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Technical Specification

**LTE;
Evolved Universal Terrestrial Radio Access (E-UTRA)
and Evolved Universal Terrestrial Radio
Access Network (E-UTRAN);
User Equipment (UE) conformance specification;
Part 2: ICS
(3GPP TS 36.523-2 version 8.0.1 Release 8)**



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650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
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Foreword

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Introduction

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

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".

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

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.

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 | |
|------------------|---|---------|---------------|-----------------------|------------------------|---------------|
| | | | Condition | Comment | Specific ICS | Specific IXIT |
| IDLE MODE | | | | | | |
| 6.1.2.2 | Cell selection, Qrxlevmin | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 6.1.2.3 | Cell selection (intra frequency intra E-UTRAN) when the serving cell becomes non-suitable (S<0, barred) | Rel-8 | 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 Qhyst, Qoffset and Treselection | 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 | |
| LAYER 2 | | | | | | |
| 7.1.1.1 | CCCH mapped to UL SCH/ DL-SCH / Invalid LCID (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 / Invalid LCID (Logical Channel ID) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.2.1 | Correct Selection of RACH parameters / Random Access Preamble and PRACH resource explicitly signalled to the UE by RRC [Non Contention Based Random Access Procedure | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 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_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.2.3 | Correct Selection of RACH parameters, selected by MAC itself [Contention Based Random Access Procedure] | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.2.4 | Random Access Procedure: Successful | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.2.5 | Random Access Procedure: MAC PDU containing multiple RARs | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.2.6 | Maintenance of Uplink Time Alignment | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |

| | | | | | | |
|----------|--|-------|---|-----------------------|---------|--|
| 7.1.2.7 | MAC-Contention Resolution[Temporary C-RNTI] | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.2.8 | MAC-Contention Resolution[C-RNTI] | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.2.9 | MAC-Backoff Indicator | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.3.1 | Correct handling of DL assignment / dynamic case | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.3.2 | Correct handling of DL assignment / semi persistent case [Conf Req:] | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.3.3 | MAC PDU header handling | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.3.4 | Correct HARQ process handling [DCCH /DTCH] | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.3.5 | Correct HARQ process handling [CCCH] | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.3.6 | Correct HARQ process handling [BCCH] | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.3.7 | MAC-Padding | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.4.1 | Correct handling of UL assignment / dynamic case | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.4.2 | Correct handling of UL assignment / semi persistent case | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.4.3 | Logical channel prioritization handling | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.1.4.4 | Correct Handling of MAC control information [Scheduling Requests/ 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 arrives 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 | |
| 7.1.4.8 | 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 | |
| 7.1.4.13 | MAC PDU header handling | Rel-8 | R | UEs supporting E-UTRA | 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 | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |

| | reporting] | | | | | |
|----------|---|-------|---|-----------------------|---------|--|
| | | | | | pc_eTDD | |
| 7.2.2.4 | UM RLC/ Reassembly / 10-bit SN / 11-bit "Length Indicators" / LI value > PDU size | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.2.2.8 | UM RLC/ In sequence delivery of upper layer PDUs without residual loss of RLC PDUs/ Maximum re-ordering delay exceeds the T_reordering time | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.2.2.9 | UM RLC/ In sequence delivery of upper layer PDUs with residual loss of RLC PDUs/ Maximum re-ordering delay exceeds the T_reordering time | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.2.3.1 | AM RLC / Concatenation and Reassembly | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.2.3.2 | AM RLC / Segmentation and Reassembly / 11 bit "Length Indicators" / No PDU segmentation | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.2.3.3 | AM RLC / Segmentation and Reassembly / 11-bit "Length Indicators" / "Framing Info Field" | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.2.3.4 | AM RLC / Segmentation and Reassembly / 11-bit "Length Indicators" / Different numbers of Length Indicators | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 7.2.3.5 | AM RLC / Reassembly / 11-bit "Length Indicators" / LI value > PDU size | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 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 | AM RLC / Operation of the RLC reestablishment procedure / UE Terminated | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 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 | |

| | | | | | | |
|----------|--|-------|---|-----------------------|---------|--|
| 7.2.3.18 | AM RLC / Reassembly / AMD PDU reassembly from AMD PDU segments; Segmentation Offset and Last Segment Flag fields | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 7.2.3.19 | AM RLC / Duplicate detection of RLC PDU segments | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 7.2.3.20 | AM RLC / Duplicate detection of RLC PDUs | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 7.3.1.1 | Maintenance of PDCP sequence numbers (user plane, RLC AM) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 7.3.3.1 | Ciphering and Deciphering: Correct functionality of EPS AS encryption algorithms (SNOW 3G) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 7.3.3.2 | Ciphering and Deciphering: Correct functionality of EPS UP encryption algorithms (SNOW 3G) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 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 | PDCP handover / Lossless Handover / Retransmission of PDCP SDU in the uplink | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 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 | 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 | R | UEs supporting E-UTRA | 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) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |

