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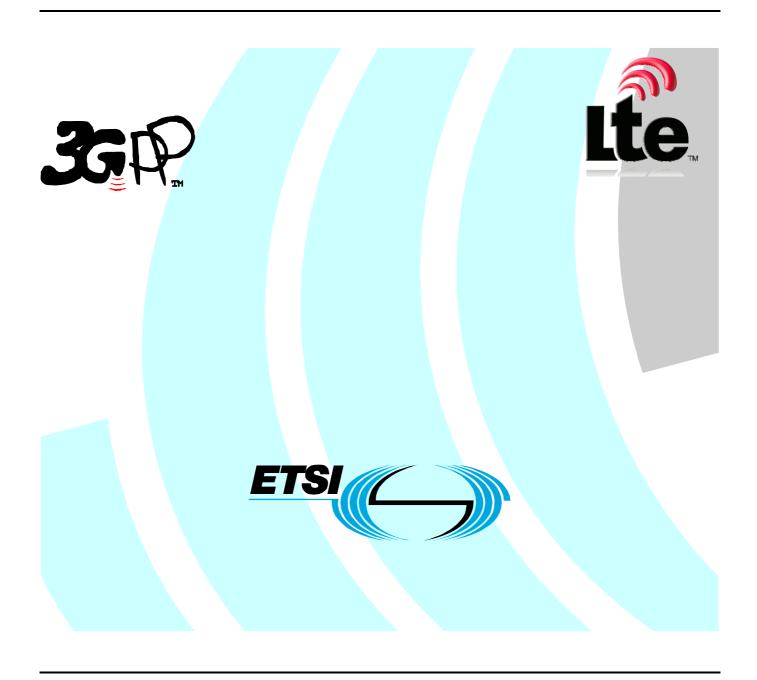
Technical Specification

Universal Mobile Telecommunications System (UMTS);

LTE;

UICC-terminal interface;

Physical, electrical and logical test specification (3GPP TS 31.120 version 8.1.0 Release 8)



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Contents

Intell	ectual Property Rights		2			
Forev	vord		2			
Forev	vord		4			
Intro	duction		4			
1	Scope		5			
2	References		5			
3	Definitions, symbols, a	abbreviations and coding	5			
4	Physical Characteristic	Tests	5			
5	Electrical Characteristic Tests					
6	Initial Communication Tests					
7	Transmission Protocol Tests					
8	Application independe	nt procedures	6			
Anne	ex A (normative):	UICC simulator functional requirement	7			
Anne	ex B (informative):	Change history	8			
Histo	rv		9			

Foreword

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where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
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- 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.

Introduction

The present document defines the interface tests for the Terminal / UICC interface.

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.

Application specific tests for applications residing on an UICC are specified in document TS 31.121 [2].

1 Scope

The present document specifies the interface test for the Terminal / UICC.

The present document specifies the tests of:

- physical characteristics of the UICC;
- the electrical interface between the UICC and the Terminal;
- the initial communication establishment and the transport protocols;
- the application independent procedures.

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.
- [1] ETSI TS 102 230 V7.0.0: "Smart cards; UICC-Terminal interface; Physical, electrical and logical test specification".
- [2] 3GPP TS 31.121: "UICC-terminal interface; USIM Application Test Specification".

3 Definitions, symbols, abbreviations and coding

All definitions, symbols, abbreviations and coding conventions applicable to the terminal are specified in ETSI TS 102 230 [1].

4 Physical Characteristic Tests

All tests within the scope of this clause are specified in ETSI TS 102 230 [1].

5 Electrical Characteristic Tests

All tests within the scope of this clause are specified in ETSI TS 102 230 [1].

6 Initial Communication Tests

All tests within the scope of this clause are specified in ETSI TS 102 230 [1].

7 Transmission Protocol Tests

All tests within the scope of this clause are specified in ETSI TS 102 230 [1].

8 Application independent procedures

All tests within the scope of this clause are specified in ETSI TS $102\ 230\ [1]$.

Annex A (normative): UICC simulator functional requirement

All requirements within the scope of this clause are specified in ETSI TS 102 230 [1].

Annex B (informative): Change history

Change history											
Date	TSG#	TSG Doc	CR	Rev	Cat	Subject/Comment	Old	New			
2000-12	TP-10	TP-000204				Final draft was approved at TSG-T #10	2.0.0	3.0.0			
2004-12	TP-26	TP-040262	001		F	Alignment to ETSI TS 102 230	3.0.0	3.1.0			
2004-12	TP-26					Upgrade to Rel-6	5.0.0	6.0.0			
2007-06	CT-36	-	-	-	-	Upgrade to Rel-7 (MCC)	6.0.0	7.0.0			
2008-12	CT-42	-	-	-	-	Upgrade to Rel-8 + addition of LTE logo	7.0.0	8.0.0			
2009-12	CT-46	CP-091011	002	1	F	References update	8.0.0	8.1.0			

History

Document history							
V8.0.0	March 2009	Publication					
V8.1.0	January 2010	Publication					