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Technical Specification

3rd Generation Partnership Project;

Technical Specification Group Radio Access Network;

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

(Release 16)

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# Foreword

This Technical Report 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

# 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.

- 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 unless the context in which the reference is made suggests a different Release is relevant (information on the applicable release in a particular context can be found in e.g. test case title, description or applicability, message description or content).

[1] to [8] (void)

[9] 3GPP TR 36.903 Release 17: "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 TR 36.903 Release 17 [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 |
| 2012-06 | RAN5#55 | R5-121610 | 0032 | - | Add Test Tolerance analysis for RRM test cases 8.14.1 | 9.3.0 | 9.4.0 |
| 2012-06 | RAN5#55 | R5-121612 | 0033 | - | Add Test Tolerance analysis for RRM test cases 8.15.1 | 9.3.0 | 9.4.0 |
| 2012-06 | RAN5#55 | R5-121614 | 0034 | - | Add Test Tolerance analysis for RRM test case 9.1.5.1 | 9.3.0 | 9.4.0 |
| 2012-06 | RAN5#55 | R5-121616 | 0035 | - | Addition of Test Tolerance analysis for FDD - TDD Inter Frequency Relative Accuracy of RSRP test case 9.1.5.2 | 9.3.0 | 9.4.0 |
| 2012-06 | RAN5#55 | R5-121926 | 0036 | - | TT 9.6.2 analysis for 36.903 | 9.3.0 | 9.4.0 |
| 2012-06 | RAN5#55 | R5-121928 | 0037 | - | Resubmission of TT Analysis for TC 4.5.1.1 in 36.903 | 9.3.0 | 9.4.0 |
| 2012-06 | RAN5#55 | - | - | - | Added two missing TT Analysis zip files | 9.4.0 | 9.4.1 |
| 2012-09 | RAN5#56 | R5-123213 | 0045 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 4.2.7 and 4.2.8 | 9.4.1 | 9.5.0 |
| 2012-09 | RAN5#56 | R5-123921 | 0038 | - | Update Test Tolerance analysis for RRM test case 9.1.2.1 | 9.4.1 | 9.5.0 |
| 2012-09 | RAN5#56 | R5-123922 | 0039 | - | Update Test Tolerance analysis for RRM test case 9.1.2.2 | 9.4.1 | 9.5.0 |
| 2012-09 | RAN5#56 | R5-123923 | 0040 | - | Update Test Tolerance analysis for RRM test cases 9.1.3.1+9.1.4.1 | 9.4.1 | 9.5.0 |
| 2012-09 | RAN5#56 | R5-123924 | 0041 | - | Update Test Tolerance analysis for RRM test cases 9.1.3.2+9.1.4.2 | 9.4.1 | 9.5.0 |
| 2012-09 | RAN5#56 | R5-123925 | 0042 | - | Update Test Tolerance analysis for RRM test cases 9.2.1.1+9.2.2.1 | 9.4.1 | 9.5.0 |
| 2012-09 | RAN5#56 | R5-123926 | 0043 | - | Update Test Tolerance analysis for RRM test cases 9.2.3.1+9.2.4.1 | 9.4.1 | 9.5.0 |
| 2012-09 | RAN5#56 | R5-123927 | 0044 | - | Update Test Tolerance analysis for RRM test cases 9.2.3.2+9.2.4.2 | 9.4.1 | 9.5.0 |
| 2012-12 | RAN5#57 | R5-125558 | 0048 | - | Addition of uncertainties and test tolerance definition and analysis for TC 9.2.4A.1 | 9.5.0 | 9.6.0 |
| 2012-12 | RAN5#57 | R5-125815 | 0049 | - | Addition of uncertainties and test tolerance definition and analysis for TC 4.5.2.1 | 9.5.0 | 9.6.0 |
| 2012-12 | RAN5#57 | R5-125816 | 0050 | - | Addition of uncertainties and test tolerance definition and analysis for TC 5.3.5 | 9.5.0 | 9.6.0 |
| 2012-12 | RAN5#57 | R5-125817 | 0051 | - | Addition of uncertainties and test tolerance definition and analysis for TC 8.14.2 | 9.5.0 | 9.6.0 |
| 2012-12 | RAN5#57 | R5-125818 | 0052 | - | Addition of uncertainties and test tolerance definition and analysis for TC 8.15.2 | 9.5.0 | 9.6.0 |
| 2012-12 | RAN5#57 | R5-125819 | 0053 | - | Addition of uncertainties and test tolerance definition and analysis for TC 8.14.3 and 8.15.3 | 9.5.0 | 9.6.0 |
| 2012-12 | RAN5#57 | R5-125820 | 0054 | - | Addition of uncertainties and test tolerance definition and analysis for TC 9.2.4A.2 | 9.5.0 | 9.6.0 |
| 2012-12 | RAN5#57 | R5-125356 | 0046 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 8.16.1 and 8.16.2 | 9.6.0 | 10.0.0 |
| 2012-12 | RAN5#57 | R5-125362 | 0047 | - | Update TS 36.521-3 Test cases 5.2.3+5.2.6 Test Tolerance analyses for >3GHz | 9.6.0 | 10.0.0 |
| 2013-03 | RAN5#58 | R5-130055 | 0055 | - | Update TS 36.521-3 Test cases 7.1.1+7.1.2 Test Tolerance analyses | 10.0.0 | 10.1.0 |
| 2013-03 | RAN5#58 | R5-130057 | 0056 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.1.6.1 and 9.1.7.1 | 10.0.0 | 10.1.0 |
| 2013-03 | RAN5#58 | R5-130059 | 0057 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.1.6.2 and 9.1.7.2 | 10.0.0 | 10.1.0 |
| 2013-03 | RAN5#58 | R5-130061 | 0058 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.2.5.1 and 9.2.6.1 | 10.0.0 | 10.1.0 |
| 2013-03 | RAN5#58 | R5-130063 | 0059 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.2.5.2 and 9.2.6.2 | 10.0.0 | 10.1.0 |
| 2013-03 | RAN5#58 | R5-130393 | 0061 | - | Addition of test tolerance analysis for TCs 6.3.1+6.3.9 | 10.0.0 | 10.1.0 |
| 2013-03 | RAN5#58 | R5-130394 | 0062 | - | Addition of test tolerance analysis for TCs 6.3.3+6.3.10 | 10.0.0 | 10.1.0 |
| 2013-03 | RAN5#58 | R5-130933 | 0063 | - | Addition of uncertainties and test tolerance definition and analysis for TC 8.16.3 and TC 8.16.4 | 10.0.0 | 10.1.0 |
| 2013-06 | RAN5#59 | R5-131179 | 0077 | - | RRM: Add test tolerance analyses for TCs 8.1.5 and 8.1.6 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131181 | 0065 | - | RRM: Add test tolerance analyses for TCs 8.3.4 and 8.3.5 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131279 | 0066 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.2.7.1, 9.2.8.1 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131285 | 0067 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 8.11.5, 8.11.6 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131287 | 0068 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.5.1, 9.5.2 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131290 | 0069 | - | Remove superseded analysis zip files | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131400 | 0070 | - | Test Tolerance analyses for TS 36.521-3 test cases 5.2.4 and 5.2.5 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131401 | 0071 | - | Test Tolerance analyses for TS 36.521-3 test case 8.5.4 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131402 | 0072 | - | Test Tolerance analyses for TS 36.521-3 test cases 8.7.4 and 8.9.2 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131461 | 0073 | - | Addition of test tolerance analysis for TCs 6.3.2+6.3.12 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131464 | 0074 | - | Addition of test tolerance analysis for TCs 6.3.4+6.3.11 | 10.1.0 | 10.2.0 |
