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TECHNICAL SPECIFICATION

**Universal Mobile Telecommunications System (UMTS);
LTE;
5G;
UICC-terminal interface;
Universal Subscriber Identity Module (USIM)
application test specification
(3GPP TS 31.121 version 15.10.0 Release 15)**

ETSI

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

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Contents

Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

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2   presented to TSG for approval;

3   or greater indicates TSG approved document under change control.

y   the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.

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

In the present document, modal verbs have the following meanings:

shall   indicates a mandatory requirement to do something

shall not   indicates an interdiction (prohibition) to do something

The constructions "shall" and "shall not" are confined to the context of normative provisions, and do not appear in Technical Reports.

The constructions "must" and "must not" are not used as substitutes for "shall" and "shall not". Their use is avoided insofar as possible, and they are not used in a normative context except in a direct citation from an external, referenced, non-3GPP document, or so as to maintain continuity of style when extending or modifying the provisions of such a referenced document.

should   indicates a recommendation to do something

should not   indicates a recommendation not to do something

may   indicates permission to do something

need not   indicates permission not to do something

The construction "may not" is ambiguous and is not used in normative elements. The unambiguous constructions "might not" or "shall not" are used instead, depending upon the meaning intended.

can   indicates that something is possible

cannot   indicates that something is impossible

The constructions "can" and "cannot" are not substitutes for "may" and "need not".

will   indicates that something is certain or expected to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document

will not   indicates that something is certain or expected not to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document

might   indicates a likelihood that something will happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

might not   indicates a likelihood that something will not happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

In addition:

is   (or any other verb in the indicative mood) indicates a statement of fact

is not   (or any other negative verb in the indicative mood) indicates a statement of fact

The constructions "is" and "is not" do not indicate requirements.

Introduction

The present document defines the application test specification.

The aim of the present document is to ensure interoperability between an UICC and a terminal independently of the respective manufacturer, card issuer or operator. The present document does not define any aspects related to the administrative management phase of the UICC. Any internal technical realisation of either the UICC or the Terminal is only specified where these are reflected over the interface.

Application specific details for applications residing on an UICC are specified in the respective application specific documents. The logical and physical Characteristics of the UICC Terminal interface is specified in document ETSI TS 102 221 [5]. The Universal Subscriber Identity Module (USIM)-application for 3G telecommunication networks is specified in document TS 31.102 [4].

1 Scope

The present document provides the UICC–Terminal Interface Conformance Test Specification between a terminal and the USIM (Universal Subscriber Identity Module) as an application on the UICC and the Terminal for a 3GPP network operation:

- the default setting of the USIM;

- the applicability of each test case;

- the test configurations;

- the conformance requirement and reference to the core specifications;

- the test purposes; and

- a brief description of the test procedure and the specific acceptance criteria.

For the avoidance of doubt, references to clauses of ETSI TS 102 221 [5] include all the clauses of that clause, unless specifically mentioned.

ETSI TS 102 221 [5] contains material that is outside of the scope of 3GPP requirements. A 3GPP ME may support functionality that is not required by 3GPP, but the requirements to do so are outside of the scope of 3GPP. Thus the present document does not contain tests for features defined in ETSI TS 102 221 [5] which are out of scope of 3GPP.

In the present document, unless explicitly stated otherwise, for Rel-13 onwards the term E-UTRAN implicitly refers to E-UTRAN in WB-S1 mode. E-UTRAN in NB-S1 mode is always explicitly referred to as NB-IoT.

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 in same release as the implementation release of the terminal under test applies.

[1] to [4]   Void

[5]   If the device under test is a
  - R99 ME: ETSI TS 102 221 v3.18.0: "UICC-Terminal interface; Physical and logical characteristics",

  - Rel-4 ME:ETSI TS 102 221 v4.16.0: "UICC-Terminal interface; Physical and logical characteristics",

  - Rel-5 ME:ETSI TS 102 221 v5.10.0: "UICC-Terminal interface; Physical and logical characteristics",

  - Rel-6 ME:ETSI TS 102 221 v6.15.0: "UICC-Terminal interface; Physical and logical characteristics",

  - Rel-7 ME:ETSI TS 102 221 v7.17.0: "UICC-Terminal interface; Physical and logical characteristics",

  - Rel-8 ME:ETSI TS 102 221 v8.5.0: "UICC-Terminal interface; Physical and logical characteristics",

  - Rel-9 ME:ETSI TS 102 221 v9.2.0: "UICC-Terminal interface; Physical and logical characteristics"",

  - Rel-10 ME: ETSI TS 102 221 v10.0.0: "UICC-Terminal interface; Physical and logical characteristics",

  - Rel-11 ME: ETSI TS 102 221 v11.1.0: "UICC-Terminal interface; Physical and logical characteristics",

  - Rel-12 ME: ETSI TS 102 221 v12.1.0: "UICC-Terminal interface; Physical and logical characteristics".

