

ETSI TS 151 010-1 V12.9.0 (2017-04)



**Digital cellular telecommunications system (Phase 2+) (GSM);
Mobile Station (MS) conformance specification;
Part 1: Conformance specification
(3GPP TS 51.010-1 version 12.9.0 Release 12)**



Reference

RTS/TSGR-0551010-1vc90

Keywords

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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 <http://webapp.etsi.org/key/queryform.asp>.

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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 Full standard:
<https://standards.iteh.ai/catalog/standards/sist/966b5e6-f97c-4125-9ff1-2853121ba8f2/etsi-ts-151-010-1-v12.9.0>
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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.

The present document is part 1 of a multi-part deliverable covering the Digital cellular telecommunications system (GSM Phase2 and Phase 2+ Releases 1996, 1997, 1998, 1999, 3GPP Release 4, 3GPP Release 5, 3GPP Release 6, 3GPP Release 7, 3GPP Release 8, 3GPP Release 9, 3GPP Release 10, 3GPP Release 11 and 3GPP Release 12); Mobile Station (MS) conformance specification, as identified below:

- Part 1: Conformance specification**
Reference: 3GPP TS 51.010-1.
- Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification.
Reference: 3GPP TS 51.010-2.
- Part 3: Layer 3 (L3) Abstract Test Suite (ATS).
Reference: 3GPP TS 51.010-3 v6.3.0 (NOTE 1).
- Part 4: SIM Application Toolkit conformance specification.
Reference: 3GPP TS 51.010-4.
- Part 5: Inter-RAT (GERAN to UTRAN) Abstract Test Suite (ATS)
Reference: 3GPP TS 51.010-5.
- Part 7: Location Services (LCS) test scenarios and assistance data.
Reference: 3GPP TS 51.010-7.

NOTE 1: GP-25: TTCN is not maintained after v6.3.0, and is henceforward to be considered an example test suite rather than the conformance tests

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, 700 MHz, 810 MHz, 850 MHz, 900 MHz, 1 800 MHz and 1 900 MHz band (GSM 450, GSM 480, GSM 710, GSM 750, T-GSM 810, GSM 850, R-GSM 900, ER-GSM 900, GSM 900, DCS 1 800 and PCS 1 900), standardized by ETSI Special Mobile Group (SMG).

The present document is valid for MS implemented according to GSM Phase2 or Phase2+ R96, or R97, or R98, or R99 or 3GPP Release 4 or 3GPP Release 5 or 3GPP Release 6, 3GPP Release 7, 3GPP Release 8, 3GPP Release 9, 3GPP Release 10, 3GPP Release 11 or 3GPP Release 12.

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 systems named above, using constant envelope modulation and operating on radio frequencies in the frequency bands listed above 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 ETSs or ENs, nor is it created to provide full understanding of (or parts of) GSM 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 or GSM related ETSs or ENs. Clause 2 provides a complete list of the GSM technical specifications, GSM related ETSs, ENs, and ETRs, 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 document, and any other GSM technical specification or GSM related ETS or EN, or 3GPP TS, then the other GSM technical specification or GSM related ETS or EN or 3GPP TS 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 and/or edition number or version number) 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 relevant Release*.
 - For a GSM Phase 2+ Release 12 MS, references to GSM documents are to version 12.x.y, when available.
 - For a GSM Phase 2+ Release 11 MS, references to GSM documents are to version 11.x.y, when available.

