ETSI TS 131 121 V9.6.0 (2011-07)

Technical Specification

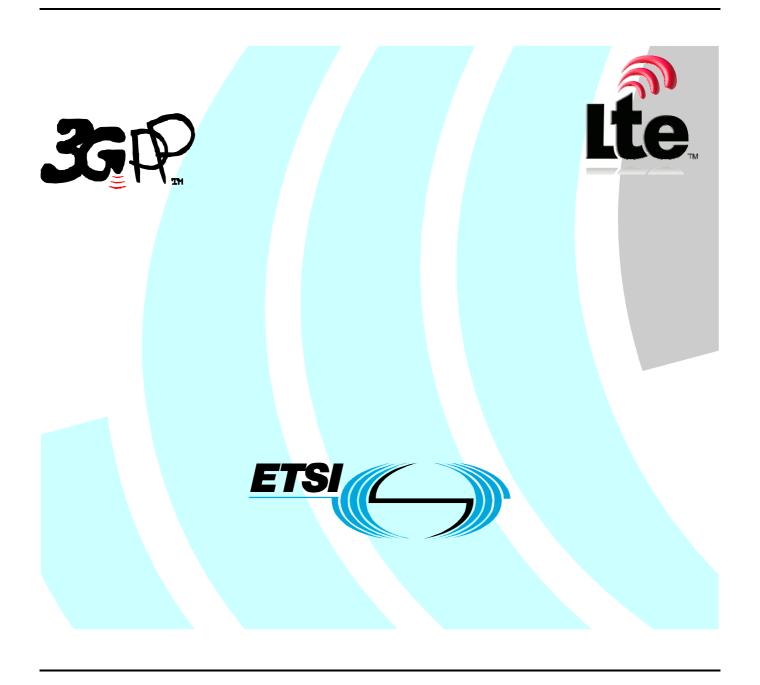## Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 9.6.0 Release 9)

Reference

RTS/TSGC-0631121v960

Keywords

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Foreword

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Contents

Foreword

This Technical Specification (TS) 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:

>> x   the first digit:

>>> 1   presented to TSG for information;

>>> 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.

1 Scope

The present document provides the UICC –Terminal Interface Conformance Test Specification between a 2G, 3G or 3G E-UTRAN terminal and the USIM (Universal Subscriber Identity Module) as an application on the UICC and the Terminal for a 2G, 3G or 3G E-UTRAN 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 subclauses 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.

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] - [33]   Void[34] 3GPP TS 31.121, Rel-10 "UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification"

3 Definitions, symbols, abbreviations and coding

Void

4 Requirements

The requirements of the present document are provided in 3GPP TS 31.121 [34].

