ETSI TS 136 521-1 V14.6.0 (2018-04)

TECHNICAL SPECIFICATION

LTE;
Evolved Universal Terrestrial Radio Access (E-UTRA);
User Equipment (UE) conformance specification;
Radio transmission and reception;
Part 1: Conformance testing
(3GPP TS 36.521-1 version 14.6.0 Release 14)

Reference
RTS/TSGR-0536521-1ve60

Keywords
LTE

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00   Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

The present document can be downloaded from:
http://www.etsi.org/standards-search

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the only prevailing document is the print of the Portable Document Format (PDF) version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at
https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx

If you find errors in the present document, please send your comment to one of the following services:
https://portal.etsi.org/People/CommiteeSupportStaff.aspx

Copyright Notification

ETSI

Intellectual Property Rights

Essential patents

IPRs essential or potentially essential to normative deliverables may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (https://ipr.etsi.org/).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Trademarks

The present document may include trademarks and/or tradenames which are asserted and/or registered by their owners. ETSI claims no ownership of these except for any which are indicated as being the property of ETSI, and conveys no right to use or reproduce any trademark and/or tradename. Mention of those trademarks in the present document does not constitute an endorsement by ETSI of products, services or organizations associated with those trademarks.

Foreword

This Technical Specification (TS) has been produced by ETSI 3rd Generation Partnership Project (3GPP).

The present document may refer to technical specifications or reports using their 3GPP identities, UMTS identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables.

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

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the ETSI Drafting Rules (Verbal forms for the expression of provisions).

"**must**" and "**must not**" are **NOT** allowed in ETSI deliverables except when used in direct citation.

Contents

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 1 of a multi-parts TS:

3GPP TS 36.521-1: Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification Radio transmission and reception; Part 1: Conformance Testing.

3GPP TS 36.521-2 [11]: Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS).

3GPP TS 36.521-3 [12]: Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing.

1 Scope

The present document specifies the measurement procedures for the conformance test of the user equipment (UE) that contain transmitting characteristics, receiving characteristics and performance requirements as part of the 3G Long Term Evolution (3G LTE). Conformance test for the support of RRM (Radio Resource Management) are specified in TS 36.521-3 [12].

The requirements are listed in different clauses only if the corresponding parameters deviate. More generally, 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.

For example only Release 8 and later UE declared to support LTE shall be tested for this functionality. In the event that for some tests different conditions apply for different releases, this is indicated within the text of the test itself.

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 [22] (void)

[23] 3GPP TS 36.521-1 Release 15: "Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance Testing"

3 Definitions, symbols and abbreviations

Void

4 General

The requirements of the present document are provided in 3GPP TS 36.521-1 Release 15 [23].

5 to 14 Void

Annex A to K: Void

Annex L (informative):
Change history

Change history								
Date	TSG #	TSG Doc.	CR	R ev	Subject/Comment	Old	New
2007-08	RAN5 #36	R5-072185			Skeleton proposed for RAN5#36Athens		0.0.1
2007-08	RAN5 #36	R5-072419			Update the skeleton base on R4-071234_TR36.803.0.4.0.doc	0.0.1	0.0.2
2007-08	RAN5 #36	R5-072424			Update with editorial changes	0.0.2	0.0.3
2007-11	RAN5 #37	R5-073043			Update document with some info as following: Section 5: Frequency band information Section 6.2: Maximum output power Section 6.5: Output RF spectrum emissions Section 6.5.1: Occupied bandwidth Section 6.5.2: Out of band emission Section 6.5.3: Spurious emissions	0.0.3	0.0.4
2007-11	RAN5 #37	R5-073360			Editorial change to split MOP and UE Power classes	0.0.4	0.0.5
2008-03	RAN5 #38	R5-080069			Editorial changes to sync up with 36.101 v1.0.0 as much as feasible for the moment: Update definitions, symbols and abbreviations Update frequency bands, channel bandwidth, channel numbers information. Restructure document to move "frequency error" sub-section inside Transmit signal quality. Add "additional spectrum Emission Mask" sub-test (mask A,B,C) section to address the regulatory requirements that are not met with the general mask (OOB and spurious emission). Add "Additional ACLR requirements" to address additional requirements that the network might indicate to the UE via signalling for a specific deployment scenario (in terms of additional requirements for UTRA/ACLR2 Restructure "Spurious Emission" to indicate we need to have 3 test cases to address: "E-UTRA Spurious Emission" requirements , "Spurious Emission band UE co-existence" requirements, and "Additional spurious emissions" requirements Separate wide band and narrow band intermodulation in the intermodulation characteristics	0.0.5	0.0.6
2008-03	RAN5 #38	R5-080408			LTE Reference Sensitivity test Text proposal		0.0.7
2008-03	RAN5 #38	R5-080409			LTE Maximum Rx input level test Text proposal		0.0.7
2008-03	RAN5 #38	R5-080410			LTE Adjacent Channel Selectivity test Text proposal		0.0.7
2008-03	RAN5 #38	R5-080064			LTE RF Receiver tests, General section Text proposal		0.0.7
2008-03	RAN5 #38	R5-080412			LTE RF: transmission modulation initial EVM test proposal		0.0.7
2008-03	RAN5 Workshop-UE LTE Test (9-11 April)	R5w0800027			Modify styles and formats of tables and others according to drafting rules. Add some definitions and abbreviations Modified section 6.2 structure to be aligned with 36.101 v8.1.0 Modify tables of requirements to remove 1.6 MHz and 3.2MHz channel bandwidth according to new requirements 36.101 v8.1.0		0.0.9
2008-03	RAN5 Workshop-UE LTE Test (9-11 April)	R5w0800028			Following TPs have been included: R5w080013r1 R5w080014r1 R5w080008r2 R5w080009r2 R5w080040r1 R5w080015r1 R5w080016r1 R5w080017r1 R5w080018r2	0.0.9	0.1.0
2008-05	RAN5#39	R5-081046			36-521-1 alignment of measurement state for test cases	0.1.0	0.1.1

| 2008-05 | RAN5#39 | R5-081042 | | Following approved TPs have been included:
R5-081040 36.521-1 after April LTE-RF workshop
R5-081415 36.521-1 alignment of measurement state for test cases – also the measurement state for each test cases has been updated according to R5-081404
R5-081416 Cover for LTE E-UTRAN RRC_IDLE State Mobility text proposal
R5-081417 Cover for LTE E-UTRAN RRC_CONNECTED State Mobility text proposal
R5-081404 LTE Rx Intermodulation test case text proposal
R5-081409 Annex structure for Measurement uncertainty & Test Tools
R5-081405 Text Proposal for TS 36.521-1 TC7.6 Blocking Characteristics
R5-081406 Text Proposal for TS 36.521-1 TC7.7 Spurious Response
R5-081403 Text Proposal for TS 36.521-1 TC7.9 Spurious Emissions
R5-081410 Uncertainties and Test Tools for subset of UE tests
R5-081331 Clarification of diversity characteristics section for multiple UE antennas
R5-081335 36.521-1 update of nominal and additional channel bandwidths | 0.1.1 | 0.2.0 |
| 2008-06 | RAN5 #39bis | R5-082029 | | Following approved TPs have been included:
R5-082129: Restructure of TS 36.521-1 and RRM proposal (Split of RRM from 36.521-1 v0.2.0 in its own specification 36.521-3.)
R5-082166: Text Proposal for Annex C Downlink Physical Channels
R5-082130: Text Proposal for Chan bandwidths in TS 36.521-1
R5-082155: Text Proposal for LTE Tx Minimum Output Power
R5-082027: Text Proposal for Occupied bandwidth in TS 36.521-1
R5-082171: Text Proposal for LTE Adjacent Channel Leakage power Ratio
R5-082134: Text Proposal for LTE Tx Spurious Emissions
R5-082135: Text Proposal for LTE UE Maximum Output Power
R5-082136: Text Proposal for LTE Spectrum Emission Mask
R5-082138: UE Spurious Emissions Measurement uncertainty & Test Tolerances
R5-082169: LTE Spectrum Emission Mask test uncertainties and TTs
R5-082151: LTE UE Max Power and ACLR tests uncertainties and TTs
R5-082152: Text proposal for LTE Transmit OFF Power
R5-082153: LTE UE Max Rx Input and ACS test cases update
R5-082082: LTE Rx Intermodulation test case uncertainties and TTs
R5-082093: Text Proposal for TS 36.521-1 TC7.6 Blocking Characteristics
R5-082154: Text Proposal for TS 36.521-1 TC7.7 Spurious Response
R5-082167: OBW Measurement uncertainty & Test Tolerances
R5-082158: Cover for LTE Performance Requirement text proposal
R5-082159: Text Proposal for LTE Demodulation of PCFICH/PDCCH and PHICH
R5-082156: Text proposal for LTE Tx Minimum Output Power Uncertainty
R5-082157: Text proposal for LTE Tx Minimum Output Power Tolerance
R5-082164: Statistical testing of receiver characteristics
R5-082170: Cover for LTE Propagation Conditions Text Proposal
Editorial changes to align tables and figures numbering with R5-082025 | 0.2.0 | 0.3.0 |

2008-08	RAN5 #40	R5-083163			Following approved TPs have been included: R5-083804: LTE Demodulation Performance text proposal R5-083159: LTE-RF Occupied bandwidth test case / measurement uncertainty and TT text proposal R5-083160: Transmission OFF power: TP, measurement uncertainty and test tolerances proposal R5-083805: Frequency Error test case / measurement uncertainty and TT test proposal R5-083162: Propagation conditions correction text proposal R5-083220:Text Proposal for LTE Tx Minimum Output Power R5-083806: TP of section 8 for E-UTRAN TDD in 36.521-1 R5-083344: Test Tolerance and System uncertainty for OBW test R5-083848:Test Tolerance and System uncertainty for Reference sensitivity test R5-083840: Test Tolerances for Spectrum Emission Mask R5-083808: Reference Measurement Channel for LTE UE Receiver tests R5-083350: Test Tolerance and System uncertainty for Blocking and Spurious response R5-083366: Text Proposal for LTE Reporting of CQI/PMI R5-083810: LTE PBCH Demodulation Performance Requirements R5-083482: LTE-RF TP for Test Case 7.6 Blocking Characteristics R5-083809: LTE-RF TP for Test Case 7.7 Spurious Response R5-083484: LTE-RF TP for Test Case 7.9 Spurious Emissions R5-083811: Annex E Global In-Channel TX-Test R5-083163: TS 36.521-1 after RAN5#40	0.3.0	1.0.0
2008-10	RAN5 #40Bis	R5-084072			Following approved TPs have been included: R5-084072 TS 36.521-1 after RAN5#40Bis R5-084300 LTE-RF TP for Definitions Symbols and Abbreviations R5-084304 LTE-RF-TP for general section R5-084036 Test Tolerances for additional SEM R5-084303 LTE-RF TP for Channel bandwidths and frequency range R5-084305 LTE-RF TP for new Absolute Power Tolerance test case R5-084067 LTE-RF TP for Transmission OFF test case R5-084318 LTE-RF TP for Transmission Modulation test cases R5-084069 LTE-RF Investigation of E-UTRA-TDD Frequency Error test case applicability R5-084319 LTE-RF TP for Frequency Error test case R5-084309 Text Proposal for LTE Tx Spurious Emissions R5-084111 Text Proposal for LTE Adjacent Channel Leakage power Ratio R5-084320 Text Proposal for LTE Additional Spectrum Emission Mask R5-084310 Test Tolerances for additional spurious emission R5-084311 Text Proposal for Occupied bandwidth R5-084321 Text Proposal for LTE Spectrum Emission Mask R5-084060 Modification to section 7.2 Diversity characteristics R5-084312 References in 36.521-1 tests initial conditions R5-084148 Update of Reference Measurement Channel for LTE UE Rx tests R5-084167 LTE-RF TP for TC7.9 Spurious Emissions R5-084075 LTE DL Reference Measurement Channel for PDSCH (FDD) text proposal R5-084077 LTE Measurement of Performance Requirements text proposal R5-084313 LTE Demodulation of PDSCH Test Requirements text proposal R5-084147 Specification of DL propagation conditions for LTE UE tests R5-084315 Text Proposal for LTE Demodulation of PCFICH/PDCCH R5-084323 Text Proposal for Annex E Global In-Channel	1.0.0	1.1.0
2008-12	RAN#42	RP-080863			Approval of version 2.0.0 at RAN#42, then put to version 8.0.0.	2.0.0	8.0.0
2008-01					Editorial corrections.	8.0.0	8.0.1
2009-03	RAN#43	R5-086011	0001	-	TP for In-band emissions	8.0.1	8.1.0
2009-03	RAN#43	R5-086012	0002	-	TP for Spectrum flatness	8.0.1	8.1.0
2009-03	RAN#43	R5-086013	0003	-	TP for IQ-component	8.0.1	8.1.0
2009-03	RAN#43	R5-086064	0004	-	LTE-RF: UE max output power	8.0.1	8.1.0

2009-03	RAN#43	R5-086093	0005	-	Clarification of measurement period in minimum output power test procedure	8.0.1	8.1.0
2009-03	RAN#43	R5-086094	0006	-	Clarification of measurement period in transmit OFF power test procedure	8.0.1	8.1.0
2009-03	RAN#43	R5-086120	0007	-	Update of Max.input level test	8.0.1	8.1.0
2009-03	RAN#43	R5-086125	0008	-	Addition of UL Reference Measurement Channels in Annex A2	8.0.1	8.1.0
2009-03	RAN#43	R5-086160	0009	-	correction for Maximum Power Reduction (MPR)	8.0.1	8.1.0
2009-03	RAN#43	R5-086167	0010	-	LTE-RF: TDD applicability and CR for Blocking Characteristics and Spurious Response	8.0.1	8.1.0
2009-03	RAN#43	R5-086168	0011	-	LTE-RF: TDD applicability and CR for Spurious Emissions	8.0.1	8.1.0
2009-03	RAN#43	R5-086239	0012	-	Update of Symbols	8.0.1	8.1.0
2009-03	RAN#43	R5-086401	0013	-	LTE-RF: TX-RX channel freq separation	8.0.1	8.1.0
2009-03	RAN#43	R5-086405	0014	-	Update of 6.7 Transmit intermodulation test	8.0.1	8.1.0
2009-03	RAN#43	R5-086406	0015	-	Update of initial conditions for Tx and Rx test cases	8.0.1	8.1.0
2009-03	RAN#43	R5-086408	0016	-	Update of Adjacent Channel Leakage power Ratio	8.0.1	8.1.0
2009-03	RAN#43	R5-086409	0017	-	Removal of [ ] from Clause 7 Receiver Characteristics	8.0.1	8.1.0
2009-03	RAN#43	R5-086413	0018	-	Updates to Demodulation of PCFICH/PDCCH test case	8.0.1	8.1.0
2009-03	RAN#43	R5-086414	0019	-	Text proposal for Reporting of Channel State Information	8.0.1	8.1.0
2009-03	RAN#43	R5-086415	0020	-	Correction of RS_EPRE powers for default DL signal levels	8.0.1	8.1.0
2009-03	RAN#43	R5-086416	0021	-	Update of DL Reference Measurement Channels in Annex A3	8.0.1	8.1.0
2009-03	RAN#43	R5-086417	0022	-	Update to Annex E	8.0.1	8.1.0
2009-03	RAN#43	R5-086425	0023	-	Update of General text in clause 6	8.0.1	8.1.0
2009-03	RAN#43	R5-086426	0024	-	Clarification of measurement bandwidth in spectrum emission mask test	8.0.1	8.1.0
2009-03	RAN#43	R5-086428	0025	-	Demodulation of TDD PHICH test requirements text proposal	8.0.1	8.1.0
2009-03	RAN#43	R5-086429	0026	-	Demodulation of TDD PCFICH/PDCCH test requirements text proposal	8.0.1	8.1.0
2009-03	RAN#43	R5-090306	0027	-	New Annex H for Uplink Physical Channels	8.0.1	8.1.0
2009-03	RAN#43	R5-090308	0028	-	Text proposal for Reporting of Channel State Information	8.0.1	8.1.0
2009-03	RAN#43	R5-090403	0029	-	CR to 36.521-1: Update of Spurious Emissions test cases	8.0.1	8.1.0
2009-03	RAN#43	R5-090404	0030	-	CR to 36.521-1: Update of ACLR test case	8.0.1	8.1.0
2009-03	RAN#43	R5-090443	0031	-	LTE-RF: Correction to 36.521-1 Frequency error test case	8.0.1	8.1.0
2009-03	RAN#43	R5-090488	0032	-	LTE TDD applicability for Transmit intermodulation test case	8.0.1	8.1.0
2009-03	RAN#43	R5-091002	0033	-	LTE Demodulation of PDSCH Test Requirements text proposal	8.0.1	8.1.0
2009-03	RAN#43	R5-091004	0034	-	LTE-RF: CR for UE max power test case	8.0.1	8.1.0
2009-03	RAN#43	R5-091007	0035	-	LTE-RF: TDD Applicability and CR for Spectrum Emission Mask and Additional Spectrum Emission Mask	8.0.1	8.1.0
2009-03	RAN#43	R5-091008	0036	-	LTE-RF Investigation of E-UTRA-TDD for Occupied bandwidth test case applicability	8.0.1	8.1.0
2009-03	RAN#43	R5-091009	0037	-	LTE-RF: Investigation of E-UTRA-TDD for Adjacent Channel Leakage power Ratio test case applicability	8.0.1	8.1.0
2009-03	RAN#43	R5-091011	0038	-	LTE-RF: TDD applicability and CR for Maximum Input Level	8.0.1	8.1.0
2009-03	RAN#43	R5-091012	0039	-	LTE-RF: TDD applicability and CR for Adjacent Channel Selectivity (ACS)	8.0.1	8.1.0
2009-03	RAN#43	R5-091017	0040	-	Removal of Rx Narrowband Intermod 7.8.2	8.0.1	8.1.0
2009-03	RAN#43	R5-091019	0041	-	Relocation of 36.521-1 Annex C DL mapping	8.0.1	8.1.0
2009-03	RAN#43	R5-091020	0042	-	Removal of "Out-of-synchronization handling of output power" heading	8.0.1	8.1.0
2009-03	RAN#43	R5-091023	0043	-	Test requirements of TDD PDSCH demodulation performance with user-specific reference symbols	8.0.1	8.1.0
2009-03	RAN#43	R5-091024	0044	-	CR to 36.521-1: Update of Annex F.3.2 Measurement of transmitter	8.0.1	8.1.0
2009-03	RAN#43	R5-091025	0045	-	CR to 36.521-1: Update of SEM and Additional SEM test cases	8.0.1	8.1.0
2009-03	RAN#43	R5-091077	0046	-	CR to 36.521-1: Addition of test combinations for test cases with MPR application	8.0.1	8.1.0
2009-03	RAN#43	R5-091082	0047	-	Spurious emission requirements on PHS band including the future plan in Japan	8.0.1	8.1.0
2009-03	RAN#43	R5-091101	0048	-	LTE-RF: CR for MPR test case	8.0.1	8.1.0
2009-03	RAN#43	R5-091106	0049	-	Update of Reference sensitivity test in 7.3	8.0.1	8.1.0
2009-03	RAN#43	R5-091111	0050	1	Update of initial conditions for Rx tests	8.0.1	8.1.0
2009-05	RAN#44	R5-092144	0051	-	LTE-RF: Resubmission of R5-086424 UE output power dynamics 36.521-1 v8.1.0 (re-submit no changes)	8.1.0	8.2.0
2009-05	RAN#44	R5-092146	0052	-	LTE-RF: CR for UE configured UE transmitted output power test case (re-submit no changes)	8.1.0	8.2.0
2009-05	RAN#44	R5-092147	0053	-	LTE-RF: CR for UE minimum output power test case (re-submit no change)	8.1.0	8.2.0
2009-05	RAN#44	R5-092149	0054	-	LTE-RF: CR for Power Control Absolute power tolerance test case (re-submit no changes)	8.1.0	8.2.0
2009-05	RAN#44	R5-092150	0055	-	LTE-RF: CR for Power Control Relative power tolerance test case (re-submit no changes)	8.1.0	8.2.0

2009-05	RAN#44	R5-092151	0056	-	LTE-RF: New test case for Aggregate power control tolerance (re-submit no changes)	8.1.0	8.2.0
2009-05	RAN#44	R5-092263	0057	-	Text proposal for Reporting of Channel State Information	8.1.0	8.2.0
2009-05	RAN#44	R5-092264	0058	-	Propagation conditions for CQI tests	8.1.0	8.2.0
2009-05	RAN#44	R5-092265	0059	-	Correction to Demodulation of PDCCH/PCFICH test cases	8.1.0	8.2.0
2009-05	RAN#44	R5-092273	0060	-	Mapping of downlink physical channels for TDD	8.1.0	8.2.0
2009-05	RAN#44	R5-092277	0061	-	Annex A RMC updates	8.1.0	8.2.0
2009-05	RAN#44	R5-092369	0062	-	Update of A.3.4.3 for RMC with UE-specific RS	8.1.0	8.2.0
2009-05	RAN#44	R5-092372	0063	-	Maintenance on Initial configurations for Perf TCs	8.1.0	8.2.0
2009-05	RAN#44	R5-092436	0064	-	CR to 36.521-1: Update of ACLR test case	8.1.0	8.2.0
2009-05	RAN#44	R5-092442	0065	-	CR to 36.521-1: Update of Spurious Emissions test case	8.1.0	8.2.0
2009-05	RAN#44	R5-092467	0066	-	LTE-RF: Transmit OFF Power update	8.1.0	8.2.0
2009-05	RAN#44	R5-092473	0067	-	LTE_RF - Update on TC 7.7 Spurious Response (re-submit with no changes)	8.1.0	8.2.0
2009-05	RAN#44	R5-092474	0068	-	LTE_RF - Update on TC 7.9 Spurious Emissions (re-submit with no changes)	8.1.0	8.2.0
2009-05	RAN#44	R5-092527	0069	-	Update of TDD PDSCH test cases	8.1.0	8.2.0
2009-05	RAN#44	R5-092602	0070	-	LTE-RF: CR for Maximum Power Reduction test case (re-submit no changes)	8.1.0	8.2.0
2009-05	RAN#44	R5-092603	0071	-	TP for Demodulation of TDD PDCCH/PCFICH	8.1.0	8.2.0
2009-05	RAN#44	R5-092605	0072	-	Mapping of uplink physical channels for FDD	8.1.0	8.2.0
2009-05	RAN#44	R5-092606	0073	-	Update of Annex C	8.1.0	8.2.0
2009-05	RAN#44	R5-092607	0074	-	CR to 36.521-1: Update of test parameters for Demodulation of PDSCH (FDD) tests	8.1.0	8.2.0
2009-05	RAN#44	R5-092614	0075	-	Update of SEM test case	8.1.0	8.2.0
2009-05	RAN#44	R5-092642	0076	-	Update of transmit quality test cases	8.1.0	8.2.0
2009-05	RAN#44	R5-092643	0077	-	Text proposal for TDD part of CQI Reporting under Fading conditions	8.1.0	8.2.0
2009-05	RAN#44	R5-092644	0078	-	Text proposal for TDD part of CQI Reporting under AWGN conditions	8.1.0	8.2.0
2009-05	RAN#44	R5-092645	0079	-	LTE-RF: Update of Additional Spectrum Emission mask Test case with TDD Uplink Test configuration	8.1.0	8.2.0
2009-05	RAN#44	R5-092649	0080	-	LTE-RF: CR for TDD DL RMC to be used in TX test cases	8.1.0	8.2.0
2009-05	RAN#44	R5-092653	0081	-	LTE-RF: CR for Additional Maximum Power Reduction test case	8.1.0	8.2.0
2009-05	RAN#44	R5-092661	0082	-	RMC update for PDCCH/PCFICH performance requirement	8.1.0	8.2.0
2009-05	RAN#44	RP-090444	1161	-	Test frequencies for Additional Spurious Emission test case	8.6.0	8.7.0
2009-05	RAN#44	R5-092366	0084	-	Update of 7.3.1	8.1.0	8.2.0
2009-05	RAN#44	R5-092440	0085	-	LTE-RF: CR for UE max output power test case	8.1.0	8.2.0
2009-05	RAN#44	R5-092472	0086	-	LTE_RF - Update on TC 7.6 Blocking Characteristics (re-submit with changes)	8.1.0	8.2.0
2009-05	RAN#44	R5-092636	0087	-	CR to 36.521-1 Addition of frequencies for band 18 and band 19	8.1.0	8.2.0
2009-05	RAN#44	R5-092652	0088	2	Improved stability of TC 7.8.5 Power Control in the DL from F-DPCH to HSUPA TC 5.2D and 5.13.2B	8.1.0	8.2.0
-	-	-	-	-	Editorial corrections	8.2.0	8.2.1
2009-09	RAN#45	R5-094032	0089	-	Correction CR to 36.521-1: Update of Requirements for Demodulation of PDSCH (FDD) tests	8.2.1	8.3.0
2009-09	RAN#45	R5-094034	0090	-	Correction CR to 36.521-1: Update of General Requirements for Demodulation tests	8.2.1	8.3.0
2009-09	RAN#45	R5-094214	0091	-	Update of In-band emissions	8.2.1	8.3.0
2009-09	RAN#45	R5-094215	0092	-	TDD Initial downlink channel setting	8.2.1	8.3.0
2009-09	RAN#45	R5-094216	0093	-	Correction to Annex B	8.2.1	8.3.0
2009-09	RAN#45	R5-094248	0094	-	CR to 36.521-1: Update to ACLR test case	8.2.1	8.3.0
2009-09	RAN#45	R5-094250	0095	-	CR to 36.521-1: Update to UE max output power test case	8.2.1	8.3.0
2009-09	RAN#45	R5-094281	0096	-	Mapping of uplink physical channels for TDD	8.2.1	8.3.0
2009-09	RAN#45	R5-094282	0097	-	LTE-RF: CR for notes in TDD DL RMC to be used in TX test cases	8.2.1	8.3.0
2009-09	RAN#45	R5-094283	0098	-	LTE-RF: message update to keep Tx power constant for some Rx test cases	8.2.1	8.3.0
2009-09	RAN#45	R5-094313	0099	-	LTE-RF: CR to test case for Aggregate power control tolerance	8.2.1	8.3.0
2009-09	RAN#45	R5-094317	0100	-	LTE-RF: CR for UE minimum output power test case for TDD	8.2.1	8.3.0
2009-09	RAN#45	R5-094318	0101	-	LTE-RF: CR for Power Control Relative power tolerance test case	8.2.1	8.3.0
2009-09	RAN#45	R5-094319	0102	-	In band emission for non-allocated RB	8.2.1	8.3.0
2009-09	RAN#45	R5-094320	0103	-	LTE RF: correction for subclause 6.6.2.2.5 (A-SEM) supported band list	8.2.1	8.3.0
2009-09	RAN#45	R5-094362	0104	-	Correction of RMCs (36.521 Annex A)	8.2.1	8.3.0
2009-09	RAN#45	R5-094363	0105	-	Usage of the Global In-Channels TX-Test across different Signal Quality tests.	8.2.1	8.3.0
2009-09	RAN#45	R5-094365	0106	-	LTE TX: 1to2 RX antenna	8.2.1	8.3.0

2009-09	RAN#45	R5-094367	0107	-	Correction to 6.6.2.2 Additional Spectrum Emission Mask	8.2.1	8.3.0
2009-09	RAN#45	R5-094370	0108	-	Correction to 6.6.2.3 ACLR	8.2.1	8.3.0
2009-09	RAN#45	R5-094371	0109	-	Correction to 6.7 TX Intermodulation	8.2.1	8.3.0
2009-09	RAN#45	R5-094374	0110	-	Correction to 7.6.1 In-Band Blocking	8.2.1	8.3.0
2009-09	RAN#45	R5-094375	0111	-	UE category (36.521 clause 8)	8.2.1	8.3.0
2009-09	RAN#45	R5-094378	0112	-	Completion of Global in-Channel TX-Test (36.521 Annex E)	8.2.1	8.3.0
2009-09	RAN#45	R5-094379	0113	-	Completion of Global in-Channel TX-Test with PRACH (36.521 Annex E)	8.2.1	8.3.0
2009-09	RAN#45	R5-094380	0114	-	Completion of Statistical testing (36.521 Annex G)	8.2.1	8.3.0
2009-09	RAN#45	R5-094385	0115	-	Correction to Annex D.2 Interference signals	8.2.1	8.3.0
2009-09	RAN#45	R5-094439	0116	-	Update for ACS	8.2.1	8.3.0
2009-09	RAN#45	R5-094661	0117	-	LTE RF - Core update on TC7.6.2 Out-of-band Blocking	8.2.1	8.3.0
2009-09	RAN#45	R5-094663	0118	-	LTE RF - Symbols Update on UL transmission configurations	8.2.1	8.3.0
2009-09	RAN#45	R5-094665	0119	-	LTE RF - Clarification for Test Configurations in General Section	8.2.1	8.3.0
2009-09	RAN#45	R5-094668	0120	-	LTE RF - Applicability of 6.2.3 MPR	8.2.1	8.3.0
2009-09	RAN#45	R5-094671	0121	-	LTE RF - Verification of UE Output Power in Out of Band Emission tests	8.2.1	8.3.0
2009-09	RAN#45	R5-094684	0122	-	CR to 36.521-1: Update to UE max output power test case	8.2.1	8.3.0
2009-09	RAN#45	R5-094686	0123	-	LTE-RF CR to 36.521-1: Update the E-UTRA channel numbers	8.2.1	8.3.0
2009-09	RAN#45	R5-094687	0124	-	LTE-RF: CR for UE maximum power reduction(MPR) test case	8.2.1	8.3.0
2009-09	RAN#45	R5-094699	0125	-	Update to SEM and spurious emissions TC	8.2.1	8.3.0
2009-09	RAN#45	R5-094706	0126	-	Resubmission-Update to the Requirements for frequency-selective fading test	8.2.1	8.3.0
2009-09	RAN#45	R5-094717	0127	-	Update of SEM	8.2.1	8.3.0
2009-09	RAN#45	R5-094718	0128	-	Update of initial conditions with Annex references	8.2.1	8.3.0
2009-09	RAN#45	R5-094721	0129	-	Update of 6.7 Tx Inter Mod	8.2.1	8.3.0
2009-09	RAN#45	R5-094725	0130	-	Correction to E-UTRA channel numbers for Band 2	8.2.1	8.3.0
2009-09	RAN#45	R5-094726	0131	-	Correction to Tx spurious emissions	8.2.1	8.3.0
2009-09	RAN#45	R5-094757	0132	-	Update of TDD PHICH test cases	8.2.1	8.3.0
2009-09	RAN#45	R5-094874	0133	-	Correction to Demodulation of PDCCH/PCFICH test cases	8.2.1	8.3.0
2009-09	RAN#45	R5-094902	0134	-	Addition of 15 MHz and 20 MHz bandwidths and corresponding sensitivity requirements into band 38	8.2.1	8.3.0
2009-09	RAN#45	R5-094903	0135	-	Correction CR to 36.521-1: Update of Transmitter tests network signalled parameter value	8.2.1	8.3.0
2009-09	RAN#45	R5-094905	0136	-	Update of TDD PDSCH test cases	8.2.1	8.3.0
2009-09	RAN#45	R5-094908	0137	-	LTE-RF: CR for Power Control Absolute power tolerance test case	8.2.1	8.3.0
2009-09	RAN#45	R5-094909	0138	-	Update to Output Power dynamics test cases	8.2.1	8.3.0
2009-09	RAN#45	R5-094913	0139	-	Clarification for downlink signal setting in RX tests	8.2.1	8.3.0
2009-09	RAN#45	R5-094914	0140	-	UL RB allocation for receiver tests	8.2.1	8.3.0
2009-09	RAN#45	R5-094915	0141	-	Update of TDD PCFICH/PDCCH test cases	8.2.1	8.3.0
2009-09	RAN#45	R5-094921	0142	-	Correction to CQI performance test case	8.2.1	8.3.0
2009-09	RAN#45	R5-094922	0143	-	Test description for CQI test cases under AWGN conditions	8.2.1	8.3.0
2009-09	RAN#45	R5-094923	0144	-	Resubmission - Requirements for PMI reporting (Single and Multiple PMI)	8.2.1	8.3.0
2009-09	RAN#45	R5-094966	0145	-	CR to 36.521-1: Addition of A-MPR for band 19	8.2.1	8.3.0
2009-09	RAN#45	R5-094976	0146	-	Without loop back: 6.2.2 UE maximum output power	8.2.1	8.3.0
2009-09	RAN#45	R5-094977	0147	-	Without loop back: 6.3.2 Minimum output power	8.2.1	8.3.0
2009-09	RAN#45	R5-094979	0148	-	LTE-RF: CR for UE configured UE transmitted output power test case	8.2.1	8.3.0
2009-09	RAN#45	R5-094980	0149	-	CR to 36.521-1: Definition of Maximum Power state in TX/RX test cases	8.2.1	8.3.0
2009-09	RAN#45	R5-094982	0150	1	Correction of Tx general description	8.2.1	8.3.0
2009-09	RAN#45	R5-094986	0151	-	Update of 6.6.1OBW	8.2.1	8.3.0
2009-09	RAN#45	R5-094989	0152	-	Correction to 1PRB tests in Demodulation of PDSCH	8.2.1	8.3.0
2009-09	RAN#45	R5-094995	0153	-	Correction CR to 36.521-1: Update of Requirements for Additional Maximum Power Reduction (A-MPR) test	8.2.1	8.3.0
2009-09	RAN#45	R5-094996	0154	-	Correction to Demodulation of PHICH test cases	8.2.1	8.3.0
2009-09	RAN#45	R5-094997	0155	-	EVM TC update	8.2.1	8.3.0
2009-09	RAN#45	R5-095300	0156	-	LTE-RF: test description update	8.2.1	8.3.0
2009-09	RAN#45	R5-095301	0157	-	Correction CR to 36.521-1: Addition of measurement uncertainty and test tolerances for A-MPR	8.2.1	8.3.0
2009-09	RAN#45	R5-095304	0158	-	Sorting out Demodulation of PDSCH for FDD	8.2.1	8.3.0
2009-09	-	-	-	-	TOC update and Annexes' titles formattings	8.3.0	8.3.1
2009-12	RAN#46	R5-095515	0159	-	Correction CR to 36.521-1: Additional Spectrum Emission Mask test need to be updated to include the network signalled value "NS_07ö message contents exceptions	8.3.1	8.4.0
2009-12	RAN#46	R5-095589	0160	-	Update for test period description in the general section	8.3.1	8.4.0
2009-12	RAN#46	R5-095657	0161	-	LTE-RF: CR for Power Control Absolute power tolerance test case	8.3.1	8.4.0

