

# ETSI TS 100 607-1 V5.12.0 (2001-09)

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*Technical Specification*

**Digital cellular telecommunications system (Phase 2+);  
Mobile Station (MS) conformance specification;  
Part 1: Conformance specification  
(3GPP TS 11.10-1 version 5.12.0 Release 1996)**

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**GSM**®  
GLOBAL SYSTEM FOR  
MOBILE COMMUNICATIONS

**3GPP**

**ETSI** 

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Reference

RTS/TSGG-041110QR10-1

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Keywords

GSM

**ETSI**

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## Foreword

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

The present document may refer to technical specifications or reports using their 3GPP identities, UMTS identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables.

The cross reference between GSM, UMTS, 3GPP and ETSI identities can be found under [www.etsi.org/key](http://www.etsi.org/key).

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# Foreword

This Technical Specification has been produced by the 3<sup>rd</sup> 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.

3GPP TS 11.10 consists of four parts, which have the following ETS numbers and titles:

**3GPP TS 11.10-1 Part 1: Conformance specification**

3GPP TS 11.10-2 Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

3GPP TS 11.10-3 Part 3: Layer 3 (L3) Abstract Test Suite (ATS)

3GPP TS 11.10-4 Part 4: SIM Application Toolkit conformance specification

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# 1 Scope

The present document describes the technical characteristics and methods of test for Mobile Stations (MS), for the pan-European digital cellular communications system and Personal Communication Systems (PCS) operating in the 900 MHz and 1 800 MHz band (GSM 900 and DCS 1 800), standardized by ETSI Technical Committee Special Mobile Group (SMG).

A subset of the tests is referenced in the GSM Common Technical Regulations (CTRs) and is used for regulatory conformance testing according to the EEC procedures for Telecommunications Terminal Equipment (TTE) type approval (EC Directive 91/263/EEC; also known as the "Terminal Directive" or "Second Phase Directive"). The remaining tests can be used to verify conformance with the GSM core technical specifications for those requirements that are not considered "essential" in the sense of the EC Directive 91/263/EEC (Article 4).

The present document covers the minimum characteristics considered necessary in order to provide sufficient performance for mobile equipment and to prevent interference to other services or to other users, and to the PLMNs.

It does not necessarily include all the characteristics which may be required by a user or subscriber, nor does it necessarily represent the optimum performance achievable.

It applies to the public land mobile radio service in the GSM 900 and DCS 1 800 systems, using constant envelope modulation and operating on radio frequencies in the 900 and 1 800 MHz bands respectively with a channel separation of 200 kHz and carrying 8 full rate channels or 16 half rate channels per carrier according to the TDMA principle.

The present document is part of the GSM-series of technical specifications. The present document neither replaces any of the other GSM technical specifications or GSM related TSs, nor is it created to provide full understanding of (or parts of) the GSM 900 and DCS 1 800 systems. The present document lists the requirements, and provides the methods of test for testing a MS for conformance to the GSM standard.

For a full description of the system, reference should be made to all the GSM technical specifications. Clause 2 provides a complete list of the GSM technical specifications, GSM related TSs, and TRs, on which this conformance test specifications is based.

The present document applies to the unit which includes the hardware to establish a connection across the radio interface.

If there is a difference between this conformance test TS, and any other GSM technical specification, then the other GSM technical specification shall prevail.

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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] to [108] (void)

[109] 3GPP TS 51.010-1 version 4 (Release 4): "Mobile Station (MS) conformance specification; Part 1: Conformance specification".

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## 3 Definitions, conventions, and applicability

(void)

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## 4 Requirements

The requirements of the present document are provided in 3GPP TS 51.010-1 [108].

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## 5 - 36 (void)

Annex 1 (normative):  
(void)



## Annex A (informative): Change history

ETSI Document history		
V5.1.0	May 1997	Publication as TS 100 607-1
V5.2.0	August 1997	Publication as TS 100 607-1
V5.3.0	November 1997	Publication as TS 100 607-1
V5.4.0	February 1998	Publication as TS 100 607-1
V5.5.0	May 1998	One-step Approval Procedure OAP 9841: 1998-05-20 to 1998-10-16
V5.6.0	August 1998	One-step Approval Procedure OAP 9850: 1998-08-14 to 1998-12-11
V5.5.1	October 1998	Publication
V5.6.1	December 1998	Publication
V5.7.0	December 1998	One-step Approval Procedure OAP 9914: 1998-12-04 to 1999-04-02
V5.7.1	April 1999	Publication
V5.8.0	April 1999	One-step Approval Procedure OAP 9934: 1999-04-23 to 1999-08-20
V5.8.1	August 1999	Publication
V5.9.0	July 1999	One-step Approval Procedure OAP 9952: 1999-07-28 to 1999-11-26
V5.9.1	December 1999	Publication
V5.10.0	January 2000	One-step Approval Procedure OAP 200019: 2000-01-12 to 2000-05-12
5.11.0	March 2000	One-step Approval Procedure OAP 20000721: 2000-03-22 to 2000-07-21

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2001-08	GP-06	GP-011470	A998		Inclusion of pointer to the maintained specification. Conversion to 3GPP TS format.	5.11.0	5.12.0

## History

Document history				
V5.1.0	May 1997	Publication		
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V5.10.0	January 2000	One-step Approval Procedure	OAP 200019:	2000-01-12 to 2000-05-12
V5.11.0	March 2000	One-step Approval Procedure	OAP 20000721:	2000-03-22 to 2000-07-21
V5.10.1	June 2000	Publication as EN 300 607-1		
V5.11.1	August 2000	Publication as EN 300 607-1		
V5.12.0	September 2001	Publication		