| 2013-06 | RAN5#59 | R5-131467 | 0075 | - | Addition of test tolerance analysis for TCs 6.3.5+6.3.6+6.3.7+6.3.8 | 10.1.0 | 10.2.0 |
| 2013-09 | RAN5#60 | R5-133100 | 0078 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.1.8.1+9.1.9.1 | 10.2.0 | 10.3.0 |
| 2013-09 | RAN5#60 | R5-133102 | 0079 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.1.8.2+9.1.9.2 | 10.2.0 | 10.3.0 |
| 2013-09 | RAN5#60 | R5-133104 | 0080 | - | Update Test Tolerance analyses for TS 36.521-3 Test cases 9.1.3.x and 9.1.4.x | 10.2.0 | 10.3.0 |
| 2013-09 | RAN5#60 | R5-133106 | 0081 | - | Test Tolerances update for eICIC absolute RSRQ Test cases 9.2.7.1+9.2.8.1 | 10.2.0 | 10.3.0 |
| 2013-09 | RAN5#60 | R5-133219 | 0082 | - | RRM: Test tolerance analyses for TCs 9.6.1 and 9.6.2 | 10.2.0 | 10.3.0 |
| 2013-09 | RAN5#60 | R5-133349 | 0083 | - | Update Test Tolerance analyses for TS 36.521-3 Test cases 9.1.1.1 and 9.1.2.1 | 10.2.0 | 10.3.0 |
| 2013-09 | RAN5#60 | R5-133374 | 0084 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 9.1.1 and 9.1.2 | 10.2.0 | 10.3.0 |
| 2013-09 | RAN5#60 | R5-133376 | 0085 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 9.1.3 and 9.1.4 | 10.2.0 | 10.3.0 |
| 2013-09 | RAN5#60 | R5-133843 | 0086 | - | LBS Perf: Test tolerance analyses for TCs 8.1.1 and 8.1.2 | 10.2.0 | 10.3.0 |
| 2013-12 | RAN5#61 | R5-134144 | 0087 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.1.12.1 and 9.1.13.1 | 10.3.0 | 10.4.0 |
| 2013-12 | RAN5#61 | R5-134146 | 0088 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.1.12.2 and 9.1.13.2 | 10.3.0 | 10.4.0 |
| 2013-12 | RAN5#61 | R5-134148 | 0089 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.2.11.1 and 9.2.12.1 | 10.3.0 | 10.4.0 |
| 2013-12 | RAN5#61 | R5-134150 | 0090 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 9.2.11.2 and 9.2.12.2 | 10.3.0 | 10.4.0 |
| 2013-12 | RAN5#61 | R5-134220 | 0091 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 8.20.3 | 10.3.0 | 10.4.0 |
| 2013-12 | RAN5#61 | R5-134222 | 0092 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.2.9.1 and 9.2.10.1 | 10.3.0 | 10.4.0 |
| 2013-12 | RAN5#61 | R5-135015 | 0093 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 9.2.1 and 9.2.2 | 10.3.0 | 10.4.0 |
| 2013-12 | RAN5#61 | R5-135017 | 0094 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 9.2.4 and 9.2.5 | 10.3.0 | 10.4.0 |
| 2013-12 | RAN5#61 | - | - | - | Upgraded to Rel-11 with no change | 10.4.0 | 11.0.0 |
| 2013-12 | RAN5#61 | R5-134215 | 0108 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 9.1.17.1 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-134217 | 0109 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 9.2.17.1 and update 9.2.1.1+9.2.2.1 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-134611 | 0102 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 7.2.3 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135050 | 0095 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 4.2.9 and update 4.2.1+4.2.2 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135051 | 0096 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 4.3.1.4 and update 4.3.1.2+4.3.3 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135052 | 0097 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 5.1.9 and update 5.1.1+5.1.2 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135053 | 0098 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 5.2.11 and update 5.2.1+5.2.2 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135054 | 0099 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 6.1.5 and update 6.1.1+6.1.3 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135055 | 0100 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 6.2.5 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135056 | 0101 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 6.2.6 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135058 | 0103 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 7.3.23 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135059 | 0104 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 7.3.25 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135060 | 0105 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 8.1.9 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135061 | 0106 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 8.1.10 | 11.0.0 | 12.0.0 |
| 2013-12 | RAN5#61 | R5-135062 | 0107 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 8.5.7 | 11.0.0 | 12.0.0 |
| 2014-03 | RAN5#62 | R5-140083 | 0110 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 8.20.1 and 8.20.2 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-140233 | 0113 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 9.1.16.2 and update 9.1.1.2+9.1.2.2 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-140235 | 0114 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 9.1.18.1 and update 9.2.3.1+9.2.4.1 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-140237 | 0115 | - | Add Test Tolerance analyses for TS 36.521-3 Test case 9.1.18.2 and update 9.2.3.2+9.2.4.2 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-140239 | 0116 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 8.20.4 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-140288 | 0118 | - | Addition of test tolerance analysis for TC 7.3.24 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-140292 | 0119 | - | Addition of test tolerance analysis for TC 9.1.17.2 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-140294 | 0120 | - | Addition of test tolerance analysis for TC 9.3.3 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-140296 | 0121 | - | Addition of test tolerance analysis for TC 9.4.3 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-140864 | 0122 | - | Addition of test tolerance analysis for TC 9.1.16.1 | 12.0.0 | 12.1.0 |
| 2014-03 | RAN5#62 | R5-141051 | 0117 | - | Addition of test tolerance analysis for TC 7.1.5 | 12.0.0 | 12.1.0 |
| 2014-06 | RAN5#63 | R5-142373 | 0123 | - | Update Test Tolerance analyses for TS 36.521-3 Test cases 9.1.8.1+9.1.9.1 | 12.1.0 | 12.2.0 |
| 2014-06 | RAN5#63 | R5-142377 | 0124 | - | Update Test Tolerance analyses for TS 36.521-3 Test cases 9.1.8.2+9.1.9.2 | 12.1.0 | 12.2.0 |
| 2014-06 | RAN5#63 | R5-142381 | 0125 | - | Update Test Tolerance analyses for TS 36.521-3 Test cases 9.2.7.1+9.2.8.1 | 12.1.0 | 12.2.0 |
| 2014-06 | RAN5#63 | R5-142545 | 0126 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 8.1.7 and 8.2.5 | 12.1.0 | 12.2.0 |
| 2014-06 | RAN5#63 | R5-142552 | 0127 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 7.3.11,7.3.12,7.3.15 and 7.3.16 | 12.1.0 | 12.2.0 |
