.0.0 |
| 2008-12 | RAN#42 | RP-080860 | | | Approval of version 2.0.0 at RAN#42, then put to version 8.0.0. | 2.0.0 | 8.0.0 |
| 2008-01 | | | | | Editorial corrections. | 8.0.0 | 8.0.1 |
| 2009-03 | RAN#43 | R5-090101 | 0001 | - | Removal of reference to 11-bit Length Indicator in E-UTRA RLC test cases | 8.0.1 | 8.1.0 |
| 2009-03 | RAN#43 | R5-090292 | 0002 | 1 | Applicability of new E-UTRA PDCP test case - 7.3.5.4 | 8.0.1 | 8.1.0 |
| 2009-03 | RAN#43 | R5-090569 | 0003 | - | Updating applicability table with input relevant to agreed at RAN5#41bis 36.523-1 CRs | 8.0.1 | 8.1.0 |
| 2009-03 | RAN#43 | R5-090668 | 0004 | - | Batch 1B - Applicability of new E-UTRA PDCP test cases | 8.0.1 | 8.1.0 |
| 2009-03 | RAN#43 | R5-090737 | 0005 | - | Update of Applicability table for EPS mobility management test cases | 8.0.1 | 8.1.0 |
| 2009-03 | RAN#43 | R5-090738 | 0006 | - | Batch 1: Applicability for new MAC test cases 7.1.3.9 & 7.1.4.12 | 8.0.1 | 8.1.0 |
| 2009-03 | RAN#43 | R5-090751 | 0007 | - | Addition of Applicability new LTE test cases | 8.0.1 | 8.1.0 |
| 2009-05 | RAN#44 | R5-092056 | 0008 | | GCF Priority 2 - Adding TC 9.1.2.5 to applicability | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092091 | 0009 | | GCF Priority 2 - Addition of applicability statement for E-UTRAN test case 6.1.2.7 for Cell reselection: Equivalent PLMN | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092116 | 0010 | | GCF Priority 1 - Applicability of new E-UTRA MAC test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092117 | 0011 | | GCF Priority 1 - Proposal to remove E-UTRA RLC test case 7.2.3.19 (Part 2) | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092207 | 0012 | | GCF Priority 2 - Addition of applicability for new EMM test case | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092215 | 0013 | | GCF Priority 2 - Addition of applicability for new idle mode and RRC test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092254 | 0014 | | Update of Applicability table for agreed EMM test cases in RAN5#42bis | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092255 | 0015 | | GCF Priority 2 - Applicability for new idle mode test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092279 | 0016 | | Addition of Applicability New LTE Test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092404 | 0017 | | GCF priority 2: Applicability statements for the new MAC DRX test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092407 | 0018 | | GCF Priority 2 - Addition of applicability for UM RLC test case 7.2.2.11 | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092415 | 0019 | | GCF Priority 2: Applicability of new EMM test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092416 | 0020 | | GCF Priority 2: Applicability of new Cell Selection test cases | 8.1.0 | 8.2.0 |

| Date | TSG # | TSG Doc. | CR | Rev | Subject/Comment | Old | New |
|---------|-----------|-----------|------|-----|--|-------|-------|
| 2009-05 | RAN#44 | R5-092424 | 0021 | | Addition of LTE Operating Band Capabilities for FDD Mode Test frequencies | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092432 | 0022 | | GCF Priority 2 - Addition of Applicability statement for MAC test case 7.1.4.14 | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092433 | 0023 | | GCF Priority 2: Applicability of new Cell Reselection test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092448 | 0024 | | Update of Applicability for Feature Group Indicators | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092450 | 0025 | | GCF Priority 1 - Update of applicability for RRC part 3 test cases based on Feature Group Indicators | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092508 | 0026 | | Missing applicability of EMM/ESM test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092509 | 0027 | | Applicability of new EMM & ESM test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092586 | 0028 | | GCF Priority 1 - Update of applicability for RLC test cases | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092769 | 0029 | | GCF Priority 2 - Applicability of new RRC test case 8.3.2.6 | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092770 | 0030 | | GCF Priority 2 - Update of applicability for MAC test cases based on Feature Group Indicators | 8.1.0 | 8.2.0 |
| 2009-05 | RAN#44 | R5-092783 | 0031 | | Addition of applicability for new idle mode CSG test cases | 8.1.0 | 8.2.0 |