- For a GSM Phase 2+ Release 10 MS, references to GSM documents are to version 10.x.y, when available.
- For a GSM Phase 2+ Release 9 MS, references to GSM documents are to version 9.x.y, when available.
- For a GSM Phase 2+ Release 8 MS, references to GSM documents are to version 8.x.y, when available.
- For a GSM Phase 2+ Release 7 MS, references to GSM documents are to version 7.x.y, when available.
- For a GSM Phase 2+ Release 6 MS, references to GSM documents are to version 6.x.y, when available.
- For a GSM Phase 2+ Release 5 MS, references to GSM documents are to version 5.x.y, when available.
- For a GSM Phase 2+ Release 4 MS, references to GSM documents are to version 4.x.y, when available.
- For a GSM Phase 2+ Release 1999 MS, references to GSM documents are to version 8.x.y (for 01.-series to 12.-series) or (3.x.y for 21.-series to 35.-series), when available.
- For a GSM Phase 2+ Release 1998 MS, references to GSM documents are to version 7.x.y, when available.
- For a GSM Phase 2+ Release 1997 MS, references to GSM documents are to version 6.x.y, when available.
- For a GSM Phase 2+ Release 1996 MS, references to GSM documents are to version 5.x.y. when available.
- For a GSM Phase 2 MS, references to GSM documents are to version 4.x.y.

NOTE: References to 3GPP Technical Specifications and Technical Reports throughout the present document shall be interpreted according to the Release shown in the formal reference in this clause, based upon the Release of the implementation under test.

EXAMPLE 1: References for a Ph2 MS shall be interpreted as:

- [1] 3GPP TS 01.04 Ph2
- [2] 3GPP TS 02.02 Ph2
- etc.

EXAMPLE 2: References for a Rel-4 MS shall be interpreted as:

- [1] 3GPP TS 21.905 Rel-4
- [2] 3GPP TS 22.002 Rel-4
- etc.

[1] to [151] (void)

[152] 3GPP TS 51.010-1 Release 13: "GSM/EDGE Radio Access Network; Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 1: Conformance specification"

3 Definitions, conventions and applicability

Void

4 Void

5 Testing methodology in general (layers 1, 2, and 3)

The requirements of the present document are provided in 3GPP TS 51.010-1 Release 13 [152].

6 to 90 Void

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Annex 1 to 10:
Void

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Annex B (informative): Change history