| | | | | | | |
|----------|---|-------|-----|--------------------------------|--------------------|--|
| | records) | | | | | |
| 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 | |
| 8.1.2.1 | RRC Connection Establishment: Success | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | |
| 8.1.2.2 | RRC Connection Establishment in RRC Idle state: Reject with wait time | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | |
| 8.1.2.3 | RRC Connection Establishment in RRC Idle state: 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 | |
| 8.1.2.7 | RRC Connection Establishment: 0% access probability for AC 0..9, AC 10 is barred, AC 11..15 are not barred, access for UE with access class in the range 11..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 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | |
| 8.1.2.10 | RRC Connection Establishment during Cell reselection: Failure | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | |
| 8.1.3.1 | RRC / RRC Connection Release: Success | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | |
| 8.1.3.3 | RRC Connection Release: UE stays on same cell | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | |
| 8.1.3.4 | RRC Connection Release: redirection to another E-UTRA 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 | |
| 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 | |
| 8.2.1.1 | 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_eTDD pc_eFDD | |
| 8.2.1.2 | RRC Connection Reconfiguration / Radio Bearer Establishment for transition from RRC_IDLE to RRC_CONNECTED: Failure (Default bearer) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | |
| 8.2.1.3 | RRC Connection Reconfiguration / Radio Bearer Establishment: Success (Dedicated bearer) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD pc_eFDD | |

| | | | | | | |
|---------|---|-------|---|-----------------------|---------|--|
| 8.2.1.4 | RRC Connection Reconfiguration / Radio Bearer Establishment: Failure (Dedicated bearer) | 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 | |
| 8.2.2.1 | 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 | |
| 8.2.4.5 | RRC Connection Reconfiguration / Handover (full configuration) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 8.2.4.6 | RRC Connection Reconfiguration / Handover (inter-frequency) | Rel-8 | R | UEs supporting E-UTRA | 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 | |
| 8.2.4.9 | RRC Connection Reconfiguration / Handover (Inter-band blind handover): Success | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | 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 | |
| 8.3.1.4 | Measurement configuration control and reporting / intra E-UTRAN measurements: Periodic reporting (intra and inter frequency measurements) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 8.3.1.5 | Measurement configuration control and reporting / intra E-UTRAN measurements: 2 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: 2 simultaneous events A2 and A3 | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |

| | | | | | | |
|----------|---|-------|---|-----------------------|---------|--|
| | (Inter frequency measurements) | | | | | |
| 8.3.1.7 | Measurement configuration control and reporting/ intra E-UTRAN measurements: blacklisting | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 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_eTDD | |
| | | | | | pc_eFDD | |
| 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_eTDD | |
| | | | | | pc_eFDD | |
| 8.3.1.10 | Measurement configuration control and reporting / intra E-UTRAN measurements: inter-frequency handover (IE measurement configuration not present) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 8.3.2.3 | Measurement configuration control and reporting / inter RAT measurements: event B2 (measurement of UTRAN cells) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 8.3.2.4 | Measurement configuration control and reporting / inter RAT measurements: Periodic reporting (measurement of UTRAN cells) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 8.3.3.1 | Measurement configuration control and reporting / SON / ANR: CGI reporting of E-UTRAN cell | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 8.5.1.1 | RRC Connection Re-establishment: Success (after Radio Link Failure) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 8.5.1.2 | RRC Connection Re-establishment: End of procedure after T301 expiry (after Radio Link Failure) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 8.5.1.3 | RRC Connection Re-establishment: Failure: T311 Expiry (after Radio Link Failure) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 8.5.1.4 | RRC Connection Re-establishment: Failure: Reject (after Radio Link Failure) | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 8.5.1.5 | Radio Link Recovery while T310 is running | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9 | EPS MOBILITY MANAGEMENT PROCEDURE | | | | | |
| 9.1.1.1 | GUTI reallocation procedure | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.1.1.2 | GUTI reallocation procedure, no TA list | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.1.2.1 | Authentication accepted | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 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 | |