- Rel-13 ME: ETSI TS 102 221 v13.2.0: "UICC-Terminal interface; Physical and logical characteristics".

- Rel-14 ME: ETSI TS 102 221 v14.1.0: "UICC-Terminal interface; Physical and logical characteristics".

- Rel-15 ME: ETSI TS 102 221 v15.0.0: "UICC-Terminal interface; Physical and logical characteristics".

[6] to [47]   void

[48]   3GPP TS 31.121: Rel-16 "UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification".

3 Void

4 Default values, requirements and test cases

The default values, requirements and test cases of the present document are provided in 3GPP TS 31.121 [48].

Annex A (informative): Change history

						Change history	
Date	**Meeting**	**TDoc**	**CR**	**R ev**	**Cat**	**Subject/Comment**	**New version**
CT-28	CT-28	CP-050139	068	-	B	Introduction of BCD number/ SSC content extension tests	6.0.0
CT-28	CT-28	CP-050139	072	-	B	Introduction of ACL tests	6.0.0
CT-28	CT-28	CP-050139	073	-	B	Introduction of SDN tests	6.0.0
CT-28	CT-28	CP-050139	074	-	B	Introduction of phonebook selection/ local phonebook handling test	6.0.0
CT-29	CT-29	CP-050325	080	-	A	Incorrect PUK2 value used in TC 6.1.6	6.1.0
CT-29	CT-29	CP-050325	088	-	A	Incorrect value used for EF SMS in TC 8.2.2	6.1.0
CT-29	CT-29	CP-050331	076	-	A	Incorrect MCC value used in TC 7.4.1	6.1.0
CT-29	CT-29	CP-050336	083	-	F	Clarification of BCD number/ SSC content extension tests	6.1.0
CT-29	CT-29	CP-050336	081	-	F	Numbering and minor corrections	6.1.0
CT-30	CT-30	CP-050494	090	-	F	CR to create combined R99 – Rel-6 version	6.2.0
CT-31	CT-31	CP-060020	095	-	F	Essential correction of TC 7.2.1	6.3.0
CT-31	CT-31	-	-	-	-	Update of Change History by TB Officer	6.3.1
CT-32	CT-32	CP-060285	0096	-	F	Essential correction of acceptance criteria in 6.1.3.5 and 6.1.4.5	6.4.0
CT-32	CT-32	CP-060286	0097	-	F	Essential corrections on ACL TC 9.1.1	6.4.0
CT-33	CT-33	CP-060507	0098	1	F	Essential corrections on Applicability table	6.5.0
CT-34	CT-34	CP-060543	0099	1	F	Essential corrections to 8.1.2	6.6.0
CT-34	CT-34	CP-060543	0100	1	F	Essential correction of EF PLMNwACT coding	6.6.0
CT-35	CT-35	CP-070064	0101	1	F	Essential correction of UICC presence detection test	6.7.0
CT-36	CT-36	-	-	-	-	Update to Rel-7 version (MCC)	7.0.0
CT-37	CT-37	CP-070617	0103	-	F	Essential correction of Location Area Information parameter in test 7.3	7.1.0
CT-37	CT-37	CP-070617	0104	-	F	Essential correction of the applicability of tests 6.4.2, 6.4.3, 6.4.4	7.1.0
CT-38	CT-38	CP-070846	0105	-	F	Essential correction on test case 7.1.2	7.2.0
CT-38	CT-38	CP-070846	0106	1	C	Introduction of Rel-7 test case applicability	7.2.0
CT-38	CT-38	CP-070846	0107	1	F	Essential correction of Location Updating Accept/ Attach Accept parameters in 7.1.1	7.2.0
CT-38	CT-38	CP-070846	0108	1	F	Essential correction of network parameters and acceptance criteria in 7.4.1	7.2.0
CT-38	CT-38	CP-070846	0109	1	F	Correction of reference to 3GPP TS 23.140	7.2.0