2009-12	RAN#46	R5-095661	0162	-	LTE-RF: CR for UE minimum output power test case	8.3.1	8.4.0
2009-12	RAN#46	R5-095735	0163	-	Corrections to Annex A.4	8.3.1	8.4.0
2009-12	RAN#46	R5-095766	0164	-	LTE-RF: CR for In band emission for non-allocated RB	8.3.1	8.4.0
2009-12	RAN#46	R5-095790	0165	-	Completion of Statistical testing (36.521 Annex G)	8.3.1	8.4.0
2009-12	RAN#46	R5-095791	0166	-	Corrections to Annex E	8.3.1	8.4.0
2009-12	RAN#46	R5-096058	0167	-	Removal of [ ] from 7.6.1, 7.8.1, and 7.5 of Annex F3.3	8.3.1	8.4.0
2009-12	RAN#46	R5-096096	0168	-	Update on 8.2.1	8.3.1	8.4.0
2009-12	RAN#46	R5-096105	0169	-	LTE RF: Symbols Update on Configured UE Transmitted Power	8.3.1	8.4.0
2009-12	RAN#46	R5-096204	0170	-	LTE-RF: CR to Transmission signal quality	8.3.1	8.4.0
2009-12	RAN#46	R5-096208	0171	-	LTE-RF: CR for Power Control Relative power tolerance test case	8.3.1	8.4.0
2009-12	RAN#46	R5-096210	0172	-	LTE-RF: CR to ON/OFF Time mask test cases	8.3.1	8.4.0
2009-12	RAN#46	R5-096211	0173	-	Measurement period for TX-Tests	8.3.1	8.4.0
2009-12	RAN#46	R5-096213	0174	-	CR to 36.521-1: Update to Spurious Emissions test cases	8.3.1	8.4.0
2009-12	RAN#46	R5-096214	0175	-	CR to 36.521-1: Update to ACLR test case	8.3.1	8.4.0
2009-12	RAN#46	R5-096219	0176	-	LTE-RF: CR for UE configured UE transmitted output power test case	8.3.1	8.4.0
2009-12	RAN#46	R5-096222	0177	-	Test description for CQI test cases under AWGN conditions	8.3.1	8.4.0
2009-12	RAN#46	R5-096223	0178	-	LTE RF: Blocking Characteristics update	8.3.1	8.4.0
2009-12	RAN#46	R5-096224	0179	-	LTE RF: Spurious Response Update	8.3.1	8.4.0
2009-12	RAN#46	R5-096228	0180	-	LTE-RF: CR for MPR test case	8.3.1	8.4.0
2009-12	RAN#46	R5-096229	0204	2	CR to 36.521-1: Update to A-MPR test case	8.3.1	8.4.0
2009-12	RAN#46	R5-096230	0181	-	LTE RF: Applicability of 6.2.4 A-MPR	8.3.1	8.4.0
2009-12	RAN#46	R5-096231	0182	-	Correction to Demodulation of PHICH test cases	8.3.1	8.4.0
2009-12	RAN#46	R5-096235	0183	-	Introduction of CQI reporting test with frequency-selective interference	8.3.1	8.4.0
2009-12	RAN#46	R5-096239	0184	-	Update to the test procedure and message contents of TDD PMI reporting test cases	8.3.1	8.4.0
2009-12	RAN#46	R5-096240	0205	-	CR to 36.521-1: Update to Derivation of Test Requirements for A-MPR	8.3.1	8.4.0
2009-12	RAN#46	R5-096241	0185	-	Measurement uncertainties and Test Tolerances for transmit quality test cases	8.3.1	8.4.0
2009-12	RAN#46	R5-096242	0186	-	Update for 36.521-1 Annex A	8.3.1	8.4.0
2009-12	RAN#46	R5-096289	0187	-	CR on 36.521-1, 'Introduction of clause 8.2.1.1 test case uncertainties and Test Tolerances'	8.3.1	8.4.0
2009-12	RAN#46	R5-096306	0188	-	Update to the test procedure of SEM test cases of 36.521-1	8.3.1	8.4.0
2009-12	RAN#46	R5-096311	0189	-	Update of 6.6.1 OBW	8.3.1	8.4.0
2009-12	RAN#46	R5-096312	0190	-	Correction to SEM	8.3.1	8.4.0
2009-12	RAN#46	R5-096313	0191	-	Update of 6.7 Transmit intermodulation	8.3.1	8.4.0
2009-12	RAN#46	R5-096315	0192	-	CR to 36.521-1: Update to UE max output power test case	8.3.1	8.4.0
2009-12	RAN#46	R5-096316	0193	-	CR to 36.521-1: Update to Additional Spurious Emissions test case	8.3.1	8.4.0
2009-12	RAN#46	R5-096317	0194	-	CR to TDD PHICH demodulation test cases	8.3.1	8.4.0
2009-12	RAN#46	R5-096318	0195	-	Correction to FDD PMI reporting test cases	8.3.1	8.4.0
2009-12	RAN#46	R5-096320	0196	-	Tx power range and core update for Receiver tests	8.3.1	8.4.0
2009-12	RAN#46	R5-096322	0197	-	Update on 7.4, 7.5, and 7.8.1	8.3.1	8.4.0
2009-12	RAN#46	R5-096323	0198	-	Introduction of RI reporting test	8.3.1	8.4.0
2009-12	RAN#46	R5-096333	0199	-	Update to 6.5 Transmit signal quality test cases	8.3.1	8.4.0
2009-12	RAN#46	R5-096334	0200	-	LTE-RF: CR for Aggregate power control tolerance test case	8.3.1	8.4.0
2009-12	RAN#46	R5-096335	0201	-	Correction CR to 36.521-1: Update for Demodulation of PDSCH (FDD) tests to correct CR merges results from RAN5#44	8.3.1	8.4.0
2009-12	RAN#46	R5-096336	0206	1	Update TDD PDSCH test cases	8.3.1	8.4.0
2009-12	RAN#46	R5-096338	0202	-	Number of used HARQ processes in DL Performance tests	8.3.1	8.4.0
2009-12	RAN#46	R5-096342	0207	2	Minimum test time for performance tests	8.3.1	8.4.0
2009-12	RAN#46	R5-096718	0203	-	LTE RF: A-SEM update and A-MPR verification	8.3.1	8.4.0
2010-03	RAN#47	R5-100353	0208	-	LTE-RF CR to 36.521-1:TIME MASK test case updated	8.4.0	8.5.0
2010-03	RAN#47	R5-100354	0209	-	LTE-RF: CR for A-MPR notation in NS_07	8.4.0	8.5.0
2010-03	RAN#47	R5-100403	0210	-	LTE-RF: CR for Tx Intermodulation test case	8.4.0	8.5.0
2010-03	RAN#47	R5-100404	0211	-	LTE-RF: CR for OBW measurement period alignment	8.4.0	8.5.0
2010-03	RAN#47	R5-100408	0212	-	Reporting mode, Reporting Interval and Editorial corrections for demodulation	8.4.0	8.5.0
2010-03	RAN#47	R5-100456	0213	-	Misc update on MAC padding in Rx and performance sections	8.4.0	8.5.0
2010-03	RAN#47	R5-100566	0214	-	Missing Test limits in 36.521-1 Annex G	8.4.0	8.5.0
2010-03	RAN#47	R5-100567	0215	-	Wrong references from 36.521-1 clauses 8.4 and 8.5 into Annex G	8.4.0	8.5.0
2010-03	RAN#47	R5-100569	0216	-	Typos in 36.521-1, Annex E	8.4.0	8.5.0
2010-03	RAN#47	R5-100571	0217	-	Minimum test time for performance tests	8.4.0	8.5.0
2010-03	RAN#47	R5-100572	0218	-	Correction to 6.6.3.3 Additional spurious emissions	8.4.0	8.5.0
2010-03	RAN#47	R5-100790	0219	-	DL-RMC-s for transmitter tests: Corrections	8.4.0	8.5.0
2010-03	RAN#47	R5-100800	0220	-	Update of Test environment for RF test	8.4.0	8.5.0

2010-03	RAN#47	R5-100803	0221	-	Spectrum emission mask: Correction to uplink configuration	8.4.0	8.5.0
2010-03	RAN#47	R5-100807	0222	-	Performance tests: Scheduling of retransmissions	8.4.0	8.5.0
2010-03	RAN#47	R5-100810	0223	-	UL-RMC-s: Corrections and completion	8.4.0	8.5.0
2010-03	RAN#47	R5-100814	0224	-	Corrections to Cl 5.4.2.1 of TS 36.521-1	8.4.0	8.5.0
2010-03	RAN#47	R5-100815	0225	-	LTE-RF: CR for UE configured UE transmitted output power test case	8.4.0	8.5.0
2010-03	RAN#47	R5-100816	0226	-	LTE-RF: CR for Power Control Relative power tolerance test case	8.4.0	8.5.0
2010-03	RAN#47	R5-100822	0227	-	CR to 36.521-1: Update to Maximum output power	8.4.0	8.5.0
2010-03	RAN#47	R5-100823	0228	-	CR to 36.521-1: Update to ACLR test case	8.4.0	8.5.0
2010-03	RAN#47	R5-100825	0229	-	CR to 36.521-1: Update to Additional Tx spurious emissions test case	8.4.0	8.5.0
2010-03	RAN#47	R5-100826	0230	-	RMC-s and OCNG patterns: Update according 36.101 8.8.0	8.4.0	8.5.0
2010-03	RAN#47	R5-100827	0231	-	Receiver and performance tests: Update use of OCNG according 36.101 8.8.0	8.4.0	8.5.0
2010-03	RAN#47	R5-100828	0232	-	Update of PDSCH Demodulation Tests	8.4.0	8.5.0
2010-03	RAN#47	R5-100831	0233	-	Introduction of clause 8.2.1.2, 8.2.1.3, 8.2.1.4 test case uncertainties and Test Tolerances	8.4.0	8.5.0
2010-03	RAN#47	R5-100832	0234	-	Clarifications on DRS performance test case	8.4.0	8.5.0
2010-03	RAN#47	R5-100833	0235	-	Misc update on MAC padding in PDCCH, CSI test	8.4.0	8.5.0
2010-03	RAN#47	R5-100834	0236	-	Updates to the TDD portion of CQI reporting test cases under AWGN	8.4.0	8.5.0
2010-03	RAN#47	R5-100838	0237	-	Editorial Correction to 8.2.1.3	8.4.0	8.5.0
2010-03	RAN#47	R5-100839	0238	-	Update on Annex C for 36.521-1	8.4.0	8.5.0
2010-03	RAN#47	R5-100840	0239	-	Update on MAC padding in TDD PMI test case 9.4 of 36.521-1.	8.4.0	8.5.0
2010-03	RAN#47	R5-100841	0240	-	Correction to CQI test cases under AWGN conditions	8.4.0	8.5.0
2010-03	RAN#47	R5-100842	0241	-	Correction to CQI test cases under fading conditions	8.4.0	8.5.0
2010-03	RAN#47	R5-100843	0242	-	Correction to PMI reporting test cases	8.4.0	8.5.0
2010-03	RAN#47	R5-100845	0243	-	CSI: Corrections to tests titles and RI clause structure	8.4.0	8.5.0
2010-03	RAN#47	R5-100848	0244	-	CR to 36.521-1: Update LTE RF test cases with test requirements for extended LTE1500MHz	8.4.0	8.5.0
2010-03	RAN#47	R5-100886	0245	-	Transmitter characteristics: UE Categories and other corrections	8.4.0	8.5.0
2010-03	RAN#47	R5-100887	0246	-	CR to 36.521-1: Update to Tx spurious emissions and Spurious emission band UE co-existence	8.4.0	8.5.0
2010-03	RAN#47	R5-100888	0247	-	Clarification on notes in Max Power	8.4.0	8.5.0
2010-03	RAN#47	R5-100889	0248	-	Maximum input level: Corrections w.r.t. UE categories	8.4.0	8.5.0
2010-03	RAN#47	R5-100891	0249	-	Correction to PDCCH demodulation test cases	8.4.0	8.5.0
2010-03	RAN#47	R5-100892	0250	-	Correction to PHICH demodulation test cases	8.4.0	8.5.0
2010-03	RAN#47	R5-100907	0251	-	Update of RI reporting test case	8.4.0	8.5.0
2010-03	RAN#47	R5-100909	0252	-	Correction to set UL power in Rx TCs	8.4.0	8.5.0
2010-03	RAN#47	-	-	-	Moved to v9.0.0 with no change	8.5.0	9.0.0
2010-06	RAN#48	R5-103102	0253	-	CR to 36.521-1: Update of EARFCN for band 21	9.0.0	9.1.0
2010-06	RAN#48	R5-103103	0254	-	CR to 36.521-1: Update of A-MPR test case with band 21	9.0.0	9.1.0
2010-06	RAN#48	R5-103104	0255	-	CR to 36.521-1: Update of Additional Spurious test case with band 21	9.0.0	9.1.0
2010-06	RAN#48	R5-103106	0256	-	CR to 36.521-1: Update to ACLR test case	9.0.0	9.1.0
2010-06	RAN#48	R5-103108	0257	-	CR to 36.521-1: Update of Reference sensitivity level test case	9.0.0	9.1.0
2010-06	RAN#48	R5-103226	0258	-	CR to 36.521-1: Update of UE RF requirements for LTE, Band 20	9.0.0	9.1.0
2010-06	RAN#48	R5-103263	0259	-	LTE-RF: Updates of PDCCH demodulation test cases (FDD and TDD)	9.0.0	9.1.0
2010-06	RAN#48	R5-103265	0260	-	LTE-RF:CR for TDD ACK/NACK feedback mode in CQI BLER test cases	9.0.0	9.1.0
2010-06	RAN#48	R5-103288	0261	-	PDCCH Aggregation level for RF tests	9.0.0	9.1.0
2010-06	RAN#48	R5-103291	0262	-	Update and correction to UE maximum output power requirements	9.0.0	9.1.0
2010-06	RAN#48	R5-103293	0263	-	Editorial correction in In-band blocking test	9.0.0	9.1.0
2010-06	RAN#48	R5-103296	0264	-	Correction to additional spectrum emission mask test configuration	9.0.0	9.1.0
2010-06	RAN#48	R5-103300	0265	-	Corrections to Uplink RMC-s	9.0.0	9.1.0
2010-06	RAN#48	R5-103450	0266	-	LTE-RF: editorial CR for TC 7.6.2 and 7.7	9.0.0	9.1.0
2010-06	RAN#48	R5-103471	0267	-	Minimum test time for performance tests	9.0.0	9.1.0
2010-06	RAN#48	R5-103476	0268	-	EVM with exclusion period (annex)	9.0.0	9.1.0
2010-06	RAN#48	R5-103521	0269	-	CR on 36.521-1 for updating the "Reporting of Channel State Information"	9.0.0	9.1.0
2010-06	RAN#48	R5-103525	0270	-	CR on 36.521-1 for corrections in UE RF requirements	9.0.0	9.1.0
2010-06	RAN#48	R5-103598	0271	-	Correction to notes in Max Power	9.0.0	9.1.0
2010-06	RAN#48	R5-103602	0272	-	Clarification of measurement conditions for Rx spurious emission	9.0.0	9.1.0

2010-06	RAN#48	R5-103726	0273	-	CR to 36.521-1: Update of Spurious emission band UE co-existence test case	9.0.0	9.1.0
2010-06	RAN#48	R5-103727	0274	-	LTE-RF: CR for Prach time mask test case	9.0.0	9.1.0
2010-06	RAN#48	R5-103728	0275	-	LTE-RF: CR for General ON/OFF time mask test case	9.0.0	9.1.0
2010-06	RAN#48	R5-103729	0276	-	LTE-RF: Update to spectrum flatness test case and relevant annexes	9.0.0	9.1.0
2010-06	RAN#48	R5-103730	0277	-	LTE-RF:CR for test case of In-band emissions	9.0.0	9.1.0
2010-06	RAN#48	R5-103731	0278	-	EVM with exclusion period (test)	9.0.0	9.1.0
2010-06	RAN#48	R5-103732	0279	-	CR to 36.521-1 on Correction to Demodulation Requirements for PDSCH	9.0.0	9.1.0
2010-06	RAN#48	R5-103733	0280	-	CR to 36.521-1: Update PDCCH DCI Formats for Open Loop and Closed Loop Spatial Multiplexing Test Cases	9.0.0	9.1.0
2010-06	RAN#48	R5-103751	0281	-	Misc update in CSI tests	9.0.0	9.1.0
2010-06	RAN#48	R5-103752	0282	-	Correction of the statistical part in PMI and RI tests	9.0.0	9.1.0
2010-06	RAN#48	R5-103753	0283	-	LTE-RF:CR to downlink RMCs for TX characteristics	9.0.0	9.1.0
2010-06	RAN#48	R5-103754	0284	-	LTE-RF: Update of annex C	9.0.0	9.1.0
2010-06	RAN#48	R5-103756	0285	-	Measuring throughput ratios (Annex G)	9.0.0	9.1.0
2010-06	RAN#48	R5-103763	0286	-	LTE-RF: CR for Minimum output power test case	9.0.0	9.1.0
2010-06	RAN#48	R5-103764	0287	-	Performance, CSI reporting and uncertainties for UEs with multiple Rx antennas	9.0.0	9.1.0
2010-06	RAN#48	R5-103771	0288	-	Introduction of clause 8.4.1 and 8.5.1 test case uncertainties and Test Tolerances	9.0.0	9.1.0
2010-06	RAN#48	R5-103778	0291	-	Uplink power for receiver tests	9.0.0	9.1.0
2010-06	RAN#48	R5-103780	0292	1	Addition of the exceptional message for In-band emissions	9.0.0	9.1.0
2010-06	RAN#48	R5-103781	0289	-	Correction to 6.5.2.1 EVM	9.0.0	9.1.0
2010-06	RAN#48	R5-103782	0290	-	Correction to CQI reporting	9.0.0	9.1.0
2010-09	RAN#49	R5-104090	0294	-	Corrections to Spectrum emission mask test regarding UE category	9.1.0	9.2.0
2010-09	RAN#49	R5-104091	0295	-	Missing note in Additional spurious emission test with NS_07	9.1.0	9.2.0
2010-09	RAN#49	R5-104095	0296	-	PDCCH Aggregation level for CSI tests	9.1.0	9.2.0
2010-09	RAN#49	R5-104096	0297	-	Default initial and connection Uplink power for RF tests	9.1.0	9.2.0
2010-09	RAN#49	R5-104212	0298	-	Limits on Uplink power for Receiver tests	9.1.0	9.2.0
2010-09	RAN#49	R5-104244	0299	-	Correction to Demodulation Requirements	9.1.0	9.2.0
2010-09	RAN#49	R5-104461	0300	-	CR to 36.521-1: Editorial Corrections for Closed Loop Spatial Multiplexing Test Cases	9.1.0	9.2.0
2010-09	RAN#49	R5-104478	0301	-	Correction to Test requirements in 6.5.2.2	9.1.0	9.2.0
2010-09	RAN#49	R5-104482	0302	-	Correction to 8.2.1.1	9.1.0	9.2.0
2010-09	RAN#49	R5-104520	0303	-	36521-1 General update of sections 00 to 08: missing Introduction references formatting	9.1.0	9.2.0
2010-09	RAN#49	R5-104583	0304	-	No necessity to apply - consecutive time slots for EVM	9.1.0	9.2.0
2010-09	RAN#49	R5-104584	0305	-	Correction to E.4.4 EVM equalizer spectrum flatness	9.1.0	9.2.0
2010-09	RAN#49	R5-104630	0306	-	Correction of table reference in In-band emissions test	9.1.0	9.2.0
2010-09	RAN#49	R5-104808	0307	-	CR to 36.521-1: Update to Additional Spectrum Emission Mask test case	9.1.0	9.2.0
2010-09	RAN#49	R5-104809	0308	-	CR to 36.521-1: Update to Spurious emission band UE co-existence test case	9.1.0	9.2.0
2010-09	RAN#49	R5-104810	0309	-	LTE-RF: CR for Max Output Power	9.1.0	9.2.0
2010-09	RAN#49	R5-104811	0310	-	LTE-RF: CR for Freq Error	9.1.0	9.2.0
2010-09	RAN#49	R5-104812	0311	-	Introduction of exclusion period for PUCCH-EVM test in clause 6.5.3	9.1.0	9.2.0
2010-09	RAN#49	R5-104813	0312	-	Correction to Demodulation UE-Specific Reference Symbols	9.1.0	9.2.0
2010-09	RAN#49	R5-104814	0313	-	Uncertainties and Test Tolerances for CSI Test cases 9.2.1.1 and 9.2.1.2	9.1.0	9.2.0
2010-09	RAN#49	R5-104815	0314	-	Uncertainties and Test Tolerances for CSI Test cases 9.2.2.1 and 9.2.2.2	9.1.0	9.2.0
2010-09	RAN#49	R5-104816	0315	-	UE applicability for CSI test cases	9.1.0	9.2.0
2010-09	RAN#49	R5-104817	0316	-	Update of CQI reporting TCs under fading conditions	9.1.0	9.2.0
2010-09	RAN#49	R5-104818	0317	-	Update of Reporting of Precoding Matrix Indicator TCs	9.1.0	9.2.0
2010-09	RAN#49	R5-104819	0318	-	Correction of the statistical part 9.3.1.1.1 (CQI Reporting under fading conditions)	9.1.0	9.2.0
2010-09	RAN#49	R5-104820	0319	-	Correction of the statistical part 9.3.3.1.1 (CQI Reporting under fading conditions)	9.1.0	9.2.0
2010-09	RAN#49	R5-104821	0320	-	Correction of the statistical part 9.3.2.1.1 (CQI Reporting under fading conditions)	9.1.0	9.2.0
2010-09	RAN#49	R5-104822	0321	-	Update and new RMC-s for CQI tests	9.1.0	9.2.0
2010-09	RAN#49	R5-104823	0322	-	Correction of EVM calculation in annex	9.1.0	9.2.0
2010-09	RAN#49	R5-104824	0323	-	Introduction of exclusion period for PUCCH-EVM test in Annex E	9.1.0	9.2.0
2010-09	RAN#49	R5-104844	0324	-	Pcmax changes to Configured UE Transmitted Output Power	9.1.0	9.2.0
2010-09	RAN#49	R5-104845	0325	-	Clarification on the frequency range with net work signal in 6.6.3.2	9.1.0	9.2.0
2010-09	RAN#49	R5-104846	0326	-	Update of editor's notes	9.1.0	9.2.0

2010-09	RAN#49	R5-104847	0327	-	Removal of Extreme Conditions in 6.2.3	9.1.0	9.2.0
2010-09	RAN#49	R5-104850	0328	-	Corrections to Test procedure loop in CSI tests	9.1.0	9.2.0
2010-09	RAN#49	R5-104851	0329	-	Introduction of TDD CQI Reporting under fading conditions and frequency-selective interference test case	9.1.0	9.2.0
2010-09	RAN#49	R5-104852	0330	-	Introduction of TDD RI Reporting test case	9.1.0	9.2.0
2010-09	RAN#49	R5-104853	0331	-	Update of CQI reporting TCs under AWGN conditions	9.1.0	9.2.0
2010-09	RAN#49	R5-104854	0332	-	Update of FDD RI Reporting TC	9.1.0	9.2.0
2010-09	RAN#49	R5-104857	0333	-	CR to 36.521-1 LTE UE Tx_RX test cases band 20	9.1.0	9.2.0
2010-09	RAN#49	R5-104861	0334	-	Corrections to Test requirements for MPR test	9.1.0	9.2.0
2010-09	RAN#49	R5-104863	0335	-	Clarification on notes in Max Power	9.1.0	9.2.0
2010-09	RAN#49	R5-104872	0336	-	Correction to 6.3.5.2	9.1.0	9.2.0
2010-09	RAN#49	R5-104873	0337	-	Numbering and alignment of TDD PHICH demod test cases	9.1.0	9.2.0
2010-09	RAN#49	R5-104874	0338	-	Correction to test numbering for exceptional messages in 8.2.x.x	9.1.0	9.2.0
2010-09	RAN#49	R5-104875	0339	-	Correction to 9.2.2	9.1.0	9.2.0
2010-09	RAN#49	R5-104876	0340	-	Correction to the test procedures of 9.3.x	9.1.0	9.2.0
2010-09	RAN#49	R5-104877	0341	-	Correction to 9.4.x	9.1.0	9.2.0
2010-09	RAN#49	R5-104878	0342	-	The new reference of connection diagram for 9.3.3	9.1.0	9.2.0
2010-09	RAN#49	R5-104879	0343	-	Correction to 6.3.4.1 and 6.3.5.1	9.1.0	9.2.0
2010-09	RAN#49	R5-104888	0344	-	Update of Annex C.2 for AG level	9.1.0	9.2.0
2010-09	RAN#49	R5-105055	0345	-	Introduction of a new RF test case (8.7) to verify downlink sustained data rate performance	9.1.0	9.2.0
2010-09	RAN#49	R5-105061	0347	-	CR to 36.521-1: Modification to Additional Maximum Power Reduction Test Case	9.1.0	9.2.0
2010-09	RAN#49	R5-105062	0348	-	Modification to Additional Spectrum Emission Mask	9.1.0	9.2.0
2010-09	RAN#49	R5-105063	0349	-	Modification to Additional Spurious Emissions	9.1.0	9.2.0
2010-09	RAN#49	R5-105064	0350	-	Modification to Maximum Power Reduction	9.1.0	9.2.0
2010-09	RAN#49	R5-105065	0351	-	Modification to Adjacent Channel Leakage Power Ratio	9.1.0	9.2.0
2010-09	RAN#49	RP-100987	0352	-	Correction of status for RF performance test case	9.1.0	9.2.0
2010-12	RAN#50	R5-106073	0353	-	Corrections to receiver spurious emissions test	9.2.0	9.3.0
2010-12	RAN#50	R5-106074	0354	-	Update of downlink power for receiver tests	9.2.0	9.3.0
2010-12	RAN#50	R5-106076	0355	-	CQI: Side condition when CQI median equals min or max CQI-values	9.2.0	9.3.0
2010-12	RAN#50	R5-106077	0356	-	Update of the throughput-definition for multi-data stream transmission	9.2.0	9.3.0
2010-12	RAN#50	R5-106078	0357	-	Update of RF OCNG patterns	9.2.0	9.3.0
2010-12	RAN#50	R5-106092	0358	-	Correction of DCI format used in PDSCH performance test 8.2.1.4.2	9.2.0	9.3.0
2010-12	RAN#50	R5-106249	0359	-	CR to 36.521-1: Correction to Spurious emission band UE co-existence test case	9.2.0	9.3.0
2010-12	RAN#50	R5-106250	0360	-	CR to 36.521-1: Correction to Additional Tx spurious emissions test case	9.2.0	9.3.0
2010-12	RAN#50	R5-106374	0361	-	Correction of FDD CQI reporting test under AWGN - PUCCH 1-1	9.2.0	9.3.0
2010-12	RAN#50	R5-106394	0362	-	Correction of clause 9.3.1 and 9.3.3	9.2.0	9.3.0
2010-12	RAN#50	R5-106399	0363	-	"Correction of G.2.5 Pass fail decision rules"	9.2.0	9.3.0
2010-12	RAN#50	R5-106420	0364	-	Introduction of test uncertainties and tolerances for TDD PDSCH DRS test cases	9.2.0	9.3.0
2010-12	RAN#50	R5-106440	0365	-	Correction to unsigned numbers in Annex F.1.2	9.2.0	9.3.0
2010-12	RAN#50	R5-106443	0366	-	Correction to the exceptional messages in 9.4 Reporting of PMI TCs	9.2.0	9.3.0
2010-12	RAN#50	R5-106491	0367	-	CR to 36.521-1: Correction to Table Numbering Error in TDD PDSCH Closed Loop Single/Multi Layer Spatial Multiplexing 2x2	9.2.0	9.3.0
2010-12	RAN#50	R5-106512	0368	-	Transport format table clarification in CSI test cases	9.2.0	9.3.0
2010-12	RAN#50	R5-106801	0369	-	HARQ scheduling in TDD performance tests using special subframes	9.2.0	9.3.0
2010-12	RAN#50	R5-106803	0370	-	Correction to Fading Profiles in TCs 8.4 and 8.5	9.2.0	9.3.0
2010-12	RAN#50	R5-106816	0372	-	CR to 36.521-1: Modification to Spectrum Emissions Mask	9.2.0	9.3.0
2010-12	RAN#50	R5-106817	0373	-	Introduction of test uncertainties and tolerances for TDD PCFICH/PDCCH and PHICH test cases	9.2.0	9.3.0
2010-12	RAN#50	R5-106818	0374	-	Update of TDD PDSCH CRS Demodulation test cases	9.2.0	9.3.0
2010-12	RAN#50	R5-106821	0375	-	PUSCH-EVM with exclusion period	9.2.0	9.3.0
2010-12	RAN#50	R5-106822	0376	-	Maintenance of Band 20 for receiver tests	9.2.0	9.3.0
2010-12	RAN#50	R5-106823	0377	-	Completion of clause 9.3.1 and 9.3.2	9.2.0	9.3.0
2010-12	RAN#50	R5-106824	0378	-	Update of FDD RI Reporting TC	9.2.0	9.3.0
2010-12	RAN#50	R5-106825	0379	-	Correction to 9.2.2 CQI TCs	9.2.0	9.3.0
2010-12	RAN#50	R5-106826	0380	-	G.3.5 on PDCCH&PHICH Minimum Test Times	9.2.0	9.3.0
2010-12	RAN#50	R5-106827	0381	-	Completion of test time and $\frac{1}{T}$-TT for clauses 9.3 to 9.5	9.2.0	9.3.0
2010-12	RAN#50	R5-106828	0382	-	EVM window length for PRACH	9.2.0	9.3.0
2010-12	RAN#50	R5-106842	0383	-	Modification of TC 8.3.2.1 - TDD PDSCH Single-layer SM Performance (UE-Specific Reference Symbols)	9.2.0	9.3.0