| 2009-09 | RAN#45 | R5-094183 | 0032 | - | Missing TCs applicability in 36-523-2 | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-094206 | 0033 | - | GCF Priority 3 - Remove RRC test case 8.1.3.3 applicability | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-094302 | 0034 | 1 | Update of Feature Group Indicators | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-094404 | 0035 | - | GCF Priority 2 - Applicability Statement for 8.3.2.1 | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-094535 | 0036 | - | Update of Applicability for PDCP tc based on FGI | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-094683 | 0037 | - | GCF Priority 2 - Update of applicability for RLC test case 7.2.2.11 | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-094722 | 0038 | - | Correction of TC titles on RRC part 2 (8.2 RRC Connection Reconfiguration) | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-094727 | 0039 | 1 | Update of test case applicability for feature group indicators for RRC part 2 (8.2 RRC Connection Reconfiguration) | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-095033 | 0040 | - | GCF Priority 2 - Addition of applicability for new SMS over SGs test cases | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-095224 | 0041 | 1 | GCF Priority 2 - Update of applicability for LTE-C2k interworking test cases | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-095225 | 0042 | 1 | Corrections to PICS for PS and CS registration and applicability of EMM test cases | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-095226 | 0043 | 1 | merge of 36.523-2 EMM CRs from RAN5#44 | 8.2.0 | 8.3.0 |
| 2009-09 | RAN#45 | R5-095229 | 0044 | - | Applicability for Idle Mode test cases | 8.2.0 | 8.3.0 |
| 2009-11 | GERAN #44 | GP-092406 | 0045 | - | Addition of new Test Case 6.2.3.21 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-095479 | 0046 | - | Applicability of new TC 6.2.3.6 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-095480 | 0047 | - | Applicability of new/removed RRC Part 2 test cases | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-095483 | 0048 | - | Applicability of new ESM test cases | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-095526 | 0049 | - | GCF Priority 1 - Update of RLC test case applicability | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-095673 | 0050 | - | Applicability for new IDLE MODE test case 6.1.2.13 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-095797 | 0051 | - | Addition of applicability for new DSMIPv6 test cases | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-095989 | 0052 | - | Wrong reference in TC applicability condition C01 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096064 | 0053 | - | GCF Priority 1 - Corrections to MAC test case applicability | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096119 | 0054 | 2 | Applicability for section 8.4 RRC Inter-RAT test cases NTT DOCOMO | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096134 | 0055 | - | GCF Priority 3 - Correction to E-UTRA DRB test case 12.3 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096136 | 0056 | - | GCF Priority 3 - Applicability of new E-UTRA DRB test case 12.3 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096659 | 0057 | - | GCF Priority 2 - Addition of applicability for new test case 11.1.4 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096702 | 0058 | - | Add applicabilities for test case 8.1.3.7 and 8.5.2.1 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096703 | 0059 | - | GCF Priority 3 - Add applicabilities for new test case 8.3.1.11 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096704 | 0060 | - | Update of Applicability table for Multi-layer Procedure test cases | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096705 | 0062 | - | EMM CRs from RAN5#45 | 8.3.0 | 8.4.0 |
| 2009-12 | RAN#46 | R5-096710 | 0061 | - | GCF Priority 3 - Addition of applicability for new LTE-C2k interworking test cases | 8.3.0 | 8.4.0 |
| 2010-03 | RAN#47 | R5-100080 | 0063 | - | Addition of applicability for new multi-layer test case | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-100179 | 0064 | - | Applicability for new EMM test case 9.2.1.2.14 | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-100286 | 0065 | - | Update of Applicability table of TC 8.4.2.4 | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-100333 | 0066 | - | Addition of TDD RF Baseline Implementation Capabilities | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-100479 | 0067 | - | Addition of applicability for new DSMIPv6 test cases | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-100498 | 0068 | - | GCF priority 3 - Applicability Statements for new PUSCH Hopping test cases | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-100747 | 0069 | - | Adding PICS for UE UTRAN and GERAN types | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-101030 | 0070 | - | GCF Priority 3 - Adding TC 9-1-5-1 EMM Information Procedure applicability | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-101143 | 0071 | - | Addition of applicability for new LTE-C2k interworking test cases | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-101193 | 0072 | - | GCF Priority 3 - Addition of applicability statement for E-UTRAN test case 13.4.1.2 | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-101194 | 0073 | - | Applicability of new RRC part 1 test case | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-101195 | 0074 | - | Correcting applicability and PICS for EMM test cases | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-101196 | 0075 | - | Removal of LTE test cases 9.3.1.2 and 10.5.2 | 8.4.0 | 8.5.0 |

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|---------|----------|-----------|------|-----|--|-------|-------|