CT-39	CT-39	CP-080171	0110	-	F	Sequence indication error in 7.1.2.4.2 fixed after wrong implementation of CR 0105	7.3.0
CT-39	CT-39	CP-080171	0111	1	F	Essential correction to Access Class Barred IE coding in tables 5-1a and 5-1b	7.3.0
CT-40	CT-40	CP-080387	0112	-	F	Essential correction to network simulator configuration in test 5.2.1	7.4.0
CT-40	CT-40	CP-080387	0113	-	F	Essential correction to test 7.3.1	7.4.0
CT-40	CT-40	CP-080387	0114	1	F	Essential correction of the test case applicability for terminals not supporting speech calls	7.4.0
CT-41	CT-41	CP-080587	0115	-	F	Essential correction of TC 8.4 applicability	7.5.0
CT-42	CT-42	------	-	-	-	Upgrade to copyright, keywords and logo for LTE	8.0.0
CT-43	CT-43	CP-090458	0116	1	B	Definition of LTE™ tests	8.1.0
CT-43	CT-43	CP-090458	0118	-	B	Definition of clause 7.2, 7.3 and 7.4 LTE™ tests	8.1.0
CT-43	CT-43	CP-090458	0119	1	F	Clarification of class 2 SMS test	8.1.0
CT-43	CT-43	CP-090458	0120	2	F	Clarification of PIN MMI string test	8.1.0
CT-45	CT-45	CP-090717	0121	1	B	Definition of CSG related test cases for E-UTRA	8.2.0
CT-45	CT-45	CP-090717	0122	1	B	Definition of EPS NAS Security Context cases for E-UTRA/EPC	8.2.0
CT-45	CT-45	CP-090717	0123		F	Essential correction of test 6.1.12	8.2.0
CT-45	CT-45	CP-090717	0124	1	F	Correction of tests 7.4.2 and 7.4.4	8.2.0
CT-45	CT-45	CP-090717	0126	1	B	Definition of CSG related test cases for E-UTRA, Part 2	8.2.0
CT-45	CT-45	CP-090717	0127		F	Essential corrections on LTE related test cases	8.2.0
CT-46	CT-46	CP-090997	0130		F	Correction of EF UST in clause 4.4.1	8.3.0
CT-46	CT-46	CP-090998	0133	1	F	Editorial correction of the naming of RRCConnectionRequest	8.3.0
CT-46	CT-46	CP-090998	0131	3	F	Definition of the UICC presence detection test when connected to E-UTRAN/EPC	8.3.0
CT-46	CT-46	CP-090998	0132	3	F	Definition of ACL related test cases for E-UTRA	8.3.0
CT-46	CT-46	CP-090998	0135		F	Update of CGS list tests	8.3.0
CT-46	CT-46	-	-	-	-	Upgrade of the specification to Rel-9	9.0.0
CT-47	CT-47	CP-100195	0139	1	D	Editorial modifications about missing clause numbers	9.1.0
CT-47	CT-47	CP-100193	0137	-	F	Introduction of Rel-9 applicability and applicability table corrections	9.1.0
CT-48	CT-48	CP-100394	0141		F	Essential correction of Unblock Universal PIN value description in 4.1.1.21	9.2.0
CT-48	CT-48	CP-100394	0140	1	F	Essential correction to applicability table	9.2.0
CT-48	CT-48	CP-100394	0143	1	F	Essential corrections on the initial conditions of E-UTRAN related test cases	9.2.0
CT-48	CT-48	CP-100394	0144		F	Correction of inconsistent terminology for E-UTRAN-related elements	9.2.0
CT-49	CT-49	CP-100589	0147	1	F	Addition of CSG Type and Home NodeB Name display test	9.3.0
CT-49	CT-49	CP-100590	0146	1	F	Essential corrections on E-UTRAN / EPC related test cases	9.3.0
CT-49	CT-49	CP-100592	0145	1	F	Update of references	9.3.0