TSG #	TSG Doc	CR	Rev	Subject/Comment	Cat	Old	New	WG Doc	Work item
08/2000				Conversion to 3GPP layout and number		11.10-1 v 9.0.1	51.010-1 v 4.0.1		
G-02	GP-000489	001		Applicability of 2 new GPRS tests 20.22.8 and 20.22.9	F	4.0.1	4.1.0	G4-000003	GPRS
G-02	GP-000491	002		PIXIT information for SoLSA	B	4.0.1	4.1.0	G4-000021	SoLSA
G-02	GP-000492	003		Test case 31.3.1.4 – Additions to test procedure	F	4.0.1	4.1.0	G4-000039	TEI
G-02	GP-000492	004		Test case 31.3.1.5 – Additions to test procedure.	F	4.0.1	4.1.0	G4-000040	TEI
G-02	GP-000492	005		TC 31.4.3.1.2 - Alignment of Expected Sequence with the Test Procedure description	F	4.0.1	4.1.0	G4-000050	TEI
G-02	GP-000492	006		TC 31.4.3.5 –Corrections of the Method of test according to the core specification GSM 04.84	F	4.0.1	4.1.0	G4-000051	TEI
G-02	GP-000490	007		Introduction of PCS 1900 into section 23	B	4.0.1	4.1.0	G4-000053	PCS1900
G-02	GP-000490	008		Introduction of PCS 1900 into section 26.3	B	4.0.1	4.1.0	G4-000054	PCS1900
G-02	GP-000490	009		Introduction of PCS 1900 into section 26.5	B	4.0.1	4.1.0	G4-000055	PCS1900
G-02	GP-000490	010		Introduction of PCS 1900 into section 26.6	B	4.0.1	4.1.0	G4-000056	PCS1900
G-02	GP-000490	011		Introduction of PCS 1900 into section 26.7	B	4.0.1	4.1.0	G4-000057	PCS1900
G-02	GP-000490	012		Introduction of PCS 1900 into section 26.8	B	4.0.1	4.1.0	G4-000058	PCS1900
G-02	GP-000490	013		Introduction of PCS 1900 into section 30	B	4.0.1	4.1.0	G4-000059	PCS1900
G-02	GP-000490	014		Introduction of PCS 1900 into section 34	B	4.0.1	4.1.0	G4-000060	PCS1900
G-02	GP-000492	015		Correction for testcase 31.4.3.1.1	D	4.0.1	4.1.0	G4-000070	TEI
G-02	GP-000492	016		Correction for testcase 31.4.3.1.2	D	4.0.1	4.1.0	G4-000071	TEI
G-02	GP-000492	017		Correction for testcase 31.4.3.1.3	D	4.0.1	4.1.0	G4-000072	TEI
G-02	GP-000492	018		Correction for testcase 31.4.3.2	D	4.0.1	4.1.0	G4-000073	TEI
G-02	GP-000488	019		Addition of EDGE test cases to the applicability table	B	4.0.1	4.1.0	G4-000099	EDGE
G-02	GP-000488	020		Introduction of 8PSK test equipment measurement uncertainties in Annex 5	B	4.0.1	4.1.0	G4-000100	EDGE
G-02	GP-000488	021		COMPACT Signal Strength test case	B	4.0.1	4.1.0	G4-000103	EDGE
G-02	GP-000488	022		COMPACT Cell Selection and Re-selection	B	4.0.1	4.1.0	G4-000104	EDGE