| 2010-03 | RAN#47 | R5-101197 | 0076 | - | Corrections to applicability table to align to TS 36.523-1 | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-101198 | 0077 | - | Correction of the Applicability of GCF Priority 2 NAS test case 9.2.2.1.1 | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | R5-101199 | 0078 | - | Update of applicability of ESM test cases | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | RP-100116 | 0079 | - | Test Case titles alignment | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | GP-100099 | 0064 | - | Addition of new Test Case 6.2.3.22 | 8.4.0 | 8.5.0 |
| 2010-03 | RAN#47 | - | - | - | Moved to v9.0.0 with no change | 8.5.0 | 9.0.0 |
| 2010-06 | RAN#48 | GP-100627 | 0080 | - | Addition of new GELTE test cases 6.2.3.28 and 6.2.3.30 | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | GP-100674 | 0081 | - | New test cases for GERAN to LTE added Part 2 | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103122 | 0082 | - | Adding band 20 and 21 to TS36.523-2 | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103146 | 0083 | - | GCF Priority 4 - Addition of applicability statement for E-UTRAN test case 14.1 and 14.2 | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103246 | 0094 | - | Applicability of new TC 13.1.5 Note: This CR is wrongly identified on its cover page and in RP-100510 as CR0802. | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103270 | 0084 | - | Modification of applicability condition for UTRAN in 36.523-2 | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103314 | 0085 | - | GCF Priority 2 - Correction to applicability of test case 7.1.4.3 Note: This CR is wrongly identified on its cover page and in RP-100510 as being to 34.123-2.. | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103369 | 0086 | - | GCF Priority 1: Update of TC titles and formatting in applicability table | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103370 | 0087 | - | GCF Priority 3: New TC 9.3.1.6 applicability | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103621 | 0088 | - | Correction for feature group indicators in Annex A.4.5 | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103874 | 0089 | - | GCF Priority 2: Update of EMM test case applicability using new UE implementation capabilities to control UE attach type | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103878 | 0090 | - | GCF Priority 3: Applicability statements for new P3&P4 TCs | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103879 | 0091 | - | Applicability for GCF Priority test cases 9.2.1.1.4, 9.3.1.18, 13.1.8 | 9.0.0 | 9.1.0 |
| 2010-06 | RAN#48 | R5-103880 | 0092 | - | GCF priority 3 - Adding new 6.2.1 test cases to the applicability table | 9.0.0 | 9.1.0 |
| 2010-06 | - | - | - | - | Adds note to the entry for CR0094 above. | 9.1.0 | 9.1.1 |
| 2010-06 | - | - | - | - | Adds note to the entry for CR0085 above. | 9.1.1 | 9.1.2 |
| 2010-09 | GERAN#47 | GP-101176 | 0095 | - | CR 36.523-2-0095 6.2.3.19 : Redirection to E-UTRA upon the release of the CS connection | 9.1.2 | 9.2.0 |
| 2010-09 | GERAN#47 | GP-101178 | 0096 | - | CR 36.523-2-0096 6.2.3.20: Redirection to E-UTRA upon the release of the CS connection and no suitable cell available | 9.1.2 | 9.2.0 |
| 2010-09 | GERAN#47 | GP-101564 | 0097 | - | CR 36.523-2-0097 Addition of new GELTE test cases- 6.2.3.27 and 6.2.3.29 | 9.1.2 | 9.2.0 |
| 2010-09 | GERAN#47 | GP-101565 | 0098 | - | CR 36.523-2-0098 Adding TC 6.2.3.14 and 6.2.3.15 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104068 | 0099 | - | Correction to test case applicability C41 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104116 | 0100 | - | Addition of applicability for new EMM test case | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104117 | 0101 | - | Update of applicability for EMM test case 9.2.1.1.4 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104290 | 0102 | - | GCF Priority 4 - Addition of applicability statement for E-UTRAN test case 14.3 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104315 | 0103 | - | Add pics for IMS | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104337 | 0104 | - | Applicability of new EMM TCs | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104338 | 0105 | - | Applicability of new IDLE mode TCs | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104339 | 0106 | - | Applicability of new RRC part 1 TCs | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104391 | 0107 | - | Removal of applicability for DSMIPv6 test case 15.3 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104540 | 0108 | - | Clarification of UE behaviour when a UTRAN or GERAN capable UE is configured to initiate EPS attach | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104636 | 0109 | - | Addition of applicability for new multi-layer test case 13.1.2 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104638 | 0110 | - | Applicability for new test case 8.2.4.12 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104641 | 0111 | - | Applicability for new emergency call TC | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104642 | 0112 | - | Add capability for IMS emergency call | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105029 | 0113 | - | Clarification to release column in tables A.4.3.1-1 and A.4.3.1-2 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105036 | 0114 | - | Correction to test case applicability condition C59 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105037 | 0115 | - | Correction to test case applicability condition for test case 9.3.1.16 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105038 | 0116 | - | Correction to test case applicability for test cases 12.3.3 & 12.3.4 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105042 | 0117 | - | Addition of some EMM TCs applicability to 36.523-2 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105043 | 0118 | - | Corrections to applicability conditions C58 and C65 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105044 | 0119 | - | GCF Priority X: Adding applicability of new ESM test case 10.9.1 for UE routing of uplinks packets | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105045 | 0120 | - | Addition of applicability statement of new TC 6.3.3 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105048 | 0121 | - | GCF Priority 2 - Addition of applicability statement for E-UTRAN test case 6.2.3.4 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105049 | 0122 | - | GCF Priority 2 - Correction of applicability statement for E-UTRAN test case 8.1.3.7, 8.4.2.2 & 8.4.2.4 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104766 | 0124 | - | GCF Priority 2 - Correction to EUTRA RRC Test Case 8.3.1.9 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-104775 | 0125 | - | Addition of applicabilities for new test cases | 9.1.2 | 9.2.0 |

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| 2010-09 | RAN#49 | R5-105039 | 0126 | - | GCF Priority 3 - Add Applicability for Multi-layer test case 13.1.4 | 9.1.2 | 9.2.0 |
| 2010-09 | RAN#49 | R5-105040 | 0127 | - | GCF Priority 3 - Add Applicability for EMM test case 9.2.2.1.3 | 9.1.2 | 9.2.0 |
| 2010-12 | RAN#50 | R5-106141 | 0132 | - | Applicability for RRC connection establishment of emergency call / Limited Service | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106142 | 0133 | - | Correct TC number emergency call | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106184 | 0134 | - | GCF Priority 3 - Correction of applicability statement for E-UTRAN test case 6.1.2.13 | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106185 | 0135 | - | Addition of applicability statement for E-UTRAN test case 6.2.3.31 | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106191 | 0136 | - | GCF Priority 1, P3 and P4 : Addition of new PICS to table A.4.4-1 | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106258 | 0137 | - | Applicability of new RRC part 1 TC | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106259 | 0138 | - | Applicability of new Multilayer Procedures TC | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106299 | 0139 | - | Addition of applicability for new idle mode test case on inter-freq cell reselection based on CSG autonomous search | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106359 | 0140 | - | Applicability for New TCs of cell reselection when 1xRTT is higher/lower priority | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106389 | 0141 | - | GCF Priority 4 - Add Applicability for PLMN selection test case 6.1.1.2 | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106467 | 0142 | - | Correction to applicability condition for test case 13.1.5 | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106554 | 0143 | - | CR to 36.523-2: Update Table A.4.3.1-2 for band 41 TDD LTE 2600MHz to RF baseline implementation capabilities. | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106562 | 0144 | - | GCF Priority 2 - Addition of PICS statement related with UTRA compressed mode | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106639 | 0151 | - | GCF Priority 4 - Applicability of Section 6.3 TCs | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106646 | 0145 | - | GCF priority x: Applicability for new test cases 9.2.1.2.1c and 9.2.3.2.1c | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106663 | 0146 | - | Update of Applicability table for EMM test cases | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106664 | 0147 | - | GCF Priority 3 - Correction to applicability condition C48 | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106668 | 0148 | - | GCF Priority 4 - Correction to the applicability for test case 8.1.7.3 | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106677 | 0149 | - | GCF Priority 3 - Add Applicability for EMM test case 9.2.3.2.13 | 9.2.0 | 9.3.0 |
| 2010-12 | RAN#50 | R5-106683 | 0150 | - | GCF Priority 3 - Addition of test case selection expression for test case 9.2.3.3.4 | 9.2.0 | 9.3.0 |
| 2011-03 | GERAN#49 | GP-110022 | 0152 | - | CR 36.523-2-0152 New test cases 6.2.3.17 and 6.2.3.18 added Part 2 | 9.3.0 | 9.4.0 |
| 2011-03 | GERAN#49 | GP-110045 | 0153 | - | CR 36.523-2-0153 Addition of new GELTE test case 6.2.3.29 | 9.3.0 | 9.4.0 |