CT-50	CT-50	CP-100831	0150	1	F	Correction of incorrect Expected IMSI value in TC 5.1.8 acceptance criteria	9.4.0
CT-50	CT-50	CP-100831	0151	1	F	Addition of LTE-related services to EF_UST in LTE test cases	9.4.0
CT-50	CT-50	CP-100830	0148	1	B	Definition of E-UTRAN/EPC ISIM-UICC for ISIM related testing	9.4.0
CT-51	CT-51	CP-110264	0153	3	C	Split of test 8.2.1 for independent verification of correct 'Class 2 SM storage on the USIM' and 'SM memory capacity exceeded handling' support	9.5.0
CT-51	CT-51	CP-110232	0154	7	B	Introduction of ISIM related SMS tests	9.5.0
CT-51	CT-51	CP-110232	0155		B	Introduction of ISIM and USIM related SMS reading test	9.5.0
CT-51	CT-51	CP-110264	0156	1	F	Essential correction on TC 5.1.10	9.5.0
SP-51	SP-51					Automatic upgrade from previous version 9.5.0	10.0.0
CT-52	CT-52	CP-110502	0158	1	F	Removal of tel URI in EF_IMPU of the default configuration of a E-UTRAN/EPC ISIM UICC	10.1.0
CT-52	CT-52	CP-110502	0159		F	Essential correction of test 11.1 regarding EF EPSNSC updates	10.1.0
CT-53	CT-53	CP-110718	0161	2	F	Essential correction of tests 11.2 and 11.3	10.2.0
CT-53	CT-53	CP-110718	0162	1	F	Essential correction of test 5.2.2	10.2.0
						Correction of formatting of table 5-2	10.2.1
CT-54	CT-54	CP-110903	0163	1	F	Essential correction of the phonebook and MMS tests applicability	10.3.0
CT-54	CT-54	CP-110903	0164	1	F	Deletion of test 9.1.6 (Access Point Name Control List handling for terminals not supporting ACL connected to E-UTRAN/EPC)	10.3.0
CT-55	CT-55	CP-120150	0165	1	F	Essential correction of 5.2.2	10.4.0
CT-56	CT-56	CP-120390	0166		F	Correction of test 6.1.16	10.5.0
CT-56	CT-56	CP-120390	0168	1	F	Test case applicability modification of test 8.2.3 for terminals with large SMS storage capabilities	10.5.0
CT-56	CT-56	CP-120391	0167		F	Changes in test sequences for ACL in E-UTRAN	10.5.0
SP-57	SP-57					Automatic upgrade to Rel-11	11.0.0
CT-58	CT-58	CP-120874	0172	1	F	Essential correction on TC 11.1	11.1.0
CT-58	CT-58	CP-120874	0173	1	F	Essential correction on TC 11.2	11.1.0
CT-58	CT-58	CP-120874	0171	1	F	Essential correction on the applicability for TC 5.2.2	11.1.0
CT-58	CT-58	CP-120874	0170	3	F	Change of ACL test sequence	11.1.0
CT-60	CT-60	CP-130368	0174	7	B	Introduction of Operator CSG lists and CSG list display control related TCs for E-UTRA and UTRA (Rel-9)	11.2.0
CT-60	CT-60	CP-130368	0176	2	B	Introduction of Allowed CSG Lists related TCs for UTRA (Rel-8)	11.2.0
CT-62	CT-62	CP-130798	0179		F	Removal of the unused applicability condition C030	11.3.0
CT-62	CT-62	CP-130789	0180	3	B	ntroduction of EPS NAS Security Context Storage test case	11.3.0
CT-62	CT-62	CP-130798	0181	1	F	Essential correction for Applicability table related to new CSG tests	11.3.0
CT-63	CT-63	CP-140170	0182		D	Clarification of call types to be used inside test case 8.4.	11.4.0
CT-63	CT-63	CP-140170	0183	1	F	Corrections to test case 10.1.2, 10.1.4 and 10.1.5	11.4.0
CT-63	CT-63	CP-140170	0186	1	F	Corrections to the applicabilities of CSG test cases	11.4.0
CT-63	CT-63	CP-140170	0184	1	F	Corrections to test case 10.1.8 and 10.2.2	11.4.0
CT-63	CT-63	CP-140170	0185	1	F	Corrections to test case 10.2.1, 10.2.2 and 10.2.3	11.4.0
CT-65	CT-65	CP-140706	0187		F	Correction to the text description of default value in EFOPLMNwAcT	11.5.0
CT-65	CT-65	CP-140706	0190		F	Corrections to the test sequence of TC 6.4.3 and 6.4.4	11.5.0
SP-65	SP-65					Automatic upgrade to Rel-11	12.0.0
CT-66	CT-66	CP-140962	0192		F	Default GUTI correction	12.1.0
CT-66	CT-66	CP-140962	0191	1	F	Removal of TC 9.1.5	12.1.0
CT-66	CT-66	CP-140962	0188	2	F	Update of references to ETSI TS 102 221 and addition of Rel-12 applicability	12.1.0
CT-67	CT-67	CP-150161	0194		F	Corrections to test case 7.1.1	12.2.0
CT-67	CT-67	CP-150160	0196		F	Corrections to test case 7.1.6 and 10.2.3	12.2.0
CT-67	CT-67	CP-150161	0197	1	F	Corrections to test case 8.2.4	12.2.0
CT-67	CT-67	CP-150161	0195	1	F	Corrections to test case 7.1.3, 7.2.2, 7.2.3, 7.3.1, 7.3.2, 7.4.1 and 7.4.2	12.2.0
CT-67	CT-67	CP-150161	0198	2	F	Essential correction on EFEPSNSC (EPS NAS Security Context) defined for E-UTRAN/EPC UICC	12.2.0
CT-68	CT-68	CP-150161	0194		F	Corrections to test case 7.1.1	12.3.0
CT-69	CT-69	CP-150564	0200	2	C	Relaxing the mandatory clause and making features optional	13.0.0
CT-70	CT-70	CP-150828	0206		C	Essential correction of initial conditions in test case 10.1.5 and 10.1.6.	13.1.0
CT-70	CT-70	CP-150828	0202	1	B	Addition of Rel-13 column to applicability table	13.1.0
CT-70	CT-70	CP-150828	0207	1	F	Essential corrections on test cases 5.1.1 and 5.1.2	13.1.0
CT-70	CT-70	CP-150828	0208	1	F	Essential corrections on test case 7.2.3	13.1.0
CT-70	CT-70	CP-150828	0205	2	F	Essential corrections to test case 7.1.1	13.1.0
CT-70	CT-70	CP-150828	0203	1	D	Editorial corrections in CSG related test cases	13.1.0
CT-70	CT-70	CP-150828	0204	1	C	Additional check on UE after manual CSG attempt rejected	13.1.0
CT-70	CT-70	CP-150828	0210		C	Clarification on acceptance criteria on EF-ACSGL in test case 10.1.3.	13.1.0
CT-71	CT-71	CP-160144	0212	1	F	Essential correction on applicability table for test case execution in GERAN	13.2.0
CT-71	CT-71	CP-160144	0213	1	F	Essential correction to test case for NAS security context parameter handling	13.2.0