| 2014-06 | RAN5#63 | R5-142712 | 0128 | - | Test Tolerance analysis for eICIC RRM TC 9.1.10.1, 9.1.11.1 | 12.1.0 | 12.2.0 |
| 2014-06 | RAN5#63 | R5-142751 | 0129 | - | Update Test Tolerance analyses for TS 36.521-3 Test cases 9.2.9.1+9.2.10.1 | 12.1.0 | 12.2.0 |
| 2014-06 | RAN5#63 | R5-142763 | 0130 | - | Addition of test tolerance analysis for 36.521-3 test case 9.1.10.2, 9.1.11.2 | 12.1.0 | 12.2.0 |
| 2014-06 | RAN5#63 | R5-143021 | 0131 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 7.3.9,7.3.10,7.3.13 and 7.3.14 | 12.1.0 | 12.2.0 |
| 2014-09 | RAN5#64 | R5-144126 | 0132 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 8.16.5 and 8.16.6 | 12.2.0 | 12.3.0 |
| 2014-09 | RAN5#64 | R5-144128 | 0133 | - | Add Test Tolerance analyses for TS 36.521-3 Test cases 8.16.7 and 8.16.8 | 12.2.0 | 12.3.0 |
| 2014-09 | RAN5#64 | R5-144144 | 0134 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.3 and 10.4 | 12.2.0 | 12.3.0 |
| 2014-09 | RAN5#64 | R5-144146 | 0135 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.3A and 10.4A | 12.2.0 | 12.3.0 |
| 2014-09 | RAN5#64 | R5-144290 | 0136 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 8.3.6 | 12.2.0 | 12.3.0 |
| 2014-09 | RAN5#64 | R5-144292 | 0137 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 8.5.6 | 12.2.0 | 12.3.0 |
| 2014-09 | RAN5#64 | R5-144294 | 0138 | - | Update Test Tolerance analyses for TS 36.521-3 Test cases 8.3.3+8.4.3 | 12.2.0 | 12.3.0 |
| 2014-09 | RAN5#64 | R5-144834 | 0139 | - | Addition of test tolerance analysis for 36.521-3 test case 9.4.1, 9.4.2 and 9.4.3 | 12.2.0 | 12.3.0 |
| 2014-12 | RAN5#65 | R5-145167 | 0140 | - | Update Test Tolerance Analyses for TS 37.571-1 Test Cases 9.1.1 and 9.1.2 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145168 | 0141 | - | Update Test Tolerance Analyses for TS 37.571-1 Test Cases 9.2.1 and 9.2.2 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145298 | 0142 | - | Update Test Tolerance analyses for TS 36.521-3 Test case 8.5.3 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145300 | 0143 | - | Add Test Tolerance analysis for feICIC RSRQ absolute accuracy Test cases | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145302 | 0144 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.2.21.1 and 9.2.22.1 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145304 | 0145 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.2.21.2 and 9.2.22.2 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145321 | 0146 | - | Add Test Tolerance analysis for TS 36.521-3 feICIC test cases 9.1.14.1 and 9.1.15.1 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145323 | 0147 | - | Add Test Tolerance analysis for TS 36.521-3 feICIC test cases 9.1.14.2 and 9.1.15.2 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145828 | 0148 | - | Test Tolerance Analysis for TS 37.571-1 TC 8.1.5+8.1.6 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145829 | 0149 | - | Add Test Tolerance analysis for TS 36.521-3 feICIC test cases 7.3.17 and 7.3.18 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145830 | 0150 | - | Add Test Tolerance analysis for TS 36.521-3 feICIC test cases 7.3.19, 7.3.20, 7.3.21 and 7.3.22 | 12.3.0 | 12.4.0 |
| 2014-12 | RAN5#65 | R5-145924 | 0151 | - | Test Tolerance Analysis for TS 36.521-3 TC 8.1.8+8.2.6 | 12.3.0 | 12.4.0 |
| 2015-03 | RAN5#66 | R5-150078 | 0152 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.1 and 10.2 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150079 | 0153 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.1A and 10.2A | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150080 | 0154 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.1B and 10.2B | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150081 | 0155 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.1C and 10.2C | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150083 | 0156 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.3B and 10.4B | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150084 | 0157 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.3C and 10.4C | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150219 | 0158 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 4.3.1.3 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150221 | 0159 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 4.3.4.3 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150223 | 0160 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 8.5.2 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150225 | 0161 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 8.7.3 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150227 | 0162 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 8.9.1 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150229 | 0163 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 8.8.1+8.10.1 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150231 | 0164 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 8.8.2+8.10.2 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150293 | 0165 | - | Add Test Tolerance analysis for TCs 8.16.9+8.16.10 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150305 | 0166 | - | Add Test Tolerance analysis for TCs 8.16.11+8.16.12 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150307 | 0167 | - | Add Test Tolerance analysis for TCs 8.16.13+8.16.14 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150309 | 0168 | - | Add Test Tolerance analysis for TCs 8.16.15+8.16.16 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150311 | 0169 | - | Add Test Tolerance analysis for TCs 9.1.18.1+9.1.19.1 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150313 | 0170 | - | Add Test Tolerance analysis for TCs 9.1.18.2+9.1.19.2 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150315 | 0171 | - | Add Test Tolerance analysis for TCs 9.1.20.1+9.1.21.1 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150317 | 0172 | - | Add Test Tolerance analysis for TCs 9.1.20.2+9.1.21.2 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150319 | 0173 | - | Add Test Tolerance analysis for TCs 9.2.23.1+9.2.24.1 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150325 | 0174 | - | Add Test Tolerance analysis for TCs 9.2.23.2+9.2.24.2 36.903 CR | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150853 | 0175 | - | Update Test Tolerance analyses for TS 36.521-3 Test case 5.1.5 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150854 | 0176 | - | Update Test Tolerance analyses for TS 36.521-3 Test case 5.1.6 | 12.4.0 | 12.5.0 |