| 2011-03 | GERAN#49 | GP-110096 | 0155 | - | CR 36.523-2-0155 New test cases 6.2.1.6, 6.2.3.16, 6.2.3.17, 6.2.3.24, 6.2.3.26 added in Part 2 | 9.3.0 | 9.4.0 |
| 2011-03 | GERAN#49 | GP-110431 | 0154 | 1 | CR 36.523-2-0154 Addition of new Test cases 8.4.4.1 and 8.4.4.2 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110188 | 0180 | - | GCF Priority 4 - Addition of test case selection expression for test case 6.1.1.3 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110196 | 0181 | - | GCF Priority 3 - Correction to EMM test case 9.3.1.15 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110213 | 0182 | - | GCF Priority 2 Correction of applicability statement for Non-supported FGI 16 test cases | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110214 | 0183 | - | Addition of applicability statement for E-UTRAN test case 6.2.3.32 for Inter-RAT cell reselection / From E-UTRA RRC_IDLE to UTRA_Idle, Snonintrasearch | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110339 | 0184 | - | Addition of applicability for new idle mode test case on manual CSG ID selection across PLMNs | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110340 | 0185 | - | Addition of applicability for new idle mode test case on inter-freq cell reselection to hybrid cell based on CSG autonomous search | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110236 | 0156 | - | Correction to applicability of tests conditions for RRC part 3 TCs | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110238 | 0157 | - | Correction to applicability of tests conditions for inter-RAT TCs | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110314 | 0158 | - | GCF Priority 4 - Correction to 8.2.4.10 test applicability | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110315 | 0159 | - | GCF Priority 3 - Correction to applicability condition for test case 13.1.4 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110343 | 0160 | - | Addition of applicability for new test case on Service request for mobile originating 1xCS fallback emergency call | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110344 | 0161 | - | Addition of applicability for new test case on emergency call in non-allowed CSG cell | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110409 | 0162 | - | Applicability condition for new test case 11.2.1 for CT1 aspects of emergency calls | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110461 | 0163 | - | Correct condition for emergency | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110474 | 0164 | - | Addition of applicability for new test case 6.3.2 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110476 | 0165 | - | GCF Priority 4: Applicability for New TC 13.1.9 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110480 | 0166 | - | Applicability for New IMS Emergency TCs | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110537 | 0167 | - | Adding new operating bands 42 and 43 (3500MHz) | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110568 | 0168 | - | Corrections of idle mode test case titles in applicability table | 9.3.0 | 9.4.0 |

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| 2011-03 | RAN#51 | R5-110592 | 0169 | - | GCF Priority X: Adding applicability for test case 9.2.1.2.1d Combined attach procedure / Success / EPS and CS Fallback not preferred/data centric UE | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110598 | 0170 | - | GCF Priority 3 - Correction to applicability of EMM test case 9.1.5.1 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110720 | 0171 | - | GCF Priority 1 - Addition of applicability for multiple PDN | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110761 | 0172 | - | GCF Priority 3 - Correction to selection expression for SPS scheduling and TTI bundling test cases | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110762 | 0173 | - | GCF Priority 3 - Addition of applicability statement for new test case 6.2.2.x | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110763 | 0174 | - | GCF Priority 3-add part2 for TC 9.2.3.2.1a | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110780 | 0175 | - | Add Applicability for new Multilayer Procedures test case 13.4.1.3 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110782 | 0176 | - | GCF Priority 4 - Addition of test case selection expression for test case 6.1.2.1 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110799 | 0177 | - | Update of applicability for test case 8.1.2.10 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110800 | 0178 | - | GCF Priority X: Addition of applicability for SIG TC 7.1.8.1: Periodic RI reporting using PUCCH / Category 1 UE / Transmission mode 3/4 | 9.3.0 | 9.4.0 |
| 2011-03 | RAN#51 | R5-110801 | 0179 | - | Clarification to applicability of measurements requirements for Inter-RAT | 9.3.0 | 9.4.0 |