2010-12	RAN#50	R5-106843	0384	-	Power control relative power tolerance: Missing band edge relaxation	9.2.0	9.3.0
2010-12	RAN#50	R5-106844	0385	-	SRS time mask test procedure update	9.2.0	9.3.0
2010-12	RAN#50	R5-106845	0386	-	Correction of TC General ON/OFF time mask	9.2.0	9.3.0
2010-12	RAN#50	R5-106846	0387	-	Update of TDD CQI reporting test under frequency selective interference conditions	9.2.0	9.3.0
2010-12	RAN#50	R5-106847	0388	-	Update of TDD RI reporting test	9.2.0	9.3.0
2010-12	RAN#50	R5-106848	0389	-	Iot setting in CQI test clarification	9.2.0	9.3.0
2010-12	RAN#50	R5-106850	0390	-	Correction of Test Uncertainties and Test Tolerances for Reference Sensitivity-Band 4	9.2.0	9.3.0
2010-12	RAN#50	R5-106855	0391	-	Correction to DL and UL RMC configurations in 6.5.1 Frequency Error	9.2.0	9.3.0
2010-12	RAN#50	R5-106858	0392	-	CR to 36.521-1: Update LTE RF test cases with test requirements for EUTRA TDD LTE band 41.	9.2.0	9.3.0
2011-03	RAN#51	R5-110138	0393	-	Spurious emission band co-existence test: Remaining old test requirement table	9.3.0	9.4.0
2011-03	RAN#51	R5-110139	0394	-	Transmit intermodulation test: Interferer offset for Band 20, Bandwidth 20 MHz	9.3.0	9.4.0
2011-03	RAN#51	R5-110141	0395	-	PMI Performance tests: Corrections to test settings	9.3.0	9.4.0
2011-03	RAN#51	R5-110143	0396	-	PDCCH Performance test: Correction to TDD DL RMC-s	9.3.0	9.4.0
2011-03	RAN#51	R5-110144	0397	-	OCNG for RF tests: Updates	9.3.0	9.4.0
2011-03	RAN#51	R5-110158	0398	-	CQI Performance tests: Clarification on subbands used in the test	9.3.0	9.4.0
2011-03	RAN#51	R5-110302	0399	-	LTE RF: PCFICH/PDCCH Transmit Diversity Performance	9.3.0	9.4.0
2011-03	RAN#51	R5-110349	0401	-	Correction of OFF power measurements in 6.3.4 ON/OFF time mask	9.3.0	9.4.0
2011-03	RAN#51	R5-110354	0402	-	Correction of Annex E (Global In-Channel TX-Test)	9.3.0	9.4.0
2011-03	RAN#51	R5-110506	0403	-	Addition of 3500 MHz TDD bands into chapter 5 of 36.521-1	9.3.0	9.4.0
2011-03	RAN#51	R5-110747	0404	-	Updates to section 8.7 DL sustained data rate test case	9.3.0	9.4.0
2011-03	RAN#51	R5-110850	0405	-	Sustained data rate: Definition of UL RMC-s	9.3.0	9.4.0
2011-03	RAN#51	R5-110860	0400	-	Update measurement period from test procedure of 6.2.2	9.3.0	9.4.0
2011-03	RAN#51	R5-110861	0428	-	A-MPR Test requirement update	9.3.0	9.4.0
2011-03	RAN#51	R5-110862	0437	-	Measuring throughput with different payload size.	9.3.0	9.4.0
2011-03	RAN#51	R5-110900	0406	-	Correction to SNR reference in FDD PCFICH/PDCCH Single Antenna Port Performance Test	9.3.0	9.4.0
2011-03	RAN#51	R5-110901	0407	-	CR to 36.521-1: Correction of Additional Maximum Power Reduction (A-MPR) test case	9.3.0	9.4.0
2011-03	RAN#51	R5-110915	0408	-	Uncertainties and Test Tolerances for CSI Test cases 9.3.1.1.x and 9.3.2.1.x	9.3.0	9.4.0
2011-03	RAN#51	R5-110916	0409	-	Uncertainties and Test Tolerances for CSI Test cases 9.3.3.1.x	9.3.0	9.4.0
2011-03	RAN#51	R5-110917	0410	-	Uncertainties and Test Tolerances for CSI Test cases 9.4.1.1.x and 9.4.2.1.x	9.3.0	9.4.0
2011-03	RAN#51	R5-110918	0411	-	Uncertainties and Test Tolerances for CSI Test cases 9.5.1.x	9.3.0	9.4.0
2011-03	RAN#51	R5-110919	0412	-	Editorial errors in CSI test cases 9.2.1.x Test procedure	9.3.0	9.4.0
2011-03	RAN#51	R5-110933	0413	-	Handling of different releases in RAN5 LTE RF specification	9.3.0	9.4.0
2011-03	RAN#51	R5-110938	0414	-	PRACH Time mask and EVM tests: TDD Special subframe configuration	9.3.0	9.4.0
2011-03	RAN#51	R5-110939	0415	-	Update on PRACH time mask for TDD	9.3.0	9.4.0
2011-03	RAN#51	R5-110940	0416	-	Correction of the connection diagram reference in the initial conditions for Transmitter Characteristics	9.3.0	9.4.0
2011-03	RAN#51	R5-110941	0417	-	Update of the reference sensitivity requirement for the 1.4MHz and 3MHz bandwidths and note correction for Band 3 and Band 9	9.3.0	9.4.0
2011-03	RAN#51	R5-110942	0418	-	CR Removing brackets of band 41 reference sensitivity in 36.521-1	9.3.0	9.4.0
2011-03	RAN#51	R5-110949	0419	-	PDCCH and PHICH performance tests: Updates and corrections	9.3.0	9.4.0
2011-03	RAN#51	R5-110950	0420	-	Addition of CodeBookSubsetRestriction bitmap for Multi-Layer Spatial Multiplexing	9.3.0	9.4.0
2011-03	RAN#51	R5-110951	0421	-	Addition of exceptional message in 8.4.1.2.2	9.3.0	9.4.0
2011-03	RAN#51	R5-110952	0422	-	CQI test 9.2.2.2: Update acc TS 36.101	9.3.0	9.4.0
2011-03	RAN#51	R5-110953	0423	-	Maximum input level test: Correction to DL-RMC	9.3.0	9.4.0
2011-03	RAN#51	R5-110954	0424	-	Correction of E.7, EVM with exclusion period	9.3.0	9.4.0
2011-03	RAN#51	R5-110967	0425	-	Updates to Additional Spurious emissions and Spurious emission band UE co-existence test	9.3.0	9.4.0
2011-03	RAN#51	R5-110970	0426	-	LTE RF: references to state 3A in 36.521-1	9.3.0	9.4.0
2011-03	RAN#51	R5-110973	0429	-	RI Performance tests: Corrections	9.3.0	9.4.0
2011-03	RAN#51	R5-110975	0430	-	Completion of annex G.3.5 (Minimum test time, performance tests)	9.3.0	9.4.0
2011-03	RAN#51	R5-110978	0431	-	Correction to Band 12 frequency range	9.3.0	9.4.0
2011-03	RAN#51	R5-110979	0432	-	Additional in-band blocking requirement for Band 12	9.3.0	9.4.0
2011-03	RAN#51	R5-110989	0433	-	Completion of annex G.3.6 (test conditions, performance tests)	9.3.0	9.4.0

2011-03	RAN#51	R5-110990	0434	-	Addition of test cases of TDD PDSCH Single-layer and Dual-layer Spatial Multiplexing Performance	9.3.0	9.4.0
2011-03	RAN#51	R5-110991	0435	-	Correction to Times Mask and Power Control tests	9.3.0	9.4.0
2011-03	RAN#51	R5-110992	0436	-	Add requirement of QPSK with partial RB allocation into test requirement of 6.2.3	9.3.0	9.4.0
2011-04	-	-	-	-	Added approved R5-110967 which was missing.	9.4.0	9.4.1
2011-06	RAN#52	R5-112148	0438	-	ON/OFF time mask for PRACH: PRACH configuration index	9.4.1	9.5.0
2011-06	RAN#52	R5-112149	0439	-	CQI tests with frequency selective scheduling mode: Random selection of Sub-Bands	9.4.1	9.5.0
2011-06	RAN#52	R5-112150	0440	-	DL-RMC for receiver tests: Obsolete editors note	9.4.1	9.5.0
2011-06	RAN#52	R5-112211	0441	-	Adding Band 24 to TS 36.521-1	9.4.1	9.5.0
2011-06	RAN#52	R5-112311	0442	-	Correction to the sustained data rate tests	9.4.1	9.5.0
2011-06	RAN#52	R5-112312	0443	-	Correction to the multi-antenna transmission tests	9.4.1	9.5.0
2011-06	RAN#52	R5-112349	0444	-	Update Annex G.3.6 for spatial multiplexing test cases	9.4.1	9.5.0
2011-06	RAN#52	R5-112412	0445	-	Correction to DL RMC for Max input for UE category 2	9.4.1	9.5.0
2011-06	RAN#52	R5-112459	0446	-	EVM window length for PRACH	9.4.1	9.5.0
2011-06	RAN#52	R5-112460	0447	-	Removal of square brackets in Annex G.5.4	9.4.1	9.5.0
2011-06	RAN#52	R5-112462	0448	-	Test tolerances for EVM with exclusion period	9.4.1	9.5.0
2011-06	RAN#52	R5-112808	0449	-	LTE RF - UEs Demodulation and CSI Band applicability	9.4.1	9.5.0
2011-06	RAN#52	R5-112810	0450	-	Correction on test requirement of test case 6.5.2.3	9.4.1	9.5.0
2011-06	RAN#52	R5-112811	0451	-	LTE RF - TC6.3.5.2 Change in Minimum Requirements	9.4.1	9.5.0
2011-06	RAN#52	R5-112812	0452	-	Removable of NS values for TDD	9.4.1	9.5.0
2011-06	RAN#52	R5-112813	0453	-	Correction on initial condition for test cases of 9.3.3	9.4.1	9.5.0
2011-06	RAN#52	R5-112814	0454	-	Correction to 9.4 PMI test cases	9.4.1	9.5.0
2011-06	RAN#52	R5-112816	0455	-	Test procedure change on Tx spurious emissions test cases	9.4.1	9.5.0
2011-06	RAN#52	R5-112850	0456	-	Update of Initial conditions according to table 7.3.3-2 for the 5MHz and 10MHz bandwidths	9.4.1	9.5.0
2011-06	RAN#52	R5-112851	0457	-	Iot modelling in frequency-selective interference CQI tests	9.4.1	9.5.0
2011-06	RAN#52	R5-112852	0458	-	Correction to test procedure in 9.5.1	9.4.1	9.5.0
2011-06	RAN#52	R5-112859	0459	-	Introduction of additional PDCCH test cases for Rel-9	9.4.1	9.5.0
2011-06	RAN#52	R5-112860	0460	-	Introduction of additional PHICH test cases for Rel-9	9.4.1	9.5.0
2011-06	RAN#52	R5-112861	0461	-	Introducing UE-selected subband CQI tests for Rel-9	9.4.1	9.5.0
2011-06	RAN#52	R5-112862	0462	-	Introduction of new PMI test cases for UE-selected sub-band reporting for Rel-9	9.4.1	9.5.0
2011-06	RAN#52	R5-112863	0463	-	Addition of a new TC for FDD MBMS performance	9.4.1	9.5.0
2011-06	RAN#52	R5-112864	0464	-	Addition of a new TC for TDD MBMS performance	9.4.1	9.5.0
2011-06	RAN#52	R5-112866	0465	-	Addition of UE category 1 coverage for single-layer spatial multiplexing transmission on antenna port 7 or 8	9.4.1	9.5.0
2011-06	RAN#52	R5-112870	0466	-	Removal of square brackets in annex G.3.5 (Minimum test time, performance tests)	9.4.1	9.5.0
2011-06	RAN#52	R5-112871	0467	-	Update minimum requirements and test requirements for spatial multiplexing test cases	9.4.1	9.5.0
2011-06	RAN#52	R5-112873	0468	-	Test procedure change on few Rx test cases	9.4.1	9.5.0
2011-09	RAN#53	R5-113178	0506	-	RF TC 8.7.2: Correction of the ACK/NACK feedback mode	9.5.0	9.6.0
2011-09	RAN#53	R5-113179	0469	-	RF TC-s 9.3.4: Updates to minimum requirements and corrections to test procedures	9.5.0	9.6.0
2011-09	RAN#53	R5-113180	0470	-	RF: New UL RMC for 10 MHz 15RB-s	9.5.0	9.6.0
2011-09	RAN#53	R5-113181	0471	-	RF: Use of State 3A-RF	9.5.0	9.6.0
2011-09	RAN#53	R5-113233	0472	-	LTE RF: EVM Annex E correction	9.5.0	9.6.0
2011-09	RAN#53	R5-113238	0473	-	RF TC 6.3.4.2.2: Correction to SRS configuration	9.5.0	9.6.0
2011-09	RAN#53	R5-113368	0474	-	Correction in test cases of 8.2.2.1.2 and 8.5.1	9.5.0	9.6.0
2011-09	RAN#53	R5-113369	0475	-	Correction in test cases of 9.5	9.5.0	9.6.0
2011-09	RAN#53	R5-113380	0476	-	Update of minimum test time for PCFICH/PDCCH and PHICH tests	9.5.0	9.6.0
2011-09	RAN#53	R5-113383	0477	-	Correction of Table G.3.5-1 (minimum test time)	9.5.0	9.6.0
2011-09	RAN#53	R5-113419	0478	-	Correction for spurious emission band UE co-existence limits of Band 3	9.5.0	9.6.0
2011-09	RAN#53	R5-113454	0479	-	Correction to test procedure in 6.5.1	9.5.0	9.6.0
2011-09	RAN#53	R5-113455	0480	-	Correction to Minimum requirement in 6.6.2.2	9.5.0	9.6.0
2011-09	RAN#53	R5-113456	0481	-	Correction to RMC for PDCCH/PCFICH performance requirements	9.5.0	9.6.0
2011-09	RAN#53	R5-113458	0482	-	Correction to CSI TCs	9.5.0	9.6.0
2011-09	RAN#53	R5-113541	0483	-	Introduction of Expanded 1900MHz Band (Band 25) into section 5 of 36.521-1	9.5.0	9.6.0
2011-09	RAN#53	R5-113596	0506	-	Abbreviation update and Editorial corrections in TS 36.521-1	9.5.0	9.6.0
2011-09	RAN#53	R5-114000	0484	-	Correction in 6.3.5.2 Power Control Relative power tolerance	9.5.0	9.6.0
2011-09	RAN#53	R5-114001	0485	-	Correction in 6.3.4.2.2 SRS time mask	9.5.0	9.6.0
2011-09	RAN#53	R5-114002	0486	-	Addition of PDSCH TDD performance tests for Low UE categories	9.5.0	9.6.0
2011-09	RAN#53	R5-114003	0487	-	Additional FDD scenarios	9.5.0	9.6.0
2011-09	RAN#53	R5-114004	0488	-	Addition of RMC-s for PDSCH performance tests for low UE categories	9.5.0	9.6.0

2011-09	RAN#53	R5-114032	0489	-	Introduction of Expanded 1900MHz Band (Band 25) into section 6 of 36.521-1	9.5.0	9.6.0
2011-09	RAN#53	R5-114033	0490	-	Correction on TDD MBMS performance requirements for 64QAM mode	9.5.0	9.6.0
2011-09	RAN#53	R5-114034	0491	-	Correction on FDD MDMS performance requirements for 64QAM mode	9.5.0	9.6.0
2011-09	RAN#53	R5-114038	0492	-	RF TC 6.3.5.2: Consideration of band edge relaxation in test requirements	9.5.0	9.6.0
2011-09	RAN#53	R5-114039	0493	-	Band 19 A-MPR refinement	9.5.0	9.6.0
2011-09	RAN#53	R5-114040	0494	-	Test system uncertainty and TT for 6.6.3.3 additional spurious emissions NS_07	9.5.0	9.6.0
2011-09	RAN#53	R5-114041	0495	-	Correction to Additional Maximum Power Reduction	9.5.0	9.6.0
2011-09	RAN#53	R5-114042	0496	-	Correction to 6.3.4.2.1 PRACH time mask	9.5.0	9.6.0
2011-09	RAN#53	R5-114043	0497	-	Correction to Receiver Characteristics Minimum Requirements	9.5.0	9.6.0
2011-09	RAN#53	R5-114044	0498	-	Addition of PDSCH FDD performance tests for Low UE categories	9.5.0	9.6.0
2011-09	RAN#53	R5-114045	0499	-	Additional Rel-9 TDD scenarios	9.5.0	9.6.0
2011-09	RAN#53	R5-114046	0500	-	Update of CQI/PMI test cases	9.5.0	9.6.0
2011-09	RAN#53	R5-114047	0501	-	Update of RI test cases	9.5.0	9.6.0
2011-09	RAN#53	R5-114048	0502	-	Release dependent RMCs in PCFICH/PDCCH and PHICH tests	9.5.0	9.6.0
2011-09	RAN#53	R5-114049	0503	-	Addition of tests scenarios in Annex	9.5.0	9.6.0
2011-09	RAN#53	R5-114073	0504	-	Introduction of Expanded 1900MHz Band (Band 25) into section 7 of 36.521-1	9.5.0	9.6.0
2011-09	RAN#53	R5-114091	0505	-	Correction to test cases 10.1 and 10.2	9.5.0	9.6.0
2011-12	RAN#54	R5-115112	0507	-	RF: Coverage of MPR and A-MPR requirements in emissions tests	9.6.0	9.7.0
2011-12	RAN#54	R5-115113	0508	-	RF: Update to names of some RMC-s used in different releases	9.6.0	9.7.0
2011-12	RAN#54	R5-115114	0509	-	RF TC 6.2.4, 6.6.2.2, 6.6.3.3: Corrections to A-MPR related tests	9.6.0	9.7.0
2011-12	RAN#54	R5-115115	0510	-	RF TC-s 9: Corrections to UL allocation for some CQI tests	9.6.0	9.7.0
2011-12	RAN#54	R5-115116	0511	-	RF TC 6.3.5.2: Missing extreme conditions in test requirements	9.6.0	9.7.0
2011-12	RAN#54	R5-115117	0512	-	RF TC 6.2.3: Missing test requirements for band 25	9.6.0	9.7.0
2011-12	RAN#54	R5-115118	0513	-	RF TC 6.5.2.1: Redundant conflicting IE-s in message contents	9.6.0	9.7.0
2011-12	RAN#54	R5-115119	0514	-	RF TC 6.6.3.1: Correction of reference to the connection diagram	9.6.0	9.7.0
2011-12	RAN#54	R5-115324	0517	-	LTE RF: CSI test case update	9.6.0	9.7.0
2011-12	RAN#54	R5-115472	0518	-	Corrections to the dual-layer beamforming demodulation requirements	9.6.0	9.7.0
2011-12	RAN#54	R5-115475	0519	-	Correction to Code Block Numbers	9.6.0	9.7.0
2011-12	RAN#54	R5-115800	0522	-	Delete note in PUSCH-EVM	9.6.0	9.7.0
2011-12	RAN#54	R5-115812	0526	-	RF: Corrections to tests with release dependent requirements	9.6.0	9.7.0
2011-12	RAN#54	R5-115815	0527	-	Test Frequency for Relative Power Tolerance	9.6.0	9.7.0
2011-12	RAN#54	R5-115821	0531	-	RF: General review of the reference measurement channels	9.6.0	9.7.0
2011-12	RAN#54	R5-115822	0532	-	Correction for codebook subset restriction in single-layer closed loop spatial multiplexing test	9.6.0	9.7.0
2011-12	RAN#54	R5-115830	0533	-	Uncertainties and Test Tolerances for 3000MHz to 4200MHz, Tx Test cases	9.6.0	9.7.0
2011-12	RAN#54	R5-115831	0534	-	Uncertainties and Test Tolerances for 3000MHz to 4200MHz, Rx Test cases	9.6.0	9.7.0
2011-12	RAN#54	R5-115832	0535	-	Support for band 22, 42 and 43	9.6.0	9.7.0
2011-12	RAN#54	R5-115837	0536	-	Update LTE RF test cases with test requirements for FDD LTE Band 23 in 36.521-1	9.6.0	9.7.0
2011-12	RAN#54	R5-115875	0537	-	Correction on FDD and TDD MBMS conformance requirements	9.6.0	9.7.0
2011-12	RAN#54	R5-115877	0538	-	Introduction of test system uncertainties and TT to new TCs in clauses 9.3.4 to 9.4.2.2.2	9.6.0	9.7.0
2011-12	RAN#54	R5-115879	0539	-	Uncertainties and Test Tolerances for Sustained data rate test cases	9.6.0	9.7.0
2011-12	RAN#54	R5-115891	0540	-	Requirement change in UE spurious emissions for Band 7 and 38 co-existence (Rel-8 only)	9.6.0	9.7.0
2011-12	RAN#54	R5-115162	0515	-	Definitions, symbols and abbreviations for CA RF	9.7.0	10.0.0
2011-12	RAN#54	R5-115565	0520	-	In-band blocking for CA (New)	9.7.0	10.0.0
2011-12	RAN#54	R5-115568	0521	-	Spurious Response for CA (New)	9.7.0	10.0.0
2011-12	RAN#54	R5-115801	0523	-	Out-of-Band blocking for CA (new)	9.7.0	10.0.0
3GPP-12	RAN#54	R5-115802	0524	-	Narrow band blocking for CA (new)	9.7.0	10.0.0
2011-12	RAN#54	R5-115803	0525	-	Addition of new RMCs for CA feature related Chapter8 test cases	9.7.0	10.0.0
2011-12	RAN#54	R5-115816	0528	-	General Section for CA RF	9.7.0	10.0.0
2011-12	RAN#54	R5-115817	0529	-	Frequency Band and Channel Assignments for CA RF	9.7.0	10.0.0

2011-12	RAN#54	R5-115818	0530	-	UE Maximum Output Power for intra-band contiguous CA (new)	9.7.0	10.0.0
2012-03	RAN#55	R5-120080	0587	-	Removal of technical content in 36.521-1 v9.7.0 and substitution with pointer to the next Release	10.0.0	10.1.0
2012-03	RAN#55	R5-120134	0541	-	RF: General clarification on the count of ACK / NACKs in throughput calculation in CQI tests	10.0.0	10.1.0
2012-03	RAN#55	R5-120137	0542	-	RF: Corrections to message contents in some MIMO demodulation performance tests	10.0.0	10.1.0
2012-03	RAN#55	R5-120138	0543	-	RF: Updates to handling requirements and tests for different releases	10.0.0	10.1.0
2012-03	RAN#55	R5-120140	0544	-	RF: Coverage of MPR and A-MPR requirements in Tx emissions tests	10.0.0	10.1.0
2012-03	RAN#55	R5-120243	0545	-	Tx Test cases Uplink power limit window for 3000MHz to 4200MHz	10.0.0	10.1.0
2012-03	RAN#55	R5-120244	0546	-	Rx Test cases Uplink power limit window for 3000MHz to 4200MHz	10.0.0	10.1.0
2012-03	RAN#55	R5-120252	0547	-	Global in-channel TX-test, delete note	10.0.0	10.1.0
2012-03	RAN#55	R5-120288	0548	-	LTE RF - Update of abbreviations and addition of RBstart	10.0.0	10.1.0
2012-03	RAN#55	R5-120314	0549	-	Clarification for the starting point of RB in 6.3.5.2 Relative Power test	10.0.0	10.1.0
2012-03	RAN#55	R5-120338	0550	-	Correction to MCS value in Table A.4-3	10.0.0	10.1.0
2012-03	RAN#55	R5-120343	0551	-	Introduction of new maximum input level test case for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120351	0552	-	CA RF - Changes in aggregated CC configurations	10.0.0	10.1.0
2012-03	RAN#55	R5-120355	0553	-	CA RF - updates to 7.7A Spurious response for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120370	0554	-	Test Tolerance for 6.6.3.3 additional spurious emissions NS_07	10.0.0	10.1.0
2012-03	RAN#55	R5-120426	0555	-	Correction to Frequency Range for Spurious Emission Requirements	10.0.0	10.1.0
2012-03	RAN#55	R5-120521	0556	-	Introduction to Maximum Power Reduction for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120524	0557	-	Introduction to Maximum Power Reduction for CA in Annex	10.0.0	10.1.0
2012-03	RAN#55	R5-120526	0558	-	Introduction to Adjacent Channel Leakage power Ratio (ACLR) for CA in Annex	10.0.0	10.1.0
2012-03	RAN#55	R5-120801	0559	-	Correction of TC 6.5.2.1 Error Vector Magnitude (EVM) for Test requirement	10.0.0	10.1.0
2012-03	RAN#55	R5-120802	0560	-	Correction of TC 8.2.1.3.1 FDD PDSCH Open Loop Spatial Multiplexing 2x2 for 8.2.1.3.1.4.1 Initial conditions	10.0.0	10.1.0
2012-03	RAN#55	R5-120803	0561	-	Correction of TC8.2.1.3.2 FDD PDSCH Open Loop Spatial Multiplexing 4x2 for 8.2.1.3.2.4.1 Initial conditions	10.0.0	10.1.0
2012-03	RAN#55	R5-120804	0562	-	Correction of TC 8.2.2.3.1 TDD PDSCH Open Loop Spatial Multiplexing 2x2 for 8.2.2.3.1.4.1 Initial conditions	10.0.0	10.1.0
2012-03	RAN#55	R5-120805	0563	-	Correction of TC 8.2.2.3.2 TDD PDSCH Open Loop Spatial Multiplexing 4x2 for 8.2.2.3.2.4.1 Initial conditions	10.0.0	10.1.0
2012-03	RAN#55	R5-120816	0564	-	Addition of frequency band and channel assignments for UL MIMO	10.0.0	10.1.0
2012-03	RAN#55	R5-120825	0565	-	Introduction of Chapter8 Single antenna port and Open loop spatial Multiplexing test cases for CA capable UE's.	10.0.0	10.1.0
2012-03	RAN#55	R5-120828	0566	-	LTE RF - UE Co-ex test point clarification for bands 7 and 38	10.0.0	10.1.0
2012-03	RAN#55	R5-120833	0567	-	Addition of receiver image section 7.10	10.0.0	10.1.0
2012-03	RAN#55	R5-120835	0568	-	Correction to Reporting of Rank Indicator (RI) FDD Test	10.0.0	10.1.0
2012-03	RAN#55	R5-120837	0569	-	Introduction to Adjacent Channel Leakage power Ratio (ACLR) for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120839	0570	-	Addition of a new TC 6.2.2B for UE Maximum Output Power for UL-MIMO	10.0.0	10.1.0
2012-03	RAN#55	R5-120842	0571	-	Harmonic exceptions in LTE UE to UE co-existence tests	10.0.0	10.1.0
2012-03	RAN#55	R5-120843	0572	-	Clarification for upper and lower interferers in 7.6.3 Narrow Band Blocking	10.0.0	10.1.0
2012-03	RAN#55	R5-120844	0573	-	RF: Correction of frequency range for out of band blocking test	10.0.0	10.1.0
2012-03	RAN#55	R5-120845	0574	-	Correction and completion to clause 10 MBMS performance	10.0.0	10.1.0
2012-03	RAN#55	R5-120874	0575	-	RF: New RMC-s and updates to the RMC-s overview tables	10.0.0	10.1.0
2012-03	RAN#55	R5-120875	0576	-	RF: Test frequencies for UE co-existence emissions under Note 13	10.0.0	10.1.0
2012-03	RAN#55	R5-120877	0577	-	UE Transmit OFF power for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120878	0578	-	Frequency error for Intraband CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120879	0579	-	Occupied bandwidth for intra-band contiguous CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120880	0580	-	Transmitter Spurious emissions for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120881	0581	-	Reference sensitivity level for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120882	0582	-	CA RF - Addition of test description to 6.2.2A MOP for intra-band CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120884	0583	-	CA RF - updates to 7.6.2A OOB blocking for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120885	0584	-	CA RF - updates to 7.6.3A Narrow-band blocking for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120899	0585	-	CA RF - updates to 7.6.1A In-band Blocking for CA	10.0.0	10.1.0
2012-03	RAN#55	R5-120900	0586	-	Correction to UE Spurious Emissions	10.0.0	10.1.0