| 2015-03 | RAN5#66 | R5-150855 | 0177 | - | Update Test Tolerance analyses for TS 36.521-3 Test case 5.2.3, 5.2.6 | 12.4.0 | 12.5.0 |
| 2015-06 | RAN5#67 | R5-151078 | 0178 | - | Update Test Tolerance Analyses for TS 37.571-1 Test Cases 9.1.3 and 9.1.4 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151079 | 0179 | - | Update Test Tolerance Analyses for TS 37.571-1 Test Cases 9.2.4 and 9.2.5 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151080 | 0180 | - | Update Test Tolerance Analyses for TS 37.571-1 Test Cases 10.3 and 10.4 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151081 | 0181 | - | Update Test Tolerance Analyses for TS 37.571-1 Test Cases 10.3A and 10.4A | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151082 | 0182 | - | Add Test Tolerance Analysis for TS 37.571-1 Test Case 10.2D | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151084 | 0183 | - | Add Test Tolerance Analysis for TS 37.571-1 Test Case 10.4D | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151132 | 0184 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.9.1.1 and 9.9.2.1 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151134 | 0185 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.9.1.2 and 9.9.2.2 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151263 | 0186 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 8.3.1+8.3.2+8.14.1+8.14.2 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151264 | 0187 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 8.4.1+8.4.2+8.15.1+8.15.2 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151265 | 0188 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 9.2.4A.1 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151266 | 0189 | - | Update Test Tolerance Analysis for TS 36.521-3 TC 9.2.4A.2 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151541 | 0198 | - | Add Test Tolerance analysis for TC 8.16.21 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151543 | 0199 | - | Add Test Tolerance analysis for TC 8.16.22 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151545 | 0200 | - | Add Test Tolerance analysis for TCs 9.1.24.1 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151547 | 0201 | - | Add Test Tolerance analysis for TCs 9.1.24.1\_1 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151549 | 0202 | - | Add Test Tolerance analysis for TC 9.1.24.2 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151553 | 0204 | - | Add Test Tolerance analysis for TC 9.2.27.2 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151837 | 0190 | 1 | Update Test Tolerances and Test requirements for TS 36.521-3 Test cases 4.2.3, 4.2.4, 4.2.5, 4.2.6 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151839 | 0191 | 1 | Update Test Tolerance analyses for TS 36.521-3 Test case 9.1.5.1 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151841 | 0192 | 1 | Update Test Tolerances and Test requirements for TS 36.521-3 Test case 9.1.5.2 | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151843 | 0194 | 1 | Add Test Tolerance analysis for Rel-12 Improved RSRP accuracy Test cases | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151845 | 0195 | 1 | Update Test Tolerance analysis for TCs 8.11.1+8.11.2 for frequencies above 3GHz 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151847 | 0196 | 1 | Update Test Tolerance analysis for TC 8.11.3 for frequencies above 3GHz 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151849 | 0197 | 1 | Update Test Tolerance analysis for TC 8.11.4 for frequencies above 3GHz 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-06 | RAN5#67 | R5-151851 | 0203 | 1 | Add Test Tolerance analysis for TC 9.2.27.1 36.903 CR | 12.5.0 | 12.6.0 |
| 2015-09 | RAN5#68 | R5-153175 | 0205 | - | Update Test Tolerance analyses for TS 36.521-3 Test case 4.3.1.1 | 12.6.0 | 12.7.0 |
| 2015-09 | RAN5#68 | R5-153178 | 0206 | - | Update Test Tolerance analyses for Test case 4.3.4.1 | 12.6.0 | 12.7.0 |
| 2015-09 | RAN5#68 | R5-153180 | 0207 | - | Update Test Tolerance analyses for TS 36.521-3 Test cases 5.1.3+5.1.4+5.1.7+5.1.8 | 12.6.0 | 12.7.0 |
| 2015-09 | RAN5#68 | R5-153252 | 0208 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 8.20.2B | 12.6.0 | 12.7.0 |
| 2015-09 | RAN5#68 | R5-153444 | 0209 | - | Add Test Tolerance analysis for TCs 7.1.3+7.1.3\_1+7.1.4+7.1.4\_1 36.903 CR | 12.6.0 | 12.7.0 |
| 2015-09 | RAN5#68 | R5-153531 | 0210 | - | Update Test Tolerance analyses for TS 36.521-3 Test case 5.2.7 | 12.6.0 | 12.7.0 |
| 2015-09 | RAN5#68 | R5-153543 | 0211 | - | Update Test Tolerance analyses for TS 36.521-3 Test cases 5.2.8 and 5.2.9 | 12.6.0 | 12.7.0 |
| 2015-09 | RAN5#68 | R5-153546 | 0212 | - | Update Test Tolerance analyses for TS 36.521-3 Test case 5.2.10 | 12.6.0 | 12.7.0 |
| 2015-09 | RAN5#68 | - | - | - | update of the "non-specific references" in section 2 according to the approved R5-153582 and an action point on ETSI MCC | 12.6.0 | 12.7.0 |
| 2015-12 | RAN5#69 | R5-155017 | 0213 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.3A\_1 and 10.4A\_1 | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155095 | 0214 | - | Add Test Tolerance analysis for 7.1.4A | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155140 | 0215 | - | Update Test Tolerance analysis for TS 36.521-3 Test cases 4.3.2 and 4.3.4.2 | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155142 | 0216 | - | Update Test Tolerance analysis for TS 36.521-3 Test cases 4.4.1 and 4.4.2 | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155148 | 0219 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 8.20.4A | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155150 | 0220 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 8.20.4B | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155195 | 0221 | - | Update Test Tolerance analyses for serving cell Intra Frequency Absolute RSRQ Accuracy Test cases | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155198 | 0222 | - | Add Test Tolerance analysis for 2DL CA activation and deactivation of known SCell in non-DRX Test cases | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155202 | 0224 | - | Add Test Tolerance analysis for 3DL CA Event Triggered Reporting under Deactivated SCells in Non-DRX Test cases | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155206 | 0225 | - | Add Test Tolerance analysis for 3DL E-UTRA for Carrier Aggregation RSRP Accuracy Test cases | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155208 | 0226 | - | Add Test Tolerance analysis for 3DL E-UTRA for Carrier Aggregation RSRQ Accuracy Test cases | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155418 | 0227 | - | Addition of Test Tolerance analysis for 3DL E-UTRA for Carrier Aggregation RSRP Accuracy Test cases | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155588 | 0228 | - | Add Test Tolerance analysis for TCs 8.16.31+8.16.32+8.16.33+8.16.34 36.903 CR | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155882 | 0223 | 1 | Add Test Tolerance analysis for E-UTRAN TDD – UE Timing Advanced Adjustment Accuracy Test for SCell in sTAG | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155886 | 0217 | 1 | Update Test Tolerance analysis for TS 36.521-3 Test cases 4.5.1.1 and 4.5.2.1 | 12.7.0 | 12.8.0 |