| 2011-06 | RAN#52 | R5-112132 | 0190 | - | Correction to Band 12 frequency range in 36.523-2 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112163 | 0191 | - | Applicability of new Multi-layer Procedure TCs | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112179 | 0192 | - | Add applicability for GCF Priority 3 TC 9.2.3.3.5a | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112272 | 0193 | - | Applicability of new test case 9.2.3.1.22 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112273 | 0194 | - | Add capability for SRVCC | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112277 | 0195 | - | Add GSM PRD IR.92 IMS voice capability | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112292 | 0196 | - | GCF Priority 4 - Correction to applicability of TC 6.3.4 on UTRA FGI bit 1 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112303 | 0197 | - | GCF Priority 3 - Addition of applicability for new test case 13.4.2.4 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112369 | 0198 | - | Addition of applicability statement for new GCF Priority 3 EMM test case 9.2.2.1.4 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112394 | 0199 | - | Addition of applicability for new HeNB test case on intra-frequency SI acquisition | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112489 | 0201 | - | Addition of band 24 in Table A.4.3.1-1 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112512 | 0202 | - | Applicability for new TC for IMS Emergency 11.2.7 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112530 | 0203 | - | GCF Priority 4 -:Applicability for new LTE CSFB TC 13.1.10 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112568 | 0204 | - | GCF Priority 3 - Correction to applicability condition for TC 9.2.3.1.25 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112596 | 0205 | - | Addition of applicability for new test case 6.4.6 and 6.4.7 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112613 | 0206 | - | Add applicability for GCF Priority 2 test case 9.2.3.3.6 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112633 | 0207 | - | GCF Priority 3 - Addition of Applicability for new test case 8.4.3.1 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112635 | 0208 | - | GCF Priority 3 - Update of Applicability table for Multi-layer Procedures Procedure test cases 13.4.2.2 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112637 | 0209 | - | Addition applicability condition for test Case 13.3.2.1 in 36.523-2 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112655 | 0210 | - | Add applicability for test case 11.2.2 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112656 | 0211 | - | Addition of applicability for new test case on Attach for emergency bearer services / Rejected / No suitable cells in tracking area / Emergency call using the CS domain | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112662 | 0212 | - | GCF priority 4 -Addition of applicability for new Multi-layer Procedures test case 13.1.11 and 13.1.12 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112663 | 0213 | - | GCF priority 4 - Addition of applicability for new Multi-layer Procedures test case 13.1.13 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112664 | 0214 | - | Addition of applicability statement for E-UTRAN test case 9.2.3.1.9 for normal tracking area update / Correct handling of CSG list | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112669 | 0215 | - | Add applicability for new test case 13.4.3.1 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112670 | 0216 | - | Correction to the contents of Release information of Tables of A.4.3.1-1, A.4.3.1-2 and A.4.3.2-1 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112681 | 0217 | - | Addition of applicability statement for E-UTRAN test cases 6.4.3, 6.4.4 and 6.4.5 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112684 | 0218 | - | Addition of applicability for new test case on manual CSG ID selection on Hybrid non-member cell. | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112696 | 0219 | - | Addition of applicability for new MBMS test cases 17.1.1, 17.1.2 and 17.1.3 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112704 | 0220 | - | GCF priority 4 - Addition of applicability for new EMM test case 9.2.3.3.3 | 9.4.0 | 9.5.0 |
| 2011-06 | RAN#52 | R5-112758 | 0200 | - | Addition of applicability for new test case 9.2.2.1.10 | 9.4.0 | 9.5.0 |
| 2011-06 | GERAN#50 | GP-110833 | 0222 | - | CR 36.523-2-0222 Addition of new Test cases 8.4.4.2 and 8.4.4.3 | 9.4.0 | 9.5.0 |
| 2011-06 | GERAN#50 | GP-110840 | 0186 | 1 | CR 36.523-2-0186 Applicability correction for Geran to Eutran test cases | 9.4.0 | 9.5.0 |

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|---------|----------|-----------|------|-----|---|-------|-------|
| 2011-06 | GERAN#50 | GP-110841 | 0188 | 1 | CR 36.523-2-0188 Removal of LTE TC 6.2.3.2 applicability due to duplication | 9.4.0 | 9.5.0 |