CT-71	CT-71	CP-160144	0211	1	B	Introduction of new test cases on Non-Access Stratum (NAS) configuration	13.2.0
CT-71	CT-71	CP-160145	0214	1	C	Making Local Phone Book Optional	13.2.0
CT-72	CT-72	CP-160346	0216		F	Modification of TAC value in the Acceptance criteria of test case 10.1.2	13.3.0
CT-72	CT-72	CP-160346	0217	1	D	Editorial corrections to test case 12.2	13.3.0
CT-72	CT-72	CP-160346	0218	1	B	Introduction of new test cases on Non-Access Stratum (NAS) configuration	13.3.0
CT-72	CT-72	CP-160346	0221	1	F	Correction to test cases updating the EF-ACSGL	13.3.0
CT-72	CT-72	CP-160349	0219	1	C	Making phonebook support optional for MEs with reduced feature capabilities	13.3.0
CT-73	CT-73	CP-160547	0222		B	Introduction of new test cases on Non-Access Stratum (NAS) configuration	13.4.0
CT-73	CT-73	CP-160547	0223		F	Correction of Acceptance criteria of test case 12.4	13.4.0
CT-74	CT-74	CP-160791	225		F	Essential correction to test case for E-UTRA Disabling Allowed for EMM cause #15	13.5.0
CT-74	CT-74	CP-160791	232		F	Condition for test case for EFNASCONFIG - Override NAS signalling low priority	13.5.0
CT-74	CT-74	CP-160791	234		F	Applicability of test case for EFNASCONFIG - SM_RetryWaitTime	13.5.0
CT-74	CT-74	CP-160791	235		F	Condition for Verifying Timer T3245 Behaviour test case	13.5.0
CT-74	CT-74	CP-160791	237		F	Correction of Applicabilty for test case 9.1.4	13.5.0
CT-74	CT-74	CP-160791	231	1	F	Condition for test case for EFNASCONFIG - Override Extended Access Barring	13.5.0
CT-75	CT-75	CP-170231	0236	4	B	Introduction of new test executions for NB-IoT UE implementation	13.6.0
CT-75	CT-75	CP-170231	0239	1	B	Modification of some E-UTRAN test cases under cl. 7.1/3/4 to cover NB-IoT	13.6.0
CT75	CT75	CP-170231	0240	1	B	Modification of test cases under cl. 11 and 8.5 to cover NB-IoT	13.6.0
CT75	CT75	CP-170231	0238	3	B	Introduction of NB-IoT Applicability to some LTE test cases and addition of a new test case to cl. 8.2	13.6.0
CT-75	CT-75	CP-170166	0226	2	F	Removal of test case for EFNASCONFIG – Extended Access Barring	13.6.0
CT-75	CT-75	CP-170166	0230	3	F	Removal of test case for EFNASCONFIG – NMO I Network Mode of Operation I handling	13.6.0
2017-03	2017-03	SA-75	-	-	-	Update to Rel-14 version (MCC)	14.0.0
CT-76	CT-76	CP-171160	0243	-	B	Addition of new test case 5.2.X	14.1.0
CT-76	CT-76	CP-171166	0228	3	F	Removal of test case for EFNASCONFIG - Minimum Periodic Search Timer	14.1.0
CT-76	CT-76	CP-171166	0229	3	F	Removal of test case for EFNASCONFIG - NAS Signalling Priority	14.1.0
CT-76	CT-76	CP-171166	0233	3	F	Removal of test case for EFNASCONFIG - SM_RetryAtRATChange	14.1.0
CT-76	CT-76	CP-171166	0224	3	F	Removal of test case for Attach with IMSI	14.1.0
CT-76	CT-76	CP-171166	0244	-	F	Correction to test case 11.4 for EPS NAS security context Storage	14.1.0
CT-76	CT-76	CP-171166	0242	-	F	Added applicability for Rel.14 terminals	14.1.0
CT-76	CT-76	CP-171166	0224	4	F	Removal of test case for Attach with IMSI	14.1.0
CT-76	CT-76	CP-171166	0245	-	D	Editorial corrections to clause 12.5	14.1.0
2017-09	CT-77	CP-172065	0250	3	F	Correction of handling NAS reject messages	14.2.0
2017-09	CT-77	CP-172064	0252	1	F	Correction of wrong implementation of CRs in TS 31.121	14.2.0
2017-09	CT-77	CP-172065	0253	1	B	Addition of new test case on handling non-integrity protected NAS reject messages	14.2.0
2017-12	CT-78	CP-173150	0254	-	F	Fixed typos in table B.1	14.3.0
2017-12	CT-78	CP-173150	0255	2	F	Fixed conditions for test cases for terminals that supports only E-UTRA	14.3.0
2017-12	CT-78	CP-173150	0256	2	B	Introduction of test cases for UICC interface during PSM and eDRX	14.3.0
2018-03	CT79	CP-180129	0257	1	F	Remove references to hardcoded timers for testcases for UICC interface during PSM and eDRX	14.4.0
2018-03	CT79	CP-180129	0258	1	F	Correction of implementation error in applicability table	14.4.0
2018-03	CT79	CP-180129	0259	1	F	Minor corrections to testcases for UICC interface during PSM and eDRX	14.4.0
2018-03	CT79	CP-180129	0260	-	F	Move PSM/eDRX procedure selection decision to the network	14.4.0
2018-03	CT79	CP-180129	0261	-	F	Correction to test case 11.4 for EPS NAS security context Storage	14.4.0
2018-06	CT80	CP-181157	0262	1	B	Introduction of new test cases for user and operator controlled PLMN selector handling	14.5.0
2018-06	CT80	CP-181151	0263	-	F	Applicability modification of TC 7.2.6, 7.2.7 and 12.10	14.5.0
2018-06	CT80	CP-181151	0264	-	F	Addition of logical description of EFUMPC	14.5.0
2018-06	SA80					Automatic updgrade to Rel-15	15.0.0
2018-09	CT#81	CP-182188	0265	2	D	Editorial corrections to TC 13.2 and cl. 3.8	15.1.0
2018-09	CT#81	CP-182188	0266	-	F	Modification of test procedures under cl. 13, and cl. 14	15.1.0
2018-09	CT#81	CP-182188	0267	1	F	Correction of wrong implementation of CR#0262	15.1.0
2018-09	CT#81	CP-182190	0268	1	F	Correction to the applicability table	15.1.0
3018-09	CT#81	CP-182190	0269	1	F	TS 31.121: Adding applicability for Rel.15 terminals	15.1.0
2018-12	CT#82	CP-183142	0271	-	F	Correction of typos in 7.1.8	15.2.0
2018-12	CT#82	CP-183139	0272	-	F	Extend the scope of 31.121 to cover 5G aspects	15.2.0
2018-12	CT#82	CP-183142	0273	1	F	Modification of test requirements for UICC re-activation/re-initialisation during PSM and eDRX	15.2.0