G-02	GP-000488	023		EDGE Timing advance and absolute delay	B	4.0.1	4.1.0	G4-000105	EDGE
G-02	GP-000492	024		Clause 31.4. Problem with test for call state U0	F	4.0.1	4.1.0	G4-000108	TEI
G-02	GP-000492	025		Test case 31.4.3.1.3 – Incorrect name for timer T in Test Purpose statement	F	4.0.1	4.1.0	G4-000109	TEI
G-02	GP-000487	026		Correction to the numbering of sections and procedures of AMR tests in section 26.16	D	4.0.1	4.1.0	G4-000111	AMR
G-02	GP-000490	027		Inclusion of PCS1900 in clauses 12, 13 and 14	B	4.0.1	4.1.0	G4-000116	PCS1900
G-02	GP-000492	028		Clause 31.4.2.1.2.1. Correction to MPTY Auxiliary states.	F	4.0.1	4.1.0	G4-000119	TEI
G-02	GP-000492	029		Alignment of the AoC test case with the specification	F	4.0.1	4.1.0	G4-000120	TEI
G-02	GP-000492	030		26.10.2.1: mismatching value and use of the Extension Indication about the BCCH channel list, and inconsistencies in the measurement report list of ARFCNs	F	4.0.1	4.1.0	G4-000121	TEI
G-02	GP-000490	031		Introduction of PCS 1900 into section 40	B	4.0.1	4.1.0	G4-000122	PCS1900
G-02	GP-000490	032		Introduction of PCS 1900 into sections 1 to 10	B	4.0.1	4.1.0	G4-000123	PCS1900
G-02	GP-000490	033		Introduction of PCS 1900 into section 41	B	4.0.1	4.1.0	G4-000124	PCS1900
G-02	GP-000490	034		Introduction of PCS 1900 into section 42	B	4.0.1	4.1.0	G4-000125	PCS1900
G-02	GP-000491	035		Introduction of new cell selection and reselection test cases for SoLSA	B	4.0.1	4.1.0	G4-000126	SoLSA
G-02	GP-000491	036		Replacement of current chapter 26.15	B	4.0.1	4.1.0	G4-000127	SoLSA
G-02	GP-000491	037		Addition of SoLSA test cases to the applicability table	B	4.0.1	4.1.0	G4-000128	SoLSA
G-02	GP-000489	038		Clarification of GPRS Receive Initial Conditions	F	4.0.1	4.1.0	G4-000129	GPRS
G-02	GP-000489	039		Clarification of GPRS Transmitter Initial Conditions	F	4.0.1	4.1.0	G4-000130	GPRS
G-02	GP-000489	040		Clarification of GPRS Timing advance and absolute delay Conditions	F	4.0.1	4.1.0	G4-000131	GPRS
G-02	GP-000492	041		Correction for testcase 31.4.3.4	F	4.0.1	4.1.0	G4-000134	TEI
G-02	GP-000492	042		Correction for testcase 31.4.3.5	F	4.0.1	4.1.0	G4-000135	TEI
G-02	GP-000489	043		Medium Access Control (MAC) Medium Access Control (MAC) Procedures on PCCCH in idle mode	F	4.0.1	4.1.0	G4-000144	GPRS
G-02	GP-000489	044		Dynamic Allocation in Packet Transfer Mode	F	4.0.1	4.1.0	G4-000145	GPRS