2012-06	RAN#56	R5-121138	0588	-	Correction of TC 6.3.5.2 Power Control Relative power tolerance	10.1.0	10.2.0
2012-06	RAN#56	R5-121155	0589	-	Correction in test configuration table of sections 7.4 and 7.5	10.1.0	10.2.0
2012-06	RAN#56	R5-121206	0590	-	Correction of test procedure for intermodulation	10.1.0	10.2.0
2012-06	RAN#56	R5-121208	0591	-	Correction of test procedure for out-of-band blocking	10.1.0	10.2.0
2012-06	RAN#56	R5-121221	0592	-	Relative frequency error for CA performance tests	10.1.0	10.2.0
2012-06	RAN#56	R5-121241	0593	-	RF: Corrections to derivation of test requirements for some test points of TC 6.2.4	10.1.0	10.2.0
2012-06	RAN#56	R5-121242	0594	-	RF: Updates to Annex I (Handling of different releases)	10.1.0	10.2.0
2012-06	RAN#56	R5-121253	0595	-	RF: Clarification of test frequencies for UE co-existence emissions under Note 13	10.1.0	10.2.0
2012-06	RAN#56	R5-121254	0596	-	RF: Minor correction to RMC reference in minimum test time annex for TC 8.3.2.1.3	10.1.0	10.2.0
2012-06	RAN#56	R5-121305	0597	-	Removal of test description from Transmit off power for CA and introducing ON/OFF time mask for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121322	0598	-	Update of 6.3.4.2.2	10.1.0	10.2.0
2012-06	RAN#56	R5-121337	0599	-	Clarifications to Maximum Power Reduction for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121438	0600	-	Modification to Configured UE transmitted Output Power	10.1.0	10.2.0
2012-06	RAN#56	R5-121451	0601	-	Correction of the Band 23 for UE coexistence requirements	10.1.0	10.2.0
2012-06	RAN#56	R5-121459	0602	-	Correction of RF Test case: 8.7.2.1 TDD sustained data rate performance	10.1.0	10.2.0
2012-06	RAN#56	R5-121463	0603	-	Introduction of Adjacent Channel Selectivity (ACS) for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121475	0604	-	LTE CA general updates to sections 3 - 5	10.1.0	10.2.0
2012-06	RAN#56	R5-121479	0605	-	CA RF - TC 6.2.2A MOP updates	10.1.0	10.2.0
2012-06	RAN#56	R5-121482	0606	-	CA RF - 7.6.1A In-band blocking updates	10.1.0	10.2.0
2012-06	RAN#56	R5-121483	0607	-	CA RF - 7.6.2A Out-of-band blocking updates	10.1.0	10.2.0
2012-06	RAN#56	R5-121484	0608	-	CA RF - 7.6.3A Narrow-band blocking updates	10.1.0	10.2.0
2012-06	RAN#56	R5-121485	0609	-	CA RF - 7.7A Spurious response updates	10.1.0	10.2.0
2012-06	RAN#56	R5-121488	0610	-	LTE RF - TC 6.6.3.2 UE co-existence requirements correction	10.1.0	10.2.0
2012-06	RAN#56	R5-121523	0611	-	Correction to downlink RB allocation in 7.5.4	10.1.0	10.2.0
2012-06	RAN#56	R5-121525	0612	-	Correction to test requirement in 9.2.2.2	10.1.0	10.2.0
2012-06	RAN#56	R5-121678	0613	-	TS 36.521-1: Spurious emission band UE co-existence alignment	10.1.0	10.2.0
2012-06	RAN#56	R5-121680	0614	-	TS 36.521-1: Applicability correction for 9.3.2.1.1 and 9.3.2.1.2	10.1.0	10.2.0
2012-06	RAN#56	R5-121700	0615	-	Suffix definition of Clause 5 for CA, UL-MIMO, and DL-MIMO for 36.521-1 R-10	10.1.0	10.2.0
2012-06	RAN#56	R5-121903	0616	-	Update of Band 41 RF requirements to align with recent core specification changes	10.1.0	10.2.0
2012-06	RAN#56	R5-121906	0617	-	TS 36.521-1: Introduction of Band 26/XXVI in section 5	10.1.0	10.2.0
2012-06	RAN#56	R5-121907	0618	-	TS 36.521-1: Band 26 Test points for A-MPR test	10.1.0	10.2.0
2012-06	RAN#56	R5-121909	0619	-	CA RF - Adding contents to TC 6.2.4A A-MPR for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121918	0620	-	TS 36.521-1: Introduction of Band 26/XXVI in section 6	10.1.0	10.2.0
2012-06	RAN#56	R5-121920	0621	-	Corrections of test parameters and test procedure for ACS	10.1.0	10.2.0
2012-06	RAN#56	R5-121921	0622	-	TS 36.521-1: Introduction of Band 26/XXVI in section 7	10.1.0	10.2.0
2012-06	RAN#56	R5-121925	0623	-	CA RF - addition of test case 8.7.2.1A TDD sustained data rate performance for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121937	0624	-	A-MPR: Band 20, NS_10 not tested	10.1.0	10.2.0
2012-06	RAN#56	R5-121938	0625	-	RF: Several corrections to sustained data rate TC-s 8.7.1 and 8.7.2	10.1.0	10.2.0
2012-06	RAN#56	R5-121939	0626	-	RF: Corrections to CSI tests	10.1.0	10.2.0
2012-06	RAN#56	R5-121944	0627	-	Addition of a new TC 6.3.3B	10.1.0	10.2.0
2012-06	RAN#56	R5-121945	0628	-	Addition of a new TC 6.3.2B for Minimum Output Power for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121946	0629	-	Addition of a new TC 6.3.4B	10.1.0	10.2.0
2012-06	RAN#56	R5-121947	0630	-	Addition of a new TC 6.5.1B for Frequency Error for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121948	0631	-	Addition of a new TC 6.6.1B	10.1.0	10.2.0
2012-06	RAN#56	R5-121949	0632	-	Addition of a new TC 6.7B	10.1.0	10.2.0
2012-06	RAN#56	R5-121950	0633	-	Addition of a new TC for Configured transmitted power for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121951	0634	-	Addition of a new TC for Power Control Absolute Power Tolerance for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121955	0635	-	SEM for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121956	0636	-	Addition of a new TC for Carrier leakage for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121957	0637	-	Addition of a new TC for In-band emissions for non allocated RB for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121958	0638	-	Addition of a new TC for EVM equalizer spectrum flatness for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121959	0639	-	Addition of a new TC for Reference sensitivity level for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121960	0640	-	Addition of a new TC for Maximum input level for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121961	0641	-	Addition of a new TC for Adjacent Channel Selectivity (ACS) for UL-MIMO	10.1.0	10.2.0

2012-06	RAN#56	R5-121962	0642	-	Addition of a new TC for In-band blocking for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121963	0643	-	Addition of a new TC for Narrow band blocking for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121964	0644	-	Addition of a new TC for Wide band Intermodulation for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-121983	0645	-	Introduction of Chapter8 Single antenna port and Open loop spatial Multiplexing TDD test cases for CA capable UEs	10.1.0	10.2.0
2012-06	RAN#56	R5-121984	0646	-	EVM and Global In-Channel TX-Test for intra band CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121985	0647	-	RF: Corrections to applicability of some CA tests	10.1.0	10.2.0
2012-06	RAN#56	R5-121986	0648	-	Addition of test description to Occupied bandwidth for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121987	0649	-	Addition of test description to ACLR for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121988	0650	-	Addition of test description to Transmitter Spurious emissions for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121989	0651	-	Addition of test description to Reference sensitivity level for CA	10.1.0	10.2.0
2012-06	RAN#56	R5-121994	0652	-	Addition of Codebook Subset Restriction in 8.3.2.x	10.1.0	10.2.0
2012-06	RAN#56	R5-121995	0653	-	Update of 6.3.5.2	10.1.0	10.2.0
2012-06	RAN#56	R5-121996	0654	-	TS 36.521-1: 9.4.1.2.1 and 9.4.1.2.2.1 test procedure correction	10.1.0	10.2.0
2012-06	RAN#56	R5-121997	0655	-	TS 36.521-1: Minimum conformance requirements alignments for section 9	10.1.0	10.2.0
2012-06	RAN#56	R5-122003	0656	-	Addition of a new TC for Out-of-band blocking for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-122004	0657	-	Addition of a new TC for Spurious response for UL-MIMO	10.1.0	10.2.0
2012-06	RAN#56	R5-122006	0658	-	Addition of a new TC for Error Vector Magnitude for UL-MIMO	10.1.0	10.2.0
2012-09	RAN#57	R5-123136	0659	-	Correction of TC 6.3.5.2	10.2.0	10.3.0
2012-09	RAN#57	R5-123146	0660	-	Corrections to Transmitter Characteristics Requirements	10.2.0	10.3.0
2012-09	RAN#57	R5-123148	0661	-	Correction to SNR definition	10.2.0	10.3.0
2012-09	RAN#57	R5-123150	0662	-	RF: Several editorial corrections	10.2.0	10.3.0
2012-09	RAN#57	R5-123161	0663	-	RF: PDCCH Padding in Rx spurious emissions test	10.2.0	10.3.0
2012-09	RAN#57	R5-123179	0664	-	Introduction of eDL-MIMO to Propagation Conditions	10.2.0	10.3.0
2012-09	RAN#57	R5-123209	0665	-	RF: Alignment of RMC references in test procedure of CSI tests	10.2.0	10.3.0
2012-09	RAN#57	R5-123234	0666	-	LTE RF - Correction to 7.4 and 7.5 UL allocations	10.2.0	10.3.0
2012-09	RAN#57	R5-123239	0667	-	Addition of test description to CA Maximum input level test case	10.2.0	10.3.0
2012-09	RAN#57	R5-123267	0668	-	Correction to Occupied bandwidth for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123268	0669	-	Correction to Reference sensitivity level for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123324	0670	-	New Annex for: Statistical testing of receiver performance with throughput for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123330	0671	-	Correction to test parameters in 6.6.3.2	10.2.0	10.3.0
2012-09	RAN#57	R5-123332	0672	-	Update of section 8 uncertainties and Test Tolerances for Rel-9 Tests	10.2.0	10.3.0
2012-09	RAN#57	R5-123333	0673	-	Clarification of RB allocation for DRS demodulation tests	10.2.0	10.3.0
2012-09	RAN#57	R5-123334	0674	-	Correction to uplink reference measurement channel	10.2.0	10.3.0
2012-09	RAN#57	R5-123386	0675	-	Addition of a new TC for power control relative power tolerance for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123387	0676	-	Addition of a new TC for aggregate power control tolerance for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123392	0677	-	Update carrier frequency and EARFCN	10.2.0	10.3.0
2012-09	RAN#57	R5-123394	0678	-	Update test case of UE maximum output power for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123395	0679	-	Update test case of configured UE transmitted output power for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123397	0680	-	Update test case of power control absolute power tolerance for UL- MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123507	0681	-	Editorial corrections to blocking characteristics for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123510	0682	-	ACLR for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123521	0683	-	TS 36.521-1: A-MPR and additional spurious corrections	10.2.0	10.3.0
2012-09	RAN#57	R5-123522	0684	-	TS 36.521-1: UL allocation clarification in PUSCH-EVM with exclusion period test	10.2.0	10.3.0
2012-09	RAN#57	R5-123523	0685	-	TS 36.521-1: Section 9 applicability revision (UE categories)	10.2.0	10.3.0
2012-09	RAN#57	R5-123534	0687	-	TS 36.521-1:A-MPR Test tolerances update for NS_12, NS_13, NS_14, NS_15	10.2.0	10.3.0
2012-09	RAN#57	R5-123547	0688	-	Correction to the content of reference table number for TC 7.8.1	10.2.0	10.3.0
2012-09	RAN#57	R5-123783	0689	-	Corrections to EVM and global in channel test for Intra-Band CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123850	0690	-	Correction to ONOFF time mask for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123851	0691	-	Correction to Transmitter Spurious emissions for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123852	0692	-	New Annex for: Statistical testing of receiver characteristics with CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123853	0693	-	Introduction of eDL-MIMO to measurement of performance requirements	10.2.0	10.3.0
2012-09	RAN#57	R5-123854	0694	-	Addition of a new TC for additional maximum power reduction (A-MPR) for UL-MIMO	10.2.0	10.3.0

2012-09	RAN#57	R5-123855	0695	-	Additional texts for Note2 in Spurious emission test	10.2.0	10.3.0
2012-09	RAN#57	R5-123857	0696	-	Additions to test requirements for Maximum Power Reduction for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123859	0697	-	Addition of a new TC for time alignment between transmitter branches for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123900	0698	-	Changes associated with PHS band operation change for LTE	10.2.0	10.3.0
2012-09	RAN#57	R5-123901	0699	-	TS 36.521-1: PDSCH RMC for Rel-9 PCFICH test cases	10.2.0	10.3.0
2012-09	RAN#57	R5-123902	0700	-	TS 36.521-1:Adding missing UL RMCs for test 9.4.1.2.2	10.2.0	10.3.0
2012-09	RAN#57	R5-123910	0701	-	MPR for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123911	0702	-	SEM for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123912	0703	-	ADDITIONAL SEM for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123915	0704	-	RF: Update of Annex I	10.2.0	10.3.0
2012-09	RAN#57	R5-123917	0705	-	Correction of test procedure for 36.521-1 chapter 8 CA test cases	10.2.0	10.3.0
2012-09	RAN#57	R5-123919	0706	-	TS 36.521-1: New test cases for CQI reporting under fading conditions - PUCCH 1-0	10.2.0	10.3.0
2012-09	RAN#57	R5-123932	0707	-	RF: Updates to transmission mode 8 test cases	10.2.0	10.3.0
2012-09	RAN#57	R5-123933	0708	-	RF: Several corrections to MBMS performance tests	10.2.0	10.3.0
2012-09	RAN#57	R5-123934	0709	-	Addition of RF Test case: 8.7.2.1_1 TDD sustained data rate performance (Rel-10 and forward)	10.2.0	10.3.0
2012-09	RAN#57	R5-123943	0710	-	Introduction of FDD PMI Reporting - PUSCH 1-2 (Multiple PMI) for eDL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123944	0711	-	Introduction of TDD PMI Reporting - PUSCH 1-2 (Multiple PMI) for eDL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123945	0712	-	FDD RI Reporting for eDL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123946	0713	-	TDD RI Reporting for eDL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123947	0714	-	Introduction of eDL-MIMO to CSI Reference Measurement Channels	10.2.0	10.3.0
2012-09	RAN#57	R5-123948	0715	-	Introduction of eDL-MIMO to structure of subclauses	10.2.0	10.3.0
2012-09	RAN#57	R5-123950	0716	-	RF-CA: Introduction of new specification structure for Tx tests for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123951	0717	-	CA RF - TC 6.2.2A update	10.2.0	10.3.0
2012-09	RAN#57	R5-123952	0718	-	CA RF - Updates to Blocking Test Cases	10.2.0	10.3.0
2012-09	RAN#57	R5-123953	0719	-	CA RF - TC 7.7A Spurious Response update	10.2.0	10.3.0
2012-09	RAN#57	R5-123954	0720	-	New RF TC for 36.521-1 _ 6.3.5A.1 Power Control Absolute power tolerance for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123955	0721	-	New RF TC for 36.521-1 _ 6.3.5A.2 Power Control Relative power tolerance for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123956	0722	-	Correction to Transmit OFF power for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123957	0723	-	Adjusting test procedure and test requirements to new Annex G.3A	10.2.0	10.3.0
2012-09	RAN#57	R5-123958	0724	-	Update of Test case 8.7.2.1A TDD sustained data rate performance for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123961	0725	-	Corrections to A-MPR for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123962	0726	-	Additions to test description for Adjacent Channel Selectivity (ACS) for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123963	0727	-	Introduction to UE configured transmitted output power for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123964	0728	-	Introduction of ACS and UE configured Tx output power for CA in Annex	10.2.0	10.3.0
2012-09	RAN#57	R5-123969	0729	-	Introduction Single-Layer Spatial Multiplexing for eDL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123970	0730	-	updates to 6.6.2.1A SEM for CA	10.2.0	10.3.0
2012-09	RAN#57	R5-123977	0731	-	Addition of a new TC6.6.3B.1 for Transmitter Spurious emissions for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123978	0732	-	Addition of a new TC6.6.3B.2 for Spurious emission band UE co-existence for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123979	0733	-	Addition of a new TC6.6.3B.3 for Additional spurious emissions for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123980	0734	-	Addition of a new TC for narrow band blocking for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123981	0735	-	Update test case of general ON OFF time mask for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123982	0736	-	Update test case of frequency error for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123983	0737	-	Update test case of Error Vector Magnitude (EVM) for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123984	0738	-	Update test case of carrier leakage for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123985	0739	-	Update test case of in-band emissions for non allocated RB for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123986	0740	-	Update test case of EVM equalizer spectrum flatness for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123987	0741	-	Update test case of reference sensitivity level for UL-MIMO	10.2.0	10.3.0
3012-09	RAN#57	R5-123988	0742	-	Update test case of maximum input level for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123989	0743	-	Update test case of in-band blocking for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123990	0744	-	Update test case of out-of-band blocking for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123991	0745	-	Update test case of spurious response for UL-MIMO	10.2.0	10.3.0
2012-09	RAN#57	R5-123992	0746	-	Update test case of wide band Intermodulation for UL-MIMO	10.2.0	10.3.0

2012-09	RAN#57	R5-123994	0747	-	Update test case of Adjacent Channel Selectivity (ACS) for UL-MIMO	10.2.0	10.3.0
2012-12	RAN#58	R5-125109	0749	-	Update of TC6.6.3B.2 for Spurious emissions band UE co-existence for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125110	0750	-	Update of TC6.6.3B.3 for Additional spurious emissions for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125146	0751	-	Corrections to Test Procedure of TC 6.6.2.3 ACLR	10.3.0	10.4.0
2012-12	RAN#58	R5-125147	0752	-	Updates for TC 6.2.3B MPR for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125148	0753	-	Updates for TC 6.6.2.1B SEM for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125149	0754	-	Updates for TC 6.6.2.2B A-SEM for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125150	0755	-	Updates for TC 6.6.2.3B ACLR for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125215	0756	-	Correction of TC 6.6.2.1	10.3.0	10.4.0
2012-12	RAN#58	R5-125252	0757	-	Adding normative reference for core requirements in TC 6.2.4	10.3.0	10.4.0
2012-12	RAN#58	R5-125253	0758	-	Adding normative reference for core requirements for many section 9 tests	10.3.0	10.4.0
2012-12	RAN#58	R5-125254	0759	-	Correction of table references in sub clause G.X	10.3.0	10.4.0
2012-12	RAN#58	R5-125260	0760	-	CR to TC 7.4A: Splitting the CA Maximum input level test case	10.3.0	10.4.0
2012-12	RAN#58	R5-125263	0761	-	RF CI G.3A: General corrections and completion of Annex G.3A with TDD tests	10.3.0	10.4.0
2012-12	RAN#58	R5-125304	0762	-	Updates for Minimum requirements of 6.2.5 Configured UE transmitted Output Power	10.3.0	10.4.0
2012-12	RAN#58	R5-125309	0763	-	Addition of Band 28 definition to Chap.5	10.3.0	10.4.0
2012-12	RAN#58	R5-125311	0764	-	Addition of Band 28 to 6.2.2 MOP	10.3.0	10.4.0
2012-12	RAN#58	R5-125314	0765	-	Addition of Band 28 to 7.3 Refsens	10.3.0	10.4.0
2012-12	RAN#58	R5-125321	0766	-	Updates for TC6.6.1A: Occupied bandwidth for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125322	0767	-	Updates for TC6.6.2.3A: ACLR for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125323	0768	-	Updates for TC6.6.3.1A: Transmitter Spurious emissions for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125346	0769	-	TC 6.2.4A.1 A-MPR for CA updates	10.3.0	10.4.0
2012-12	RAN#58	R5-125351	0770	-	Correction to LTE Rx TCs UL allocation location	10.3.0	10.4.0
2012-12	RAN#58	R5-125365	0771	-	Uncertainties and Test Tolerances for Rel-9 CQI Reporting under fading conditions, PUCCH 1-0 Tests	10.3.0	10.4.0
2012-12	RAN#58	R5-125374	0772	-	Clean up of Tx tests	10.3.0	10.4.0
2012-12	RAN#58	R5-125405	0773	-	Addition of 15MHz and 20MHz Bandwidths for Band 23	10.3.0	10.4.0
2012-12	RAN#58	R5-125407	0774	-	RF TC 6.6.3.2: Clarification and corrections	10.3.0	10.4.0
2012-12	RAN#58	R5-125417	0775	-	Additions to test description for TC 7.5A.1 Adjacent Channel Selectivity (ACS) for CA (intra-band contiguous DL CA and UL CA)	10.3.0	10.4.0
2012-12	RAN#58	R5-125422	0776	-	Introduction to CA_1 & CA_40 TC 7.5A.2 Adjacent Channel Selectivity (ACS) for CA (intra-band contiguous DL CA without UL CA)	10.3.0	10.4.0
2012-12	RAN#58	R5-125443	0777	-	Corrections of RMC for receiver characteristics	10.3.0	10.4.0
2012-12	RAN#58	R5-125445	0778	-	Corrections of FRC subframe allocations for performance requirements	10.3.0	10.4.0

2012-12	RAN#58	R5-125450	0779	-	Introduction of TC 9.2.2.1_D FDD CQI Reporting under AWGN conditions - PUCCH 1-1 for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125451	0780	-	Introduction of TC 9.2.2.2_D TDD CQI Reporting under AWGN conditions - PUCCH 1-1 for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125452	0781	-	Introduction of TC 9.3.2.2.1_D FDD CQI Reporting under fading conditions - PUCCH 1-1 for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125453	0782	-	Introduction of TC 9.3.2.2.2_D TDD CQI Reporting under fading conditions - PUCCH 1-1 for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125454	0783	-	Additions of eDL-MIMO to Annex A	10.3.0	10.4.0
2012-12	RAN#58	R5-125455	0784	-	Additions of eDL-MIMO to Annex B Propagation Conditions for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125456	0785	-	Additions of eDL-MIMO to Annex F	10.3.0	10.4.0
2012-12	RAN#58	R5-125463	0786	-	Additions to TC 9.4.2.1.1_D FDD PMI Reporting - PUSCH 1-2 (Multiple PMI) for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125464	0787	-	Additions to TC 9.4.2.1.2_D TDD PMI Reporting - PUSCH 1-2 (Multiple PMI) for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125465	0788	-	Additions to TC 9.5.1.1_D FDD RI Reporting for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125466	0789	-	Additions to TC 9.5.1.2_D TDD RI Reporting for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125593	0790	-	RF TC 6.2.4: Minor correction to test points for NS_15	10.3.0	10.4.0
2012-12	RAN#58	R5-125594	0791	-	RF TC 6.2.4B: Minor correction to test points for NS_15	10.3.0	10.4.0
2012-12	RAN#58	R5-125610	0792	-	TS 36-521-1: MPR correction for band 26	10.3.0	10.4.0
2012-12	RAN#58	R5-125801	0793	-	Updates of 6.3.3A UE Transmit OFF power for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125802	0794	-	Update of Annex F in 36.521-1	10.3.0	10.4.0
2012-12	RAN#58	R5-125803	0795	-	Updates for 6.3.4A ON/OFF time mask for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125804	0796	-	Addition of Transmitter test case - Transmit intermodulation for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125835	0797	-	Update of TC6.6.3B.1 for Transmitter Spurious emissions for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125851	0798	-	Introduction of TC 8.3.1.2.1_D FDD PDSCH Dual-layer Spatial Multiplexing for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125852	0799	-	Introduction of TC 8.3.2.2.1_D TDD PDSCH Dual-layer Spatial Multiplexing for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125853	0800	-	Additions to Annex G for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125854	0801	-	Corrections to Annex H for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125855	0802	-	Additions to TC 8.3.2.1.2_D TDD Single-Layer Spatial Multiplexing on antenna ports without a simultaneous transmission for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125856	0803	-	Additions to TC 8.3.2.1.3_D TDD Single-Layer Spatial Multiplexing on antenna ports with a simultaneous transmission for eDL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125857	0804	-	Introduction of Band 27 to TS 36.521-1	10.3.0	10.4.0
2012-12	RAN#58	R5-125858	0805	-	Updates to TC 8.2.2.3.1_A.1 for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125859	0806	-	Addition of new test case 8.2.1.4.2_A.1 for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125860	0807	-	Addition of new test case 8.2.2.4.2_A.1 for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125861	0808	-	Addition of sustained downlink data rate TC 8.7.1.1_A.1 for CA	10.3.0	10.4.0

2012-12	RAN#58	R5-125862	0809	-	Addition of sustained downlink data rate TC 8.7.1.1_A.2 for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125866	0810	-	Update of RF TC for 36.521-1 _ 6.3.5A.2.1 Power Control Relative power tolerance for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125867	0811	-	Update TC 6.6.3.2_1 Spurious emission band UE co-existence(Release 9 and forward)	10.3.0	10.4.0
2012-12	RAN#58	R5-125868	0812	-	Correction to test applicability in 6.2.4 A-MPR test case	10.3.0	10.4.0
2012-12	RAN#58	R5-125869	0813	-	Correction to test parameter in Perf 8.2.1 of 36.521-1	10.3.0	10.4.0
2012-12	RAN#58	R5-125870	0814	-	Clarification of AG level for 8.7 sustained data rate test of 36.521-1	10.3.0	10.4.0
2012-12	RAN#58	R5-125871	0815	-	Correction to SNR test points in test procedure	10.3.0	10.4.0
2012-12	RAN#58	R5-125872	0816	-	Clarification of random precoding granularity	10.3.0	10.4.0
2012-12	RAN#58	R5-125873	0817	-	Update of General sections for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125874	0818	-	Introduction to CA_1-5 TC 7.5A.3 Adjacent Channel Selectivity (ACS) for CA (inter-band DL CA without UL CA)	10.3.0	10.4.0
2012-12	RAN#58	R5-125875	0819	-	Addition of a new TC 6.3.5A.3.1 Aggregate power control tolerance for CA(intra-band contiguous DL CA and UL CA)	10.3.0	10.4.0
2012-12	RAN#58	R5-125876	0820	-	Addition of a new TC 6.6.3.2A.1 Spurious emission band UE co-existence for CA(intra-band contiguous DL CA and UL CA)	10.3.0	10.4.0
2012-12	RAN#58	R5-125890	0821	-	Addition of Band 28 to 6.6.3.2 Spurious emission band UE co-existence	10.3.0	10.4.0
2012-12	RAN#58	R5-125891	0822	-	Addition of Band 28 to 6.6.3.3 Additional spurious emissions	10.3.0	10.4.0
2012-12	RAN#58	R5-125892	0823	-	UE output power definition for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125893	0824	-	Update TC 6.2.4B Additional maximum power reduction (A-MPR) for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125894	0825	-	Update TC 6.5.2B.1 Error vector magnitude (EVM) for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125895	0826	-	Update TC 6.2.5B Configured transmitted output power for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125896	0827	-	Update TC 7.3B Reference sensitivity level for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125897	0828	-	Update TC 7.4B Maximum input level for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125898	0829	-	Update TC 7.5B Adjacent Channel Selectivity (ACS) for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125899	0830	-	Update TC 7.6.1B In-band blocking for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125900	0831	-	Update TC 7.6.2B Out-of-band blocking for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125901	0832	-	Update TC 7.6.3B Narrow band blocking for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125902	0833	-	Update TC 7.7B Spurious response for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125903	0834	-	Update TC 7.8.1B Wide band intermodulation for UL-MIMO	10.3.0	10.4.0
2012-12	RAN#58	R5-125906	0835	-	New RF TC for 36.521-1_8.2.1.2.3_Enhanced ICIC for LTE	10.3.0	10.4.0
2012-12	RAN#58	R5-125907	0836	-	New RF TC for 36.521-1_8.4.1.2.3_Enhanced ICIC for LTE	10.3.0	10.4.0
2012-12	RAN#58	R5-125908	0837	-	TDD CQI Reporting under AWGN conditions-PUCCH 1-0-Demod subframe overlaps with aggressor cell ABS (eICIC)	10.3.0	10.4.0
2012-12	RAN#58	R5-125909	0838	-	TDD PHICH Transmit Diversity 2x2-Demod subframe overlaps with aggressor cell ABS (eICIC)	10.3.0	10.4.0

2012-12	RAN#58	R5-125910	0839	-	TDD PDSCH Open Loop Spatial Multiplexing 2x2 Demod subframe overlaps with aggressor cell ABS (eICIC)	10.3.0	10.4.0
2012-12	RAN#58	R5-125924	0841	-	CR to 8.2.1.1.1_A: Correction to an average throughput measurement	10.3.0	10.4.0
2012-12	RAN#58	R5-125925	0842	-	CR to 8.2.1.3.1_A: Correction to an average throughput measurement	10.3.0	10.4.0
2012-12	RAN#58	R5-125931	0844	-	Additions to test description TC 6.2.5A.1 and 6.2.5A.2 including CA_1A-19A and CA_1A-21A updates	10.3.0	10.4.0
2012-12	RAN#58	R5-125932	0845	-	Updates for TC7.3A: Reference sensitivity level for CA including CA_41C, CA_1-19 and CA_1-21	10.3.0	10.4.0
2012-12	RAN#58	R5-125934	0846	-	Update of RF TC for 36.521-1 _ 6.3.5A.1.1 Power Control Absolute power tolerance for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-125935	0847	-	Updates for TC6.5.1A: Frequency error for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-126043	0849	-	Updates for 5.2A operating bands for CA_7, CA_38, CA_41, CA_1-18, CA_1-19, CA_1-21, CA_2-17, CA_3-5, CA_3-7, CA_3-8, CA_3-20, CA_4-12, CA_4-13, CA_4-17, CA_4-20	10.3.0	10.4.0
2012-12	RAN#58	R5-126044	0850	-	Updates for 5.4.2A channel bandwidth for CA_7, CA_38, CA_41, CA_1-18, CA_1-19, CA_1-21, CA_2-17, CA_3-5, CA_3-7, CA_3-8, CA_3-20, CA_4-12, CA_4-13, CA_4-17, CA_4-20	10.3.0	10.4.0
2012-12	RAN#58	R5-126063	0840	-	Update of Perf 8.7.1.1 and 8.7.2.1 of 36.521-1	10.3.0	10.4.0
2012-12	RAN#58	R5-126065	0843	-	Clarification of RB position in 9.4.1 and 9.4.2	10.3.0	10.4.0
2012-12	RAN#58	R5-126066	0848	-	Update of minimum test time in Annex G.3.5	10.3.0	10.4.0
2012-12	RAN#58	R5-124010	0851	-	RF CI 8.1.1: Update of the CA capability table	10.3.0	10.4.0
2012-12	RAN#58	R5-124013	0852	-	RF CI 8.7.2.1A: Update of test structure according to the work plan	10.3.0	10.4.0
2012-12	RAN#58	R5-124082	0853	-	Correction to TC 7.5.1 Adjacent Channel Selectivity (ACS)	10.3.0	10.4.0
2012-12	RAN#58	R5-124116	0854	-	Addition to test description for SEM for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-124123	0855	-	Addition to minimum requirement for TC 6.5.2A.3.1 in-band emissions for non allocated RB for CA	10.3.0	10.4.0
2012-12	RAN#58	R5-124125	0856	-	TC 6.2.2A.1 UE MOP for CA updates	10.3.0	10.4.0
2012-12	RAN#58	R5-124126	0857	-	CR to Annex G.3A.5: Minimum number of samples for CA performance tests	10.3.0	10.4.0
2012-12	RAN#58	R5-124131	0858	-	Additions to test case for TC 6.2.3A.1 Maximum Power Reduction (MPR) for CA (intra-band contiguous DL CA and UL CA)	10.3.0	10.4.0
2012-12	RAN#58	R5-124133	0859	-	Introduction to TC 6.6.3.3A.1 Additional spurious emissions for CA (intra-band contiguous DL CA and UL CA)	10.3.0	10.4.0
2012-12	RAN#58	R5-124139	0860	-	TC 6.3.2A.1 Minimum Output Power for CA introduction	10.3.0	10.4.0
2012-12	RAN#58	R5-124149	0861	-	RF TC 8.2.2.1.1_A: Adjusting test procedure and requirements to completed Annex G.3A	10.3.0	10.4.0
2012-12	RAN#58	R5-124160	0862	-	TC 7.6.1A.x In-band blocking for CA introduction	10.3.0	10.4.0
2012-12	RAN#58	R5-124163	0863	-	TC 7.6.2A.x Out-of-band blocking for CA introduction	10.3.0	10.4.0
2012-12	RAN#58	R5-124164	0864	-	TC 7.6.3A.x Narrow-band blocking for CA introduction	10.3.0	10.4.0
2012-12	RAN#58	R5-124165	0865	-	TC 7.7A.x Spurious response for CA introduction	10.3.0	10.4.0
2012-12	RAN#58	R5-124166	0866	-	Addition of Receiver test case - Wideband intermodulation for CA	10.3.0	10.4.0

