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User Equipment (UE) conformance specification for UE positioning;
Part 3: Implementation Conformance Statement(ICS)

(Release 11)

3GPP TS 37.571-3 V11.1.0 (2015-12)

Technical Specification

**3rd Generation Partnership Project;
Technical Specification Group Radio Access Network;
Universal Terrestrial Radio Access (UTRA)
and Evolved UTRA (E-UTRA)
and Evolved Packet Core (EPC);
User Equipment (UE) conformance specification for
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Part 3: Implementation Conformance Statement (ICS)
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3GPP

Postal address

3GPP support office address

650 Route des Lucioles - Sophia Antipolis
Valbonne - FRANCE
Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Internet

http://www.3gpp.org

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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.

Introduction

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a telecommunication specification. Such a statement is called an Implementation Conformance Statement (ICS).

The present document is part 3 of a multi-parts TS:

3GPP TS 37.571-1: Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification.

3GPP TS 37.571-2: Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 2: Protocol conformance.

3GPP TS 37.571-3: Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 3: Implementation Conformance Statement (ICS).

3GPP TS 37.571-4: Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites.

3GPP TS 37.571-5: Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assistance data.

1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for 3rd Generation UTRAN and E-UTRAN User Equipment (UE) supporting UE positioning, in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-1 [7] and ISO/IEC 9646-7 [8].

The present document also specifies a recommended applicability statement for the test cases included in 3GPP TS 37.571-1 [5] and 3GPP TS 37.571-2 [6]. These applicability statements are based on the features implemented in the UE.

Special conformance testing functions can be found in 3GPP TS 34.109 [10] for UTRA and 3GPP TS 36.509 [2] for E-UTRA. The common test environments are included in 3GPP TS 34.108 [9] for UTRA and in 3GPP TS 36.508 [3] for E-UTRA.

The present document is valid for UE supporting UE positioning implemented according to 3GPP releases starting from Release 99 up to the Release indicated on the cover page of the present document.

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 [12]   (void)

[13]   3GPP TS 37.571-3 Release 12: "Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 3: Implementation Conformance Statement (ICS)"

3 Definitions, symbols and abbreviations

Void

4 Recommended Test Case Applicability

The requirements of the present document are provided in 3GPP TS 37.571-3 Release 12 [13].

Annex A: Void

Annex B (informative): Change history

					Change history		
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
					36.571-3		
2010-08	RAN5#48	R5-104317	-	-	Initial version		0.0.0
2011-02	RAN5#50	R5-110253	-	-	Addition of test case applicability	0.0.0	0.1.0
2011-08	RAN5#52	R5-113273	-	-	Addition of E-CID and OTDOA performance test case applicability	0.1.0	
		R5-113139	-	-	Addition of UE Network Capability test case		
		R5-113773	-	-	Addition of Notification test cases		
		R5-113148	-	-	Addition of Position Capability Transfer test case		1.0.0
					37.571-3		
2011-11	RAN5#53	R5-115253	-	-	Creation of 37.571-3 based on 36.571-3 v1.0.0, 34.123-2 v9.6.0, 34.171 v9.3.0 and 34.172 va.1.0	-	1.0.0
-	-	R5-115254	-	-	Corrections to the 37.571-3 baseline text	-	-
-	-	R5-115255	-	-	Addition of missing test case applicability to the 37.571-3 baseline text	-	-
-	-	R5-115256	-	-	Applicable Release for UMTS A-GNSS Test Cases in 37.571-3 baseline text	-	2.0.0
2011-12	RAN#54	-	-	-	Moved to Rel-9 with editorial changes only.	2.0.0	9.0.0
2012-03	RAN#55	R5-120365	0001	-	Addition of missing test case applicability for test cases 7.3.4.1, 7.3.4.2, 7.3.4.3, and 7.3.4.4	9.0.0	9.1.0
2012-03	RAN#55	R5-120529	0002	-	Remove redundant mnemonics	9.0.0	9.1.0
2012-06	RAN#56	-	-	-	Upgraded to v10.0.0 with no change.	9.1.0	10.0.0
2012-09	RAN#57	R5-123689	0003	-	Correction of sub-test names and PICS names	10.0.0	10.1.0
2012-09	RAN#57	R5-123689	0003	-	Addition of missing sub test cases name change	10.1.0	10.1.1
2012-12	RAN#58	R5-125119	0004	-	Add new PICS and post-fix for conditions	10.1.1	10.2.0
2012-12	RAN#58	R5-124121	0006	-	Applicabilities for new test cases 10.1 - 10.4 for RSTD for Carrier Aggregation	10.1.1	10.2.0
2013-03	RAN#59	R5-130594	0007	-	Correction of applicability for TC 7.3.2.3	10.2.0	10.3.0
2013-04	-	-	-	-	fix of history table	10.3.0	10.3.1
2013-06	RAN#60	R5-131305	0008	-	Correction of applicability for LTE UE Positioning test cases	10.3.1	10.4.0
2013-06	RAN#60	R5-131328	0009	-	Applicability for new test case 7.5.1 for inter-frequency RSTD measurement indication procedure	10.3.1	10.4.0
2013-06	RAN#60	R5-131995	0010	-	Applicabilities for new TDD inter-frequency tests 9.2.2 and 9.2.5	10.3.1	10.4.0
2013-06	RAN#60	R5-131996	0011	-	Addition of the Applicability for FDD-FDD inter-frequency RSTD Test Cases	10.3.1	10.4.0
2013-06	RAN#60	R5-132011	0012	-	Corrections and clarifications to Applicabilities tables	10.3.1	10.4.0
2013-09	RAN#61	R5-133633	0013	-	Correction to 7.3.3.1	10.4.0	10.5.0
2013-12	RAN#62	R5-134203	0014	-	Corrections to Applicabilities C12es and C13es	10.5.0	10.6.0
2013-12	RAN#62	R5-134204	0015	-	Addition of Applicabilities for 9.2.1 - 9.2.5	10.5.0	10.6.0
2013-12	RAN#62	R5-134911	0016	-	Change Applicability of test 7.3.5.1	10.5.0	10.6.0
2013-12	RAN#62	R5-134981	0017	-	Applicabilities for new tests 10.1a, 10.2a, 10.3a and 10.4a	10.5.0	10.6.0
2014-06	RAN#64	R5-142102	0018	-	Correction to test case title in the Applicability Table 4-1 and Table 4-3	10.6.0	10.7.0
2014-06	RAN#64	R5-142406	0019	-	Correction of conditions of C26es and C27es.	10.6.0	10.7.0
2014-09	RAN#65	-	-	-	Upgraded to v11.0.0 with no change	10.7.0	11.0.0
2015-12	RAN#70	R5-155046	0041	-	Removal of technical content in 37.571-3 v11.0.0 and substitution with pointer to the next Release	11.0.0	11.1.0