TSG #	TSG Doc	CR	Rev	Subject/Comment	Cat	Old	New	WG Doc	Work item
G-02	GP-000489	045		TC's section 41 – Channel combination v) instead of iv) and vii)	D	4.0.1	4.1.0	G4-000146	GPRS
G-02	GP-000489	046		The ARFCN list encoding for DCS in 42.1.2.2.3 cannot use Bit Map 0 format.	F	4.0.1	4.1.0	G4-000147	GPRS
G-02	GP-000489	047		Incorrect References in Specific Message Contents of 41.1.3	F	4.0.1	4.1.0	G4-000148	GPRS
G-02	GP-000489	048		Misalignment between the "Test Procedure" and "Expected Sequence" of test case 42.3.1.1.7.	F	4.0.1	4.1.0	G4-000149	GPRS
G-02	GP-000489	049		Test case 42.3.1.1.4 - inconsistencies between "Test Procedure" and "Expected Sequence" along with chronologically errors in "Expected Sequence"	F	4.0.1	4.1.0	G4-000150	GPRS
G-02	GP-000489	050		GPRS Paging tests on CCCH for GPRS service	F	4.0.1	4.1.0	G4-000151	GPRS
G-02	GP-000489	051		TC 41.2.2.4 – Correction of Expected sequence numbering	F	4.0.1	4.1.0	G4-000152	GPRS
G-02	GP-000489	052		TC 41.2.3.1 – Correction of Specific message contents	F	4.0.1	4.1.0	G4-000153	GPRS
G-02	GP-000489	053		TC 41.2.3.2 – Correction of Specific message contents	F	4.0.1	4.1.0	G4-000154	GPRS
G-02	GP-000489	054		TC 41.2.6.1 – Editorial modification of Section numbering	D	4.0.1	4.1.0	G4-000155	GPRS
G-02	GP-000489	055		TBF release	F	4.0.1	4.1.0	G4-000156	GPRS
G-02	GP-000489	056		GPRS Paging tests on PACCH for circuit-switched services	F	4.0.1	4.1.0	G4-000157	GPRS
G-02	GP-000489	057		SS Initial Conditions of 41.1	F	4.0.1	4.1.0	G4-000158	GPRS
G-02	GP-000489	058		Incorrect quotations from 0408 leading to unnecessary requirements in 41.1.5	F	4.0.1	4.1.0	G4-000159	GPRS
G-02	GP-000489	059		41.1.2 Applicability, SS Broadcast Information and Pack Paging Request 1A MI Types	F	4.0.1	4.1.0	G4-000160	GPRS
G-02	GP-000489	060		Incorrect "timeslot allocation" value in 42.1.2.1.6 PSI type 2 message contents	F	4.0.1	4.1.0	G4-000161	GPRS
G-02	GP-000489	061		Correction of GPRS Mobility Management	F	4.0.1	4.1.0	G4-000162	GPRS
G-02	GP-000489	062		Measurement Reports and Cell Change Order Procedures	F	4.0.1	4.1.0	G4-000163	GPRS
G-02	GP-000489	063		TC 41.4.2.1 – Not tested Conformance requirements removed. Corrections in Test purpose, Expected sequence.	F	4.0.1	4.1.0	G4-000164	GPRS
G-02	GP-000489	064		Various Errors and Updates in Section 40	F	4.0.1	4.1.0	G4-000165	GPRS
G-02	GP-000489	065		GPRS SNDCCP Tests	F	4.0.1	4.1.0	G4-000166	GPRS
G-02	GP-000489	066		GPRS Receive Tests	F	4.0.1	4.1.0	G4-000087	GPRS
				Editorial modification to the title in the cover page		4.1.0	4.1.1		
				Addition of missing record in the history box		4.1.1	4.1.2		
GP-03	GP-010088	067		Clause 31.4.2.1.1.3. Correction to testcase expected sequence.	F	4.1.1	4.2.0	G4-000169	TEI
GP-03	GP-010088	068		Clause 31.4.3.3. Correction to testcase procedure.	F	4.1.1	4.2.0	G4-000170	TEI
GP-03	GP-010085	069		Clauses 41.2.3.1 and 41.2.3.2 on IA Rest Octets discrepancy.	F	4.1.1	4.2.0	G4-000173	GPRS
GP-03	GP-010088	070		Clause 31.4.4.1.1 – Auto-Retrieval of held calls	F	4.1.1	4.2.0	G4-000179	TEI
GP-03	GP-010088	071		Series 31.4.4.3 - Incorrect call states in the Test Procedure and Expected Message Sequence	F	4.1.1	4.2.0	G4-000180r	TEI
GP-03	GP-010088	072		Test case 31.3.1.2.2.2 – Modifications to Test Procedure and Expected message sequence	F	4.1.1	4.2.0	G4-000183	TEI
GP-03	GP-010088	073		Test Case 28.4 – Missing Expected Message Sequence	F	4.1.1	4.2.0	G4-000185	TEI
GP-03	GP-010088	074		Addition of new PIXIT Statement to annex A for section 28 tests	F	4.1.1	4.2.0	G4-000187	TEI
GP-03	GP-010087	075		Introduction of PCS 1900 into section 26.14	B	4.1.1	4.2.0	G4-000190	PCS1900
GP-03	GP-010087	076		Introduction of PCS 1900 into section 27	B	4.1.1	4.2.0	G4-000193	PCS1900
GP-03	GP-010087	077		Introduction of PCS 1900 into section 35	B	4.1.1	4.2.0	G4-000195	PCS1900
GP-03	GP-010087	078		Corrections for PCS 1900 in sections 26.6.3.x and 26.6.18	F	4.1.1	4.2.0	G4-000197	PCS1900
GP-03	GP-010088	079		Test case 31.4.5 - Incorrect TI for Return Result Component.	F	4.1.1	4.2.0	G4-000202	TEI
GP-03	GP-010088	080		Incorrect numbering of sequence of TC31.4.4.1.1.1	F	4.1.1	4.2.0	G4-000203	TEI
GP-03	GP-010088	081		Incorrect call auxiliary state in TC31.4.4.3.2	F	4.1.1	4.2.0	G4-000205	TEI
GP-03	GP-010087	082		Inclusion of PCS 1900 in HSCSD tests section 13 and 14	B	4.1.1	4.2.0	G4-000206	PCS1900
GP-03	GP-010087	083		Inclusion of PCS 1900 in GPRS tests section 13 and 14	B	4.1.1	4.2.0	G4-000207	PCS1900