2012-12	RAN#58	R5-124186	0867	-	RF: Addition of references to connection diagrams in CA tests	10.3.0	10.4.0
2013-03	RAN#59	R5-130092	0851	-	Updates of 6.6.3.3 - Addition of Low-channel Band 1 coexistence with PHS condition	10.4.0	10.5.0
2013-03	RAN#59	R5-130105	0854	-	Update of TC6.6.3B.2 for Spurious emissions band UE co-existence for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130125	0856	-	Update of TC6.6.3B.3 for Additional spurious emissions for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130128	0857	-	Update TC 6.2.4B Additional Maximum Power Reduction (A-MPR) for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130129	0858	-	Update TC 6.3.5B.1 Power control absolute power tolerance for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130130	0859	-	Update TC 6.3.5B.2 Power Control Relative power tolerance for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130131	0860	-	Update TC 6.3.5B.3 Aggregate power control tolerance for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130132	0861	-	Update TC 6.5.2B.2 Carrier leakage for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130133	0862	-	Update TC 6.3.2B Minimum Output Power for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130134	0863	-	Update TC 6.6.1B Occupied bandwidth for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130135	0864	-	Update TC 6.7B Transmit intermodulation for UL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130176	0869	-	Introduction of new rel-10 Reporting of RI test cases into annexes	10.4.0	10.5.0
2013-03	RAN#59	R5-130182	0870	-	CA RF: Correction to Annex I	10.4.0	10.5.0
2013-03	RAN#59	R5-130183	0871	-	UL-MIMO RF: Correction to Annex I	10.4.0	10.5.0
2013-03	RAN#59	R5-130184	0872	-	eICIC RF: Correction to Annex I	10.4.0	10.5.0
2013-03	RAN#59	R5-130185	0873	-	eDL-MIMO RF: Correction to Annex I	10.4.0	10.5.0
2013-03	RAN#59	R5-130188	0874	-	RF: Correction to TC 8.2.1.1.1 - Frequency range for partial allocation	10.4.0	10.5.0
2013-03	RAN#59	R5-130245	0877	-	Additions to TC 6.6.2.3A.1 Adjacent Channel Leakage power Ratio for CA (intra-band contiguous DL CA and UL CA)	10.4.0	10.5.0
2013-03	RAN#59	R5-130273	0880	-	Corrections to Annex A DL Reference Measurement and PMI Accuracy Measurements	10.4.0	10.5.0
2013-03	RAN#59	R5-130285	0881	-	Correction to TC 8.3.2.1.3 TDD PDSCH Single-layer Spatial Multiplexing on antenna port 7 or 8 with a simultaneous transmission	10.4.0	10.5.0
2013-03	RAN#59	R5-130288	0882	-	Addition to TC 9.2.2.2_D TDD CQI Reporting under AWGN conditions - PUCCH 1-1 for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130291	0883	-	Addition to TC 9.3.2.2.2_D TDD CQI Reporting under fading conditions " PUCCH 1-1 for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130292	0884	-	Additions to TC 9.4.2.1.1_D FDD PMI Reporting - PUSCH 1-2 (Multiple PMI) for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130293	0885	-	Additions to TC 9.4.2.1.2_D TDD PMI Reporting - PUSCH 1-2 (Multiple PMI) for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130298	0886	-	CA RF: Correction to TC 7.6.1A	10.4.0	10.5.0
2013-03	RAN#59	R5-130299	0887	-	Uncertainties and Test Tolerances for Test case 7.4A	10.4.0	10.5.0
2013-03	RAN#59	R5-130308	0888	-	Corrections to test procedure of TC 6.2.2 UE Maximum Output Power	10.4.0	10.5.0

2013-03	RAN#59	R5-130309	0889	-	Corrections to test purpose of TC 6.2.3 Maximum Power Reduction (MPR)	10.4.0	10.5.0
2013-03	RAN#59	R5-130310	0890	-	Correction to test procedure of TC 6.7A.1 Transmit Intermodulation for CA	10.4.0	10.5.0
2013-03	RAN#59	R5-130407	0894	-	Correction to test requirement of 6.2.4A	10.4.0	10.5.0
2013-03	RAN#59	R5-130408	0895	-	Correction to test procedure in 6.3.5A.1	10.4.0	10.5.0
2013-03	RAN#59	R5-130411	0896	-	Correction to test procedure in 6.6.2.3A	10.4.0	10.5.0
2013-03	RAN#59	R5-130413	0897	-	Correction to 7.6.3A.3 test procedure	10.4.0	10.5.0
2013-03	RAN#59	R5-130415	0898	-	Correction to 6.6.3.2A and 6.6.3.3A	10.4.0	10.5.0
2013-03	RAN#59	R5-130416	0899	-	Correction to 6.6.3B.2 and 6.6.3B.3	10.4.0	10.5.0
2013-03	RAN#59	R5-130419	0900	-	Correction to 9.3.4 UE-selected subband CQI	10.4.0	10.5.0
2013-03	RAN#59	R5-130421	0901	-	Correction to wideband CQI-samples	10.4.0	10.5.0
2013-03	RAN#59	R5-130427	0902	-	Update of minimum test time in Annex G.5.4	10.4.0	10.5.0
2013-03	RAN#59	R5-130471	0905	-	Update of spurious emission test cases for introduction of Japanese Regulatory Requirements for LTE Band 8	10.4.0	10.5.0
2013-03	RAN#59	R5-130779	0875	1	CA RF: Clarification on Cell ID	10.4.0	10.5.0
2013-03	RAN#59	R5-130780	0903	1	Correction to 941 and 942	10.4.0	10.5.0
2013-03	RAN#59	R5-130801	0908	-	Additions of CA RF test cases to Annex F	10.4.0	10.5.0
2013-03	RAN#59	R5-130804	0909	-	Correction to 6.6.3.2 and 6.6.3.3	10.4.0	10.5.0
2013-03	RAN#59	R5-130806	0911	-	Update TC 6.6.3.2 Spurious emission band UE co-existence	10.4.0	10.5.0
2013-03	RAN#59	R5-130808	0912	-	CA RF - SCC configuration references	10.4.0	10.5.0
2013-03	RAN#59	R5-130809	0913	-	CA RF Rx - Update of blocking characteristics	10.4.0	10.5.0
2013-03	RAN#59	R5-130811	0915	-	LTE RF - Correction to LTE Rx TCs UL allocation location	10.4.0	10.5.0
2013-03	RAN#59	R5-130901	0916	-	Update of TC 8.7.2.1_A.1 TDD sustained data rate performance for CA (intra-band contiguous DL CA)	10.4.0	10.5.0
2013-03	RAN#59	R5-130902	0917	-	Editorial correction for ON/OFF time mask for CA	10.4.0	10.5.0
2013-03	RAN#59	R5-130903	0918	-	Correction to Band 12 frequency for CA_4-12	10.4.0	10.5.0
2013-03	RAN#59	R5-130908	0920	-	Additions of eDL-MIMO to Annex A.4 CQI Reference Measurement Channels	10.4.0	10.5.0
2013-03	RAN#59	R5-130909	0921	-	Introduction of TC 8.3.1.1.1_D FDD Single-Layer Spatial Multiplexing on antenna ports without a simultaneous transmission for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130910	0922	-	Introduction of FDD TC 8.3.1.1.2_D FDD Single-Layer Spatial Multiplexing on antenna ports with a simultaneous transmission for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130911	0923	-	Additions to TC 8.3.1.2.1_D FDD PDSCH Dual-layer Spatial Multiplexing for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130912	0924	-	Additions to TC 8.3.2.2.1_D TDD PDSCH Dual-layer Spatial Multiplexing for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130913	0925	-	Additions to TC 8.3.2.1.2_D TDD Single-Layer Spatial Multiplexing on antenna ports without a simultaneous transmission for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130914	0926	-	Additions to TC 8.3.2.1.3_D TDD Single-Layer Spatial Multiplexing on antenna ports with a simultaneous transmission for eDL-MIMO	10.4.0	10.5.0

2013-03	RAN#59	R5-130924	0934	-	Update RF TC for 36.521-1_8.2.1.2.3_C FDD PDSCH Transmit div 2x2 Enhanced ICIC for LTE	10.4.0	10.5.0
2013-03	RAN#59	R5-130925	0935	-	Update RF TC for 36.521-1_8.4.1.2.3_C FDD PCFICH PDCCH Transmit div 2x2 Enhanced ICIC for LTE	10.4.0	10.5.0
2013-03	RAN#59	R5-130935	0937	-	SNR uncertainty	10.4.0	10.5.0
2013-03	RAN#59	R5-130936	0938	-	Introduction of new rel-10 Reporting of RI test cases	10.4.0	10.5.0
2013-03	RAN#59	R5-130937	0939	-	RF: Corrections to Annex H - Default uplink settings	10.4.0	10.5.0
2013-03	RAN#59	R5-130938	0940	-	Update of TC 8.7.2.1_1 TDD sustained data rate performance (Rel-10 and forward)	10.4.0	10.5.0
2013-03	RAN#59	R5-130939	0941	-	Clarification to Soft Channel Bit size used by SS and UE	10.4.0	10.5.0
2013-03	RAN#59	R5-130940	0942	-	Correction to sustained data rate performance test	10.4.0	10.5.0
2013-03	RAN#59	R5-130941	0943	-	Clean up on performance tests	10.4.0	10.5.0
2013-03	RAN#59	R5-130944	0944	-	Update TC 6.3.5A.3.1 Aggregate power control tolerance for CA (intra-band contiguous DL CA and UL CA)	10.4.0	10.5.0
2013-03	RAN#59	R5-130945	0945	-	Update TC 6.6.3.2A.1 Spurious emission band UE co-existence for CA (intra-band contiguous DL CA and UL CA)	10.4.0	10.5.0
2013-03	RAN#59	R5-130946	0946	-	Additions to TC 6.2.5A.1 Configured UE transmitted Power for CA (intra-band contiguous DL CA and UL CA)	10.4.0	10.5.0
2013-03	RAN#59	R5-130947	0947	-	Additions to TC 6.6.3.3A.1 Additional spurious emissions for CA (intra-band contiguous DL CA and UL CA)	10.4.0	10.5.0
2013-03	RAN#59	R5-130948	0948	-	Additions to TC 7.5A.1 Adjacent Channel Selectivity (ACS) for CA (intra-band contiguous DL CA and UL CA)	10.4.0	10.5.0
2013-03	RAN#59	R5-130949	0949	-	Additions to TC 7.5A.2 Adjacent Channel Selectivity (ACS) for CA (intra-band contiguous DL CA without UL CA)	10.4.0	10.5.0
2013-03	RAN#59	R5-130950	0950	-	Additions to TC 7.5A.3 Adjacent Channel Selectivity (ACS) for CA (inter-band contiguous DL CA without UL CA)	10.4.0	10.5.0
2013-03	RAN#59	R5-130951	0951	-	Correction to test point of Frequency Error for CA and addition of TC for intra-band contiguous DL CA without UL CA	10.4.0	10.5.0
2013-03	RAN#59	R5-130961	0955	-	Channel matrix impairments for eDL-MIMO CSI tests	10.4.0	10.5.0
2013-03	RAN#59	R5-130965	0957	-	TC 9.4.1.1.1_D FDD Reporting of PMI - PUSCH 3-1 (Single PMI) for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130966	0958	-	TC 9.4.1.1.2_D TDD Reporting of PMI -PUSCH 3-1 (Single PMI) for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130967	0959	-	Additions of eDL-MIMO to Annex C Measurement of Performance Requirements	10.4.0	10.5.0
2013-03	RAN#59	R5-130968	0960	-	Additions of eDL-MIMO test cases to Annex F	10.4.0	10.5.0
2013-03	RAN#59	R5-130969	0961	-	Additions to Annex G for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130970	0962	-	Addition to TC 9.2.2.1_D FDD CQI Reporting under AWGN conditions - PUCCH 1-1 for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130971	0963	-	Addition to TC 9.3.2.2.1_D FDD CQI Reporting under fading conditions - PUCCH 1-1 for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130972	0964	-	Additions to TC 9.5.1.1_D FDD RI Reporting for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130973	0965	-	Additions to TC 9.5.1.2_D TDD RI Reporting for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130978	0966	-	Correcting TS 36.521-1 to reflect changes in 36.101	10.4.0	10.5.0
2013-03	RAN#59	R5-130979	0967	-	Correction of RF conformance Test case: 8.2.1.3.3	10.4.0	10.5.0

2013-03	RAN#59	R5-130980	0968	-	Addition new TC 8.2.2.3.3 TDD PDSCH Open Loop Spatial Multiplexing 2x2-Demod subframe overlaps with aggressor cell ABS (eICIC)	10.4.0	10.5.0
2013-03	RAN#59	R5-130994	0969	-	Corrections to 7.8.1A Wideband intermodulation for CA	10.4.0	10.5.0
2013-03	RAN#59	R5-130998	0970	-	TC 9.3.1.2.1_D FDD CQI Reporting under fading conditions - PUSCH 3-1 for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130999	0971	-	TC 9.3.1.2.2_D TDD CQI Reporting under fading conditions - PUSCH 3-1 for eDL-MIMO	10.4.0	10.5.0
2013-03	RAN#59	R5-130093	0852	-	Updates of 5.2A Operating bands for CA_11-18	10.5.0	11.0.0
2013-03	RAN#59	R5-130094	0853	-	Updates of 5.4.2A Channel bandwidth combination for CA_11-18	10.5.0	11.0.0
2013-03	RAN#59	R5-130124	0855	-	Additions to the inter-band relaxation term for CA 3A-8A in Table 6.2.5A.1.3-3	10.5.0	11.0.0
2013-03	RAN#59	R5-130140	0865	-	Update TC 7.3A.3 Reference sensitivity level for CA_3-7 and CA_7-20 (inter-band DL CA without UL CA)	10.5.0	11.0.0
2013-03	RAN#59	R5-130141	0866	-	Update TC 7.6.2A.1 Out-of-band blocking for CA_38 (intra-band contiguous DL CA and UL CA)	10.5.0	11.0.0
2013-03	RAN#59	R5-130142	0867	-	Update TC 6.2.2A.1 UE Maximum Output Power for CA_38 (intra-band contiguous DL CA and UL CA)	10.5.0	11.0.0
2013-03	RAN#59	R5-130144	0868	-	Update TC 6.2.4A.1 Additional Maximum Power Reduction (A-MPR) for CA_38 (intra-band contiguous DL CA and UL CA)	10.5.0	11.0.0
2013-03	RAN#59	R5-130239	0876	-	Updates of 6.2.5A - inter-band relaxation term for CA_1A-18A and CA_11A-18A	10.5.0	11.0.0
2013-03	RAN#59	R5-130257	0878	-	Addition of TDD operating band 44 in receiver characteristic test cases	10.5.0	11.0.0
2013-03	RAN#59	R5-130258	0879	-	Addition of TDD operating band 44 in transmitter characteristic test cases	10.5.0	11.0.0
2013-03	RAN#59	R5-130329	0891	-	Updates for 7.6.1A.1 in-band blocking for CA_7 and CA_41	10.5.0	11.0.0
2013-03	RAN#59	R5-130330	0892	-	Updates for 7.6.2A.1 Out-of-band blocking for CA_7 and CA_41	10.5.0	11.0.0
2013-03	RAN#59	R5-130348	0972	-	Correction to Spurious emission band UE co-existence and Additional spurious emissions for Band 28	10.5.0	11.0.0
2013-03	RAN#59	R5-130349	0893	-	Addition of Band 28 to MPR and A-MPR	10.5.0	11.0.0
2013-03	RAN#59	R5-130769	0907	-	Updates of Refsens for inter-band CA test points for CA_1A-19A and CA_1A-21A	10.5.0	11.0.0
2013-03	RAN#59	R5-130783	0906	-	Update TC 6.2.3A.1 Maximum Power Reduction (MPR) for CA_38 (intra-band contiguous DL CA and UL CA)	10.5.0	11.0.0
2013-03	RAN#59	R5-130805	0910	-	Update TC 7.3A.1 Reference sensitivity level for CA_38, CA_3-7 and CA_7-20 (intra-band contiguous DL CA and UL CA)	10.5.0	11.0.0
2013-03	RAN#59	R5-130810	0914	-	CA_2-17 and CA_4-17 addition to 36.521-1 Rx characteristics	10.5.0	11.0.0
2013-03	RAN#59	R5-130905	0919	-	Addition of TDD operating band 44 in chapter 5	10.5.0	11.0.0
2013-03	RAN#59	R5-130915	0927	-	Addition of band 38 and band 41 in intra-band contiguous CA transmitter test cases	10.5.0	11.0.0
2013-03	RAN#59	R5-130916	0928	-	Update TC 7.6.1A.1 In-band blocking for CA_38 (intra-band contiguous DL CA and UL CA)	10.5.0	11.0.0
2013-03	RAN#59	R5-130917	0929	-	Addition of Inter Band CA combo CA_2A-29A	10.5.0	11.0.0
2013-03	RAN#59	R5-130918	0930	-	Update of 6.2.5A Configured transmitted power for CA	10.5.0	11.0.0

2013-03	RAN#59	R5-130919	0931	-	CA_2-17 and CA_4-17 addition to 36.521-1 Tx characteristics	10.5.0	11.0.0
2013-03	RAN#59	R5-130920	0932	-	Adding transmit power relaxation value for inter-band CA configurations CA_4A-5A and CA_4A-13A	10.5.0	11.0.0
2013-03	RAN#59	R5-130921	0933	-	Adding refsens relaxation value for inter-band CA configurations CA_4A-5A and CA_4A-13A	10.5.0	11.0.0
2013-03	RAN#59	R5-130926	0936	-	Updates for 6.6.2.1A Spectrum emission mask for CA for CA_7 and CA_41	10.5.0	11.0.0
2013-03	RAN#59	R5-130956	0952	-	Updates for 7.3A.1 Reference sensitivity level for CA_7C	10.5.0	11.0.0
2013-03	RAN#59	R5-130957	0953	-	Updates for 6.2.2A UE Maximum Output Power for CA_7 and CA_41	10.5.0	11.0.0
2013-03	RAN#59	R5-130958	0954	-	Updates of 7.3A - Reference sensitivity level for CA_11A-18A	10.5.0	11.0.0
2013-03	RAN#59	R5-130964	0956	-	Adding Band 27 to TS 36.521-1	10.5.0	11.0.0
2013-03	RAN#59	-	-	-	Correction of missing small changes of R5-130806 in Table 6.6.3.2.3-1, 6.6.3.2.5-1, 6.6.3.2_1.3-1 and 6.6.3.2_1.5-1.	11.0.0	11.0.1
2013-06	RAN#60	R5-131085	0973	-	Removal of technical content in 36.521-1 v10.5.0 and substitution with pointer to the next Release	11.0.1	11.1.0
2013-06	RAN#60	R5-131147	0974	-	Updates to Chapter7 for Inter Band CA combo CA_2A-29A	11.0.1	11.1.0
2013-06	RAN#60	R5-131149	0975	-	New chap8 TDD TC 8.2.2.2.3_C for eICIC	11.0.1	11.1.0
2013-06	RAN#60	R5-131150	0976	-	New chap 8 TDD TC 8.4.2.2.3_C for eICIC	11.0.1	11.1.0
2013-06	RAN#60	R5-131153	0977	-	Introduction of new rel-11 Reporting of RI test cases	11.0.1	11.1.0
2013-06	RAN#60	R5-131154	0978	-	Introduction of new rel-11 Reporting of RI test cases into annexes	11.0.1	11.1.0
2013-06	RAN#60	R5-131156	0979	-	Correction to TC 8.4.1.1 test procedure	11.0.1	11.1.0
2013-06	RAN#60	R5-131158	0980	-	Introduction of Maximum Input Level test case for CA (inter-band DL CA without UL CA) into annexes	11.0.1	11.1.0
2013-06	RAN#60	R5-131210	0981	-	Correction of test applicability for TC 8.2.1.1.1_1: TC 8.2.1.2.1_1 and TC 8.3.2.1.1_1 in 36.521-1	11.0.1	11.1.0
2013-06	RAN#60	R5-131222	0982	-	Update of TC6.6.3B.1 for Transmitter Spurious emissions for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131226	0983	-	Clarification to test procedure on applying timing offset between CCs for Chap8 inter-band CA test cases	11.0.1	11.1.0
2013-06	RAN#60	R5-131238	0984	-	Update TC 6.2.4A.1 Additional Maximum Power Reduction (A-MPR) for CA_38C (intra-band contiguous DL CA and UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-131241	0985	-	Update TC 7.3A.1 Reference sensitivity level for CA_4A-12A (intra-band contiguous DL CA and UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-131242	0986	-	Update TC 7.3A.3 Reference sensitivity level for CA_4A-12A (inter-band DL CA without UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-131245	0987	-	Update TT of 6.3.5A.3.1 Aggregate power control tolerance for CA (intra-band contiguous DL CA and UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-131289	0988	-	Uncertainties and Test Tolerances for CA spectrum emission mask	11.0.1	11.1.0
2013-06	RAN#60	R5-131358	0989	-	RF: Corrections to RMC-s for sustained data rate test	11.0.1	11.1.0
2013-06	RAN#60	R5-131379	0990	-	CA RF - Corrections to 6.2.4A.1 requirements	11.0.1	11.1.0
2013-06	RAN#60	R5-131381	0991	-	LTE RF - Editorial correction to 8.2.2.4.2_1	11.0.1	11.1.0
2013-06	RAN#60	R5-131415	0992	-	Updates for 6.6.1A Occupied bandwidth for CA_41C	11.0.1	11.1.0

2013-06	RAN#60	R5-131450	0993	-	Addition of band44 in MPR for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131473	0994	-	References to wrong section in TS 36.508	11.0.1	11.1.0
2013-06	RAN#60	R5-131518	0995	-	Corrections to Common Test Parameters User-Specific	11.0.1	11.1.0
2013-06	RAN#60	R5-131519	0996	-	Corrections to Beamforming Model Parameters	11.0.1	11.1.0
2013-06	RAN#60	R5-131521	0997	-	Corrections to Reporting of Channel State Requirements	11.0.1	11.1.0
2013-06	RAN#60	R5-131522	0998	-	Corrections to Reporting of Precoding Matrix Indicator Requirements	11.0.1	11.1.0
2013-06	RAN#60	R5-131527	0999	-	Additions to Annex G for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131528	1000	-	Additions of eDL-MIMO test cases to Annex F	11.0.1	11.1.0
2013-06	RAN#60	R5-131539	1001	-	LTE RF: Minor changes to test case 7.5A.3	11.0.1	11.1.0
2013-06	RAN#60	R5-131540	1002	-	LTE-RF: Clarification to 7.6.1A.3 test procedure	11.0.1	11.1.0
2013-06	RAN#60	R5-131541	1003	-	Corrections to TC 6.6.2.3A.1 Adjacent Channel Leakage power Ratio for CA (intra-band contiguous DL CA and UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-131545	1004	-	Additions to TC 9.2.3.1_D for FDD CQI reporting under AWGN conditions - PUCCH 1-1 for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131546	1005	-	LTE-RF: Corrections to CA Open Loop Spatial Multiplexing Performance test cases	11.0.1	11.1.0
2013-06	RAN#60	R5-131553	1006	-	Additions to TC 9.2.3.2_D for TDD CQI reporting under AWGN conditions - PUCCH 1-1 for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131555	1007	-	Additions to TC 9.3.1.2.2_D for TDD CQI reporting under fading conditions - PUSCH 3-1 for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131559	1008	-	Additions to TC 9.3.2.2.2_D for TDD CQI reporting under fading conditions - PUCCH 1-1 for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131561	1009	-	Update of 6.2.5A - Delta TIB for CA_11A-18A	11.0.1	11.1.0
2013-06	RAN#60	R5-131562	1010	-	Additions to TC 9.4.1.3.2_D for TDD reporting of PMI-PUSCH 3-1 (Single PMI) for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131563	1011	-	Update of 7.3A - Delta RIB for CA_11A-18A	11.0.1	11.1.0
2013-06	RAN#60	R5-131567	1012	-	Additions to TC 9.4.2.3.2_D for TDD PMI reporting - PUSCH 1-2 (Multiple PMI) for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131569	1013	-	Additions to TC 9.5.2.2_D for TDD RI reporting - PUCCH 1-1 for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131634	1014	-	Removal of Spurious emission UE co-existence test case 6.6.3.2_1 from annex F	11.0.1	11.1.0
2013-06	RAN#60	R5-131649	1015	-	Adding Band28 in some Receiver test cases in section 7	11.0.1	11.1.0
2013-06	RAN#60	R5-131677	1016	-	Correction to the contents of the chapter 5.	11.0.1	11.1.0
2013-06	RAN#60	R5-131711	1017	-	Corrections to test procedure of TC 7.5B Adjacent Channel Selectivity (ACS) for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131900	1018	-	RF: Correction of Imcs for CQI index 10 (15 RBs)	11.0.1	11.1.0
2013-06	RAN#60	R5-131901	1019	-	Corrections to Frequency non-selective scheduling mode	11.0.1	11.1.0
2013-06	RAN#60	R5-131902	1020	-	Correction to the missing title of Rel-9 close loop tests	11.0.1	11.1.0
2013-06	RAN#60	R5-131903	1021	-	Correction to the references of connection diagrams	11.0.1	11.1.0
2013-06	RAN#60	R5-131904	1022	-	Maintenance of Band 23 additional regulatory requirements	11.0.1	11.1.0
2013-06	RAN#60	R5-131905	1023	-	Realignment of A-MPR Configuration Tables for Band 27 in TS 36.521-1	11.0.1	11.1.0

2013-06	RAN#60	R5-131906	1024	-	Update on General section of Tx and Rx for Cell IDs	11.0.1	11.1.0
2013-06	RAN#60	R5-131907	1025	-	LTE RF: Initial conditions update for test 6.2.5A.2	11.0.1	11.1.0
2013-06	RAN#60	R5-131908	1026	-	CA RF: Alignment for inter-band Rx tests with DL tested only as S-Cell	11.0.1	11.1.0
2013-06	RAN#60	R5-131909	1027	-	36.521-1: Inter-band CA operating bands update	11.0.1	11.1.0
2013-06	RAN#60	R5-131911	1028	-	Updates for 7.7A.1 Spurious response for CA	11.0.1	11.1.0
2013-06	RAN#60	R5-131915	1029	-	Additions to TC 9.3.1.2.1_D for FDD CQI reporting under fading conditions - PUSCH 3-1 for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131916	1030	-	Additions to TC 9.3.2.2.1_D for FDD CQI reporting under fading conditions - PUCCH 1-1 for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131917	1031	-	Additions to TC 9.4.1.3.1_D for FDD reporting of PMI - PUSCH 3-1 (Single PMI) for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131918	1032	-	Additions to TC 9.4.2.3.1_D for FDD PMI reporting - PUSCH 1-2 (Multiple PMI) for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131919	1033	-	Additions to TC 9.5.2.1_D for FDD RI reporting - PUCCH 1-1 for eDL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131920	1034	-	Adding Band28 in some Transmitter test cases in section 6	11.0.1	11.1.0
2013-06	RAN#60	R5-131921	1035	-	New RF TC for 36.521-1_8.5.1.2.3_C.1_Enhanced ICIC for LTE	11.0.1	11.1.0
2013-06	RAN#60	R5-131929	1036	-	Update TT of 6.2.2B_6.2.3B_6.2.4B and 6.2.5B for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131930	1037	-	Update TT of 6.3.2B_6.3.3B and 6.3.4B for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131931	1038	-	Update TT of 6.3.5B.1_6.3.5B.2 and 6.3.5B.3 for UL- MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131932	1039	-	Update TT of 6.5.1B_6.5.2B.1_6.5.2B.2_6.5.2B.3_6.5.2B.4 for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131933	1040	-	Update TT of 6.6.1B Occupied bandwidth for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131934	1041	-	Update TT of 6.6.2.1B_6.6.2.2B and 6.6.2.3B for UL- MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131935	1042	-	Update TT of 6.7B Transmit intermodulation for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131936	1043	-	Update TT of 6.8B Time alignment error for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131937	1044	-	Update TT of 7.3B Reference sensitivity level for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131952	1045	-	Corrections to TC 6.2.5A.1 Configured UE transmitted Power for CA (intra-band contiguous DL CA and UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-131954	1046	-	Maintenance of Band 23 Spurious Emissions Requirements	11.0.1	11.1.0
2013-06	RAN#60	R5-131955	1047	-	Corrections to Demodulation Requirements	11.0.1	11.1.0
2013-06	RAN#60	R5-131956	1048	-	Updates to sustained data rate test case	11.0.1	11.1.0
2013-06	RAN#60	R5-131957	1049	-	New RF TC for 36.521-1_9.2.1.3_C.1_Enhanced ICIC for LTE	11.0.1	11.1.0
2013-06	RAN#60	R5-131958	1050	-	RF: Structure clean-up for chapter 9 (including eICIC and eDL-MIMO tests)	11.0.1	11.1.0
2013-06	RAN#60	R5-131959	1051	-	Update TT of 7.4B_7.5B_7.6.1B_7.6.2B_7.6.3B_7.7B and 7.8.1B for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131960	1052	-	Update of TC6.6.3B.3 for Additional spurious emissions for UL-MIMO	11.0.1	11.1.0
2013-06	RAN#60	R5-131961	1053	-	Update of TC6.6.3B.2 for Spurious emissions band UE co-existence for UL-MIMO	11.0.1	11.1.0

2013-06	RAN#60	R5-131962	1054	-	Updates of 6.2.2.3 - maximum output power for UE that supports both Band 18 and 26	11.0.1	11.1.0
2013-06	RAN#60	R5-131963	1055	-	Update of 6.2.4 Test points for A-MPR when NS_05 is signalled	11.0.1	11.1.0
2013-06	RAN#60	R5-131964	1056	-	Updates of 7.3.3 - Refsens for UE that supports both Band 18 and Band 26	11.0.1	11.1.0
2013-06	RAN#60	R5-131969	1057	-	CA RF: Alignment for tests with PCC and SCC switching	11.0.1	11.1.0
2013-06	RAN#60	R5-131971	1059	-	Introduction of Maximum Input Level test case for CA (inter-band DL CA without UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-131972	1060	-	Addition of Maximum input level for inter-band CA and updates to test configuration for some Rx TCs	11.0.1	11.1.0
2013-06	RAN#60	R5-131973	1061	-	Updates to FDD sustained data rate test case for CA	11.0.1	11.1.0
2013-06	RAN#60	R5-131974	1062	-	Clarification on Time offset between cells	11.0.1	11.1.0
2013-06	RAN#60	R5-131975	1063	-	Update TC 6.2.3A.1 Maximum Power Reduction (MPR) for CA (intra-band contiguous DL CA and UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-131976	1064	-	Update of UE co-existence requirement for CA	11.0.1	11.1.0
2013-06	RAN#60	R5-131977	1065	-	Update TC 6.2.5A.1 Configured UE transmitted Output Power for CA_3A-7A, CA_4A-12A and CA_7A-20A (intra-band contiguous DL CA and UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-131978	1066	-	Updates for 6.2.4A A-MPR for CA_41C	11.0.1	11.1.0
2013-06	RAN#60	R5-131979	1067	-	Updates for 7.5A.1 Adjacent Channel Selectivity (ACS) for CA_41C	11.0.1	11.1.0
2013-06	RAN#60	R5-131980	1068	-	Updates for 7.6.1A.1 in-band blocking for CA_41C	11.0.1	11.1.0
2013-06	RAN#60	R5-131981	1069	-	Updates for 7.6.2A.1 Out-of-band blocking for CA_41C	11.0.1	11.1.0
2013-06	RAN#60	R5-131982	1070	-	Updates for 7.6.3A.1 Narrow band blocking for CA_41C	11.0.1	11.1.0
2013-06	RAN#60	R5-131983	1071	-	Updates for 7.8.1A.1 Wideband intermodulation for CA_41C	11.0.1	11.1.0
2013-06	RAN#60	R5-131985	1072	-	Update of CA refsens test 7.3A for inter-band CA configurations CA_4A-5A and CA_4A-13A	11.0.1	11.1.0
2013-06	RAN#60	R5-131987	1073	-	Addition of band 44 in MPR	11.0.1	11.1.0
2013-06	RAN#60	R5-131990	1074	-	CA_1A-18A, CA_2A-17A, CA_3A-8A, CA_4A-5A, CA_4A-13A, CA_4A-17A, CA_11A-18A addition and corrections to Reference Sensitivity TC 7.3A	11.0.1	11.1.0
2013-06	RAN#60	R5-132079	1058	-	Corrections to TC 6.6.3.3A.1 Additional spurious emissions for CA (intra-band contiguous DL CA and UL CA)	11.0.1	11.1.0
2013-06	RAN#60	R5-132080	1075	-	CA RF - Corrections to Blocking Characteristics in 7.6	11.0.1	11.1.0
2013-06	RAN#60	R5-132103	1076	-	Change Spurious emission UE co-existence test cases to align with release independence rule	11.0.1	11.1.0
2013-06	RAN#60	R5-132105	1077	-	CA RF: Corrections to message contents with regard to transmission mode	11.0.1	11.1.0
2013-06	RAN#60	R5-132110	1078	-	Updated test points test case 6.2.3 A-MPR for NS_15 band26	11.0.1	11.1.0
2013-06	RAN#60	R5-132113	1079	-	New test cases for LTE B14 public safety high power UE	11.0.1	11.1.0
2013-09	RAN#61	R5-133070	1080	-	Correction to test points in Additional Spurious Emissions Coexistence test case	11.1.0	11.2.0
2013-09	RAN#61	R5-133073	1081	-	LTE Type A performance requirements - Changes to clause 3	11.1.0	11.2.0
2013-09	RAN#61	R5-133074	1082	-	LTE Type A performance requirements - Changes to clause 8.1.1	11.1.0	11.2.0