| 2015-12 | RAN5#69 | R5-155887 | 0218 | 1 | Add Test Tolerance analysis for TS 36.521-3 Test case 8.20.2A | 12.7.0 | 12.8.0 |
| 2016-03 | RAN#71 | R5-160199 | 0229 | - | Band 66 update of Test Tolerance analyses for 3DL E-UTRA for CA RSRP Accuracy Test cases | 12.8.0 | 12.9.0 |
| 2016-03 | RAN#71 | R5-160223 | 0230 | - | Add TT analysis for 8.16.23 and 8.16.24 TDD-FDD CA event triggered reporting under deactivated SCell in non-DRX with PCell in FDD/TDD 36.903 | 12.8.0 | 12.9.0 |
| 2016-03 | RAN#71 | R5-160224 | 0231 | - | Add TT analysis for 8.16.25 and 8.16.26 TDD-FDD CA event triggered reporting on deactivated SCell with PCell interruption in non-DRX with PCell in FDD/TDD 36.903 | 12.8.0 | 12.9.0 |
| 2016-03 | RAN#71 | R5-160551 | 0234 | - | Add Test Tolerance analysis for E-UTRAN 3DL CA Activation and Deactivation of Known SCell in Non-DRX | 12.8.0 | 12.9.0 |
| 2016-03 | RAN#71 | R5-160875 | 0232 | 1 | Add Test Tolerance analysis for RRM test cases 7.1.6, 7.1.7, 7.1.7A and 7.1.7B | 12.8.0 | 12.9.0 |
| 2016-03 | RAN#71 | R5-160882 | 0233 | 1 | Update Test Tolerance analysis for RRM test cases 7.1.3, 7.1.3\_1, 7.1.4, 7.1.4\_1, and 7.1.4A | 12.8.0 | 12.9.0 |
| 2016-06 | RAN#72 | R5-162112 | 0235 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.5 and 10.6 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162115 | 0236 | - | Add Test Tolerance Analyses for TS 37.571-1 Test Cases 10.7 and 10.8 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162261 | 0239 | - | Test Tolerance analysis for Cat 0 RLM out of sync (non-DRX) test cases | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162264 | 0240 | - | Test Tolerance analysis for Cat 0 RLM out of sync DRX test cases | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162270 | 0241 | - | Test Tolerance analysis for Cat 0 RLM in sync non-DRX test cases | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162273 | 0242 | - | Test Tolerance analysis for Cat 0 RLM in sync DRX test cases | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162398 | 0244 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.1.6.1\_1 and 9.1.12.1\_1 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162400 | 0245 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.1.6.2\_1 and 9.1.12.2\_1 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162429 | 0246 | - | Update of Test Tolerance analyses for intra-freq absolute RSRP accuracy Test cases to include bands 65 and 66 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162431 | 0247 | - | Update of Test Tolerance analyses for intra-freq absolute RSRP accuracy Test cases Rel-12 to include bands 65 and 66 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162435 | 0248 | - | Update of Test Tolerance analyses for intra-freq relative RSRP accuracy Test cases to include bands 65 and 66 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162438 | 0249 | - | Update of Test Tolerance analyses for inter-freq relative RSRP accuracy Test cases to include bands 65 and 66 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162736 | 0253 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 9.1.25 and 9.1.26 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162892 | 0238 | 1 | Add Test Tolerance analysis for MTC RRM test cases 8.1.12, 8.1.13, 8.1.17 and 8.1.18 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162893 | 0237 | 1 | Add Test Tolerance analysis for MTC RRM test cases 8.1.11 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162896 | 0250 | 1 | Add Test Tolerance analysis for TS 36.521-3 Test case 8.22.1 and 8.22.2 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-162898 | 0251 | 1 | Add Test Tolerance analysis for TS 36.521-3 Test case 8.22.3 and 8.22.4 | 12.9.0 | 12.10.0 |
| 2016-06 | RAN#72 | R5-163115 | 0243 | 1 | Add Test Tolerance analysis for TS 37.571-1 Test cases 8.1.3 and 8.1.4 | 12.9.0 | 12.10.0 |
| 2016-09 | RAN#73 | R5-165167 | 0254 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.1.3.1\_1 and 9.1.4.1\_1 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-165294 | 0259 | - | Band 66 update of Test Tolerance analyses for Inter-freq relative RSRP accuracy Test cases | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-165303 | 0260 | - | Update of Test Tolerance analyses for Test case 9.1.24 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-165523 | 0264 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 8.22.9 and 8.22.10 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-165524 | 0265 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 9.2.28 and 9.2.29 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-165525 | 0266 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 9.2.30 and 9.2.31 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-165526 | 0267 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 9.2.32 and 9.2.33 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-165578 | 0270 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 9.1.27 and 9.1.28 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-165579 | 0271 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 9.1.33 and 9.1.34 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-166097 | 0261 | 1 | Update of Test Tolerance analyses for 10.2 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-166099 | 0262 | 1 | Update of Test Tolerance analyses for 7.5.4 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-166101 | 0255 | 1 | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.1.3.2\_1 and 9.1.4.2\_1 | 12.10.0 | 12.11.0 |
| 2016-09 | RAN#73 | R5-166307 | 0263 | 1 | Addition of Test Tolerance analysis for intra frequency absolute and relative CSI-RSRP accuracies in CRI-RS based discovery signal Test cases | 12.10.0 | 12.11.0 |