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GP-03	GP-010085	084		SS Needs To Send GMM INFORMATION In-Order That MS Deletes Old P-TMSI In 44.2.3.1.1.	F	4.1.1	4.2.0	G4-000208	GPRS
GP-03	GP-010085	085		41.2.8.1.2 Uplink Data Transfer Should Be Terminated by PACKET UPLINK ACK/NAK With FAI Set.	F	4.1.1	4.2.0	G4-000211	GPRS
GP-03	GP-010085	086		44.2.5.2.1 Test Method (Expected Sequence) Correction	F	4.1.1	4.2.0	G4-000213	GPRS
GP-03	GP-010088	087		Incorrect transaction identifier TI used at step 9 + 10 in TC31.4.4.2	F	4.1.1	4.2.0	G4-000220	TEI
GP-03	GP-010085	088		Updates to the Applicability table	F	4.1.1	4.2.0	G4-000222	GPRS
GP-03	GP-010085	089		Heading numbering error in one LLC test	D	4.1.1	4.2.0	G4-000224	GPRS
GP-03	GP-010085	090		Paging on PCCCH for GPRS service with IMSI	F	4.1.1	4.2.0	G4-000226	GPRS
GP-03	GP-010085	100		Wrong specific message content deleted.	F	4.1.1	4.2.0	G4-000227	GPRS
GP-03	GP-010085	101		Steps added in the Expected sequence	F	4.1.1	4.2.0	G4-000229	GPRS
GP-03	GP-010085	102		44.2.3.2.5.3.2 Test Method (Expected Sequence) Corrections.	F	4.1.1	4.2.0	G4-000230	GPRS
GP-03	GP-010086	103		GSM 700 and GSM 850 to 51.010 section 12	B	4.1.1	4.2.0	G4-000243	GSM700
GP-03	GP-010086	104		GSM 700 and GSM 850 additions into 51.010 section 15	B	4.1.1	4.2.0	G4-000246	GSM700
GP-03	GP-010086	105		GSM 700 and GSM 850 additions into 51.010 section 16	B	4.1.1	4.2.0	G4-000247	GSM700
GP-03	GP-010086	106		GSM 700 and GSM 850 additions into 51.010 section 17	B	4.1.1	4.2.0	G4-000248	GSM700
GP-03	GP-010086	107		GSM 700 and GSM 850 additions into 51.010 section 18	B	4.1.1	4.2.0	G4-000249	GSM700
GP-03	GP-010086	108		GSM 700 and GSM 850 additions into 51.010 section 19	B	4.1.1	4.2.0	G4-000250	GSM700
GP-03	GP-010086	109		GSM 700 and GSM 850 additions into 51.010 section 20	B	4.1.1	4.2.0	G4-000251	GSM700
GP-03	GP-010086	110		GSM 700 and GSM 850 additions into 51.010 section 21	B	4.1.1	4.2.0	G4-000252	GSM700
GP-03	GP-010086	111		GSM 700 and GSM 850 additions into 51.010 sections 22-24	B	4.1.1	4.2.0	G4-000253	GSM700
GP-03	GP-010084	112		Addition of EGPRS Usable receiver input range test to the applicability table	F	4.1.1	4.2.0	G4-000258	EDGE
GP-03	GP-010084	113		EGPRS Usable receiver user input range test	B	4.1.1	4.2.0	G4-000261	EDGE
