

# ETSI TS 131 120 V8.0.0 (2009-03)

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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 8.0.0 Release 8)**

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Reference

RTS/TSGC-0631120v800

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Keywords

LTE, UMTS

**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  
Sous-Préfecture de Grasse (06) N° 7803/88

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## Foreword

This Technical Specification (TS) has been produced by the 3<sup>rd</sup> Generation Partnership Project (3GPP).

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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.

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## 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].

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# 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.

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# 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 Release 5: "Smart cards; UICC-Terminal interface; Physical, electrical and logical test specification".

NOTE: Reference [1] has to be changed to Release 6 or Release 7 as soon the Release 6 or Release 7 version is created.

[2] 3GPP TS 31.121: "UICC-terminal interface; USIM Application Test Specification".

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# 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].

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# 4 Physical Characteristic Tests

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

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# 5 Electrical Characteristic Tests

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

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# 6 Initial Communication Tests

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

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## 7 Transmission Protocol Tests

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

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## 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].



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## 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

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# History

<b>Document history</b>		
V8.0.0	March 2009	Publication