

ETSI TS 137 571-2 V9.3.0 (2013-01)



Technical Specification

**Universal Mobile Telecommunications System (UMTS);
LTE;
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 37.571-2 version 9.3.0 Release 9)**



Reference

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Keywords

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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

The present document is part 2 of a multi-part 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 specifies the protocol conformance testing for the 3rd Generation UTRAN and E-UTRAN User Equipment (UE) supporting UE positioning.

This is the second part of a multi-part test specification. The following information can be found in this part:

- the overall protocol conformance test structure;
- the protocol conformance test configurations;
- the conformance requirement and reference to the core specifications;
- the test purposes; and
- a brief description of the test procedure, the specific test requirements and short message exchange table.

The Implementation Conformance Statement (ICS) pro-forma could be found in the 3rd part of the present document.

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.
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[1] to [28] (void)

[29] 3GPP TS 37.571-2 Release 10: "User Equipment (UE) conformance specification for UE positioning; Part 2: Protocol conformance".

3 Definitions and abbreviations

Void

4 Default Conditions for UTRAN

The requirements of the present document are provided in 3GPP TS 37.571-2 Release 10 [29].

5 to 7 Void

Annex A (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
36.571-2							
2010-08	R5#48	R5-104119			Initial skeleton proposal		0.0.0
	R5#48	R5-104741			Merge of documents R5-104119, R5-104120, R5-104121, R5-104122, together with small editorial modifications	0.0.0	0.0.1
2011-02	R5#50	R5-110250			Various corrections based on LPP v9.3.0 (R5-106431)	0.0.1	
					New test cases: LPP Reliable Transport (R5-106433)		
					New test cases: CS fallback (R5-106698)		0.1.0
2011-05	R5#51	R5-112388			Various corrections (R5-110251)	0.1.0	
					OTDOA default conditions (R5-110252)		0.2.0
2011-08	R5#52	R5-113770			Small corrections to 36.571-2 baseline text	0.2.0	
		R5-113771			Addition of LPP abort test case		
		R5-113147			Addition of Position Capability Transfer test case		
		R5-113140			Addition of Notification test cases		
		R5-113769			Addition of UE Network Capability test case		
		R5-113847			Addition of LPP Error handling test cases		1.0.0
37.571-2							
2011-11	R5#53	R5-115249			Creation of 37.571-2 based on 36.571-2 v1.0.0 and 34.123-1 v9.6.0		1.0.0
		R5-115250			Default conditions for ECID signaling test cases in 37.571-2 baseline text		
		R5-115251			Various corrections to the 37.571-2 baseline text		
		R5-115252			Default system information for UTRAN A-GNSS tests in 37.571-2 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	R5-120358	0001	-	Addition of missing test case 7.3.4.1	9.0.0	9.1.0
2012-03	RAN#55	R5-120359	0002	-	Addition of missing test case 7.3.4.2	9.0.0	9.1.0
2012-03	RAN#55	R5-120360	0003	-	Addition of missing test case 7.3.4.3	9.0.0	9.1.0
2012-03	RAN#55	R5-120361	0004	-	Addition of missing test case 7.3.4.4	9.0.0	9.1.0
2012-03	RAN#55	R5-120362	0005	-	Editorial corrections to 37.571-2	9.0.0	9.1.0
2012-03	RAN#55	R5-120363	0006	-	Completion of Test Case 7.3.1.1	9.0.0	9.1.0
2012-03	RAN#55	R5-120364	0007	-	Removal of FFS for Sub-test -7	9.0.0	9.1.0
2012-03	RAN#55	R5-120395	0008	-	Addition of RESET command to EPC MO-LR tests	9.0.0	9.1.0
2012-03	RAN#55	R5-120725	0009	-	Correction of MO-LR CS fallback test cases 7.4.1	9.0.0	9.1.0
2012-03	RAN#55	R5-120358	0001	-	Addition of missing test case 7.3.4.1	9.0.0	9.1.0
2012-03	RAN#55	R5-120359	0002	-	Addition of missing test case 7.3.4.2	9.0.0	9.1.0
2012-03	RAN#55	R5-120360	0003	-	Addition of missing test case 7.3.4.3	9.0.0	9.1.0
2012-03	RAN#55	R5-120361	0004	-	Addition of missing test case 7.3.4.4	9.0.0	9.1.0
2012-03	RAN#55	R5-120362	0005	-	Editorial corrections to 37.571-2	9.0.0	9.1.0
2012-06	RAN#56	R5-121134	0010	-	Clarification to cell synchronization for OTDOA	9.1.0	9.2.0
2012-06	RAN#56	R5-121148	0011	-	Completion of Test Case 7.3.1.1	9.1.0	9.2.0
2012-12	RAN#58	R5-125666	0020	-	Removal of technical content in 37.571-2 v9.2.0 and substitution with pointer to the next Release	9.2.0	9.3.0

History

Document history		
V9.0.0	January 2012	Publication
V9.1.0	March 2012	Publication
V9.2.0	July 2012	Publication
V9.3.0	January 2013	Publication