Annex A (informative): Change history

TSG #	TSG TD#	WG TD#	CR	Rev	Cat	Subject/Comment	Old	New
CT-28	CP-050139	C6-050394	068	-	B	Introduction of BCD number/ SSC content extension tests	-	6.0.0
CT-28	CP-050139	C6-050396	072	-	B	Introduction of ACL tests	-	6.0.0
CT-28	CP-050139	C6-050436	073	-	B	Introduction of SDN tests	-	6.0.0
CT-28	CP-050139	C6-050452	074	-	B	Introduction of phonebook selection/ local phonebook handling test	-	6.0.0
CT-29	CP-050325	C6-050658	080	-	A	Incorrect PUK2 value used in TC 6.1.6	6.0.0	6.1.0
CT-29	CP-050325	C6-050711	088	-	A	Incorrect value used for EF SMS in TC 8.2.2	6.0.0	6.1.0
CT-29	CP-050331	C6-050654	076	-	A	Incorrect MCC value used in TC 7.4.1	6.0.0	6.1.0
CT-29	CP-050336	C6-050706	083	-	F	Clarification of BCD number/ SSC content extension tests	6.0.0	6.1.0
CT-29	CP-050336	C6-050700	081	-	F	Numbering and minor corrections	6.0.0	6.1.0
CT-30	CP-050494	C6-050853	090	-	F	CR to create combined R99 – Rel-6 version	6.1.0	6.2.0
CT-31	CP-060020	C6-060178	095	-	F	Essential correction of TC 7.2.1	6.2.0	6.3.0
CT-31	-	-	-	-	-	Update of Change History by TB Officer	6.3.0	6.3.1
CT-32	CP-060285	C6-060224	0096	-	F	Essential correction of acceptance criteria in 6.1.3.5 and 6.1.4.5	6.3.1	6.4.0
CT-32	CP-060286	C6-060231	0097	-	F	Essential corrections on ACL TC 9.1.1	6.3.1	6.4.0
CT-33	CP-060507	C6-060517	0098	1	F	Essential corrections on Applicability table	6.4.0	6.5.0
CT-34	CP-060543	C6-060792	0099	1	F	Essential corrections to 8.1.2	6.5.0	6.6.0
CT-34	CP-060543	C6-060793	0100	1	F	Essential correction of EF PLMNwACT coding	6.5.0	6.6.0
CT-35	CP-070064	C6-070098	0101	1	F	Essential correction of UICC presence detection test	6.6.0	6.7.0
CT-36	-	-	-	-	-	Update to Rel-7 version (MCC)	6.7.0	7.0.0
CT-37	CP-070617	C6-070368	0103	-	F	Essential correction of Location Area Information parameter in test 7.3	7.0.0	7.1.0
CT-37	CP-070617	C6-070369	0104	-	F	Essential correction of the applicability of tests 6.4.2, 6.4.3, 6.4.4	7.0.0	7.1.0
CT-38	CP-070846	C6-070526	0105	-	F	Essential correction on test case 7.1.2	7.1.0	7.2.0
CT-38	CP-070846	C6-070567	0106	1	C	Introduction of Rel-7 test case applicability	7.1.0	7.2.0
CT-38	CP-070846	C6-070568	0107	1	F	Essential correction of Location Updating Accept/ Attach Accept parameters in 7.1.1	7.1.0	7.2.0
CT-38	CP-070846	C6-070569	0108	1	F	Essential correction of network parameters and acceptance criteria in 7.4.1	7.1.0	7.2.0
CT-38	CP-070846	C6-070581	0109	1	F	Correction of reference to 3GPP TS 23.140	7.1.0	7.2.0
CT-39	CP-080171	C6-080017	0110	-	F	Sequence indication error in 7.1.2.4.2 fixed after wrong implementation of CR 0105	7.2.0	7.3.0
CT-39	CP-080171	C6-080065	0111	1	F	Essential correction to Access Class Barred IE coding in tables 5-1a and 5-1b	7.2.0	7.3.0
CT-40	CP-080387	C6-080103	0112	-	F	Essential correction to network simulator configuration in test 5.2.1	7.3.0	7.4.0
CT-40	CP-080387	C6-080104	0113	-	F	Essential correction to test 7.3.1	7.3.0	7.4.0
CT-40	CP-080387	C6-080167	0114	1	F	Essential correction of the test case applicability for terminals not supporting speech calls	7.3.0	7.4.0
CT-41	CP-080587	C6-080240	0115	-	F	Essential correction of TC 8.4 applicability	7.4.0	7.5.0
CT-42	------	------	-	-	-	Upgrade to copyright, keywords and logo for LTE	7.5.0	8.0.0
CT-43	CP-090458	C6-090177	0116	1	B	Definition of LTE™ tests	8.0.0	8.1.0
CT-43	CP-090458	C6-090132	0118	-	B	Definition of clause 7.2, 7.3 and 7.4 LTE™ tests	8.0.0	8.1.0
CT-43	CP-090458	C6-090179	0119	1	F	Clarification of class 2 SMS test	8.0.0	8.1.0
CT-43	CP-090458	C6-090187	0120	2	F	Clarification of PIN MMI string test	8.0.0	8.1.0
CT-45	CP-090717	C6-090234	0121	1	B	Definition of CSG related test cases for E-UTRA	8.1.0	8.2.0
CT-45	CP-090717	C6-090320	0122	1	B	Definition of EPS NAS Security Context cases for E-UTRA/EPC	8.1.0	8.2.0
CT-45	CP-090717	C6-090208	0123		F	Essential correction of test 6.1.12	8.1.0	8.2.0
CT-45	CP-090717	C6-090322	0124	1	F	Correction of tests 7.4.2 and 7.4.4	8.1.0	8.2.0
CT-45	CP-090717	C6-090321	0126	1	B	Definition of CSG related test cases for E-UTRA, Part 2	8.1.0	8.2.0
CT-45	CP-090717	C6-090236	0127		F	Essential corrections on LTE related test cases	8.1.0	8.2.0
CT-46	CP-090997	C6-090405	0130		F	Correction of EF UST in clause 4.4.1	8.2.0	8.3.0
CT-46	CP-090998	C6-090463	0133	1	F	Editorial correction of the naming of RRCConnectionRequest	8.2.0	8.3.0
CT-46	CP-090998	C6-090484	0131	3	F	Definition of the UICC presence detection test when connected to E-UTRAN/EPC	8.2.0	8.3.0
CT-46	CP-090998	C6-090485	0132	3	F	Definition of ACL related test cases for E-UTRA	8.2.0	8.3.0