| 2016-12 | RAN#74 | R5-168169 | 0275 | F | Addition of Test Tolerance analysis for inter frequency absolute and relative CSI-RSRP accuracies in CSI-RS based discovery signal Test cases | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168171 | 0276 | F | Addition of Test Tolerance analysis for FDD/TDD absolute and relative CSI-RSRP accuracies for E-UTRAN Carrier Aggregation in CSI-RS based discovery signal Test cases | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168260 | 0278 | F | Update of Test Tolerance analyses for 3 DL CA Activation and Deactivation of Unknown SCell in Non-DRX test cases | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168477 | 0285 | F | Add Test Tolerance analysis for MTC RRM test cases 9.2.42.1,9.2.43.1 and 9.2.44.1 | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168519 | 0289 | F | Update of Test Tolerance analyses for 10.4 | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168585 | 0291 | F | Update to Test Tolerance analysis for TS 36.521-3 Test case 9.1.27 and 9.1.28 | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168685 | 0294 | F | PCC-SCC swap update of Test Tolerance analyses for 10+20MHz RSRQ accuracy Test cases | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168817 | 0295 | F | Update of Test Tolerance analyses for DC RLM out of sync DRX test cases | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168819 | 0296 | F | Update of Test Tolerance analyses for DC RLM in sync DRX test cases | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168831 | 0297 | F | Update of Test Tolerance analyses for TC 9.1.5.1 to cater for FDD\_B | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168835 | 0298 | F | Update of Test Tolerance analyses for TC 9.1.5.2 to cater for FDD\_B | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168838 | 0299 | F | Update of Test Tolerance analyses for TC’s 9.1.6.1, 9.1.7.1, 9.1.12.1 and 9.1.13.1 to cater for FDD\_B | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-169596 | 0279 | F | Add Test Tolerance analysis for DC RRM test cases 8.23.4, 8.23.5 and 8.23.6 | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-169604 | 0293 | F | PCC-SCC swap update of Test Tolerance analyses for 10+20MHz TDD-TDD inter-frequency event triggered reporting test cases | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-169605 | 0300 | F | Update of Test Tolerance analyses for TC’s 9.1.6.2, 9.1.7.2, 9.1.12.2 and 9.1.13.2 to cater for FDD\_B | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-169607 | 0272 | F | Add Test Tolerance analysis for TS 36.521-3 Test case 9.1.41.1, 9.1.42.1 and 9.1.43.1 | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-169608 | 0273 | F | Add Test Tolerance analysis for TS 36.521-3 Test case 9.1.41.2, 9.1.42.2 and 9.1.43.2 | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-169728 | 0286 | F | Add Test Tolerance analysis for MTC RRM test cases 8.1.19, 8.1.20,8.1.21 and 8.1.22 | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-169729 | 0287 | F | Add Test Tolerance analysis for MTC RRM test cases 8.2.7 and 8.2.8 | 12.11.0 | 12.12.0 |
| 2016-12 | RAN#74 | R5-168173 | 0277 | F | Addition of Test Tolerance analysis for intra frequency absolute and relative RSRP accuracies of Cat-M1 UE in CEModeA | 12.12.0 | 13.0.0 |
| 2016-12 | RAN#74 | R5-168358 | 0283 | F | Test tolerance calculation for OOS RLM test cases for CE Mode A | 12.12.0 | 13.0.0 |
| 2016-12 | RAN#74 | R5-168360 | 0284 | F | Test tolerance calculation for IS RLM test cases for CE Mode A | 12.12.0 | 13.0.0 |
| 2016-12 | RAN#74 | R5-169598 | 0292 | F | Add Test Tolerance analysis for TS 36.521-3 Test case 9.1.57, 9.1.58 and 9.1.59 | 12.12.0 | 13.0.0 |
| 2017-03 | RAN#75 | R5-170790 | 0310 | - | Update to Test Tolerance analysis for the Test cases 9.1.29 and 9.1.30 | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171078 | 0316 | - | Test Tolerance analysis for TS 36.521-3 Test case 8.22.5 and 8.22.6 | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171198 | 0320 | - | Update of Test Tolerance analyses for TDD Relative RSRP Accuracy for E-UTRA Carrier Aggregation for 20MHz + 10MHz | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171782 | 0315 | 1 | Test Tolerance analyses updates for TC’s 9.1.8.1, 9.1.9.1 to cater for FDD\_B | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171784 | 0319 | 1 | PCC-SCC swap update of Test Tolerance analyses for 10+20MHz TDD-TDD inter-frequency event triggered reporting test cases | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171930 | 0311 | 1 | Add Test Tolerance analysis for TS 36.521-3 Test case 8.26.5 and 8.26.6 | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171961 | 0313 | 1 | Add Test Tolerance analysis for DC RRM test cases 8.23.1, 8.23.2 and 8.23.3 | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171966 | 0307 | 2 | Add Test Tolerance analysis for Cat NB1 intra-freq cell reselection Test case | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171980 | 0301 | 2 | Add Test Tolerance Analyses for TS 36.521-3 Test Cases 4.2.15, 4.2.16, and 4.2.17 | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171981 | 0306 | 1 | Add Test Tolerance analyses for UE Cat M1 Handover Test cases | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171982 | 0308 | 2 | Addition of Test Tolerance analysis for test cases 8.1.33, 8.1.34 and 8.1.35 for Cat-M1 UE in CEModeB | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171983 | 0309 | 2 | Addition of Test Tolerance analysis for the Test Cases 8.1.23, 8.1.24, and 8.1.25 for Cat-M1 UE in CEModeA | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171984 | 0317 | 1 | Test Tolerance analyses to 36.903 for TC 6.1.12 - 14 eMTC CEModeB | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171988 | 0304 | 2 | Test Tolerance Analysis for RRM TC 9.1.18.2\_1, 9.1.19.2\_1 and 9.1.24.2\_1 | 13.0.0 | 13.1.0 |
| 2017-03 | RAN#75 | R5-171989 | 0305 | 2 | Test Tolerance Analysis for RRM TC 9.9.1.1\_1 and 9.9.2.1\_1 | 13.0.0 | 13.1.0 |