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|------------|--|-------|-----|---|---------------------------|--|
| 9.1.2.4 | Authentication not accepted by the UE, MAC code failure | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.1.3.1 | 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 | |
| 9.1.4.1 | Identification procedure, IMSI requested | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.1.1 | Attach Procedure / Success (valid GUTI) | Rel-8 | C04 | UEs supporting E-UTRA and not CS fallback capable | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.1.2 | Attach Procedure / Success / With IMSI, GUTI reallocation | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.1.5 | Attach Procedure / Success / ATTACH ACCEPT message includes the PDN address assigned to the UE | Rel-8 | C04 | UEs supporting E-UTRA and not CS fallback capable | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.1.9 | ATTACH / rejected / IMSI invalid | Rel-8 | C04 | UEs supporting E-UTRA and not CS fallback capable | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.1.12 | ATTACH / rejected / GPRS services not allowed | Rel-8 | C04 | UEs supporting E-UTRA and not CS fallback capable | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.1.13 | ATTACH / rejected / PLMN not allowed | Rel-8 | C04 | UEs supporting E-UTRA and not CS fallback capable | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.1.14 | Attach / rejected / tracking area not allowed | Rel-8 | C04 | UEs supporting E-UTRA and not CS fallback capable | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.1.17 | Attach / rejected / no suitable cells in tracking area | Rel-8 | C04 | UEs supporting E-UTRA and not CS fallback capable | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.1.19 | ATTACH / Abnormal case / Failure due to non integrity protection | Rel-8 | C04 | UEs supporting E-UTRA and not CS fallback capable | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.1.2.1 | Combined attach procedure / Success / EPS and non-EPS services | Rel-8 | C02 | UEs supporting E-UTRA and UEs supporting CSfallback | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.2.1.1 | UE initiated detach / UE switched off | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 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_eTDD, pc_USIM_Removal | |
| | | | | | pc_eFDD, pc_USIM_Removal | |
| 9.2.2.2.1 | NW initiated detach / re-attach required | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.2.2.4 | NW initiated detach / re-attach not required / IMSI invalid | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD | |
| 9.2.2.2.6 | NW initiated detach / re-attach not required / GPRS services not allowed | Rel-8 | R | UEs supporting E-UTRA | pc_eTDD | |
| | | | | | pc_eFDD AND pc_CSfallback | |

| | | | | | | |
|-----------|--|-------|-----|---|------------------------------|--|
| | | | | | pc_eFDD AND pc_CSfallback | |
| 9.2.2.2.7 | NW initiated detach / re-attach not required / GPRS services and non-GPRS services not allowed | Rel-8 | C02 | UEs supporting E-UTRA and UEs supporting CSfallback | pc_eFDD | |
| | | | | | pc_eTDD | |
| 9.2.2.2.8 | NW initiated detach / re-attach not required / PLMN not allowed | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 9.2.3.1.1 | Normal tracking area update / accepted | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 9.2.3.1.2 | Normal tracking area update / accepted / "Active" flag set | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 9.2.3.1.5 | Periodic tracking area update / accepted | 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 UEs supporting CSfallback | 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 | Service Request / initiated by UE for uplink signalling | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 9.4.1 | Integrity protection: Correct functionality of EPS NAS integrity algorithms (SNOW3G) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 9.4.2 | Integrity protection: Correct functionality of EPS NAS integrity algorithms (AES) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 9.4.3 | Ciphering and Deciphering: Correct functionality of EPS NAS encryption algorithms (SNOW3G) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |
| 9.4.4 | Ciphering and Deciphering: Correct functionality of EPS NAS encryption algorithms (AES) | Rel-8 | R | UEs supporting E-UTRA | pc_eFDD | |
| | | | | | pc_eTDD | |

Table 4-1a: Applicability of tests Conditions

| | |
|-----|--|
| C01 | IF [8]A.1/1 OR [8]A.1/2 THEN R ELSE N/A |
| C02 | IF ([8]A.1/1 OR [8]A.1/2 OR [8]A.1/5) AND [8]A.3/1 AND A.4.2.1.1-1/1 THEN R ELSE N/A |
| C03 | IF A.4.4-1/1 THEN R ELSE N/A |
| C04 | IF (NOT A.4.2.1.1-1/1) THEN R ELSE N/A |

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

| |
|--|
| 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:

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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 | |

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 | CS fallback | 24.301 | Rel-8 | pc_CSfallback | |

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.4.4 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 | |

Annex B (informative): Change history

| 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 |

History

| Document history | | |
|-------------------------|--------------|-------------|
| V8.0.1 | January 2009 | Publication |
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