GP-03	GP-010085	114		LLC testcases 46.1.2.2.2.3, 46.1.2.6.2, 46.1.2.7.6 corrections	D	4.1.1	4.2.0	G4-000275	GPRS
GP-03	GP-010085	115		Macro for downlink TBF establishment (PBCCH not present)	F	4.1.1	4.2.0	G4-000280	GPRS
GP-03	GP-010085	116		Section 43 numbering correction	D	4.1.1	4.2.0	G4-000281	GPRS
GP-03	GP-010085	117		Checking only the number of SABM retransmissions	F	4.1.1	4.2.0	G4-000282	GPRS
GP-03	GP-010085	118		GPRS RLC Test Cases section 43	F	4.1.1	4.2.0	G4-000283	GPRS
GP-03	GP-010085	119		Wrong reference to table 42.2.1.1	D	4.1.1	4.2.0	G4-000284	GPRS
GP-03	GP-010087	120		Corrections for PCS 1900 in sections 15 to 24	B	4.1.1	4.2.0	G4-000290	PCS1900
GP-03	GP-010086	121		GSM 700 and GSM 850 additions into 51.010, sections 00 –10	B	4.1.1	4.2.0	G4-000291	GSM700
GP-03	GP-010086	122		GSM 700 and GSM 850 additions into 51.010 section 13	B	4.1.1	4.2.0	G4-000292	GSM700
GP-03	GP-010088	123		TC 31.2.1.7.1.1 - Forwarded-to mobile subscriber side. Corrections of Conformance Requirements, Test Purpose and Method of test (incl. Expected Sequence)	F	4.1.1	4.2.0	G4-000294r	TEI
GP-03	GP-010087	124		Introduction of PCS 1900 into section 26.12	B	4.1.1	4.2.0	G4-000295	PCS1900
GP-03	GP-010087	125		Introduction of PCS 1900 into section 26.15	B	4.1.1	4.2.0	G4-000296	PCS1900
GP-03	GP-010087	126		Introduction of PCS 1900 into section 26.16	B	4.1.1	4.2.0	G4-000297	PCS1900
GP-03	GP-010088	127		Test Case 28.2 – Missing Test Procedure	F	4.1.1	4.2.0	G4-000298	TEI
GP-03	GP-010086	128		GSM 700 and GSM 850 additions into 51.010 section 14	B	4.1.1	4.2.0	G4-000300	GSM700
GP-03	GP-010087	129		Introduction of PCS 1900 into section 31	B	4.1.1	4.2.0	G4-000305	PCS1900
GP-03	GP-010087	130		Introduction of PCS 1900 into section Annex	B	4.1.1	4.2.0	G4-000306	PCS1900
GP-03	GP-010087	131		Clause 26.9. Corrections for PCS 1900 emergency calls	F	4.1.1	4.2.0	G4-000307	PCS1900
GP-03	GP-010088	132		Clause 28.1. Removal of references to section 29.	F	4.1.1	4.2.0	G4-000308	TEI
GP-03	GP-010088	133		Test case 31.4.2.1.4, 31.4.2.2.1 and 31.4.4.1.2.2 and 31.4.3.5 - Incorrect auxiliary call states in the Test Procedure and Expected Message Sequence.	F	4.1.1	4.2.0	G4-000313	TEI
GP-03	GP-010088	134		Section 30 - Audio Testing Specification	F	4.1.1	4.2.0	G4-000176	TEI

