



**Universal Mobile Telecommunications System (UMTS);
LTE;
Universal Subscriber Identity Module (USIM)
conformance test specification
(3GPP TS 31.122 version 17.4.0 Release 17)**



Reference

RTS/TSGC-0631122vh40

Keywords

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Modal verbs terminology

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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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:

- 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.

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.

1 Scope

The present document provides the Conformance Test Specification for a Universal IC Card (UICC) defined in TS 31.101 [2] with Universal Subscriber Identity Module (USIM) defined in TS 31.102 [3].

2 Normative 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 to a non-3GPP document, the latest version applies.
- For a non-specific reference to a 3GPP document, the latest version in the same release as the implementation release of the UICC under test applies.

[1] Void

[2] 3GPP TS 31.101: "UICC-Terminal Interface; Physical and Logical Characteristics".

[3] 3GPP TS 31.102: "Characteristics of the USIM application".

[4] to [20] Void

[21] 3GPP TS 31.122: Rel-18: "Universal Subscriber Identity Module (USIM) conformance test specification"

3 to 8 Specification contents

The Definitions, Test Environment and Test Procedures of the present document are provided in 3GPP TS 31.122 [21]

Annex A (informative): Change history

Change history							
Date	Meeting	TDoc	CR	R ev	Cat	Subject/Comment	New version
2000-12	TP-10	TP-000206	-	-	-	Final draft was approved at TSG-T #10	3.0.0
2001-12	TP-10	TP-010247	001	-	F	Corrections	3.1.0
2001-12	TP-10	TP-010247	004	1	F	Change test for TLV DO with tag '82' and '83'	3.1.0
2002-03	TP-15	TP-020067	005	-	F	Removal of an invalid transfer protocol test case	3.2.0
2002-03	TP-15	TP-020067	006	-	F	Corrections	3.2.0
2002-06	TP-16	TP-020118	007	-	F	General Corrections	3.3.0
2002-06	TP-16	TP-020118	008	-	F	Removal of test for use of procedure byte '61xx' for case 2 commands	3.3.0
2002-09	TP-17	TP-020216	009	-	F	Expected remainder of returned data string	3.4.0
2002-09	TP-17	TP-020216	010	-	F	Corrections and Clarifications	3.4.0
2002-09	TP-17	TP-020216	011	-	F	Correction of error in read binary test case for T=0	3.4.0
2002-09	TP-17	TP-020216	012	-	F	Alignment of conformance requirement due to CR 088 on TS 102 221	3.4.0
2002-09	TP-17	TP-020216	013	-	F	Correction of case 3/case 4 command tests in case of wrong P1-P2.	3.4.0
2002-12	TP-18	TP-020287	014	-	F	Correction of test of Read Record on Linear Fixed EF and T=1 test	3.5.0
2003-03	TP-19	TP-030029	015	-	F	Correction to the returned FCP of the SELECT and the STATUS command	3.6.0
2003-12	TP-22	TP-030256	016	-	D	Editorial Corrections	3.7.0
2004-12	TP-26	TP-040264	017	-	F	Correction of non specific references	3.8.0
2004-12	TP-26	-	-	-	-	Upgrade to Rel-4	4.0.0
2005-06	CT-28	CP-050136	018	-	A	Correction of ISO/IEC 7816 Series References	4.1.0
2005-06	CT-28	CP-050136	020	-	A	ISO/IEC 7811 Series Revision	4.1.0
2005-09	CT-29	CP-050337	021	-	F	CR to TS 31.122, Release 4: Creation of a Release 6 Version of TS 31.122	6.0.0
2006-03	CT-31	CP-060158	022	1	F	Essential Corrections to many test cases, which would cause the USIM to fail essential tests	6.1.0
2006-09	CT-33	CP-060477	0023	2	F	Updates to Physical characteristics tests	6.2.0
2006-09	CT-33	CP-060477	0032	1	F	Updates based on changes to 31.102	6.2.0
