

ETSI TS 100 607-1 V8.3.0 (2001-09)

Technical Specification

**Digital cellular telecommunications system (Phase 2+);
Mobile Station (MS) conformance specification;
Part 1: Conformance specification
(3GPP 11.10-1 version 8.3.0 Release 1999)**

GSM®
GLOBAL SYSTEM FOR
MOBILE COMMUNICATIONS

3GPP

ETSI 

ReferenceRTS/TSGG-041110Q8-1R2

KeywordsGSM

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

Important notice

Individual copies of the present document can be downloaded from:

<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at

<http://portal.etsi.org/tb/status/status.asp>

If you find errors in the present document, send your comment to:

editor@etsi.fr

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2001.
All rights reserved.

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "*Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards*", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://www.etsi.org/legal/home.htm>).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

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.

Contents

Intellectual Property Rights	2
Foreword.....	2
Foreword.....	4
1 Scope	5
2 References	5
3 Definitions, symbols and abbreviations	6
4 Requirements.....	6
5 - 45 (void)	6
Annex 1 (normative): (void)	7
Annex A (informative): Change history	8
History	9

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.

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

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 400 MHz, 900 MHz and 1 800 MHz band (GSM 400, GSM 900 and DCS 1 800), standardized by ETSI Special Mobile Group (SMG).

The present document is valid for MS implemented according Phase2 or Phase2+ R96, or R97, or R98 or R99.

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 400, GSM 900 and DCS 1 800 systems, using constant envelope modulation and operating on radio frequencies in the 400, 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. This EN 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 400, 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.

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 [107] (void)

[108] 3GPP TS 51.010-1 version 4 (Release 4): "Mobile Station (MS) conformance specification; Part 1: Conformance specification"

3 Definitions, symbols and abbreviations

(void)

4 Requirements

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

5 - 45 (void)

Annex 1 (normative):
(void)

Annex A (informative): Change history

ETSI Document history		
Version	Date	Comments
8.0.0	14/12/99	First draft created under SMG7 change control.
V8.1.0	May 2000	One-step Approval Procedure OAP 20000922: 2000-05-24 to 2000-09-22
V8.2.0	June 2000	One-step Approval Procedure

Change history									
TSG #	TSG Doc	CR	R ev	Subject/Comment	Cat	Old	New	WG Doc	Work item
GP-06	GP-011473	A1001		Inclusion of pointer to the maintained specification	F	8.2.0	8.3.0	----	TEI

History

Document history		
V8.1.0	May 2000	One-step Approval Procedure OAP 20000922: 2000-05-24 to 2000-09-22
V8.1.1	October 2000	Publication as EN 300 607-1
V8.2.0	November 2000	Publication
V8.3.0	September 2001	Publication