

ETSI TS 151 010-5 V10.8.0 (2014-03)



**Digital cellular telecommunications system (Phase 2+);
Mobile Station (MS) conformance specification;
Part 5: Inter-Radio-Access-Technology (RAT)
(GERAN / UTRAN) interaction Abstract Test Suite (ATS)
(3GPP TS 51.010-5 version 10.8.0 Release 10)**

[ETSI TS 151 010-5 V10.8.0 \(2014-03\)](https://standards.iteh.ai/catalog/standards/etsi/1e90b412-2c4b-4d38-8c0f-f2357a27d8e8/etsi-ts-151-010-5-v10-8-0-2014-03)

<https://standards.iteh.ai/catalog/standards/etsi/1e90b412-2c4b-4d38-8c0f-f2357a27d8e8/etsi-ts-151-010-5-v10-8-0-2014-03>



Reference

RTS/TSGG-0351010-5va80

Keywords

GSM

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

Document Preview
(<https://standards.iteh.ai>)

Important notice

The present document can be downloaded from:

<http://www.etsi.org>

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the only prevailing document is the print of the Portable Document Format (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, please send your comment to one of the following services:

http://portal.etsi.org/chaicor/ETSI_support.asp

Copyright Notification

No part may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm except as authorized by written permission of ETSI.

The content of the PDF version shall not be modified without the written authorization of ETSI.

The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2014.

All rights reserved.

DECT™, **PLUGTESTS™**, **UMTS™** and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members. **3GPP™** and **LTE™** are Trade Marks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners. **GSM®** and the GSM logo are Trade Marks registered and owned by the GSM Association.

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://ipr.etsi.org>).

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

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ETSI TS 151 010-5 V10.8.0 \(2014-03\)](https://standards.iteh.ai/catalog/standards/etsi/1e90b412-2c4b-4d38-8c0f-f2357a27d8e8/etsi-ts-151-010-5-v10-8-0-2014-03)

<https://standards.iteh.ai/catalog/standards/etsi/1e90b412-2c4b-4d38-8c0f-f2357a27d8e8/etsi-ts-151-010-5-v10-8-0-2014-03>

Contents

Intellectual Property Rights	2
Foreword.....	2
Foreword.....	5
Introduction	5
1 Scope	7
2 References	7
3 Definitions and abbreviations.....	8
3.1 Definitions.....	8
3.2 Abbreviations	8
4 ATS Structure.....	8
5 Abstract test method and test configurations.....	8
6 Specific Test Suite Operations for InterRAT GERAN to UTRAN Handover testing	8
7 Generic Procedures for GERAN/LTE testing	9
7.1 GPRS Attach	9
7.2 PDP Context 2 Activated	9
7.3 U10 Active State	9
Annex A (normative): Abstract Test Suites (ATS).....	10
A.1 Version of specification.....	10
A.2 IR_G ATS	10
A.2.1 Void.....	11
A.2.2 The TTCN Machine Processable form (TTCN.MP)	11
Annex B (normative): Partial IXIT proforma.....	12
B.0 Introduction	12
B.1 Parameter values	12
Annex C (normative): Additional information to IXIT	13
C.1 Identification Summary	13
C.2 Abstract Test Suite Summary.....	13
C.3 Test Laboratory	13
C.3.1 Test Laboratory Identification.....	13
C.3.2 Accreditation status of the test service	14
C.3.3 Manager of Test Laboratory.....	14
C.3.4 Contact person of Test Laboratory	14
C.3.5 Means of Testing.....	15
C.3.6 Instructions for Completion.....	16
C.4 Client	17
C.4.1 Client Identification.....	17
C.4.2 Client Test Manager	17
C.4.3 Client Contact person	17
C.4.4 Test Facilities Required.....	18
C.5 System Under Test	19
C.5.1 SUT Information	19
C.5.2 Limitations of the SUT.....	20
C.5.3 Environmental Conditions.....	21

C.6	Ancillary Protocols.....	22
C.6.1	Ancillary Protocols 1.....	22
C.6.2	Ancillary Protocols 2.....	22
C.7	Protocol Layer Information for L3 of Mobile Station.....	22
C.7.1	Information provided for test purposes by the MS supplier	22
C.7.2	MMI information.....	22
C.7.3	Test house specified parameters.....	23
Annex D (normative):	PCTR Proforma.....	24
Annex E (informative):	Guidance on test execution.....	25
E.1	InterRAT test execution	25
Annex F (informative):	Change history	26
History		31

iTech Standards
(<https://standards.iteh.ai>)
Document Preview

[ETSI TS 151 010-5 V10.8.0 \(2014-03\)](https://standards.iteh.ai/catalog/standards/etsi/1e90b412-2c4b-4d38-8c0f-f2357a27d8e8/etsi-ts-151-010-5-v10-8-0-2014-03)
<https://standards.iteh.ai/catalog/standards/etsi/1e90b412-2c4b-4d38-8c0f-f2357a27d8e8/etsi-ts-151-010-5-v10-8-0-2014-03>