| 2011-09 | RAN#53 | R5-113088 | 0241 | - | GCF Priority 4 - Update of applicability statement for Rel-8 test cases on handover between FDD and TDD for dual mode UE | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113156 | 0223 | - | Addition of band 25 in Table A.4.3.1-1 | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113159 | 0224 | - | Addition of applicability statement for new Rel-9 test case for e1xCSFB / MT call | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113160 | 0225 | - | Addition of applicability statement for new Rel-9 test case for e1xCSFB / MO call | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113349 | 0226 | - | Applicability of new E-UTRA MAC test case for padding BSR | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113398 | 0227 | - | Add applicability for SRVCC test cases | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113612 | 0228 | - | Update IMS emergency applicability | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113631 | 0229 | - | GCF Priority 2: Correction to condition C97 | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113669 | 0230 | - | Update Table A.4.3.1-2 for Band 23 FDD LTE in 36.523-2 | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113686 | 0231 | - | GCF Priority 2 - Correction to the applicability statement of TC 9.2.3.1.2 | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113724 | 0232 | - | GCF Priority 4 - Update TS36.523-2 for new test case 8.4.1.5 | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113731 | 0233 | - | Correction the title for test case 8.5.2.1 of 36.523-2 | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113732 | 0234 | - | Correction to the duplicated condition of 36.523-2 | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113733 | 0235 | - | Indication of Number of TC Executions for TCs that contain multi-RAT branches | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113760 | 0236 | - | GCF Priority X - New TC 8.3.4.2.3.4 Applicability | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113768 | 0237 | - | Addition of a applicability statements for new eMBMS tests in clause 17.2 | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113785 | 0238 | - | Applicability for new TC 8.2.1.8 | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113814 | 0239 | - | Correction of EMM TC applicability | 9.5.0 | 9.6.0 |
| 2011-09 | RAN#53 | R5-113327 | 0240 | - | Addition applicability condition for test Case 13.3.2.2 in 36.523-2 | 9.5.0 | 9.6.0 |
| 2011-12 | RAN#54 | R5-115168 | 0244 | - | GCF Priority 4 - Correction to test case selection expression for test case 9.2.3.1.20 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115171 | 0245 | - | Correction to the applicability condition of test case 8.4.7.6 in TS 36.523-2 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115178 | 0246 | - | GCF Priority 4 - Removal of applicability for test case 14.3 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115190 | 0247 | - | Adding band 22 (3500MHz FDD) to 36.523-2 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115238 | 0248 | - | Correction to the applicability statements - PSHO from E to G is mapped incorrectly and other corrections to Multi-layer procedures | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115273 | 0249 | - | Addition of applicability statement for new Rel-9 test case 6.2.3.7a | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115274 | 0250 | - | Addition of applicability statement for new Rel-9 test case 6.2.3.8a | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115276 | 0251 | - | Addition of applicability statement for new Rel-9 test case 6.2.3.9a | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115277 | 0252 | - | Addition of applicability statement for new Rel-9 test case 6.2.3.10a | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115301 | 0253 | - | Editorial correction to conditionals C32 and C33 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115302 | 0254 | - | Corrections to the applicability of CSG test cases | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115312 | 0255 | - | GCF Priority x - New TC 6.1.2.2a_3a_17_18 Applicability | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115317 | 0256 | - | Update of Indication of Number of TC Executions for TCs that contain multi-RAT branches | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115356 | 0257 | - | GCF Priority 3 - Correction to applicability EMM test case 9.2.1.1.25 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115362 | 0258 | - | GCF Priority 2 - Correction to applicability EMM test case 9.2.3.3.5 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115364 | 0259 | - | Correction of PICS pc_HO_from_UTRA | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115372 | 0260 | - | Update to conditional C55 for GCF P2 - P4 test cases 10.8.1 - 10.8.7 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115551 | 0261 | - | GCF priority 4 - Corrections to applicability of EMM test case 9.2.3.3.5a | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115577 | 0262 | - | Correction to the applicability of the MIMO RB test cases 12.3.x | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115632 | 0263 | - | Update the title of test case 11.2.4 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115643 | 0264 | - | Removal of TC 11.2.9 Applicability | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115714 | 0265 | - | Addition of applicability