2019-03	CT#83	CP-190046	0274	-	F	Applicability update of TC 7.2.7	15.3.0
2019-06	CT#84	CP-191014	0276	-	F	Correction to test case 10.1.6	15.4.0
2019-06	CT#84	CP-191014	0275	1	F	Correction to test case 11.4	15.4.0
2019-06	CT#84	CP-191017	0277	1	B	Introduction of Handling subscription identifier privacy for 5G related test cases	15.4.0
2019-09	CT#85	CP-192018	0283	2	B	Introducing 5G-NG TCs 5.3.1 and 5.3.2 for UE identification by SUCI during initial registration	15.5.0
2019-09	CT#85	CP-192017	0278	1	F	Corrections to 5G-NG TC 5.3.4	15.5.0
2019-09	CT#85	CP-192017	0279	2	F	Corrections to 5G-NG TC 5.3.5	15.5.0
2019-09	CT#85	CP-192017	0280	2	F	Corrections to 5G-NG TC 5.3.6	15.5.0
2019-09	CT#85	CP-192017	0281	1	F	Update of 5G-NG TC 5.3.8	15.5.0
2019-09	CT#85	CP-192017	0282	1	F	Corrections to 5G-NG TC 5.3.9	15.5.0
2019-12	CT#86	CP-193073	0294	1	F	Improvement of definitions	15.6.0
2019-12	CT#86	CP-193074	0285	2	B	Introducing SUCI calculation by USIM testcase 5.3.3	15.6.0
2019-12	CT#86	CP-193074	0286	2	B	Introducing SUCI calculation by USIM testcase 5.3.7	15.6.0
2019-12	CT#86	CP-193074	0287	2	B	Introducing Universal Access Control testcase 5.4.1	15.6.0
2019-12	CT#86	CP-193074	0288	2	B	Introducing Universal Access Control test case 5.4.2	15.6.0
2019-12	CT#86	CP-193073	0300	-	D	Correction of clause numbering in TC 5.4.2	15.6.0
2019-12	CT#86	CP-193074	0289	1	B	Enhance SUCI calculation testcase 5.3.5 to ensure UE uses correct identity amongst the multiple available	15.6.0
2019-12	CT#86	CP-193074	0290	1	F	Correction of EFIMSI for the default 5G-NR UICC	15.6.0
2019-12	CT#86	CP-193074	0291	1	F	Correction of TC 5.3.1	15.6.0
2019-12	CT#86	CP-193074	0292	1	F	Correction of TC 5.3.2	15.6.0
2019-12	CT#86	CP-193074	0293	-	F	Update of case applicability for TC 5.3.x	15.6.0
2019-12	CT#86	CP-193074	0295	2	F	Align wording of TC 5.3.1 with 3GPP TS 31.102	15.6.0
2019-12	CT#86	CP-193074	0296	3	F	Align wording of TC 5.3.2 with 3GPP TS 31.102	15.6.0
2019-12	CT#86	CP-193074	0297	3	F	Align wording of TC 5.3.7 with 3GPP TS 31.102	15.6.0
2019-12	CT#86	CP-193074	0298	2	F	Adding 5GS_Ph1 test cases to Applicability Table where missed in the initial CR	15.6.0
2019-12	CT#86	CP-193074	0299	1	D	Addition of 5G specific abbreviations	15.6.0
2019-12	CT#86	CP-193074	0302	1	B	Introducing Universal Access Control test case 5.4.5	15.6.0
2019-12	CT#86	CP-193074	0303	1	B	Introducing Universal Access Control test case 5.4.8	15.6.0
2019-12	CT#86	CP-193074	0304	1	B	Introducing Universal Access Control test case 5.4.9	15.6.0
2019-12	CT#86	CP-193074	0305	1	B	Introducing test case 5.3.11, SUCI calculation by ME using Profile A	15.6.0
2020-03	CT#87e	CP-200084	0306	2	B	Introduction of Authentication procedure and NAS security context handling for 5G test cases	15.7.0
