

# ETSI TS 134 171 V8.2.0 (2010-06)

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*Technical Specification*

**Universal Mobile Telecommunications System (UMTS);  
Terminal conformance specification;  
Assisted Global Positioning System (A-GPS);  
Frequency Division Duplex (FDD)  
(3GPP TS 34.171 version 8.2.0 Release 8)**

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**Reference**

RTS/TSGR-0534171v820

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**Keywords**

UMTS

**ETSI**

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The cross reference between GSM, UMTS, 3GPP and ETSI identities can be found under <http://webapp.etsi.org/key/queryform.asp>.

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# Foreword

This Technical Specification has been produced by the 3<sup>rd</sup> 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.

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# 1 Scope

The present document specifies the measurement procedures for the conformance test of the minimum performance requirements for FDD mode of UTRA user equipment (UE) that supports Assisted Global Positioning System (A-GPS).

Tests are only applicable to those mobiles that are intended to support the appropriate functionality. To indicate the circumstances in which tests apply, this is noted in the "*definition and applicability*" part of the test.

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# 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*.
  - For a Release 1999 UE, references to 3GPP documents are to version 3.x.y.
  - For a Release 4 UE, references to 3GPP documents are to version 4.x.y.
  - For a Release 5 UE, references to 3GPP documents are to version 5.x.y.
  - For a Release 6 UE, references to 3GPP documents are to version 6.x.y.
  - For a Release 7 UE, references to 3GPP documents are to version 7.x.y.
  - For a Release 8 UE, references to 3GPP documents are to version 8.x.y.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TR 25.990: "Vocabulary for UTRAN".

[3] to [17] (void)

[18] 3GPP TS 34.171: "Terminal conformance specification; Assisted Global Positioning System (A-GPS); Frequency Division Duplex (FDD)".

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# 3 Definitions, symbols, abbreviations and equations

Void

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# 4 General test conditions

The requirements of the present document are provided in 3GPP TS 34.171 Release 9 [18].

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# 5 Void

## Annex A to G: Void

## Annex H (informative): Change history

Meeting	Document	CR	Rev	Subject	Cat	Version - old	Version - new	WG Document
RP-28	RP-050264	-	-	Approved to go under change control	-	2.0.0	6.0.0	R5-050832
RP-29	RP-050512	0001	-	Addition of test tolerances to TS 34.171	F	6.0.0	6.1.0	R5-051075
RP-29	RP-050512	0002	-	Addition of maximum permitted test time to test 5.6	F	6.0.0	6.1.0	R5-051290
RP-29	RP-050512	0003	-	Statistical testing in A-GPS	F	6.0.0	6.1.0	R5-051435
RP-29	RP-050512	0004	-	Change to method of selecting satellites in tests 5.4 and 5.5	F	6.0.0	6.1.0	R5-051437
RP-30	RP-050720	0005	-	Changes to test procedure in Test Case 5.6	F	6.1.0	6.2.0	R5-052322
RP-31	RP-060166	0006	-	Correction of SIBs to be broadcast	F	6.2.0	6.3.0	R5-060006
RP-31	RP-060166	0007	-	Correction of '5.6 Moving scenario and periodic updating' concerning statistics	F	6.2.0	6.3.0	R5-060589
RP-32	RP-060331	0008	-	Correction to allowable GPS Simulator Positioning Uncertainty	F	6.3.0	6.4.0	R5-061229
RP-32	RP-060331	0009	-	Horizontal accuracy IE change for nominal accuracy test	F	6.3.0	6.4.0	R5-061230
RP-33	RP-060560	0010	-	Implementation change for Moving Scenario and Periodic Update Performance Test	F	6.4.0	6.5.0	R5-062028
RP-33	RP-060560	0011	-	Test procedure change to A-GPS Minimum Performance TTFF test cases	F	6.4.0	6.5.0	R5-062029
RP-33	RP-060560	0012	-	Change to UE Simulated Altitude	F	6.4.0	6.5.0	R5-062093
RP-36	RP-070354	0013	-	Change to Pass/Fail criteria for Moving Scenario test case 5.6	F	6.5.0	6.6.0	R5-071344
				Without change in technical content the spec has been upgraded to Release-7 (v7.0.0)		6.6.0	7.0.0	
				Completion of previous entry in history table		7.0.0	7.0.1	
RP-39	RP-080098	0014		Addition of test case applicability and ICS proforma to TS 34.171	F	7.0.1	7.1.0	R5-080400
RP-40	RP-080363	0015		Deletion of PICS "Support of UE assisted Network Assisted GPS" from 34.171	F	7.1.0	7.2.0	<a href="#">R5-081347</a>
RP-43	RP-090205	0016		Update of TS 34.171 from Rel-7 to Rel-8	F	7.2.0	8.0.0	R5-090762
-	-	-	-	Update without change to 8.1.0		8.0.0	8.1.0	-
RP-48	RP-100511	0017	-	Removal of technical content in 34.171 v8.1.0 and substitution with pointer to the next Release	B	8.1.0	8.2.0	R5-103229



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# History

<b>Document history</b>		
V8.0.0	January 2009	Publication
V8.1.0	April 2009	Publication
V8.2.0	June 2010	Publication