2013-09	RAN#61	R5-133075	1083	-	LTE Type A performance requirements - Changes to Annex A	11.1.0	11.2.0
2013-09	RAN#61	R5-133076	1084	-	LTE Type A performance requirements - Introduction of Annex B.5	11.1.0	11.2.0
2013-09	RAN#61	R5-133077	1085	-	LTE Type A performance requirements - Introduction of the new test case 9.3.5.1.1.	11.1.0	11.2.0
2013-09	RAN#61	R5-133232	1086	-	Corrections to CA TC 6.5.2A.3	11.1.0	11.2.0
2013-09	RAN#61	R5-133247	1087	-	Addition of Band 31 to 36.521-1 General s05	11.1.0	11.2.0
2013-09	RAN#61	R5-133248	1088	-	Addition of Band 31 to 36.521-1 RX s07	11.1.0	11.2.0
2013-09	RAN#61	R5-133249	1089	-	Addition of Band 31 to 36.521-1 TX s06	11.1.0	11.2.0
2013-09	RAN#61	R5-133252	1090	-	RF: Minor correction to test points for spurious emissions UE co-existence	11.1.0	11.2.0
2013-09	RAN#61	R5-133258	1091	-	Update TC 7.3A.3 Reference sensitivity level for CA_5A-12A (inter-band DL CA without UL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133261	1092	-	Update the minimum requirements of TCs 7.6.3A.1, 7.7A.1 and 7.8.1A.1 for CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133262	1093	-	Update TC 6.6.3B.2 of Spurious emission band UE co-existence for UL-MIMO	11.1.0	11.2.0
2013-09	RAN#61	R5-133263	1094	-	Update TCs 6.2.2B and 6.2.5B for UL-MIMO	11.1.0	11.2.0
2013-09	RAN#61	R5-133265	1095	-	RF: Addition of missing UL-RMC-s for Tx testing	11.1.0	11.2.0
2013-09	RAN#61	R5-133266	1096	-	Correction of TCs 7.3 and 7.3B Reference sensitivity level for Band 27	11.1.0	11.2.0
2013-09	RAN#61	R5-133268	1097	-	CA RF: Addition of new CQI tests for CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133298	1098	-	Correction to Spurious emission band UE co-existence	11.1.0	11.2.0
2013-09	RAN#61	R5-133415	1099	-	Correction to the repeat steps in 7.6.1A, 7.6.3A and 7.8.1A	11.1.0	11.2.0
2013-09	RAN#61	R5-133418	1100	-	Correction to CA sustained data rate performance test	11.1.0	11.2.0
2013-09	RAN#61	R5-133423	1101	-	Correction to eICIC Performance test cases	11.1.0	11.2.0
2013-09	RAN#61	R5-133425	1102	-	Correction to UE category in Tx test cases	11.1.0	11.2.0
2013-09	RAN#61	R5-133426	1103	-	Correction to Spurious emission band UE co-existence	11.1.0	11.2.0
2013-09	RAN#61	R5-133431	1104	-	Correction to MBMS Performance test cases	11.1.0	11.2.0
2013-09	RAN#61	R5-133474	1105	-	Update TC of 8.7.2.1_A.1 TDD sustained data rate performance for CA (intra-band contiguous DL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133517	1106	-	Adding the minimum channel spacing for intra-band non-contiguous CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133522	1107	-	Corrections to Annex F for Maintenance of Band 23	11.1.0	11.2.0
2013-09	RAN#61	R5-133523	1108	-	Corrections to description for definition of MIMO Correlation Matrices using cross polarized antennas	11.1.0	11.2.0
2013-09	RAN#61	R5-133524	1109	-	Corrections to UE maximum output power for CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133525	1110	-	Corrections to General Maintenance of Operating Bands and Channel Arrangements	11.1.0	11.2.0
2013-09	RAN#61	R5-133532	1111	-	Introduction of eICIC_enh_LTE to Annex C	11.1.0	11.2.0
2013-09	RAN#61	R5-133534	1112	-	Corrections to TC 6.6.2.3A.1 Adjacent Channel Leakage power Ratio for CA (intra-band contiguous DL CA and UL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133535	1113	-	Corrections to TC 7.5A.1 Adjacent Channel Selectivity (ACS) for CA (intra-band contiguous DL CA and UL CA)	11.1.0	11.2.0

2013-09	RAN#61	R5-133800	1114	-	Correction to test frequency in Additional Spurious Emissions test cases for NS_15	11.1.0	11.2.0
2013-09	RAN#61	R5-133801	1115	-	Update applicability of test cases 9.4.2.2.1 and 9.4.2.2.2	11.1.0	11.2.0
2013-09	RAN#61	R5-133802	1116	-	Correction to applicability for TDD-TM8 test cases	11.1.0	11.2.0
2013-09	RAN#61	R5-133803	1117	-	Editorial correction to 6.6.3.3 Additional spurious emissions	11.1.0	11.2.0
2013-09	RAN#61	R5-133804	1118	-	Correction the Minimum conformance requirements for test case 6.2.2B	11.1.0	11.2.0
2013-09	RAN#61	R5-133805	1119	-	CA RF: Adding missing DL-RMC-s	11.1.0	11.2.0
2013-09	RAN#61	R5-133806	1120	-	Update TC of 8.2.1.1 FDD PDSCH Single Antenna Port Performance (Cell-Specific Reference Symbols) for CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133807	1121	-	Update TC of 8.2.1.4 FDD PDSCH Closed Loop Spatial Multiplexing Performance (Cell-Specific Reference Symbols) for CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133808	1122	-	Addition of new TC 8.2.1.4.2_A.2 for FDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for CA (inter band DL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133811	1123	-	Update of CA TC 7.3A.1	11.1.0	11.2.0
2013-09	RAN#61	R5-133812	1124	-	Update of CA TC 7.4A.1	11.1.0	11.2.0
2013-09	RAN#61	R5-133819	1125	-	Correction of applicability for FDD RF TCs 9.3.4.1.1, 9.3.4.2.1 & 9.4.1.2.1and TDD RF TCs 9.3.4.1.2, 9.3.4.2.2 & 9.4.1.2.2	11.1.0	11.2.0
2013-09	RAN#61	R5-133823	1126	-	Introduction of eICIC_enh_LTE to Annex A to reference measurement channels for PDCCH/PCFICH	11.1.0	11.2.0
2013-09	RAN#61	R5-133824	1127	-	Introduction of eICIC_enh_LTE to Annex A DL reference measurement channels	11.1.0	11.2.0
2013-09	RAN#61	R5-133828	1128	-	Corrections to 6.2.4 A-MPR for Maintenance of Band 23	11.1.0	11.2.0
2013-09	RAN#61	R5-133829	1129	-	Corrections to Transmitter Characteristics Maintenance	11.1.0	11.2.0
2013-09	RAN#61	R5-133830	1130	-	Alignment of test configuration tables (test frequencies) in Additional Spurious Emissions tests cases	11.1.0	11.2.0
2013-09	RAN#61	R5-133831	1131	-	Corrections to Receiver Characteristics Maintenance	11.1.0	11.2.0
2013-09	RAN#61	R5-133832	1132	-	Corrections to 6.6.2.2 Additional Spectrum Emission Mask for Maintenance of Band 23	11.1.0	11.2.0
2013-09	RAN#61	R5-133833	1133	-	Updates to Chapter7 for Inter Band CA combo CA_4A-29A	11.1.0	11.2.0
2013-09	RAN#61	R5-133838	1134	-	Update Minimum Requirements of TCs 6.2.4 and 6.2.5	11.1.0	11.2.0
2013-09	RAN#61	R5-133845	1135	-	Correction to Configured UE transmitted output power for CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133846	1136	-	Corrections to TC 6.2.5A.2 Configured UE transmitted Power for CA (inter-band DL CA without UL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133847	1137	-	Updates to Wideband intermodulation for CA test cases	11.1.0	11.2.0
2013-09	RAN#61	R5-133850	1138	-	Correction to measurement target of CA Rx test cases	11.1.0	11.2.0
2013-09	RAN#61	R5-133851	1139	-	Corrections to TC 7.5A.2 Adjacent Channel Selectivity (ACS) for CA (intra-band contiguous DL CA without UL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133852	1140	-	Update TC of 8.7.1.1_A.1 FDD Sustained data rate performance for CA (intra band contiguous DL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133853	1141	-	Update TC of 8.7.1.1_A.2 FDD Sustained data rate performance for CA (inter band DL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133854	1142	-	Updates of Annex for CA test cases	11.1.0	11.2.0

2013-09	RAN#61	R5-133863	1143	-	Clarification on Bandwidth Combination Set for Carrier Aggregation Transmitter tests	11.1.0	11.2.0
2013-09	RAN#61	R5-133865	1144	-	Update TC 6.2.5A.1 Configured UE transmitted Output Power for CA_5A-12A (intra-band contiguous DL CA and UL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133866	1145	-	Update the minimum requirements of TCs 7.5A.1, 7.6.1A.1 and 7.6.2A.1 for CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133867	1146	-	Update TC 7.3A.1 Reference sensitivity level for CA (intra-band contiguous DL CA and UL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133869	1147	-	Addition of Refsens for intra-band non-contiguous CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133870	1148	-	Update TC 7.3A.3 reference sensitivity level for CA_3-8 (inter-band DL CA without UL CA)	11.1.0	11.2.0
2013-09	RAN#61	R5-133871	1149	-	Test cases and test system uncertainty for LTE B14 public safety highpower UE	11.1.0	11.2.0
2013-09	RAN#61	R5-133873	1150	-	Addition of new TC 8.3.1.1.3 for FDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 with TM9 Interference Model	11.1.0	11.2.0
2013-09	RAN#61	R5-133874	1151	-	Addition of new TC 8.3.2.1.4 for TDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 with TM9 Interference Model	11.1.0	11.2.0
2013-09	RAN#61	R5-133886	1152	-	eICIC RF: Addition of new RI tests and OCNG patterns for eICIC	11.1.0	11.2.0
2013-09	RAN#61	R5-133887	1153	-	Update of CA TC 6.2.3A and TC 6.2.4A	11.1.0	11.2.0
2013-09	RAN#61	R5-133888	1154	-	CA RF: Corrections to reference sensitivity requirements for CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133889	1155	-	Correction to Test Requirement in 7.3A.3	11.1.0	11.2.0
2013-09	RAN#61	R5-133890	1156	-	Update TC of 8.2.1.3 FDD PDSCH Open Loop Spatial Multiplexing Performance (Cell-Specific Reference Symbols)for CA	11.1.0	11.2.0
2013-09	RAN#61	R5-133898	1157	-	Clarification on Bandwidth Combination Set for Carrier Aggregation Receiver tests	11.1.0	11.2.0
2013-09	RAN#61	R5-133899	1158	-	Addition of CA TC 6.6.2.2A	11.1.0	11.2.0
2013-12	RAN#62	R5-134130	1159	-	RF: Corrections to the notes in the band UE co-existence requirements table	11.2.0	11.3.0
2013-12	RAN#62	R5-134131	1160	-	RF: Corrections to sustained data rate test case	11.2.0	11.3.0
2013-12	RAN#62	R5-134132	1161	-	RF: Clean-up of uplink reference measurement channels	11.2.0	11.3.0
2013-12	RAN#62	R5-134139	1162	-	eICIC RF: Corrections to PHICH demodulation test	11.2.0	11.3.0
2013-12	RAN#62	R5-134161	1163	-	Corrections to Transmitter Requirements for Intra-band Non-contiguous CA	11.2.0	11.3.0
2013-12	RAN#62	R5-134169	1164	-	Introduction of I.2.6 Tests for feICIC (Further Enhanced Non CA- based ICIC for LTE)	11.2.0	11.3.0
2013-12	RAN#62	R5-134170	1165	-	Introduction of TC 8.2.1.2.3_E.1 FDD PDSCH Transmit diversity 2x2 for feICIC (non-MBFSN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134171	1166	-	Introduction of TC 8.2.2.2.3_E.1 TDD PDSCH Transmit diversity 2x2 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134172	1167	-	Introduction of TC 8.2.1.4.1_E.1 FDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0

2013-12	RAN#62	R5-134173	1168	-	Introduction of TC 8.2.2.4.1_E.1 TDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134174	1169	-	Introduction of TC 8.4.1.2.3_E.1 FDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134175	1170	-	Introduction of TC 8.4.1.2.3_E.2 FDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134176	1171	-	Introduction of TC 8.4.2.2.3_E.1 TDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134177	1172	-	Introduction of TC 8.4.2.2.3_E.2 TDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134178	1173	-	Introduction of Demodulation feICIC Test Cases to Annex F	11.2.0	11.3.0
2013-12	RAN#62	R5-134179	1174	-	Introduction of TC 9.2.1.5_E.1 FDD CQI Reporting under AWGN conditions - PUCCH 1-0 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134180	1175	-	Introduction of TC 9.2.1.6_E.1 TDD CQI Reporting under AWGN conditions - PUCCH 1-0 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134181	1176	-	Introduction of TC 9.3.1.3.1_E.1 FDD CQI Reporting under fading conditions - PUSCH 3-0 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134182	1177	-	Introduction of TC 9.3.1.3.2_E.1 TDD CQI Reporting under fading conditions - PUSCH 3-0 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134183	1178	-	Introduction of TC 9.5.4.1_E FDD RI Reporting - PUCCH 1-0 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134184	1179	-	Introduction of TC 9.5.4.2_E TDD RI Reporting - PUCCH 1-0 for feICIC (non-MBSFN ABS)	11.2.0	11.3.0
2013-12	RAN#62	R5-134185	1180	-	Introduction of Reporting of Channel State Information feICIC Test Cases to Annex F	11.2.0	11.3.0
2013-12	RAN#62	R5-134196	1181	-	Corrections to 7.5A.3 Adjacent Channel Selectivity (ACS) for CA (inter-band DL CA without UL CA)	11.2.0	11.3.0
2013-12	RAN#62	R5-134199	1182	-	Corrections to MPR for intra-band non-contiguous CA	11.2.0	11.3.0
2013-12	RAN#62	R5-134234	1183	-	CA RF: Corrections to requirements for In-Band blocking for Inter-Band without UL-CA	11.2.0	11.3.0
2013-12	RAN#62	R5-134247	1184	-	RF: Corrections to requirements for NS_11 (Band 23)	11.2.0	11.3.0
2013-12	RAN#62	R5-134250	1185	-	RF: Band edge relaxation for UE-s supporting Band 18 and Band 26	11.2.0	11.3.0
2013-12	RAN#62	R5-134289	1187	-	Correction to Maximum Power Reduction (MPR) for CA Test Procedure	11.2.0	11.3.0
2013-12	RAN#62	R5-134413	1189	-	Update TT of TC 8.2.1.4.2_A.2 FDD PDSCH Closed Loop Multi Layer 4x2 for CA	11.2.0	11.3.0
2013-12	RAN#62	R5-134414	1190	-	Correction of TC 6.2.4A Test Requirements for CA_38C	11.2.0	11.3.0
2013-12	RAN#62	R5-134421	1191	-	The addition of Beamforming model for EPDCCH localized transmission	11.2.0	11.3.0
2013-12	RAN#62	R5-134423	1192	-	The addition of Beamforming model for EPDCCH distributed transmission	11.2.0	11.3.0
2013-12	RAN#62	R5-134424	1193	-	The addition of Downlink physical setup for EPDCCH	11.2.0	11.3.0
2013-12	RAN#62	R5-134431	1194	-	LTE Type A performance requirements - Introduction of the new test case 8.2.1.2.4	11.2.0	11.3.0
2013-12	RAN#62	R5-134432	1195	-	LTE Type A performance requirements - adding TC 8.2.1.2.4 and 9.3.5.1.1 to Annex E and G	11.2.0	11.3.0

2013-12	RAN#62	R5-134445	1196	-	TU and TT for 36.521-1 eICIC FDD PCFICH/PDCCH and PHICH demodulation tests	11.2.0	11.3.0
2013-12	RAN#62	R5-134477	1197	-	Correction to CA Sustained data rate tests	11.2.0	11.3.0
2013-12	RAN#62	R5-134478	1198	-	Correction to CQI-ReportConfig-DEFAULT for CA performance tests	11.2.0	11.3.0
2013-12	RAN#62	R5-134485	1199	-	Clarification of UL resource blocks for CA_4A-17A in 7.3A.3	11.2.0	11.3.0
2013-12	RAN#62	R5-134488	1200	-	Correction to test requirement in 6.2.4	11.2.0	11.3.0
2013-12	RAN#62	R5-134489	1201	-	Correction to test requirement in 6.6.3.2	11.2.0	11.3.0
2013-12	RAN#62	R5-134490	1202	-	Additional exception message for SIB3 in MBMS performance test	11.2.0	11.3.0
2013-12	RAN#62	R5-134800	1204	-	Introduction of UE TM3 Demodulation Performance under High Speed to Annex F	11.2.0	11.3.0
2013-12	RAN#62	R5-134801	1205	-	Introduction of UE TM3 Demodulation Performance under High Speed	11.2.0	11.3.0
2013-12	RAN#62	R5-134802	1206	-	Corrections to eDL-MIMO Channel State Information Test	11.2.0	11.3.0
2013-12	RAN#62	R5-134805	1207	-	Update Minimum Requirements of TCs 6.6.3.2 and 6.6.3.2A Spurious emission band UE co-existence	11.2.0	11.3.0
2013-12	RAN#62	R5-134806	1208	-	Change Spurious emission UE co-existence test case for LTE CA to align with release independence rule	11.2.0	11.3.0
2013-12	RAN#62	R5-134807	1209	-	Clarification of applicability of additional relaxation RIB,c on Reference Sensitivity Test Cases	11.2.0	11.3.0
2013-12	RAN#62	R5-134816	1215	-	Addition of new Test Case PUCCH 1-1 for Interference rejection	11.2.0	11.3.0
2013-12	RAN#62	R5-134817	1216	-	Addition of interference rejection test cases TC 8.2.2.2.4 and TC 8.2.2.4.3	11.2.0	11.3.0
2013-12	RAN#62	R5-134828	1217	-	Clarification of multi-cluster transmission terminology	11.2.0	11.3.0
2013-12	RAN#62	R5-134829	1218	-	Corrections to Pcmax	11.2.0	11.3.0
2013-12	RAN#62	R5-134830	1219	-	Corrections to test descriptions reference tables for Transmitter Characteristics test cases	11.2.0	11.3.0
2013-12	RAN#62	R5-134832	1220	-	Corrections to definition of 5+20 MHz for spectrum emission mask for CA in Annex F	11.2.0	11.3.0
2013-12	RAN#62	R5-134857	1223	-	Update TC 6.2.4 A-MPR for NS_19	11.2.0	11.3.0
2013-12	RAN#62	R5-134858	1224	-	Update TC 6.6.3.3 Additional Spurious Emissions for NS_19	11.2.0	11.3.0
2013-12	RAN#62	R5-134859	1225	-	Simplification of test points in Additional Spurious Emissions Coexistence test case	11.2.0	11.3.0
2013-12	RAN#62	R5-134861	1227	-	Addition of Sustained data rate test(FDD) for category 6 and 7 UEs	11.2.0	11.3.0
2013-12	RAN#62	R5-134865	1228	-	CA RF: Power alignment between uplink component carriers	11.2.0	11.3.0
2013-12	RAN#62	R5-134866	1229	-	Completion of test case 6.7A Transmit intermodulation for CA	11.2.0	11.3.0
2013-12	RAN#62	R5-134867	1230	-	Update Minimum Requirements of TCs 7.3 and 7.3.1A Reference sensitivity power level	11.2.0	11.3.0
2013-12	RAN#62	R5-134868	1231	-	Clean-up of CA Rx test cases	11.2.0	11.3.0
2013-12	RAN#62	R5-134871	1232	-	Update Minimum Requirements and TT of TC 8.2.1.3.1_A	11.2.0	11.3.0
2013-12	RAN#62	R5-134875	1233	-	Addition of Inter Band CA combo CA_3A-5A, CA_3A-20A	11.2.0	11.3.0
2013-12	RAN#62	R5-134876	1234	-	Addition of Inter Band CA combo CA_4A-7A	11.2.0	11.3.0

2013-12	RAN#62	R5-134878	1235	-	Correction and applicability clarification to multi-cluster allocations for UL CA TCs 6.2.3A, 6.2.4A, 6.6.2.1A, 6.6.2.2A, 6.6.2.3A and 6.6.3.3A	11.2.0	11.3.0
2013-12	RAN#62	R5-134879	1236	-	Clarification of CA Reference sensitivity level	11.2.0	11.3.0
2013-12	RAN#62	R5-134880	1237	-	Correction to blocking requirements and use of delta RIB	11.2.0	11.3.0
2013-12	RAN#62	R5-134881	1238	-	Addition of new TC 7.4A.4 Maximum input level for CA (intra band non-contiguous DL CA without UL CA)	11.2.0	11.3.0
2013-12	RAN#62	R5-134882	1239	-	Addition of new TC 7.5A.4 Adjacent Channel Selectivity (ACS) for CA(intra band non-contiguous DL CA without UL CA)	11.2.0	11.3.0
2013-12	RAN#62	R5-134889	1244	-	Uncertainties and Test Tolerances for eICIC PDSCH demodulation tests	11.2.0	11.3.0
2013-12	RAN#62	R5-134893	1247	-	Addition of applicabilities of LTE Type A performance requirements	11.2.0	11.3.0
2013-12	RAN#62	R5-134894	1248	-	Test Procedure, uncerts and TT for Rx Test cases with intra-band contiguous UL CA	11.2.0	11.3.0
2013-12	RAN#62	R5-134976	1251	-	Update TT of TC 8.2.1.4.2_A.1 FDD PDSCH Closed Loop Multi Layer 4x2 for CA	11.2.0	11.3.0
2013-12	RAN#62	R5-134977	1252	-	Update of CA CSI tests	11.2.0	11.3.0
2013-12	RAN#62	R5-134978	1253	-	Update of eICIC Performance test cases	11.2.0	11.3.0
2013-12	RAN#62	R5-134985	1254	-	LTE Type A performance requirements - Changes to TC 9.3.5.1.1	11.2.0	11.3.0
2013-12	RAN#62	R5-134987	1255	-	RF: Corrections to requirements for NS_15 (Band 26)	11.2.0	11.3.0
2013-12	RAN#62	R5-134988	1256	-	Corrections to Band 23 NS_11 and NS_20 Test Points	11.2.0	11.3.0
2013-12	RAN#62	R5-134995	1259	-	Update on MPR and A-MPR test requirements	11.2.0	11.3.0
2013-12	RAN#62	R5-135012	1261	-	Clarification in regard to 36.521-1 tests not included in 36.521-2 Applicability table	11.2.0	11.3.0
2013-12	RAN#62	R5-135031	1222	-	RF TC Update for 36.521-1_9.2.1.3_C1 eICIC	11.2.0	11.3.0
2013-12	RAN#62	R5-135046	1226	-	RF: Updates to the downlink reference measurement channels	11.2.0	11.3.0
2013-12	RAN#62	R5-134277	1186	-	Addition of Rel-12 CA band combinations(CA_3-19 and CA_19-21) to Chap. 5	11.3.0	12.0.0
2013-12	RAN#62	R5-134339	1188	-	Updates to TC 6.2.2A.1 for CA_3C	11.3.0	12.0.0
2013-12	RAN#62	R5-134540	1203	-	Applicability statement of new 5MHz BB tests for Band 31 in TS 36.521-1	11.3.0	12.0.0
2013-12	RAN#62	R5-134808	1210	-	Updates of 5.4.2A Channel bandwidth for CA_1A-18A	11.3.0	12.0.0
2013-12	RAN#62	R5-134809	1211	-	Updates of 5.2A Operating bands for CA_1A-26A	11.3.0	12.0.0
2013-12	RAN#62	R5-134810	1212	-	Updates of 5.4.2A Channel bandwidth for CA_1A-26A	11.3.0	12.0.0
2013-12	RAN#62	R5-134811	1213	-	Updates of 6.2.5A Delta TIB for CA_1A-26A	11.3.0	12.0.0
2013-12	RAN#62	R5-134812	1214	-	Updates of 7.3A Delta RIB for CA_1A-26A	11.3.0	12.0.0
2013-12	RAN#62	R5-134833	1221	-	Correction to Tx TCs for lower tolerance relaxation, removal of 6.2.5A.2 and addition of Rel-12 CA band combinations(CA_3-19 and CA_19-21) to 6.2.5	11.3.0	12.0.0
2013-12	RAN#62	R5-134884	1240	-	Addition of Rel-12 CA band combination(CA_3-19 and CA_19-21) to Refsens	11.3.0	12.0.0
2013-12	RAN#62	R5-134886	1241	-	Updates for 5.2A operating bands and 5.4.2A channel bandwidth for CA_3C	11.3.0	12.0.0

2013-12	RAN#62	R5-134887	1242	-	Updates to TC 6.2.3A.1 for CA_3C	11.3.0	12.0.0
2013-12	RAN#62	R5-134888	1243	-	Updates to TC 6.6.2.1A.1 for CA_3C	11.3.0	12.0.0
2013-12	RAN#62	R5-134891	1245	-	Updates to FDD PDSCH Single Antenna and Transmit Diversity 2x2 performance test cases for 5MHz BW	11.3.0	12.0.0
2013-12	RAN#62	R5-134892	1246	-	Updates to 8.2.1.3.1 for FDD PDSCH Open Loop Spatial Multiplexing 2x2 for 5MHz BW	11.3.0	12.0.0
2013-12	RAN#62	R5-134896	1249	-	Updates to TC 9.2.1.1 FDD CQI reporting under AWGN conditions - PUCCH 1-0 test case for 5MHz BW	11.3.0	12.0.0
2013-12	RAN#62	R5-134897	1250	-	Updates to TC 9.3.2.1.1 and 9.3.2.1.1_1 FDD CQI Reporting under fading conditions - PUCCH 1-0 test case for 5MHz BW	11.3.0	12.0.0
2013-12	RAN#62	R5-134989	1257	-	Corrections to definition of 5+20 MHz for spectrum emission mask for CA	11.3.0	12.0.0
2013-12	RAN#62	R5-134992	1258	-	Updates to 8.5.1.2 FDD PHICH Transmit Diversity Performance tests	11.3.0	12.0.0
2013-12	RAN#62	R5-135068	1262	-	Updates to 8.2.1.4 FDD PDSCH Closed Loop Single/Multiple layer Spatial Multiplexing 2x2 for 5MHz BW	11.3.0	12.0.0
2014-03	RAN#63	R5-140228	1264	-	Uncertainties for eICIC 9.x CSI Test Cases	12.0.0	12.1.0
2014-03	RAN#63	R5-140245	1265	-	eDL-MIMO RF: Corrections to 8x2 MIMO tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140247	1266	-	CA RF: Corrections to sustained data rate tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140248	1267	-	RF: Corrections to OCNG pattern for PMI tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140249	1268	-	RF: Corrections to cross references between tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140250	1269	-	feICIC RF: Corrections to some subclause-titles	12.0.0	12.1.0
2014-03	RAN#63	R5-140261	1270	-	CoMP RF: Introduction of CoMP section in Annex I	12.0.0	12.1.0
2014-03	RAN#63	R5-140388	1272	-	LTE Type A performance requirements - Introduction of the new test case 9.3.5.1.2	12.0.0	12.1.0
2014-03	RAN#63	R5-140444	1273	-	Updates of 6.2.5 Delta TIB for CA_1A-26A	12.0.0	12.1.0
2014-03	RAN#63	R5-140446	1274	-	Updates of 7.3 Delta RIB for CA_1A-26A	12.0.0	12.1.0
2014-03	RAN#63	R5-140448	1275	-	Updates of 6.6.3.2 Spurious emission band UE co-existence for B41	12.0.0	12.1.0
2014-03	RAN#63	R5-140499	1276	-	Update of eICIC Performance tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140505	1277	-	Correction to test configuration parameter in Tx	12.0.0	12.1.0
2014-03	RAN#63	R5-140508	1278	-	Update of CA FDD and TDD performance tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140509	1279	-	Addition of CQI configuration in CA closed loop performance tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140511	1280	-	Addition of SCC activation and CQI configuration in CA CQI Reporting tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140561	1281	-	Removal of [ ]s in Annex G.6	12.0.0	12.1.0
2014-03	RAN#63	R5-140800	1282	-	Corrections to NS signalling for CA refsens	12.0.0	12.1.0
2014-03	RAN#63	R5-140801	1283	-	Correction to statistical testing for Inter-band CA Rx tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140802	1284	-	Additions to combinations of channel model parameters	12.0.0	12.1.0
2014-03	RAN#63	R5-140803	1285	-	Addition of a Fixed Reference Channel two antenna ports	12.0.0	12.1.0
2014-03	RAN#63	R5-140804	1286	-	Corrections to TDD eDL-MIMO test cases	12.0.0	12.1.0

