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TECHNICAL REPORT

LTE;
Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 14.4.0 Release 14)

Reference

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Contents

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- 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

1 Scope

The present document specifies a general method used to derive Test Tolerances for Radio Resource Management tests, and establishes a system for relating the Test Tolerances to the measurement uncertainties of the Test System.

The test cases which have been analysed to determine Test Tolerances are included as .zip files.

The present document is applicable from Release 8 up to the release indicated on the front page of the present Terminal conformance specifications.

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.
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[1] to [8] (void)

[9] 3GPP TS 36.903 Release 15: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for Radio Resource Management (RRM) conformance tests"

3 Definitions, symbols and abbreviations

Void

4 General Principles

The requirements of the present document are provided in 3GPP TS 36.903 Release 15 [9].

5 to 7 Void

Annex A to C: Void

Annex D:
Change History

Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2010-02	RAN5#46	R5-072185	-	-	TR 36.903 Skeleton proposed for RAN5#46	-	0.0.1
2010-06	-	-	-	-	TR 36.903 update proposed	0.0.1	0.0.x
2010-08	RAN5#48	-	-	-	TR 36.903 update proposed	0.0.x	0.0.2
2010-08	RAN5#48	R5-104409	-	-	TR 36.903 update proposed including all docs agreed on RAN5#48	0.0.2	0.1.0
2010-09	-	-	-	-	Small editorial corrections	0.1.0	0.1.1
2010-09	RAN5#49	R5-106802	-	-	TR 36.903 update proposed including all docs agreed on RAN5#49	0.1.1	1.0.0
2010-12	RAN5#50	R5-101182	-	-	TR 36.903 v1.0.0 on Derivation of test tolerances for multi-cell RRM conformance tests (Approval)	1.0.0	8.0.0
2010-12	RAN5#50	-	-	-	Raised to v9.0.0 with no change	8.0.0	9.0.0
2011-09	RAN5#52	R5-113225	0001	-	Test Tolerance analysis for RRM test case 4.3.1.3	9.0.0	9.1.0
2011-09	RAN5#52	R5-113227	0002	-	RRM Test Tools agreed at RAN5#50 in TR 36.903	9.0.0	9.1.0
2011-09	RAN5#52	R5-113228	0003	-	RRM Test Tools agreed at RAN5#51 in TR 36.903	9.0.0	9.1.0
2011-09	RAN5#52	R5-113248	0004	-	Add Test Tolerance analysis for the inter RAT E-UTRAN handover test cases 5.2.1 and 5.2.2	9.0.0	9.1.0
2011-09	RAN5#52	R5-114008	0005	-	Add Test Tolerance analysis for E-UTRAN to UTRA TDD handover test case 5.2.4	9.0.0	9.1.0
2011-09	RAN5#52	R5-114010	0006	-	RRM Test Tools Updates agreed at RAN5#50 for TR 36.903	9.0.0	9.1.0
2011-09	RAN5#52	R5-114011	0007	-	Update Test Tolerance analysis for Test cases 8.x	9.0.0	9.1.0
2011-09	RAN5#52	R5-114012	0008	-	Test Tolerance analysis for TS36.521-3 FDD SON ANR test case 8.5.2	9.0.0	9.1.0
2011-09	RAN5#52	R5-114015	0009	-	Add Test Tolerance analysis for E-UTRAN FDD/TDD - UTRA FDD CPICH Ec/No absolute measurement accuracy test cases	9.0.0	9.1.0
2011-09	RAN5#52	R5-114017	0010	-	Add Test Tolerance analysis for E-UTRAN FDD- UTRAN TDD event triggered reporting under fading propagation conditions	9.0.0	9.1.0
2011-09	RAN5#52	R5-114018	0011	-	Update analysis for TC 8.3.3+8.4.3 in 36.903	9.0.0	9.1.0
2011-09	RAN5#52	R5-114020	0012	-	Add Uncertainties and TT analysis for TC 4.3.4.3 in 36.903	9.0.0	9.1.0
2011-09	RAN5#52	R5-114058	0013	-	Add Test Tolerance analysis for E-UTRAN to UTRA Cell Re-Selection test cases 4.3.4.1	9.0.0	9.1.0
2011-12	RAN5#53	R5-115149	0014	-	Add Inter-RAT test case groups in 36.903	9.1.0	9.2.0
2011-12	RAN5#53	R5-115825	0015	-	Test tolerances methodology for UE measurement procedures Inter-RAT event triggered reporting when DRX is used under fading test case 8.5.3 in TR 36.903	9.1.0	9.2.0
2011-12	RAN5#53	R5-115188	0016	-	Test Tolerance analysis for RRM test case 8.11.3	9.1.0	9.2.0
2011-12	RAN5#53	R5-115201	0017	-	Test Tolerance analysis for TS36.521-3 TDD SON ANR test case 8.7.3	9.1.0	9.2.0
2011-12	RAN5#53	R5-115402	0018	-	Test Tolerance analysis for RRM test case 4.3.3	9.1.0	9.2.0
2011-12	RAN5#53	R5-115788	0019	-	GCF Priority 2 - Add RRM Test Tolerance analysis for RRM test case 8.11.1 and 8.11.2	9.1.0	9.2.0
2011-12	RAN5#53	R5-115826	0020	-	Update of Test Tolerances analysis for ch.9 test cases	9.1.0	9.2.0
2011-12	RAN5#53	R5-115898	0021	-	Add test tolerance analysis for 6.1.3 and 6.1.4	9.1.0	9.2.0
2012-03	RAN5#54	R5-120108	0022	-	Test Tolerance analysis for TS36.521-3 TDD new CGI test cases 8.2.3 and 8.2.4	9.2.0	9.3.0
2012-03	RAN5#54	R5-120123	0023	-	Test Tolerance analysis for TS36.521-3 TDD Inter-frequency new CGI test cases 8.4.4 and 8.4.5.	9.2.0	9.3.0
2012-03	RAN5#54	R5-120246	0024	-	Update Test Tolerance analysis for RRM test cases 9.1.4.1 and 9.1.4.2	9.2.0	9.3.0
2012-03	RAN5#54	R5-120247	0025	-	Update RRM Test Tolerance analysis for TDD PRACH Test cases 6.2.3+6.2.4	9.2.0	9.3.0
2012-03	RAN5#54	R5-120248	0026	-	Add Test Tolerance analysis for RRM test case 8.11.4	9.2.0	9.3.0
2012-03	RAN5#54	R5-120906	0027	-	Add TT Analysis for TC 4.5.1.1 in 36.903	9.2.0	9.3.0
2012-03	RAN5#54	R5-120916	0028	-	Add TT Analysis for TC 5.3.1 in 36.903	9.2.0	9.3.0
2012-06	RAN5#55	R5-121246	0029	-	Grouping of positioning test cases in TR36.903	9.3.0	9.4.0
2012-06	RAN5#55	R5-121606	0030	-	Add Test Tolerance analysis for RRM test cases 4.2.4 and 4.2.5	9.3.0	9.4.0
2012-06	RAN5#55	R5-121608	0031	-	Add Test Tolerance analysis for RRM test cases 5.1.7 and 5.1.8	9.3.0	9.4.0