CT-46	CP-090998	C6-090499	0135		F	Update of CGS list tests	8.2.0	8.3.0
CT-46	-	-	-	-	-	Upgrade of the specification to Rel-9	8.3.0	9.0.0
CT-47	CP-100195	C6-100071	0139	1	D	Editorial modifications about missing section numbers	9.0.0	9.1.0
CT-47	CP-100193	C6-100029	0137	-	F	Introduction of Rel-9 applicability and applicability table corrections	9.0.0	9.1.0
CT-48	CP-100394	C6-100211	0141		F	Essential correction of Unblock Universal PIN value description in 4.1.1.21	9.1.0	9.2.0
CT-48	CP-100394	C6-100256	0140	1	F	Essential correction to applicability table	9.1.0	9.2.0
CT-48	CP-100394	C6-100278	0143	1	F	Essential corrections on the initial conditions of E-UTRAN related test cases	9.1.0	9.2.0
CT-48	CP-100394	C6-100279	0144		F	Correction of inconsistent terminology for E-UTRAN-related elements	9.1.0	9.2.0
CT-49	CP-100589	C6-100413	0147	1	F	Addition of CSG Type and Home NodeB Name display test	9.2.0	9.3.0
CT-49	CP-100590	C6-100376	0146	1	F	Essential corrections on E-UTRAN / EPC related test cases	9.2.0	9.3.0
CT-49	CP-100592	C6-100392	0145	1	F	Update of references	9.2.0	9.3.0
CT-50	CP-100831	C6-100597	0150	1	F	Correction of incorrect Expected IMSI value in TC 5.1.8 acceptance criteria	9.3.0	9.4.0
CT-50	CP-100831	C6-100604	0151	1	F	Addition of LTE-related services to EF_UST in LTE test cases	9.3.0	9.4.0
CT-50	CP-100830	C6-100620	0148	1	B	Definition of E-UTRAN/EPC ISIM-UICC for ISIM related testing	9.3.0	9.4.0
CT-51	CP-110264	C6-110196	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	9.4.0	9.5.0
CT-51	CP-110232	C6-110115	0154	7	B	Introduction of ISIM related SMS tests	9.4.0	9.5.0
CT-51	CP-110232	C6-110116	0155		B	Introduction of ISIM and USIM related SMS reading test	9.4.0	9.5.0
CT-51	CP-110264	C6-110197	0156	1	F	Essential correction on TC 5.1.10	9.4.0	9.5.0
CT-52	CP-110501	C6-110283	0160	1	F	Rel-9 content replacement by reference to TS 31.121, Rel-10	9.5.0	9.6.0

History

Document history		
V9.0.0	January 2010	Publication
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