2006-09	CT-33	CP-060477	0026	2	F	Updates to Protocol Tests	6.2.0
2006-09	CT-33	CP-060477	0031	1	F	Refinement of tests for shareable files	6.2.0
2006-09	CT-33	CP-060477	0027	1	F	Removal of Test Groups	6.2.0
2006-09	CT-33	CP-060477	0029	1	F	Addition of tests for current file after application session termination	6.2.0
2006-09	CT-33	CP-060477	0030	3	F	Addition of tests for 31.101	6.2.0
2006-11	CT-34	CP-060726	0028	5	F	Addition of tests for BER-TLV structure files and Data Oriented commands	6.3.0
2006-11	CT-34	CP-060726	0029	-	F	Addition of tests for (F, D) = (512, 64) and introduction of Test Cases related to Low Impedance Drivers	6.3.0
2007-03	CT-35	CP-070061	0036	2	F	Creation of combined R99 – Rel-6 version, by addition of applicability tables	6.4.0
2007-06	-	-	-	-	-	Update to Rel-7 version (MCC)	7.0.0
2007-09	CT-37	CP-070618	0037	-	F	Addition of applicability column for Rel-7	7.1.0
2007-09	CT-37	CP-070618	0039	1	F	Essential corrections to various tests	7.1.0
2007-09	CT-37	CP-070618	0040	1	F	Correction to test for Reservation of file IDs	7.1.0
2007-09	CT-37	CP-070618	0041	1	F	Replacement of EF _{SMS} with EF _{ECC} for SEARCH RECORD (SFI) test	7.1.0
2007-09	CT-37	CP-070618	0046	1	F	Essential correction of FCP content in test 6.8.1.2	7.1.0
2009-03	CT-42					Upgraded without technical change to Rel-8	8.0.0
2009-04						Update history box	8.0.1
2009-12	CT-46					Upgraded without technical change to Rel-9	9.0.0
2010-09	CT-49	CP-100588	0049	1	F	Essential correction of SET DATA, Delete Tag test case	9.1.0
2010-12	CT-50	CP-100832	0050	1	F	Correction to RETRIEVE DATA test sequence	9.2.0
2010-12	SP-51					Upgraded without technical change to Rel-10	10.0.0
2012-09	SP-57					Upgraded without technical change to Rel-11	11.0.0
2013-06	CT-60	CP-130369	0051	1	F	Correction of a misleading note for threshold measurements on contact C3 (CLK).	11.1.0
2014-10	SP-65					Upgraded without technical change to Rel-12	12.0.0
2015-12	CT-70	CP-150828	0056	3	F	Specify the status condition returned if search pattern can not be found in any of the records	13.0.0
2017-03	SA-75	-	-	-	-	Update to Rel-14 version (MCC)	14.0.0
2018-06	CT-80	CP-181155	0057	-1	F-	Remove platform related testcases from 31.122 as they are added to ETSI specification 102.230-2.	15.0.0
2019-06	CT-84	CP-191015		1	F	Add missing Rel-8 onwards applicability in the applicability table	15.1.0
2019-06	CT-84	CP-191019		3	B	Extend the scope of 31.122 to cover USIM Command GET IDENTITY	15.1.0
2020-06	CT#88e	CP-201150	0065	1	B	Update test case of 7.3.3 GET IDENTITY	15.2.0
2020-07	SA-89e	-	-	-	-	Update to Rel-16 version (MCC)	16.0.0
2020-09	CT#89e	CP-202130	0066	1	A	Update of spec. reference	16.1.0
2020-12	CT#90e	CP-203093	0068	1	F	Correction of a reference to ETSI TS 102 230-2	16.2.0
2021-06	CT#92e	CP-211099	0070	-	F	Correction of test case 7.3.3	16.3.0
2022-04	-	-	-	-	-	Update to Rel-17 version (MCC)	17.0.0

2022-06	CT#96	CP-221171	0073	-	D	Correction of the Applicability table	17.1.0
2022-06	CT#96	CP-221171	0074	1	F	Simplification of TS 31.122	17.1.0
2023-06	CT#100	CP-231103	0075	1	F	Correction of the applicability table B.1	17.2.0
2023-06	CT#100	CP-231103	0076	1	F	Correction of test 7.3.3	17.2.0
2023-09	CT#101	CP-232138	0078	1	B	Update the TC of Contents of the Elementary Files in 31.122	17.3.0
2025-06	CT#108	CP-251010	0086	-	D	31.122 - invalidating Rel 17 version of 31.122	17.4.0

History

Document history		
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V17.3.0	September 2023	Publication
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