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				Addition of missing references		4.1.1	4.2.0		
GP-04	GP-010466	135		clause 40 – GPRS default conditions, message contents and macros	F	4.2.0	4.3.0	G4-010030	GPRS
GP-04	GP-010466	136		clause 44.2.5.2.3 - Ciphering mode / IMEISV request	F	4.2.0	4.3.0	G4-010031	GPRS
GP-04	GP-010466	137		clause 44.2.3.2.9 - Combined routing area updating / abnormal cases / change of cell during routing area updating procedure	F	4.2.0	4.3.0	G4-010032	GPRS
GP-04	GP-010466	138		clause 44.2.5.2.1 - Ciphering mode / start ciphering	F	4.2.0	4.3.0	G4-010033	GPRS
GP-04	GP-010466	139		SNDP test "Response from MS on receiving XID request from the SS"	F	4.2.0	4.3.0	G4-010047	GPRS
GP-04	GP-010466	140		Corrections and clarification of the GPRS defaults section 40.	F	4.2.0	4.3.0	G4-010050	GPRS
GP-04	GP-010466	141		41.2 RR procedures on CCCH related to temporary block flow establishment	F	4.2.0	4.3.0	G4-010051	GPRS
GP-04	GP-010466	142		clause 41.3.4.2 TBF Release / Downlink / Normal / Network initiated / Unacknowledged mode	F	4.2.0	4.3.0	G4-010052	GPRS
GP-04	GP-010466	143		Correction of reaction time check in section 42.2.2.11	F	4.2.0	4.3.0	G4-010053	GPRS
GP-04	GP-010466	144		GPRS MAC Dynamic Allocation Test Case 42.3.1.2.1	F	4.2.0	4.3.0	G4-010054	GPRS
GP-04	GP-010466	145		Additional GPRS Conformance Tests for Network Controlled Reselection	F	4.2.0	4.3.0	G4-010055	GPRS
GP-04	GP-010466	146		42.5.1.1 Downlink Transfer / Normal operation / Relative encoding TBF starting time	F	4.2.0	4.3.0	G4-010056	GPRS
GP-04	GP-010466	147		Stall Indicator usage clarification	F	4.2.0	4.3.0	G4-010057	GPRS
GP-04	GP-010466	148		GMM Procedure timeout during GPRS Detach or Combined routing area updating	F	4.2.0	4.3.0	G4-010058	GPRS
GP-04	GP-010466	149		44.2.1.2.7 TMSI Status Check Not Required In ATTACH REQUEST and MS Will Always Respond To Paging With IMSI	F	4.2.0	4.3.0	G4-010059	GPRS
GP-04	GP-010466	150		Use of the Allocation bitmap in accordance with the value of T3168	F	4.2.0	4.3.0	G4-010060	GPRS
GP-04	GP-010466	151		Permission to access the network – setting of priority for data transfer	F	4.2.0	4.3.0	G4-010089	GPRS
GP-04	GP-010466	152		SS Needs To Send Packet Paging Request or a Paging Request Type 1 In 44.2.1.1.1.	F	4.2.0	4.3.0	G4-010144	GPRS
GP-04	GP-010466	153		Corrections To The Test Method Of 44.2.1.2.1	F	4.2.0	4.3.0	G4-010145	GPRS
GP-04	GP-010466	154		Test Duration of 44.2.3.3.1 Calls Periodic Location Update Timer To Be Disabled	F	4.2.0	4.3.0	G4-010146	GPRS
GP-04	GP-010466	155		Cells Used In The Testing Of Reject Cause 'PLMN not allowed' Should Not Have The Home PLMN and the Location Update Procedure Is Not Initiated By A Mobile in Mode C "GPRS"(44.2.1.1.4)	F	4.2.0	4.3.0	G4-010147	GPRS
GP-04	GP-010466	156		Various Corrections To The Procedures Of Test Case 44.2.1.1.5	F	4.2.0	4.3.0	G4-010148	GPRS
GP-04	GP-010466	157		44.2.3.3.2 Periodic routing area updating / accepted / T3312 default value	F	4.2.0	4.3.0	G4-010149	GPRS
GP-04	GP-010466	158		44.2.3.3.3 Periodic routing area updating / no cell available / Network mode I and 44.2.3.3.4 Combined routing area updating / no cell available	F	4.2.0	4.3.0	G4-010150	GPRS
GP-04	GP-010466	159		44.2.1.2.3 Combined GPRS attach / GPRS attach while IMSI attach	F	4.2.0	4.3.0	G4-010151	GPRS
GP-04	GP-010466	160		44.2.2.1.2 GPRS detach / accepted	F	4.2.0	4.3.0	G4-010152	GPRS
GP-15	GP-031462	160		CR 51.010-1-1608 Correction for Security procedures after GSM to UMTS intersystem handover.	F	5.3.0	5.4.0	GP-031462	Intersystem handover
GP-04	GP-010466	161		Corrections To The Test Method Of 45_2_1_1	F	4.2.0	4.3.0	G4-010153	GPRS
GP-04	GP-010466	162		Procedure, Expected Sequence and Default Message Corrections To 45.2.2	F	4.2.0	4.3.0	G4-010154	GPRS
GP-04	GP-010466	163		clause 44.2.5.1.1 - Authentication accepted	F	4.2.0	4.3.0	G4-010155	GPRS
GP-04	GP-010466	164		clause 44.2.5.2.2- Ciphering mode / stop ciphering	F	4.2.0	4.3.0	G4-010156	GPRS
GP-04	GP-010466	165		clause 44.2.3.1.2- Routing area updating / rejected / IMSI invalid / illegal ME	F	4.2.0	4.3.0	G4-010157	GPRS
GP-04	GP-010466	166		clause 44.2.6 - Identification procedure	F	4.2.0	4.3.0	G4-010158	GPRS
GP-04	GP-010466	167		clause 44.2.3.1.6- Routing area updating / abnormal cases / change of cell into new routing area	F	4.2.0	4.3.0	G4-010159	GPRS