| 2017-06 | RAN#76 | R5-172236 | 0326 | - | Add Test Tolerance Analysis in 36.903 for TCs 5.1.16, 5.1.17 and 5.1.18 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172284 | 0327 | - | Update of Test Tolerance analysis to include 8.26.7 and 8.26.8 E-UTRAN FDD/TDD-FS3 Intra-frequency event triggered reporting in DRX for CRS based discovery signal | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172288 | 0328 | - | Add Test Tolerance analysis for Contention Based Random Access Tests for Cat-M1 UEs in Enhanced Coverage Test cases | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172330 | 0329 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.1.7.1\_1+9.1.13.1\_1 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172332 | 0330 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.1.7.2\_1+9.1.13.2\_1 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172334 | 0331 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.1.8.1\_1+9.1.9.1\_1 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172336 | 0332 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.1.10.1\_1+9.1.11.1\_1 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172662 | 0342 | - | PCC-SCC swap update of Test Tolerance analyses for 10+20MHz TDD event triggered reporting on deactivated SCell with PCell interruption in non-DRX | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172732 | 0346 | - | Test Tolerance analysis for TS 36.521-3 Test case 8.22.11 and 8.22.12 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172745 | 0347 | - | Test Tolerance: Analysis of Test cases 9.2.51 and 9.2.52 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-172751 | 0348 | - | Test Tolerance analyses updates for TC’s 9.1.8.2, 9.1.9.2 to cater for FDD\_B | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173058 | 0324 | 1 | LAA: Test Tolerance Analysis for RRM TC 9.1.55 and 9.1.56 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173060 | 0337 | 2 | Test tolerance analysis for the test cases 8.26.3 and 8.26.4 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173062 | 0339 | 2 | Test tolerance analysis for the test cases 7.1.17 and 7.1.18 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173069 | 0335 | 2 | Add Test Tolerance analysis for Cat-M1 test cases 7.2.10, 7.2.11, 7.2.12 in CEModeB | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173081 | 0350 | - | Test tolerance analysis for 36.521-3 test cases 9.11.1 and 9.11.2 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173230 | 0345 | 1 | Test Tolerance analysis for TS 36.521-3 Test case 8.22.7 and 8.22.8 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173232 | 0334 | 1 | Add Test Tolerance analysis for CA RRM test cases 8.16.51, 8.16.52, 8.16.53 and 8.16.54 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173236 | 0323 | 1 | LAA: Test Tolerance analysis of LAA Scell event reporting | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173241 | 0336 | 1 | Test tolerance analysis for the test cases 9.1..60 and 9.1.61 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173246 | 0344 | 1 | Test Tolerance: Analysis of Test cases 8.26.9 and 8.26.10 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173247 | 0338 | 1 | Test tolerance analysis for the test cases 6.1.15 and 6.1.16 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173251 | 0340 | 1 | Test tolerance analysis for the test cases 7.2.9 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173253 | 0341 | 1 | Test tolerance analysis for the test cases 7.3.62 and 7.3.63 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173259 | 0325 | 1 | Test tolerance calculation for TC7.3.56,7.3.57,7.3.58,7.3.59 | 13.1.0 | 13.2.0 |
| 2017-06 | RAN#76 | R5-173434 | 0349 | 2 | Test Tolerance analysis for the test cases 7.3.64 and 7.3.65 | 13.1.0 | 13.2.0 |
| 2017-09 | RAN#77 | R5-173749 | 0352 | - | Add Test Tolerance analysis for Test case 9.1.5.1\_1 | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-173753 | 0354 | - | Add Test Tolerance analysis for TS 36.521-3 Test case 9.1.5.2\_1 | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-173755 | 0355 | - | Add Test Tolerance analysis for TS 36.521-3 Test cases 9.1.14.1\_1+9.1.15.1\_1 | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-173844 | 0359 | - | Test Tolerance: Analysis of Test cases 7.1.14, 7.1.15 and 7.1.16 | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-173906 | 0360 | - | Test Tolerance analysis for Contention Based Random Access Tests in TS 36.521-3 6.2.10, 6.2.11 and 6.2.12 for Cat-M1 UEs in Normal Coverage Test cases | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-173919 | 0361 | - | Update Test Tolerance analysis for reselection Test cases 4.2.1+4.2.2+4.2.9 | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-175032 | 0353 | 1 | Add Test Tolerance analysis for TS 36.521-3 Test cases 8.16.55 and 8.16.56 | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-175035 | 0358 | 1 | Test Tolerance: Analysis of Test cases 7.3.60 and 7.3.61 | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-175036 | 0363 | 1 | Test tolerance, addition of test tolerance analysis of NB-IoT test cases 7.3.66 and 7.3.67 | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-175164 | 0357 | 1 | Test Tolerance analyses for intra frequency case for Cat M1 UE in normal coverage | 13.2.0 | 13.3.0 |
| 2017-09 | RAN#77 | R5-175215 | 0351 | 1 | Test tolerance analysis for 36.521-3 test cases 9.12.1 and 9.12.2 | 13.2.0 | 13.3.0 |
| 2017-12 | RAN#78 | R5-176445 | 0368 | - | Test tolerance, addition of test tolerance analysis of eIMTA test case 8.4.6 | 13.3.0 | 13.4.0 |
| 2017-12 | RAN#78 | R5-177125 | 0364 | 2 | Update Test Tolerance analysis for NB-IoT RLM Out-of-sync Test cases | 13.3.0 | 13.4.0 |
| 2017-12 | RAN#78 | R5-177126 | 0365 | 2 | Update Test Tolerance analysis for NB-IoT RLM In-sync Test cases | 13.3.0 | 13.4.0 |
| 2017-12 | RAN#78 | R5-177313 | 0366 | 1 | Test tolerance, addition of test tolerance analysis of NB-IoT test cases 4.2.19 and 4.2.24 | 13.3.0 | 13.4.0 |
| 2018-03 | RAN#79 | R5-181517 | 0370 | 1 | Test tolerance, addition of test tolerance analysis of NB-IoT test case 6.2.16 | 13.4.0 | 13.5.0 |
| 2018-03 | RAN#79 | R5-181518 | 0371 | 1 | Test tolerance, addition of test tolerance analysis of NB-IoT test case 6.2.17 | 13.4.0 | 13.5.0 |
| 2018-03 | RAN#79 | R5-181031 | 0375 | - | Add Test Tolerance analysis for Cat-1bis RRM test cases 4.2.20 and 4.2.21 | 13.5.0 | 14.0.0 |
| 2018-03 | RAN#79 | R5-181032 | 0376 | - | Add Test Tolerance analysis for Cat-1bis RRM test cases 5.1.19 and 5.1.20 | 13.5.0 | 14.0.0 |
| 2018-03 | RAN#79 | R5-181512 | 0369 | 1 | Test tolerance, addition of test tolerance analysis of SRS switching test case 7.6.1 and 7.6.2. | 13.5.0 | 14.0.0 |
| 2018-03 | RAN#79 | R5-181513 | 0372 | 1 | Addition of test tolerance analysis for HST test case 8.2.11 | 13.5.0 | 14.0.0 |
| 2018-06 | RAN#80 | R5-183717 | 0379 | 1 | Test tolerance, Update of zip file to add information of test case 6.2.18 | 14.0.0 | 14.1.0 |
| 2018-06 | RAN#80 | R5-183727 | 0380 | 1 | Update Test Tolerance analysis for NB-IoT Tx Timing Test cases 7.1.17+7.1.18 | 14.0.0 | 14.1.0 |
| 2018-06 | RAN#80 | R5-183728 | 0378 | 1 | Add Test Tolerances analysis for E-UTRAN Handover inter-frequency case for UE category 1bis | 14.0.0 | 14.1.0 |