2020-03	CT#87e	CP-200084	0307	2	B	Introducing Universal Access Control test case 5.4.3	15.7.0
2020-03	CT#87e	CP-200084	0308	1	F	Title update of test case 5.3.10	15.7.0
2020-03	CT#87e	CP-200084	0309	2	F	Update of default content of EFSUCI_Calc_Info	15.7.0
2020-03	CT#87e	CP-200084	0310	1	F	Order update of Protection Scheme Identifier in TC 5.3.11	15.7.0
2020-03	CT#87e	CP-200084	0314	-	F	Correct the length of 'A1' for EFSUCI_Calc_Info in 4.9.4	15.7.0
2020-03	CT#87e	CP-200084	0315	-	B	Introduction test case – 5.3.x , UE identification by SUCI during initial registration, SUCI calculation by USIM using profile A	15.7.0
2020-03	CT#87e	CP-200084	0316	-	F	Correct the length of 'A1' for EFSUCI_Calc_Info in 5.3.1	15.7.0
2020-03	CT#87e	CP-200084	0317	1	B	Introducing a test case, SUCI calculation by ME using null scheme – no Protection Scheme Identifier provisioned in the USIM	15.7.0
2020-03	CT#87e	CP-200084	0318	1	B	Introducing a test case, SUCI calculation by ME using null scheme – no Home Network Public Key for supported protection scheme provisioned in the USIM	15.7.0
2020-03	CT#87e	CP-200084	0319	-	B	Introducing a test case, SUCI calculation by ME using null scheme with the E-UTRAN/EPC UICC	15.7.0
2020-03	CT#87e	CP-200084	0320	-	B	Introducing Universal Access Control test case 5.4.6	15.7.0
2020-03	CT#87e	CP-200084	0321	2	B	Introducing test case, SUCI calculation by ME using the lower priority protection scheme when the higher priority protection scheme is not supported by the ME	15.7.0
2020-06	CT#88e	CP-201143	0311	3	C	Correction of UICC interface during eDRX tests	15.8.0
2020-06	CT#88e	CP-201143	0343	2	F	Correction of IMSI in the default 5G-NR UICC	15.8.0
2020-06	CT#88e	CP-201151	0312	4	D	Correction of incorrectly coded EF_ACC bytes in TC 5.4.9	15.8.0
2020-06	CT#88e	CP-201151	0313	2	D	Correction of incorrect numbering in TC 5.4.1	15.8.0
2020-06	CT#88e	CP-201151	0322	1	F	Adding a default UICC profile to the initial conditions of 5.4.x test cases	15.8.0
2020-06	CT#88e	CP-201151	0323	1	B	Introduction test case – 5.5.1 – Display of 5G Operator PLMN name from USIM	15.8.0
2020-06	CT#88e	CP-201151	0324	1	B	Introduction test case – 5.5.2 – Display of 5G Operator PLMN name from ME	15.8.0
2020-06	CT#88e	CP-201151	0325	1	C	Correction of Initial conditions of TC 5.4.3 and 5.4.6	15.8.0
2020-06	CT#88e	CP-201151	0326	2	B	Introduction of test 5.4.4 - UAC - Access Identity 1 – no MPS indication by USIM and SUPI is changed	15.8.0
2020-06	CT#88e	CP-201151	0327	2	B	Introduction of test 5.4.7 - UAC - Access Identity 2 – no MCS indication by USIM and SUPI is changed	15.8.0
2020-06	CT#88e	CP-201151	0328	3	B	Introduction of tests 15.1.1 to 15.1.4 - Authentication procedure for EAP-AKA'	15.8.0