2014-03	RAN#63	R5-140805	1287	-	Correction the category information of Table 8.2.1.1.2.3-2 and Table 8.2.1.1.2.5-1 in test case 8.2.1.1.2	12.0.0	12.1.0
2014-03	RAN#63	R5-140806	1288	-	Correction the category information in Table 8.2.1.2.1.3-2 and Table 8.2.1.2.1.3-2 for Test case 8.2.1.2.1	12.0.0	12.1.0
2014-03	RAN#63	R5-140807	1289	-	Correction the test case applicability of test case 8.2.1.3.2	12.0.0	12.1.0
2014-03	RAN#63	R5-140811	1290	-	Addition of A.3.9.4 TDD SDR Reference Channel for EPDCCH	12.0.0	12.1.0
2014-03	RAN#63	R5-140812	1291	-	Addition of A.3.9.3 FDD SDR Reference Channel for EPDCCH	12.0.0	12.1.0
2014-03	RAN#63	R5-140813	1292	-	Addition of OCNG Pattern for EPDCCH TDD performance requirements	12.0.0	12.1.0
2014-03	RAN#63	R5-140814	1293	-	Addition of OCNG Pattern for EPDCCH FDD performance requirements	12.0.0	12.1.0
2014-03	RAN#63	R5-140815	1294	-	Addition of Reference Measurement Channels for EPDCCH performance requirements	12.0.0	12.1.0
2014-03	RAN#63	R5-140816	1295	-	Introduction of RMCs and power levels for CoMP in annex	12.0.0	12.1.0
2014-03	RAN#63	R5-140818	1296	-	Addition of CA_1A-8A to 36.521-1 Chapter 5	12.0.0	12.1.0
2014-03	RAN#63	R5-140819	1297	-	Addition of CA_1A-8A to 36.521-1 Chapter 6	12.0.0	12.1.0
2014-03	RAN#63	R5-140820	1298	-	Addition of CA_1A-8A to 36.521-1 Chapter 7	12.0.0	12.1.0
2014-03	RAN#63	R5-140823	1300	-	Corrections to definition of 20 MHz and 5MHz for transmit intermodulation for CA in 6.7A	12.0.0	12.1.0
2014-03	RAN#63	R5-140824	1301	-	Updates to TC 7.4A.1 for CA_3C	12.0.0	12.1.0
2014-03	RAN#63	R5-140825	1302	-	Updates to TC 6.6.3.2A for CA_3C	12.0.0	12.1.0
2014-03	RAN#63	R5-140826	1303	-	Corrections to definition of 20 MHz and 5MHz for occupied bandwidth for CA in 6.6.1A	12.0.0	12.1.0
2014-03	RAN#63	R5-140827	1304	-	Updates to TC 7.3A.1 for CA_3C	12.0.0	12.1.0
2014-03	RAN#63	R5-140828	1305	-	Updates to TC 7.3A.2 for CA_3C	12.0.0	12.1.0
2014-03	RAN#63	R5-140831	1306	-	Additions to TC 8.2.2.2.3_E.1 TDD PDSCH Transmit diversity 2x2 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140832	1307	-	Additions to TC 8.2.1.4.1_E.1 FDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140833	1308	-	Additions to TC 8.2.2.4.1_E.1 TDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140834	1309	-	Additions to TC 8.4.1.2.3_E.1 FDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140835	1310	-	Additions to TC 8.4.2.2.3_E.1 TDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140836	1311	-	Additions to TC 8.4.1.2.3_E.2 FDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140837	1312	-	Additions to TC 8.4.2.2.3_E.2 TDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140838	1313	-	Additions to TC 9.2.1.5_E.1 FDD CQI Reporting under AWGN conditions - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140839	1314	-	Additions to TC 9.2.1.6_E.1 TDD CQI Reporting under AWGN conditions - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140840	1315	-	Additions to TC 9.3.1.3.1_E.1 FDD CQI Reporting under fading conditions - PUSCH 3-0 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0

2014-03	RAN#63	R5-140841	1316	-	Additions to TC 9.3.1.3.2_E.1 TDD CQI Reporting under fading conditions - PUSCH 3-0 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140842	1317	-	Additions to TC 9.5.4.1_E FDD RI Reporting - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140843	1318	-	Additions to TC 9.5.4.2_E TDD RI Reporting - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140844	1319	-	Introduction of feICIC to Annex G	12.0.0	12.1.0
2014-03	RAN#63	R5-140845	1361	-	Addition of PHICH demod requirements for fEICIC	12.0.0	12.1.0
2014-03	RAN#63	R5-140846	1320	-	Addition to TC 8.2.2.3.3_E.1 TDD PDSCH Open Loop Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140847	1321	-	Corrections to test configuration notes of CA soft buffer	12.0.0	12.1.0
2014-03	RAN#63	R5-140856	1322	-	Additions to TC 8.2.1.2.3_E.1 FDD PDSCH Transmit diversity 2x2 for feICIC (non-MBFSN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140868	1323	-	Uncertainties and Test Tolerances for Interf_Rej Test case 8.2.1.2.4	12.0.0	12.1.0
2014-03	RAN#63	R5-140877	1324	-	Introduction of TC 9.5.5.1_F.1 FDD RI Reporting with Single CSI process	12.0.0	12.1.0
2014-03	RAN#63	R5-140878	1325	-	Introduction of TC 9.5.5.2_F.1 TDD RI Reporting with Single CSI process	12.0.0	12.1.0
2014-03	RAN#63	R5-140881	1326	-	Addition to TC 8.2.1.3.3_E.1 FDD FDD PDSCH Open Loop Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.0.0	12.1.0
2014-03	RAN#63	R5-140887	1327	-	Correction to eICIC CQI Reporting tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140888	1328	-	eICIC RF: Corrections to requirements, procedure and UL-RMCs for CQI tests	12.0.0	12.1.0
2014-03	RAN#63	R5-140889	1329	-	Addition of TC 8.7.3.1 FDD sustained data rate performance for EPDCCH scheduling	12.0.0	12.1.0
2014-03	RAN#63	R5-140890	1330	-	Addition of TC 8.8.1.1.1 FDD distributed EPDCCH performance	12.0.0	12.1.0
2014-03	RAN#63	R5-140891	1331	-	Addition of TC 8.7.4.1 TDD sustained data rate performance for EPDCCH scheduling	12.0.0	12.1.0
2014-03	RAN#63	R5-140892	1332	-	Addition of TC 8.8.1.2.1 TDD distributed EPDCCH performance	12.0.0	12.1.0
2014-03	RAN#63	R5-140893	1333	-	Addition of TC 8.8.2.1.1 FDD localized EPDCCH performance	12.0.0	12.1.0
2014-03	RAN#63	R5-140894	1334	-	Addition of TC 8.8.2.1.2 FDD EPDCCH localized transmission with TM10 quasi co-location Type-B	12.0.0	12.1.0
2014-03	RAN#63	R5-140895	1335	-	Addition of TC 8.8.2.2.1 TDD localized EPDCCH performance	12.0.0	12.1.0
2014-03	RAN#63	R5-140896	1336	-	Addition of TC 8.8.2.2.2 TDD EPDCCH localized transmission with TM10 quasi co-location Type-B	12.0.0	12.1.0
2014-03	RAN#63	R5-140922	1337	-	Modify Applicability for LTE B14 public safety high power UE test cases	12.0.0	12.1.0
2014-03	RAN#63	R5-141003	1338	-	Addition of FDD CQI Reporting under AWGN conditions - Single CSI Process TC 9.2.4.1	12.0.0	12.1.0
2014-03	RAN#63	R5-141004	1339	-	Addition of TDD CQI Reporting under AWGN conditions - Single CSI Process TC 9.2.4.2	12.0.0	12.1.0
2014-03	RAN#63	R5-141006	1340	-	Addition of TC 8.2.1.7 FDD Carrier Aggregation with power imbalance	12.0.0	12.1.0
2014-03	RAN#63	R5-141007	1341	-	Updates to TC 7.4A.2 for CA_3C	12.0.0	12.1.0

2014-03	RAN#63	R5-141008	1342	-	Addition of TC 9.3.6.1_F FDD CQI Reporting under fading conditions multiple CSI processes for CoMP	12.0.0	12.1.0
2014-03	RAN#63	R5-141009	1343	-	Addition of TC 9.3.6.2_F TDD CQI Reporting under fading conditions multiple CSI processes for CoMP	12.0.0	12.1.0
2014-03	RAN#63	R5-141011	1345	-	Corrections to definition of 20 MHz and 5MHz for minimum output power for CA in 6.3.2A	12.0.0	12.1.0
2014-03	RAN#63	R5-141012	1346	-	Addition of Intra NC CA to chap. 5 and related symbol to chap. 3	12.0.0	12.1.0
2014-03	RAN#63	R5-141016	1347	-	Correction and proposed resolution to TBDs UL CA TCs 6.2.4A and 6.6.3.3A	12.0.0	12.1.0
2014-03	RAN#63	R5-141017	1348	-	Update for CA Rx TCs	12.0.0	12.1.0
2014-03	RAN#63	R5-141018	1349	-	PCC/SCC switching in inter-band CA Rx test cases	12.0.0	12.1.0
2014-03	RAN#63	R5-141026	1350	-	Introduction of new TC 8.3.1.3.2_F FDD PDSCH Performance with DCI format 2D, non Quasi Co-located Antenna Ports, Same Cell ID and multiple NZP CSI-RS resources for CoMP	12.0.0	12.1.0
2014-03	RAN#63	R5-141027	1351	-	Introduction of TC 8.3.1.3.3_F FDD PDSCH Performance with DCI format 2D, non Quasi Co-located Antenna Ports, Different Cell ID, Colliding CRS and single NZP CSI-RS for CoMP	12.0.0	12.1.0
2014-03	RAN#63	R5-141028	1352	-	Addition of new demod scenario for DL COMP - Same Cell ID and single NZP CSI-RS resource	12.0.0	12.1.0
2014-03	RAN#63	R5-141029	1353	-	Corrections to TM9 test to verify correct SNR estimation	12.0.0	12.1.0
2014-03	RAN#63	R5-141038	1354	-	Correction to sustained downlink data rate tests	12.0.0	12.1.0
2014-03	RAN#63	R5-141040	1355	-	Changes to test frequencies in Tx test cases for Band 28	12.0.0	12.1.0
2014-03	RAN#63	R5-141041	1356	-	Updates of Reference sensitivity for Intra-band non-contiguous CA	12.0.0	12.1.0
2014-03	RAN#63	R5-141042	1357	-	Update TC of 7.4A.4 Maximum input level for CA (intra band non-contiguous DL CA without UL CA)	12.0.0	12.1.0
2014-03	RAN#63	R5-141043	1358	-	Update TC of 7.5A.4 Adjacent Channel Selectivity (ACS) for CA (intra band non-contiguous DL CA without UL CA)	12.0.0	12.1.0
2014-03	RAN#63	R5-141044	1359	-	Corrections to maximum output power for multiple transmissions in a subframe	12.0.0	12.1.0
2014-03	RAN#63	R5-141045	1360	-	Correction to test configuration of Maximum input for CA	12.0.0	12.1.0
2014-03	RAN#63	R5-141047	1271	-	eICIC RF: Corrections to TDD PHICH test	12.0.0	12.1.0
2014-06	RAN#64	R5-142069	1362	-	LTE Type A performance requirements - adding TC 8.2.1.4.3 into annex F and G	12.1.0	12.2.0
2014-06	RAN#64	R5-142071	1363	-	Addition of connection diagram references to LTE Type A performance tests	12.1.0	12.2.0
2014-06	RAN#64	R5-142072	1364	-	Addition of connection diagram references to LTE Type A CSI tests	12.1.0	12.2.0
2014-06	RAN#64	R5-142111	1365	-	Addition of CA 3A-28A to 36.521-1 Chapter 6	12.1.0	12.2.0
2014-06	RAN#64	R5-142112	1366	-	Addition of CA 3A-28A to 36.521-1 Chapter 7	12.1.0	12.2.0
2014-06	RAN#64	R5-142172	1367	-	Addition of TC 6.2.2A.1 for CA_39C	12.1.0	12.2.0
2014-06	RAN#64	R5-142176	1368	-	Corrections to configured transmitted power for CA	12.1.0	12.2.0
2014-06	RAN#64	R5-142177	1369	-	Corrections to OCNG pattern	12.1.0	12.2.0
2014-06	RAN#64	R5-142295	1370	-	Updates of 6.2.5 Delta TIB for CA_3A-26A and CA_3A-27A	12.1.0	12.2.0
2014-06	RAN#64	R5-142296	1371	-	Updates of 7.3.3 Delta RIB for CA_3A-26A and CA_3A-27A	12.1.0	12.2.0

2014-06	RAN#64	R5-142307	1372	-	RF: Corrections to spurious emission requirements with NS different than NS_01	12.1.0	12.2.0
2014-06	RAN#64	R5-142309	1373	-	RF: Editorial corrections to the annexes	12.1.0	12.2.0
2014-06	RAN#64	R5-142312	1374	-	CA RF: Several corrections to some Tx tests	12.1.0	12.2.0
2014-06	RAN#64	R5-142317	1375	-	eICIC RF: Corrections to RI performance tests	12.1.0	12.2.0
2014-06	RAN#64	R5-142343	1376	-	Addition of LTE CA_39A-41A into Table 6.2.5.3-2	12.1.0	12.2.0
2014-06	RAN#64	R5-142366	1377	-	Update of TC 8.7.4.1 TDD sustained data rate performance for EPDCCH scheduling	12.1.0	12.2.0
2014-06	RAN#64	R5-142372	1378	-	Update of TC 8.8.2.1.2 FDD EPDCCH localized transmission with TM10 quasi co-location Type-B	12.1.0	12.2.0
2014-06	RAN#64	R5-142376	1379	-	Update of TC 8.8.2.2.2 TDD EPDCCH localized transmission with TM10 quasi co-location Type-B	12.1.0	12.2.0
2014-06	RAN#64	R5-142384	1380	-	Update of TC 9.3.6.1_F FDD CQI Reporting under fading conditions multiple CSI processes for CoMP	12.1.0	12.2.0
2014-06	RAN#64	R5-142387	1381	-	Update overview of DL reference measurement channels for EPDCCH	12.1.0	12.2.0
2014-06	RAN#64	R5-142391	1382	-	Uncertainties and Test Tolerances for Enhanced Performance Requirement Type A 9.3.5.1.1 and 9.3.5.1.2 CQI Test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-142393	1383	-	Test Tolerances for eICIC 9.2.x CQI Test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-142394	1384	-	Correction of the test cases 8.2.1.2.2 and 8.2.1.2.2_1	12.1.0	12.2.0
2014-06	RAN#64	R5-142420	1386	-	Corrections to Annex G.5.4	12.1.0	12.2.0
2014-06	RAN#64	R5-142444	1387	-	Introduction of transmission mode 10 in precoder update granularity in FDD and TDD common test parameters	12.1.0	12.2.0
2014-06	RAN#64	R5-142446	1388	-	Introduction of new TC 8.3.2.4.2_F TDD PDSCH Performance with DCI format 2D, non Quasi Co-located Antenna Ports, Same Cell ID and multiple NZP CSI-RS resources for CoMP	12.1.0	12.2.0
2014-06	RAN#64	R5-142449	1389	-	Introduction of TC 8.3.2.4.3_F TDD PDSCH Performance with DCI format 2D, non Quasi Co-located Antenna Ports, Different Cell ID, Colliding CRS and single NZP CSI-RS for CoMP	12.1.0	12.2.0
2014-06	RAN#64	R5-142515	1390	-	Corrections to MBMS performance test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-142576	1391	-	Update UE Transmit OFF power for CA _39C (intra-band contiguous DL CA and UL CA)	12.1.0	12.2.0
2014-06	RAN#64	R5-142588	1392	-	Remove the square bracket in TC 8.3.1.3.2_F and TC 8.3.1.3.3_F	12.1.0	12.2.0
2014-06	RAN#64	R5-142590	1393	-	Uncertainties and Test Tolerances for eICIC PDCCH/PCFICH and PHICH demodulation tests	12.1.0	12.2.0
2014-06	RAN#64	R5-142596	1394	-	Addition of message exception for PHICH duration	12.1.0	12.2.0
2014-06	RAN#64	R5-142597	1515	-	Correction to eICIC CSI tests	12.1.0	12.2.0
2014-06	RAN#64	R5-142601	1395	-	Correction to title in feICIC PDSCH demodulation tests	12.1.0	12.2.0
2014-06	RAN#64	R5-142605	1396	-	Correction to measurement bandwidth in 6.6.2.1A.1	12.1.0	12.2.0
2014-06	RAN#64	R5-142616	1399	-	Correction to MBMS performance	12.1.0	12.2.0
2014-06	RAN#64	R5-142672	1400	-	Correction to in-band blocking requirements	12.1.0	12.2.0
2014-06	RAN#64	R5-142676	1401	-	Correction to 6.6.2.1A test environment	12.1.0	12.2.0
2014-06	RAN#64	R5-142692	1402	-	Correction to 8.2.2.1.1_1 and 8.2.2.2.1_1 applicability	12.1.0	12.2.0
2014-06	RAN#64	R5-142697	1403	-	36.521-1: Corrections to section 7.3A	12.1.0	12.2.0

2014-06	RAN#64	R5-142701	1404	-	Introduction of NC CA TC 7.7A.4	12.1.0	12.2.0
2014-06	RAN#64	R5-142703	1405	-	Uncertainties and Derivation of Test Requirements for TCs 7.6.xA.4 and 7.7A.4	12.1.0	12.2.0
2014-06	RAN#64	R5-142710	1406	-	36-521-1: Clarification on Averaged EVM for PRACH	12.1.0	12.2.0
2014-06	RAN#64	R5-142749	1407	-	Correction to CA band combo CA_3A-5A	12.1.0	12.2.0
2014-06	RAN#64	R5-142750	1408	-	Verification of exceptions of REFSENS requirements for carrier aggregation	12.1.0	12.2.0
2014-06	RAN#64	R5-142771	1409	-	Addition of CA_2A-4A and CA_5A-7A to 36.521-1 Chapter 7	12.1.0	12.2.0
2014-06	RAN#64	R5-143003	1410	-	36.521-1: Editorial correction on 6.6.3.3 Initial conditions for NS_19	12.1.0	12.2.0
2014-06	RAN#64	R5-143004	1411	-	36.521-1: Editorial correction on 6.6.2.2B test requirements for NS_06 or NS_07	12.1.0	12.2.0
2014-06	RAN#64	R5-143005	1412	-	Correction for CA_4A-12A uplink configuration in inter-band CA reference sensitivity	12.1.0	12.2.0
2014-06	RAN#64	R5-143006	1413	-	CA RF: Clarification of test parameters and requirements for Inter-band CA Rx tests	12.1.0	12.2.0
2014-06	RAN#64	R5-143007	1414	-	Corrections to SNR test for TM9 minimum requirements	12.1.0	12.2.0
2014-06	RAN#64	R5-143008	1415	-	Correction to ACK NAK Reporting mode for TDD CA test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-143009	1416	-	Addition of TC 8.2.1.1.1_2 and 8.2.2.1.1_2	12.1.0	12.2.0
2014-06	RAN#64	R5-143010	1417	-	Correction of FDD PDSCH Open Loop Spatial Multiplexing 2x2 for CA test cases of TCs 8.2.1.3.1_A.2 and 8.2.1.3.1_A.2_1	12.1.0	12.2.0
2014-06	RAN#64	R5-143011	1418	-	Updates to 8.2.1.3 FDD PDSCH Open Loop Spatial Multiplexing 2x2 related test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-143012	1419	-	Updates to 8.2.2.3 TDD PDSCH Open Loop Spatial Multiplexing 2x2 related test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-143013	1420	-	36.521-1: Editorial correction on 8.2.1.4.2_A.2 message contents	12.1.0	12.2.0
2014-06	RAN#64	R5-143014	1421	-	Clarification the minimum conformance requirement and test parameter for 8.2.1.3.3_C1 and 8.2.1.3.3_C2 test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-143015	1422	-	Correction to minimum test time for eICIC tests	12.1.0	12.2.0
2014-06	RAN#64	R5-143025	1423	-	LTE Type A performance requirements - Introduction of the new test case 8.2.1.4.3	12.1.0	12.2.0
2014-06	RAN#64	R5-143026	1424	-	Test Tolerances for eICIC 9.5.x RI Test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-143027	1425	-	Uncertainties and Test Tolerances for EPDCCH 8.8.1.x demodulation Test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-143031	1426	-	Update to operating bands for CA	12.1.0	12.2.0
2014-06	RAN#64	R5-143032	1427	-	Update to channel bandwidths for CA	12.1.0	12.2.0
2014-06	RAN#64	R5-143033	1428	-	Update to TC 6.3.2A.1 for CA_39C	12.1.0	12.2.0
2014-06	RAN#64	R5-143034	1429	-	Updates of 7.3A.3 Refsens for CA_3A-26A and CA_3A-27A	12.1.0	12.2.0
2014-06	RAN#64	R5-143035	1430	-	Addition of CA band Combo CA_2A-13A	12.1.0	12.2.0
2014-06	RAN#64	R5-143036	1431	-	Addition of CA_39A-41A to Refsens in chap.7	12.1.0	12.2.0
2014-06	RAN#64	R5-143037	1432	-	Updates to Chap.5 for CA_27B	12.1.0	12.2.0
2014-06	RAN#64	R5-143038	1433	-	Addition of CA_2A-4A and CA_5A-7A to 36.521-1 Clause 6	12.1.0	12.2.0

2014-06	RAN#64	R5-143039	1434	-	TC 8.2.1.3.3_E.1 FDD PDSCH Open Loop Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143040	1435	-	TC 8.2.2.3.3_E.1 TDD PDSCH Open Loop Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143041	1436	-	Corrections applicability statement including UE category for feICIC	12.1.0	12.2.0
2014-06	RAN#64	R5-143042	1437	-	Additions to TC 8.2.1.2.3_E.1 FDD PDSCH Transmit diversity 2x2 for feICIC (non-MBFSN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143043	1438	-	Additions to TC 8.2.2.2.3_E.1 TDD PDSCH Transmit diversity 2x2 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143044	1439	-	Additions to TC 8.2.1.4.1_E.1 FDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143045	1440	-	Additions to TC 8.2.2.4.1_E.1 TDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143046	1441	-	Additions to TC 9.2.1.5_E.1 FDD CQI Reporting under AWGN conditions - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143047	1442	-	Additions to TC 9.2.1.6_E.1 TDD CQI Reporting under AWGN conditions - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143048	1443	-	Additions to TC 9.3.1.3.1_E.1 FDD CQI Reporting under fading conditions - PUSCH 3-0 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143049	1444	-	Additions to TC 9.3.1.3.2_E.1 TDD CQI Reporting under fading conditions - PUSCH 3-0 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143050	1445	-	Additions to TC 9.5.4.1_E.1 FDD RI Reporting - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143051	1446	-	Additions to TC 9.5.4.2_E.1 TDD RI Reporting - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143052	1447	-	Additions to Reporting of Channel State Information feICIC Test Cases to Annex F	12.1.0	12.2.0
2014-06	RAN#64	R5-143076	1448	-	Update of TC 9.3.6.2_F TDD CQI Reporting under fading conditions multiple CSI processes for CoMP	12.1.0	12.2.0
2014-06	RAN#64	R5-143077	1449	-	Correction parameter and reference table number in test case 8.3.2.4.1_F	12.1.0	12.2.0
2014-06	RAN#64	R5-143079	1450	-	Update of TC 8.7.3.1 FDD sustained data rate performance for EPDCCH scheduling	12.1.0	12.2.0
2014-06	RAN#64	R5-143080	1451	-	Addition of TC 8.8.3.1 FDD Localized transmission with TM10 Type B quasi co-location type	12.1.0	12.2.0
2014-06	RAN#64	R5-143081	1452	-	Addition of TC 8.8.3.2 TDD Localized transmission with TM10 Type B quasi co-location type	12.1.0	12.2.0
2014-06	RAN#64	R5-143082	1453	-	Update initial condition and test requirement in test case 8.7.1.1_A.2_1 for two 15MHz CCs	12.1.0	12.2.0
2014-06	RAN#64	R5-143097	1454	-	Addition of message content exception in eICIC performance tests with MBSFN ABS	12.1.0	12.2.0
2014-06	RAN#64	R5-143098	1455	-	Additions to TC 8.4.1.2.3_E.1 FDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143099	1456	-	Additions to TC 8.4.2.2.3_E.1 TDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143100	1457	-	Additions to TC 8.4.2.2.3_E.2 TDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (MBSFN ABS)	12.1.0	12.2.0

2014-06	RAN#64	R5-143101	1458	-	Additions to Demodulation feICIC Test Cases to Annex F	12.1.0	12.2.0
2014-06	RAN#64	R5-143104	1459	-	Introduction of TC 8.2.2.4.2_A.3 TDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4 x 2 for CA	12.1.0	12.2.0
2014-06	RAN#64	R5-143105	1460	-	Updates to Refsens for Intra-band non-contiguous CA	12.1.0	12.2.0
2014-06	RAN#64	R5-143106	1461	-	Correction of interference rejection test cases TC 8.2.2.4.3	12.1.0	12.2.0
2014-06	RAN#64	R5-143107	1462	-	Correction to eICIC PDSCH demodulation tests	12.1.0	12.2.0
2014-06	RAN#64	R5-143113	1463	-	Introduction of TC 8.2.2.1.1_A.3 TDD PDSCH Single Antenna Port Performance for CA	12.1.0	12.2.0
2014-06	RAN#64	R5-143114	1464	-	Additions to TC 8.4.1.2.3_E.2 FDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (MBSFN ABS)	12.1.0	12.2.0
2014-06	RAN#64	R5-143115	1465	-	Update of TC 8.8.1.1 FDD distributed EPDCCH performance	12.1.0	12.2.0
2014-06	RAN#64	R5-143116	1466	-	Update of TC 8.8.2.1 FDD localized transmission with TM9	12.1.0	12.2.0
2014-06	RAN#64	R5-143117	1467	-	Update of TC 8.8.2.2 TDD localized transmission with TM9	12.1.0	12.2.0
2014-06	RAN#64	R5-143118	1468	-	Update sections of A.3.9 and A.3.10 reference channel for EPDCCH test	12.1.0	12.2.0
2014-06	RAN#64	R5-143129	1469	-	Addition of FDD CQI Reporting under AWGN conditions - PUCCH 1-0 for CA (intra band non-contiguous DL CA) TC 9.6.1.1_A.3	12.1.0	12.2.0
2014-06	RAN#64	R5-143130	1470	-	Addition of TDD CQI Reporting under AWGN conditions - PUCCH 1-0 for CA (intra band non-contiguous DL CA) TC 9.6.1.2_A.3	12.1.0	12.2.0
2014-06	RAN#64	R5-143131	1471	-	Addition of TC 6.2.4A.1 for CA_39C	12.1.0	12.2.0
2014-06	RAN#64	R5-143133	1472	-	Update additional spurious emissions for CA_38C (intra-band contiguous DL CA and UL CA)	12.1.0	12.2.0
2014-06	RAN#64	R5-143134	1473	-	Update In-band blocking for CA_39C (intra-band contiguous DL CA and UL CA)	12.1.0	12.2.0
2014-06	RAN#64	R5-143135	1474	-	Update Out-of-band blocking for CA_39C (intra-band contiguous DL CA and UL CA)	12.1.0	12.2.0
2014-06	RAN#64	R5-143136	1475	-	Update Reference sensitivity level for CA_39C (intra-band contiguous DL CA and UL CA)	12.1.0	12.2.0
2014-06	RAN#64	R5-143137	1476	-	RF: Corrections to CSI RMCs	12.1.0	12.2.0
2014-06	RAN#64	R5-143138	1477	-	CA RF: Corrections to CQI performance tests	12.1.0	12.2.0
2014-06	RAN#64	R5-143140	1478	-	CA RF: Corrections to performance test with power imbalance (Class C)	12.1.0	12.2.0
2014-06	RAN#64	R5-143141	1479	-	Correction of test case 8.2.1.1.1_1	12.1.0	12.2.0
2014-06	RAN#64	R5-143142	1480	-	Correction of the test applicability for test cases 8.2.1.1.1_A.2, 8.2.1.3.1_A.1, 8.2.1.3.1_A.2 and 8.2.1.4.2_A.2	12.1.0	12.2.0
2014-06	RAN#64	R5-143143	1481	-	Correction of the test applicability of the test cases 8.2.1.1.1_A.1, 8.2.1.4.2_A.1, 8.2.2.1.1_A.1 and 8.2.2.4.2_A.1	12.1.0	12.2.0
2014-06	RAN#64	R5-143144	1482	-	Correction of the applicability for the test case 8.7.1.1	12.1.0	12.2.0
2014-06	RAN#64	R5-143146	1483	-	Addition of TC 9.5.5.1_F.2 FDD RI Reporting with Multiple CSI processes for CoMP	12.1.0	12.2.0
2014-06	RAN#64	R5-143147	1484	-	Addition of TC 9.5.5.2_F.2 TDD RI Reporting with Multiple CSI processes for CoMP	12.1.0	12.2.0
2014-06	RAN#64	R5-143148	1485	-	Clarification of test parameters for eICIC PDCCH performance tests	12.1.0	12.2.0

2014-06	RAN#64	R5-143149	1486	-	Correction to Intra-band CA uplink configuration for reference sensitivity	12.1.0	12.2.0
2014-06	RAN#64	R5-143151	1487	-	Correction to CQI reference measurement channels	12.1.0	12.2.0
2014-06	RAN#64	R5-143154	1488	-	Introduction of NC CA TC 7.6.1A.4	12.1.0	12.2.0
2014-06	RAN#64	R5-143155	1489	-	Introduction of NC CA TC 7.6.2A.4	12.1.0	12.2.0
2014-06	RAN#64	R5-143156	1490	-	Introduction of NC CA TC 7.6.3A.4	12.1.0	12.2.0
2014-06	RAN#64	R5-143161	1491	-	Update Spurious emission band UE co-existence for CA_39C (intra-band contiguous DL CA and UL CA)	12.1.0	12.2.0
2014-06	RAN#64	R5-143162	1492	-	Update additional spurious emissions for CA_39C (intra-band contiguous DL CA and UL CA)	12.1.0	12.2.0
2014-06	RAN#64	R5-143163	1493	-	Updates to TC 7.3A.2 Reference sensitivity level for CA_27B	12.1.0	12.2.0
2014-06	RAN#64	R5-143164	1494	-	Updates to TC 7.4A.2 maximum input level for intra-band contiguous CA for CA_27B	12.1.0	12.2.0
2014-06	RAN#64	R5-143165	1495	-	Updates to TC 7.5A.2 ACS for CA_27B	12.1.0	12.2.0
2014-06	RAN#64	R5-143166	1496	-	Updates to 7.6.1A.2 IBB for CA of CA_27B	12.1.0	12.2.0
2014-06	RAN#64	R5-143167	1497	-	Updates to TC 7.6.2A.2 OOB for CA of CA_27B	12.1.0	12.2.0
2014-06	RAN#64	R5-143168	1498	-	Updates to TC 7.6.3A.2 Narrow band blocking for CA_27B	12.1.0	12.2.0
2014-06	RAN#64	R5-143169	1499	-	Updates to TC 7.7A.2 Spurious response for CA_27B	12.1.0	12.2.0
2014-06	RAN#64	R5-143170	1500	-	Updates to TC 7.8.1A.2 Wideband intermodulation for CA_27B	12.1.0	12.2.0
2014-06	RAN#64	R5-143175	1502	-	Updates to 8.7.2.1 TDD sustained data rate performance related test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-143178	1504	-	Additions to TC 9.5.5.1_F.1 FDD RI Reporting with Single CSI process	12.1.0	12.2.0
2014-06	RAN#64	R5-143179	1505	-	Additions to TC 9.5.5.2_F.1 TDD RI Reporting with Single CSI process	12.1.0	12.2.0
2014-06	RAN#64	R5-143181	1506	-	Splitting of FDD CA TM3 and soft buffer management tests	12.1.0	12.2.0
2014-06	RAN#64	R5-143182	1507	-	Removal of soft buffer test points from FDD TM3 test cases in 8.2.1.3.1 and move to new soft buffer test cases in section 8.2.1.3.1A	12.1.0	12.2.0
2014-06	RAN#64	R5-143183	1508	-	Splitting of TDD CA TM3 and soft buffer management tests	12.1.0	12.2.0
2014-06	RAN#64	R5-143184	1509	-	Removal of soft buffer test points from TDD TM3 test cases in 8.2.2.3.1 and move to new soft buffer test case in section 8.2.2.3.1A	12.1.0	12.2.0
2014-06	RAN#64	R5-143188	1512	-	Addition of TC 8.2.2.7 TDD Carrier Aggregation with power imbalance	12.1.0	12.2.0
2014-06	RAN#64	R5-143189	1513	-	Corrections to test case 8.2.1.4.2_1, 8.2.2.4.1_1, and 8.2.2.4.2_1	12.1.0	12.2.0
2014-06	RAN#64	R5-143190	1514	-	Uncertainties and Test Tolerances for CoMP Test case 8.3.1.3.2_F	12.1.0	12.2.0
2014-06	RAN#64	R5-143203	1385	-	Throughput calculation for eICIC demodulation requirements	12.1.0	12.2.0
2014-06	RAN#64	R5-143204	1503	-	Correction to eICIC TDD RI requirements	12.1.0	12.2.0
2014-06	RAN#64	R5-143205	1510	-	Updates to 8.7.1.1_A FDD sustained data rate performance for CA related test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-143206	1511	-	Updates to 8.7.2.1_A TDD sustained data rate performance for CA related test cases	12.1.0	12.2.0