| 2018-06 | RAN#80 | R5-183785 | 0381 | - | Add Test Tolerances analysis for inter-freq cell reselection Test cases for UE category 1bis | 14.0.0 | 14.1.0 |
| 2018-09 | RAN#81 | R5-184172 | 0397 | - | Add Test Tolerances analysis for E-UTRAN RRM IncMon TCs 8.3.7 and 8.4.7 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-184173 | 0398 | - | Add Test Tolerances analysis for E-UTRAN IncMon TC 8.3.8 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-184174 | 0399 | - | Add Test Tolerances analysis for E-UTRAN IncMon TC 8.3.9 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-184409 | 0409 | - | Addition of TT analysis of V2X TC 12.2.1 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-184410 | 0410 | - | Addition of TT analysis of V2X TC 12.2.2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-184411 | 0411 | - | Addition of TT analysis of V2X TC 12.4 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185338 | 0412 | 1 | Test Tolerances analysis for E-UTRAN FDD-FDD and TDD-TDD inter-frequency TC 8.3.1\_2, 8.3.2\_2, 8.4.1\_2, 8.4.2\_2 and 8.4.6\_2 for UE category 1bis | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185339 | 0413 | 1 | Test Tolerances analysis for E-UTRAN FDD-FDD and TDD-TDD inter-frequency TC 8.3.3\_2 and 8.4.3\_2 for UE category 1bis when L3 filtering is used | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185340 | 0414 | 1 | Test Tolerances analysis for E-UTRAN FDD-FDD intra-frequency event triggered reporting under fading propagation conditions in asynchronous cells for UE category 1bis | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185341 | 0415 | 1 | Test Tolerances analysis for E-UTRAN FDD-FDD and TDD-TDD intra-frequency TC 8.1.12\_2, 8.1.13\_2, 8.1.17\_2, 8.1.18\_2 for UE category 1bis | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185395 | 0383 | 1 | Test Tolerance Analysis for RRM TC 9.1.1.1\_2 and 9.1.2.1\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185396 | 0386 | 1 | Test Tolerance Analysis for RRM TC 9.1.1.2\_2 and 9.1.2.2\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185397 | 0387 | 1 | Test Tolerance Analysis for RRM TC 9.1.3.1\_2 and 9.1.4.1\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185398 | 0388 | 1 | Test Tolerance Analysis for RRM TC 9.1.3.2\_2 and 9.1.4.2\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185399 | 0389 | 1 | Test Tolerance Analysis for RRM TC 9.1.5.1\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185400 | 0390 | 1 | Test Tolerance Analysis for RRM TC 9.1.5.2\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185401 | 0392 | 1 | Test Tolerance Analysis for RRM TC 9.2.3.1\_2 and 9.2.4.1\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185402 | 0393 | 1 | Test Tolerance Analysis for RRM TC 9.2.3.2\_2 and 9.2.4.2\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185403 | 0394 | 1 | Test Tolerance Analysis for RRM TC 9.2.4A.1\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185404 | 0395 | 1 | Test Tolerance Analysis for RRM TC 9.2.4A.2\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185405 | 0400 | 1 | Test Tolerance Analysis for RRM TC 9.2.1.1\_2 and 9.2.2.1\_2 | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185424 | 0384 | 1 | Addition of TT analysis of eHST FDD Intra-frequency event reporting. | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185425 | 0385 | 1 | Addition of TT analysis of V2X uplink timing test case | 14.1.0 | 14.2.0 |
| 2018-09 | RAN#81 | R5-185456 | 0396 | 1 | TC Group definition for RRM IncMon test cases | 14.1.0 | 14.2.0 |
| 2019-03 | RAN#83 | R5-191593 | 0423 | - | Addition of Test Tolerance Analysis for RRM IncMon Test Cases 4.2.10 and 4.2.11 | 14.3.0 | 14.4.0 |
| 2019-03 | RAN#83 | R5-191594 | 0424 | - | Addition of Test Tolerance Analysis for RRM IncMon Test Cases 4.3.15, 4.3.3A | 14.3.0 | 14.4.0 |
| 2019-03 | RAN#83 | R5-191595 | 0425 | - | Addition of Test Tolerance Analysis for RRM IncMon Test Cases 4.3.2A and 4.3.4.4 | 14.3.0 | 14.4.0 |
| 2019-03 | RAN#83 | R5-191596 | 0426 | - | Addition of Test Tolerance Analysis for RRM IncMon Test Cases 8.5.8 and 8.6.3 | 14.3.0 | 14.4.0 |
| 2019-03 | RAN#83 | R5-191597 | 0427 | - | Addition of Test Tolerance Analysis for RRM IncMon Test Cases 8.7.5 and 8.7A.1 | 14.3.0 | 14.4.0 |
| 2019-03 | RAN#83 | R5-192850 | 0428 | 1 | Correction to TT analysis for NB-IOT RLM tests | 14.4.0 | 15.0.0 |
| 2019-09 | RAN#85 | R5-196398 | 0429 | - | Addition of Test Tolerance Analysis for 3DL/3UL TDD CA UE Transmit Timing Accuracy | 15.0.0 | 15.1.0 |
| 2019-09 | RAN#85 | R5-196944 | 0431 | - | Test Tolerances analysis for E-UTRAN RRM feMTC Test Cases | 15.0.0 | 15.1.0 |
| 2019-12 | RAN#86 | R5-197753 | 0432 | - | Addition of Test tolerance of V2X RRM test cases 12.3.1 and 12.3.2 | 15.1.0 | 15.2.0 |
| 2019-12 | RAN#86 | R5-197756 | 0433 | - | Addition of Test tolerance of V2X RRM test case 12.5 | 15.1.0 | 15.2.0 |
| 2019-12 | RAN#86 | R5-199457 | 0436 | - | Test Tolerances analysis for E-UTRAN RRM feMTC Test Cases | 15.1.0 | 15.2.0 |
| 2019-12 | RAN#86 | R5-199479 | 0434 | 1 | Addition of Test Tolerance of V2X RRM test cases 12.6.1 and 12.6.2 | 15.1.0 | 15.2.0 |
| 2020-06 | RAN#88 | R5-202801 | 0438 | 1 | Test Tolerance analysis for E-UTRAN FDD inter-frequency event triggered reporting in CEModeA test cases | 15.2.0 | 15.3.0 |
| 2020-06 | RAN#88 | R5-202802 | 0439 | 1 | Test Tolerance analysis for E-UTRAN FDD inter-frequency event triggered reporting in CEModeB test cases | 15.2.0 | 15.3.0 |
| 2020-09 | RAN#89 | R5-204114 | 0440 | - | Test Tolerance analysis for E-UTRAN HD-FDD inter frequency handover for Cat-M1 UEs in CEModeA test case | 15.3.0 | 15.4.0 |
| 2020-09 | RAN#89 | R5-204115 | 0441 | - | Test Tolerance analysis for E-UTRAN HD-FDD Inter frequency RRC Re-establishment for Cat-M1 UE in CEModeA test case | 15.3.0 | 15.4.0 |
| 2020-12 | RAN#90 | R5-205894 | 0443 | - | Addition of TT analysis of NB-IOT TDD RRM test cases 4.2.35, 4.2.36 and 4.2.37 | 15.4.0 | 15.5.0 |
| 2020-12 | RAN#90 | R5-206711 | 0442 | 1 | Addition of test point analysis for sTTI RRM test cases | 15.4.0 | 15.5.0 |
| 2022-06 | RAN#96 | R5-223175 | 0445 | - | Test Tolerances for E-UTRAN intra-frequency Conditional Handover test cases | 15.5.0 | 16.0.0 |
| 2022-06 | RAN#96 | R5-223176 | 0446 | - | Test Tolerances for E-UTRAN inter-frequency Conditional Handover test cases | 15.5.0 | 16.0.0 |
| 2022-09 | RAN#97 | R5-224841 | 0447 | - | Update to TT analysis of V2X test case 12.1.2 | 16.0.0 | 16.1.0 |
| 2023-06 | RAN#100 | R5-232141 | 0449 | - | Removal of technical content in TR 36.903 v16.1.0 and substitution with pointer to the next Release | 16.1.0 | 16.2.0 |