2020-06	CT#88e	CP-201151	0330	3	F	Clarification to test cases 5.3.5	15.8.0
2020-06	CT#88e	CP-201151	0337	1	F	Correction test case – 5.3.16 – SUCI calculation by ME using the lower priority protection scheme when the higher priority protection scheme is not supported by the ME	15.8.0
2020-06	CT#88e	CP-201151	0338	1	F	Correction of EF_SUCI_Calc_Info in the 5G-NR UICC	15.8.0
2020-06	CT#88e	CP-201151	0339	-	F	Correction of EF_SUCI_Calc_Info in test case 5.3.1	15.8.0
2020-06	CT#88e	CP-201151	0340	-	F	Correction of the Home Network Public Key used in test case 5.3.3	15.8.0
2020-06	CT#88e	CP-201151	0341	-	F	Correction of the Home Network Public Key 2 used in test case 5.3.11	15.8.0
2020-06	CT#88e	CP-201151	0342	-	B	Introduction new test case 5.3.x - SUCI calculation by by ME using Profile B with compressed Home Network Public Key	15.8.0
2020-06	CT#88e	CP-201151	0344	2	F	Clarification to several test cases	15.8.0
2020-06	CT#88e	CP-201151	0345	-	F	Correction to Test Case 5.3.4	15.8.0
2020-06	CT#88e	CP-201151	0347	1	F	Correction test case – 5.3.9 UE identification by 5G-GUTI – Last Registered TAI stored by ME	15.8.0
2020-06	CT#88e	CP-201151	0348	1	F	Correction test case – 5.3.10 UE identification after SUPI is changed	15.8.0
2020-06	CT#88e	CP-201151	0349	1	F	Correction to testcase 5.3.8: UE identification by 5G-GUTI – Last Registered TAI stored on USIM	15.8.0
2020-06	CT#88e	CP-201145	0329	2	F	Update the scope of 31.121 to cover 5G aspects	15.8.0
2020-06	CT#88e	CP-201145	0346	1	F	Correction to handling of 5G timers in 5G test cases	15.8.0
2020-06	CT#88e	CP-201333	0332	6	C	Correction of minor issues in 15.2.x test cases	15.8.0
2020-09	CT#89	CP-202134	0351	1	F	Corrections to authentication procedure for EAP-AKA' test cases	15.9.0
2020-09	CT#89	CP-202134	0352	1	F	Corrections to authentication procedure for 5G AKA test cases	15.9.0
2020-09	CT#89	CP-202134	0360	1	F	Modify Test Case 5.3.7	15.9.0
2020-09	CT#89	CP-202134	0361	1	F	Update of test case 5.3.5	15.9.0
2020-09	CT#89	CP-202134	0362	1	F	Update of test case 5.3.6	15.9.0
2020-09	CT#89	CP-202134	0363	2	F	Update of test case 5.3.9	15.9.0
2020-09	CT#89	CP-202134	0364	1	F	Update of test case 5.4.x	15.9.0
2020-09	CT#89	CP-202134	0367	1	F	Update of test case 5.5.x	15.9.0
2020-09	CT#89	CP-202134	0369	1	F	Correction Test case – 5.3.15 – SUCI calculation by ME using null scheme with the E-UTRAN/EPC UICC	15.9.0
2020-09	CT#89	CP-202134	0372	2	B	Introducing Universal Access Control test case 5.4.11 for Operator-defined Access categories	15.9.0
2020-09	CT#89	CP-202134	0374	2	B	Introducing Universal Access Control test case 5.4.12 for Operator-defined Access categories	15.9.0
2020-09	CT#89	CP-202134	0376	-	F	Correction to coding of AC 14 in the Universal Access Control test case 5.4.9	15.9.0
2020-09	CT#89	CP-202134	0378	1	F	Clarification to test case 5.3.1 SUCI calculation by ME using null scheme	15.9.0
2020-09	CT#89	CP-202134	0380	1	B	Introducing Universal Access Control test case 5.4.10 for Operator-defined Access categories	15.9.0
2020-12	CT#90	CP-303090	0381	-	F	Correction to Test Case 5.3.12	15.10.0
2020-12	CT#90	CP-303090	0383	-	F	Corrections to the Rel-15 applicability table	15.10.0
2020-12	CT#90	CP-303090	0393	-	F	Corrections to UAC ODAC TC 5.4.x	15.10.0
2020-12	CT#90	CP-303090	0395	-	F	Correction of TC 5.3.8	15.10.0
2020-12	CT#90	CP-303090	0440	-	F	Corrections to 5.3.7 (exceptions noted in Initial Conditions)	15.10.0
2020-12	CT#90	CP-303091	0385	-	F	Corrections to CSG TC 10.2.1	15.10.0
2020-12	CT#90	CP-303091	0387	-	F	Corrections to PLMN TC 7.2.3	15.10.0
2020-12	CT#90	CP-303091	0389	-	F	Corrections to NAS security TC 11.x	15.10.0
2020-12	CT#90	CP-303091	0391	-	F	Correction of EF_EPSNSC in clause 4.4.8 and 4.8.8	15.10.0
2020-12	CT#90	CP-303094	0397	-	D	Update of 3GPP TS 31.121 to Rel-16	15.10.0

History

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