statement for 1xCSFB emergency call | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115715 | 0266 | - | Clarification of Release-dependency in EUTRA test applicability | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115716 | 0267 | - | Correction to the title of test case 13.1.9 and 13.1.11 in TS 36.523-2 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115717 | 0268 | - | Applicability of new test case for Dedicated RLF timer | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115718 | 0269 | - | Applicability of new test case for High speed flag | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115719 | 0270 | - | GCF Priority X: Addition of Applicability for new test cases 8.3.1.9a and 8.3.1.11a | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115894 | 0271 | - | Addition of applicability for new test case 6.2.3.1a | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115799 | 0272 | - | GCF priority x - Addition of applicability of new test case 6.1.1.1a | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115895 | 0273 | - | GCF Priority 2 - Update of applicability of EMM test case 9.2.2.1.7 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115772 | 0274 | - | GCF Priority 3 - Update of EMM test cases 9.2.3.1.26 | 9.6.0 | 9.7.0 |
| 2011-12 | RAN#54 | R5-115773 | 0275 | - | GCF Priority 3 - Correction to applicability EMM test cases 9.2.1.2.4 and 9.2.3.2.4 | 9.6.0 | 9.7.0 |
| 2012-03 | RAN#55 | R5-120121 | 0276 | - | Addition of applicability for test case 11.2.5 | 9.7.0 | 9.8.0 |

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|---------|--------|-----------|------|-------------|--|-------|-------|
| 2012-03 | RAN#55 | R5-120164 | 0277 | - | Addition of applicability statement for E-UTRAN test cases 6.2.3.3a and 6.2.3.5a | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120201 | 0278 | - | Addition of applicability for new MBMS test case | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120205 | 0279 | - | Addition of applicability statement for new Rel-9 test case 13.4.4.1 | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120206 | 0280 | - | Addition of applicability statement for new Rel-9 test case 13.4.4.2 | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120260 | 0281 | - | Addition applicability for new 13.4.4.3 LTE-CDMA2000-HRPD interworking test case | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120416 | 0283 | - | Update title for test case 11.2.2 | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120452 | 0284 | - | Applicability of new test case 8.3.1.3a | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120453 | 0285 | - | Applicability of new test case 8.3.2.3a | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120455 | 0286 | - | Correction to applicability for test cases 9.2.3.3.2, 9.2.3.3.3 and 9.2.3.3.5 | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120499 | 0287 | - | GCF priority U1 - Add speech support for CSFB test cases in Multilayer section | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120501 | 0288 | - | GCF priority U1 - Correction to test case selection expression for IRAT EMM test cases | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120586 | 0289 | - | Addition of applicability statement for new Rel-9 test cases 18.1.1 | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120702 | 0301 | - | GCF Priority x : Update of titles of test cases 8.3.1.9a and 8.3.1.11a | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120704 | 0290 | - | Addition of applicability statement for new test case 11.2.10 | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120716 | 0291 | - | Applicability addition for new inter-mode test cases | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120746 | 0294 | - | Addition applicability for new 13.4.4.4 LTE-CDMA2000-HRPD interworking test case | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120747 | 0295 | - | Applicability of new test case 6.2.3.x | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120748 | 0296 | - | Update of FGI bit table | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120755 | 0297 | - | Addition of new PICS for Support of automatic re-activation of the EPS bearer(s) after the TAU reject with cause #40 | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120759 | 0298 | - | GCF Priority 2 : Introduction of applicability statements for new equivalent 6.1.1.x and 6.1.2.x test cases to cater for bands with single frequency operation | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120762 | 0299 | - | GCF priority 4: Cleanup and aligning applicability of SRVCC | 9.7.0 | 9.8.0 |
| 2012-03 | RAN#55 | R5-120763 | 0300 | - | GCF Priority 3 - Correction to applicability for EMM test cases 9.2.1.2.4 and 9.2.3.2.4 | 9.7.0 | 9.8.0 |

History

| Document history | | |
|-------------------------|---------------|-------------|
| V9.0.0 | April 2010 | Publication |
| V9.1.2 | July 2010 | Publication |
| V9.2.0 | October 2010 | Publication |
| V9.3.0 | January 2011 | Publication |
| V9.4.0 | April 2011 | Publication |
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