2014-06	RAN#64	R5-143207	1397	-	Correction to CA Rx test cases	12.1.0	12.2.0
2014-06	RAN#64	R5-143208	1398	-	Correction to call setup in 8.7.1 and 8.7.2	12.1.0	12.2.0
2014-06	RAN#64	R5-143216	1501	-	Updates to 8.7.1.1 FDD sustained data rate performance related test cases	12.1.0	12.2.0
2014-09	RAN#65	R5-144068	1516	-	Uncertainties and test tolerances for test case 8.2.2.2.4	12.2.0	12.3.0
2014-09	RAN#65	R5-144072	1517	-	Uncertainties and test tolerances for test case 8.3.1.1.3	12.2.0	12.3.0
2014-09	RAN#65	R5-144074	1518	-	Uncertainties and test tolerances for test case 8.3.2.1.4	12.2.0	12.3.0
2014-09	RAN#65	R5-144086	1519	-	Corrections to TC 8.2.2.1.1_A.3 TDD PDSCH Single Antenna Port Performance for CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144087	1520	-	Corrections to TC 8.2.2.4.2_A.3 TDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4 x 2 for CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144088	1521	-	Test Tolerances to Annex F for TC 8.2.2.1.1_A.3 and TC 8.2.2.4.2_A.3	12.2.0	12.3.0
2014-09	RAN#65	R5-144093	1522	-	Test Tolerances for TC 9.5.5.1_F.1 FDD RI Reporting with Single CSI process	12.2.0	12.3.0
2014-09	RAN#65	R5-144094	1523	-	Test Tolerances for TC 9.5.5.2_F.1 TDD RI Reporting with Single CSI process	12.2.0	12.3.0
2014-09	RAN#65	R5-144095	1524	-	Addition of OCNG pattern for TM10	12.2.0	12.3.0
2014-09	RAN#65	R5-144096	1525	-	Uncertainties and Test Tolerances for TC 9.5.5.1_F.1+9.5.5.2_F.1 in Annex F	12.2.0	12.3.0
2014-09	RAN#65	R5-144098	1526	-	Test Tolerances for TC 8.2.1.4.1_E.1 FDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144099	1527	-	Test Tolerances for TC 8.2.2.4.1_E.1 TDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144101	1528	-	Test Tolerances for TC 8.4.1.2.3_E.1 FDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144102	1529	-	Test Tolerances for TC 8.4.2.2.3_E.1 TDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144104	1530	-	Test Tolerances for TC 8.4.1.2.3_E.2 FDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144105	1531	-	Test Tolerances for TC 8.4.2.2.3_E.2 TDD PCFICH/PDCCH Transmit Diversity 2x2 for feICIC (MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144107	1532	-	Uncertainties and Test Tolerances to Annex F for Demodulation feICIC	12.2.0	12.3.0
2014-09	RAN#65	R5-144111	1533	-	Test Tolerances for TC 9.2.1.5_E.1 FDD CQI Reporting under AWGN conditions - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144112	1534	-	Test Tolerances for TC 9.2.1.6_E.1 TDD CQI Reporting under AWGN conditions - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144114	1535	-	Test Tolerances for TC 9.3.1.3.1_E.1 FDD CQI Reporting under fading conditions - PUSCH 3-0 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144115	1536	-	Test Tolerances for TC 9.3.1.3.2_E.1 TDD CQI Reporting under fading conditions - PUSCH 3-0 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144117	1537	-	Test Tolerances for TC 9.5.4.1_E.1 FDD RI Reporting - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0

2014-09	RAN#65	R5-144118	1538	-	Test Tolerances for TC 9.5.4.2_E.1 TDD RI Reporting - PUCCH 1-0 for feICIC (non-MBSFN ABS)	12.2.0	12.3.0
2014-09	RAN#65	R5-144120	1539	-	Uncertainties and Test Tolerances to Annex F for Reporting of Channel State Information feICIC	12.2.0	12.3.0
2014-09	RAN#65	R5-144122	1540	-	Message contents updates for CSI feICIC test cases	12.2.0	12.3.0
2014-09	RAN#65	R5-144123	1541	-	Corrections to Annex G for feICIC	12.2.0	12.3.0
2014-09	RAN#65	R5-144173	1542	-	RF: Corrections to spurious emission band co-existence test	12.2.0	12.3.0
2014-09	RAN#65	R5-144174	1543	-	RF: Missing test coverage for Band 31	12.2.0	12.3.0
2014-09	RAN#65	R5-144176	1544	-	IR RF: Correction to TCs 8.3.1.1.3 and 8.3.2.1.4	12.2.0	12.3.0
2014-09	RAN#65	R5-144244	1545	-	Correction of clause 6.2.4.5 in 36.521-1	12.2.0	12.3.0
2014-09	RAN#65	R5-144248	1546	-	Addition of operating band 30 to TS 36.521-1, clause 5	12.2.0	12.3.0
2014-09	RAN#65	R5-144283	1547	-	Add static propagation condition matrix for 1 x 2	12.2.0	12.3.0
2014-09	RAN#65	R5-144299	1548	-	Update of TC 8.3.1.3.2_F CoMP	12.2.0	12.3.0
2014-09	RAN#65	R5-144300	1549	-	Update of TC 8.3.1.3.3_F CoMP	12.2.0	12.3.0
2014-09	RAN#65	R5-144301	1550	-	Update of TC 8.3.2.4.2_F CoMP	12.2.0	12.3.0
2014-09	RAN#65	R5-144302	1551	-	Update of TC 8.3.2.4.3_F CoMP	12.2.0	12.3.0
2014-09	RAN#65	R5-144310	1552	-	Update minimum requirements and test tolerance for TC 8.7.3.1	12.2.0	12.3.0
2014-09	RAN#65	R5-144311	1553	-	Update minimum requirements and test tolerance for TC 8.7.4.1	12.2.0	12.3.0
2014-09	RAN#65	R5-144312	1554	-	Update minimum requirements and test tolerance for TC 8.8.2.1	12.2.0	12.3.0
2014-09	RAN#65	R5-144313	1555	-	Update minimum requirements and test tolerance for TC 8.8.2.2	12.2.0	12.3.0
2014-09	RAN#65	R5-144347	1556	-	Correction to Inter-band CA operating bands	12.2.0	12.3.0
2014-09	RAN#65	R5-144352	1557	-	Correction to eICIC performance test cases	12.2.0	12.3.0
2014-09	RAN#65	R5-144353	1558	-	Correction to UL/DL configuration in CQI requirements	12.2.0	12.3.0
2014-09	RAN#65	R5-144393	1559	-	RF: Corrections to A-MPR test requirements	12.2.0	12.3.0
2014-09	RAN#65	R5-144416	1560	-	Update configurations of CA_39C in A-MPR for CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144420	1561	-	Update configurations of CA_39C in Additional spurious emissions for CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144436	1562	-	Update of test applicabilities for TDD PDSCH Transmit Diversity	12.2.0	12.3.0
2014-09	RAN#65	R5-144439	1563	-	Update of test applicability for TDD PDSCH Transmit Diversity 4x2	12.2.0	12.3.0
2014-09	RAN#65	R5-144441	1564	-	Update test applicabilities for TDD interference rejection test cases	12.2.0	12.3.0
2014-09	RAN#65	R5-144474	1565	-	Updates to TC 8.7.2.1 and 8.7.2.1_1 for TDD SDR	12.2.0	12.3.0
2014-09	RAN#65	R5-144766	1567	-	Correction to CA Rx Blocking TCs	12.2.0	12.3.0
2014-09	RAN#65	R5-144775	1568	-	Correction of the ePDCCH TCs for applying default parameter	12.2.0	12.3.0
2014-09	RAN#65	R5-144787	1566	-	Addition of new TC 8.2.1.3.1_A.3 FDD PDSCH Open Loop Spatial Multiplexing 2x2 for intra-band NC DL CA	12.2.0	12.3.0

2014-09	RAN#65	R5-144801	1569	-	Removal of TBDs in Clause 6.2.4A.1 (A-MPR for UL intra-band cont. CA), CA_NS_02 and 03, correction of Test Requirements	12.2.0	12.3.0
2014-09	RAN#65	R5-144802	1570	-	Correction to in-band blocking for CA requirements	12.2.0	12.3.0
2014-09	RAN#65	R5-144803	1571	-	Corrections to TM9 SNR requirements for eDL-MIMO	12.2.0	12.3.0
2014-09	RAN#65	R5-144804	1572	-	Addition of exception message for TDD MBMS	12.2.0	12.3.0
2014-09	RAN#65	R5-144805	1573	-	RF: Corrections to sustained data rate tests	12.2.0	12.3.0
2014-09	RAN#65	R5-144806	1574	-	Correction of TDD CQI Reporting under AWGN conditions - PUCCH 1-0 for CA (intra band contiguous DL CA) TC 9.6.1.2_A.1	12.2.0	12.3.0
2014-09	RAN#65	R5-144807	1575	-	Correction of TDD CQI Reporting under AWGN conditions - PUCCH 1-0 for CA (intra band non-contiguous DL CA) TC 9.6.1.2_A.3	12.2.0	12.3.0
2014-09	RAN#65	R5-144808	1576	-	Correction to the test cases 8.3.2.1.1, 8.3.2.1.2, 8.3.2.1.3 and 8.3.2.2.1	12.2.0	12.3.0
2014-09	RAN#65	R5-144809	1577	-	Correction to RF General section on CA configurations	12.2.0	12.3.0
2014-09	RAN#65	R5-144814	1578	-	Update TC 9.3.6.1_F FDD CQI Reporting under fading conditions multiple CSI processes for CoMP	12.2.0	12.3.0
2014-09	RAN#65	R5-144815	1579	-	Update TC 9.3.6.2_F TDD CQI Reporting under fading conditions multiple CSI processes for CoMP	12.2.0	12.3.0
2014-09	RAN#65	R5-144817	1580	-	Addition of CoMP AWGN CQI Tests to Test Requirements Derivation in Annex F	12.2.0	12.3.0
2014-09	RAN#65	R5-144818	1581	-	Update minimum requirements and test tolerance for TC 8.8.3.1	12.2.0	12.3.0
2014-09	RAN#65	R5-144819	1582	-	Update minimum requirements and test tolerance for TC 8.8.3.2	12.2.0	12.3.0
2014-09	RAN#65	R5-144820	1583	-	Uncertainties and test tolerances for test cases 8.2.1.3.3_E.1 and 8.2.2.3.3_E.1	12.2.0	12.3.0
2014-09	RAN#65	R5-144821	1584	-	Uncertainties and Test Tolerances for feICIC Test cases 8.2.1.2.3_E.1 and 8.2.2.2.3_E.1.	12.2.0	12.3.0
2014-09	RAN#65	R5-144822	1585	-	Uncertainties and test tolerances for test case 8.2.2.4.3	12.2.0	12.3.0
2014-09	RAN#65	R5-144824	1586	-	Uncertainties and test tolerances for test cases 9.3.5.2.1 and 9.3.5.2.2	12.2.0	12.3.0
2014-09	RAN#65	R5-144826	1587	-	eICIC Test Tolerance references to TS 36.904	12.2.0	12.3.0
2014-09	RAN#65	R5-144827	1588	-	Addition of CA aQI Tests to Test Requirements Derivation in Annex F	12.2.0	12.3.0
2014-09	RAN#65	R5-144828	1589	-	ePDCCH RF: Corrections to sustained data rate tests	12.2.0	12.3.0
2014-09	RAN#65	R5-144836	1590	-	Update to CoMP test case 9.5.5.1_F.2 and 9.5.5.2_F.2	12.2.0	12.3.0
2014-09	RAN#65	R5-144839	1591	-	New CA band combination CA_NC_42 and CA_4-27-Update to 36.521-1 Chapter 6	12.2.0	12.3.0
2014-09	RAN#65	R5-144840	1592	-	New CA band combination CA_NC_42 and CA_4-27-Update to 36.521-1 Chapter 7	12.2.0	12.3.0
2014-09	RAN#65	R5-144841	1593	-	Addition of CA band Combo CA_7A-28A	12.2.0	12.3.0
2014-09	RAN#65	R5-144842	1594	-	Addition of CA_2A-2A to 36.521-1	12.2.0	12.3.0
2014-09	RAN#65	R5-144844	1595	-	Existing CA band combination CA_3A-28A update to 36.521-1 7.3	12.2.0	12.3.0
2014-09	RAN#65	R5-144845	1596	-	Addition of new CA band combo CA_2A-5A to 36.521-1	12.2.0	12.3.0

2014-09	RAN#65	R5-144859	1597	-	New TC: TDD CQI Reporting under AWGN conditions - PUCCH 1-0 for CA (inter band DL CA)	12.2.0	12.3.0
2014-09	RAN#65	R5-144873	1599	-	Correction of clause 6.3.4.1.4 in 36.521-1	12.2.0	12.3.0
2014-09	RAN#65	R5-144874	1600	-	Removal of transition period for Band 28 test frequency definition	12.2.0	12.3.0
2014-09	RAN#65	R5-144875	1601	-	Clarification of tables used in TDD Intra band non-contiguous DL CA TCs	12.2.0	12.3.0
2014-09	RAN#65	R5-144876	1602	-	Introduction of new Wideband Intermodulation test for Intra-band NC CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144879	1603	-	New CA band combination CA_NC_42 and CA_4-27-Update to 36.521-1 Chapter 5	12.2.0	12.3.0
2014-09	RAN#65	R5-144880	1604	-	Update reference sensitivity level for CA (intra-band contiguous DL CA without UL CA)	12.2.0	12.3.0
2014-09	RAN#65	R5-144881	1605	-	Update In-band blocking for CA (intra-band contiguous DL CA without UL CA)	12.2.0	12.3.0
2014-09	RAN#65	R5-144891	1606	-	CA RF: Adopting test frequencies selection to the new structure proposed for TS 36.508	12.2.0	12.3.0
2014-09	RAN#65	R5-144894	1607	-	Corrections to 8.3.1.2.1_D_1 FDD PDSCH Dual-layer Spatial Multiplexing for eDL-MIMO (Release 11 and forward)	12.2.0	12.3.0
2014-09	RAN#65	R5-144895	1608	-	Corrections to 8.3.2.2.1_D_1 TDD PDSCH Dual-layer Spatial Multiplexing for eDL-MIMO (Release 11 and forward)	12.2.0	12.3.0
2014-09	RAN#65	R5-144896	1609	-	Correct errors in TDD PDSCH Single Antenna Port Performance test case	12.2.0	12.3.0
2014-09	RAN#65	R5-144897	1610	-	Separation of minimum requirements for CA UE PDSCH demodulation from single carrier	12.2.0	12.3.0
2014-09	RAN#65	R5-144898	1611	-	Introduction of FDD CQI Reporting under AWGN conditions - PUCCH 1-0 for CA (intra band contiguous DL CA) TC 9.6.1.1_A.1	12.2.0	12.3.0
2014-09	RAN#65	R5-144899	1612	-	Correction of FDD CQI Reporting under AWGN conditions - PUCCH 1-0 for CA (inter band DL CA) TC 9.6.1.1_A.2	12.2.0	12.3.0
2014-09	RAN#65	R5-144900	1613	-	Correction of FDD CQI Reporting under AWGN conditions - PUCCH 1-0 for CA (intra band non-contiguous DL CA) TC 9.6.1.1_A.3	12.2.0	12.3.0
2014-09	RAN#65	R5-144901	1614	-	Updates to 8.2.1.4.2_A.1/A.2 FDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for CA related test cases	12.2.0	12.3.0
2014-09	RAN#65	R5-144902	1615	-	Updates to 8.2.2.3.1_A TDD PDSCH Open Loop Spatial Multiplexing 2x2 for CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144903	1616	-	Updates to 8.2.2.4.2_A TDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144904	1617	-	Updates to 8.2.2.3.1 TDD PDSCH Open Loop Spatial Multiplexing 2x2	12.2.0	12.3.0
2014-09	RAN#65	R5-144905	1618	-	Updates to 8.2.2.3.2 TDD PDSCH Open Loop Spatial Multiplexing 4x2	12.2.0	12.3.0
2014-09	RAN#65	R5-144906	1619	-	Updates to 8.2.2.4 TDD PDSCH Closed Loop Single/Multi Layer Spatial Multiplexing 2x2 and 4x2	12.2.0	12.3.0
2014-09	RAN#65	R5-144907	1620	-	Updates to 9.2.x CQI Reporting under AWGN conditions	12.2.0	12.3.0
2014-09	RAN#65	R5-144916	1621	-	Message contents updates for TC 9.5.5.1_F.1+9.5.5.2_F.1 CoMP	12.2.0	12.3.0
2014-09	RAN#65	R5-144917	1622	-	FDD CQI Reporting under AWGN conditions - Single CSI Process TC 9.2.4.1_F - Editor Notes Resolution	12.2.0	12.3.0

2014-09	RAN#65	R5-144918	1623	-	TDD CQI Reporting under AWGN conditions - Single CSI Process TC 9.2.4.2_F - Editor Notes Resolution	12.2.0	12.3.0
2014-09	RAN#65	R5-144920	1624	-	Addition of SDR test case 8.7.1.1_A.3 for intra-band NC DL CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144922	1625	-	New TC: TDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for CA (inter band DL CA)	12.2.0	12.3.0
2014-09	RAN#65	R5-144923	1626	-	New TC: TDD PDSCH Single Antenna Port Performance for CA (inter-band DL CA)	12.2.0	12.3.0
2014-09	RAN#65	R5-144924	1627	-	New TC: TDD PDSCH Open Loop Spatial Multiplexing 2x2 for CA (inter-band DL CA)	12.2.0	12.3.0
2014-09	RAN#65	R5-144925	1628	-	New TC: TDD sustained data rate performance for CA (inter-band DL CA)	12.2.0	12.3.0
2014-09	RAN#65	R5-144926	1629	-	Update Out-of-band blocking for CA (intra-band contiguous DL CA without UL CA)	12.2.0	12.3.0
2014-09	RAN#65	R5-144928	1630	-	Message contents updates for Demod feICIC test cases	12.2.0	12.3.0
2014-09	RAN#65	R5-144930	1631	-	Addition of new TC 8.2.2.3.1A_A.3 TDD Soft buffer management test for intra-band NC DL CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144931	1632	-	Addition of new TC 8.2.1.4.2_A.3 FDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for CA (intra band NC DL CA)	12.2.0	12.3.0
2014-09	RAN#65	R5-144932	1633	-	Updates to TCs 8.2.1.3.1_A.1/A.2 for FDD PDSCH Open Loop Spatial Multiplexing 2x2 for CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144933	1634	-	Updates to 8.7.1.1_A FDD SDR for CA related test cases	12.2.0	12.3.0
2014-09	RAN#65	R5-144934	1635	-	Addition of new TC 8.2.2.3.1A_A.2 TDD Soft buffer management test for inter-band DL CA	12.2.0	12.3.0
2014-09	RAN#65	R5-144936	1636	-	Updates of Annex F.1.4 and F.3.4 for newly added performance test cases	12.2.0	12.3.0
2014-09	RAN#65	R5-144938	1637	-	Updates to TC 8.2.2.1 TDD PDSCH Single Antenna Port Performance (Cell-Specific Reference Symbols) related test cases	12.2.0	12.3.0
2014-09	RAN#65	R5-144939	1638	-	Updates to 8.2.2.2 TDD PDSCH Transmit Diversity Performance (Cell-Specific Reference Symbols)	12.2.0	12.3.0
2014-09	RAN#65	R5-144942	1640	-	Updates to TC 9.6.1.1_A.2 FDD CQI Reporting under AWGN conditions – PUCCH 1-0 for CA (inter band DL CA)	12.2.0	12.3.0
2014-12	RAN#66	R5-145014	1641	-	Corrections to CA Blocking TCs minimum requirements	12.3.0	12.4.0
2014-12	RAN#66	R5-145015	1642	-	Correction to CA Spurious Response TC minimum requirements	12.3.0	12.4.0
2014-12	RAN#66	R5-145125	1645	-	RF: Review of definition of CSI measurement channels with dynamic coding rate	12.3.0	12.4.0
2014-12	RAN#66	R5-145128	1646	-	RF: Review of references to CSI measurement channels with dynamic coding rate	12.3.0	12.4.0
2014-12	RAN#66	R5-145175	1647	-	New CA band combination CA_1A-3A - Updates of 5.2A Operating bands	12.3.0	12.4.0
2014-12	RAN#66	R5-145176	1648	-	New CA band combination CA_1A-3A - Updates of 5.4.2A Channel Bandwidth	12.3.0	12.4.0
2014-12	RAN#66	R5-145177	1649	-	New CA band combination CA_1A-3A - Updates of 6.2.5 Delta TIB	12.3.0	12.4.0
2014-12	RAN#66	R5-145178	1650	-	New CA band combination CA_1A-3A - Updates of 7.3.3 Delta RIB	12.3.0	12.4.0

2014-12	RAN#66	R5-145189	1651	-	eICIC-RF: Corrections to PDCCH performance tests	12.3.0	12.4.0
2014-12	RAN#66	R5-145196	1652	-	RF: Corrections to RMC-s tables	12.3.0	12.4.0
2014-12	RAN#66	R5-145210	1653	-	CA-RF: Correction to OBW requirement	12.3.0	12.4.0
2014-12	RAN#66	R5-145222	1654	-	Introduction of UE maximum output power for CA_42C	12.3.0	12.4.0
2014-12	RAN#66	R5-145223	1655	-	Introduction of Spurious emission band UE co-existence for CA_42C	12.3.0	12.4.0
2014-12	RAN#66	R5-145229	1656	-	Update the minimum requirement and test requirements of TC 8.8.3 localized transmission with TM10	12.3.0	12.4.0
2014-12	RAN#66	R5-145232	1657	-	Existing CA band combination CA_4A-27A and new CA band combination CA_41A-42A update to 36.521-1 section 5.4.2A.1	12.3.0	12.4.0
2014-12	RAN#66	R5-145234	1658	-	New CA band combination CA_41A-42A update to 36.521-1 section 5.2A	12.3.0	12.4.0
2014-12	RAN#66	R5-145235	1659	-	New CA band combination CA_41A-42A update to 36.521-1 section 6.2.5	12.3.0	12.4.0
2014-12	RAN#66	R5-145236	1660	-	New CA band combination CA_41A-42A update to 36.521-1 section 7.3.3	12.3.0	12.4.0
2014-12	RAN#66	R5-145291	1661	-	CQI reporting in AWGN and in fading: CQI indices in set	12.3.0	12.4.0
2014-12	RAN#66	R5-145311	1662	-	Clarification for CA ACS and Wideband Intermodulation testcases	12.3.0	12.4.0
2014-12	RAN#66	R5-145374	1663	-	New CA band combination CA_18A-28A - Updates of 5.2A Operating bands	12.3.0	12.4.0
2014-12	RAN#66	R5-145375	1664	-	New CA band combination CA_18A-28A - Updates of 5.4.2A Channel bandwidth	12.3.0	12.4.0
2014-12	RAN#66	R5-145376	1665	-	New CA band combination CA_18A-28A - Updates of 6.2.5.3 Delta TIB	12.3.0	12.4.0
2014-12	RAN#66	R5-145377	1666	-	New CA band combination CA_18A-28A - Updates of 7.3A Delta RIB	12.3.0	12.4.0
2014-12	RAN#66	R5-145407	1667	-	Alignment with 36.521-2 on UE categories for COMP	12.3.0	12.4.0
2014-12	RAN#66	R5-145425	1668	-	Removal of Non-contiguous Allocation within a Component Carrier Testpoints from UL CA MPR, Spectrum Emissions and ACLR Tests	12.3.0	12.4.0
2014-12	RAN#66	R5-145431	1669	-	Correction on parameters for high speed train scenario	12.3.0	12.4.0
2014-12	RAN#66	R5-145436	1670	-	Update TC 9.3.6 CQI Reporting under fading conditions Multiple CSI processes for CoMP	12.3.0	12.4.0
2014-12	RAN#66	R5-145437	1671	-	New CA band combination 1+11 and 8+11 û Introduction of 1+11 and 8+11 to 36.521-1 chapter 5	12.3.0	12.4.0
2014-12	RAN#66	R5-145438	1672	-	New CA band combination 1+11 and 8+11 û Introduction of 1+11 and 8+11 to 36.521-1 chapter 6	12.3.0	12.4.0
2014-12	RAN#66	R5-145439	1673	-	New CA band combination 1+11 and 8+11 û Introduction of 1+11 and 8+11 to 36.521-1 chapter 7	12.3.0	12.4.0
2014-12	RAN#66	R5-145465	1674	-	Correction to TC 8.2.1.1.1_A.1 FDD PDSCH Single Antenna Port Performance for CA	12.3.0	12.4.0
2014-12	RAN#66	R5-145479	1675	-	Corrections to throughput calculation for feICIC demodulation minimum requirements	12.3.0	12.4.0
2014-12	RAN#66	R5-145480	1676	-	Test Tolerances for TC 8.5.1.2.3_E.1 FDD PHICH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	12.3.0	12.4.0
2014-12	RAN#66	R5-145481	1677	-	Test Tolerances for TC 8.5.2.2.3_E.1 TDD PHICH Transmit Diversity 2x2 for feICIC (non-MBSFN ABS)	12.3.0	12.4.0

2014-12	RAN#66	R5-145486	1678	-	Uncertainties and Test Tolerances to Annex F for PHICH feICIC	12.3.0	12.4.0
2014-12	RAN#66	R5-145487	1679	-	Corrections to Annex G for minimum test time for demodulation for feICIC	12.3.0	12.4.0
2014-12	RAN#66	R5-145505	1680	-	Updates to TDD SDR CA test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145532	1681	-	Addition of missing bandwidth combination sets for inter-band CA	12.3.0	12.4.0
2014-12	RAN#66	R5-145536	1682	-	Additions to CoMP Demod test cases 8.3.1.3.1_F and 8.3.2.4.1_F	12.3.0	12.4.0
2014-12	RAN#66	R5-145539	1683	-	Addition of Band 30 in Max output power test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145540	1684	-	Addition of Band 30 in Max power reduction test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145543	1685	-	Addition of Band 30 in Spurious emission UE co-existence test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145559	1686	-	Correction to 6.3.5A.1.1	12.3.0	12.4.0
2014-12	RAN#66	R5-145638	1687	-	Correction to HPUE Applicability statements in TS 36.521-1	12.3.0	12.4.0
2014-12	RAN#66	R5-145800	1688	-	RF: Modification of test description to refer to State 2A-RF	12.3.0	12.4.0
2014-12	RAN#66	R5-145803	1689	-	Removal of Non-contiguous Allocation within a Component Carrier Testpoints from UL CA A-MPR and Additional Spectrum/Spurious Emissions Tests	12.3.0	12.4.0
2014-12	RAN#66	R5-145804	1690	-	Addition of RF requirements in later releases	12.3.0	12.4.0
2014-12	RAN#66	R5-145805	1691	-	eDL-MIMO RF: Correction to TC 8.3.1.1.1_D	12.3.0	12.4.0
2014-12	RAN#66	R5-145808	1692	-	Correction on support of a bandwidth combination set	12.3.0	12.4.0
2014-12	RAN#66	R5-145809	1693	-	Correction to TC 8.7.1.1_A FDD sustained data rate performance for CA	12.3.0	12.4.0
2014-12	RAN#66	R5-145810	1694	-	Correction to TC 8.2.2.1.1_A.1 TDD PDSCH Single Antenna Port Performance for CA	12.3.0	12.4.0
2014-12	RAN#66	R5-145811	1695	-	Corrections to TC 8.2.2.1.1_A.3 TDD PDSCH Single Antenna Port Performance for CA	12.3.0	12.4.0
2014-12	RAN#66	R5-145812	1696	-	Corrections to TC 8.2.2.4.2_A.3 TDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4 x 2 for CA	12.3.0	12.4.0
2014-12	RAN#66	R5-145813	1697	-	Corrections to Annex G for CA Enhancements	12.3.0	12.4.0
2014-12	RAN#66	R5-145825	1698	-	Uncertainties and TT for CoMP test case 9.5.5.1_F.2 and 9.5.5.2_F.2	12.3.0	12.4.0
2014-12	RAN#66	R5-145835	1699	-	Update Uncertainties for RI Test cases 9.5.x	12.3.0	12.4.0
2014-12	RAN#66	R5-145839	1700	-	Update of Demodulation of PDSCH CoMP TCs	12.3.0	12.4.0
2014-12	RAN#66	R5-145840	1701	-	Uncertainties and Test Tolerances for CoMP Test cases 8.3.1.3.3_F, 8.3.2.4.2_F, 8.3.2.4.3_F	12.3.0	12.4.0
2014-12	RAN#66	R5-145841	1702	-	Correction to CoMP TDD RI test case	12.3.0	12.4.0
2014-12	RAN#66	R5-145846	1703	-	Introduction of CA_42C in section 5 of TS 36.521-1	12.3.0	12.4.0
2014-12	RAN#66	R5-145847	1704	-	New CA band combination CA_4A-27A and CA_41A-42A update to 36.521-1 section 7.3A.3	12.3.0	12.4.0
2014-12	RAN#66	R5-145848	1705	-	Introduction of receiver requirements for CA_42C into TS 36.521-1	12.3.0	12.4.0
2014-12	RAN#66	R5-145851	1706	-	Addition of operating band 30 to TS 36.521-1 Clause 7 for receiver tests	12.3.0	12.4.0

2014-12	RAN#66	R5-145853	1707	-	Sections 3 and 4 update on 3DL CA WI	12.3.0	12.4.0
2014-12	RAN#66	R5-145854	1708	-	Addition of new 2DL(CA_1A-42A and CA_19A-42A) and 3DL CA band combinations(CA_1A-3A-19A, CA_1A-19A-21A, CA_1A-42C and CA_19A-42C)	12.3.0	12.4.0
2014-12	RAN#66	R5-145855	1709	-	New CA band combination CA_18A-28A - Updates of 7.3A Refsens	12.3.0	12.4.0
2014-12	RAN#66	R5-145856	1710	-	Update of CA Maximum input level Test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145857	1711	-	Update of CA ACS Test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145858	1712	-	Update of CA Blocking and Spurious Response Test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145859	1713	-	Update of CA Rx Intermodulation Test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145872	1714	-	Update to applicability for TM9 test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145874	1715	-	RF: Correction to A-MPR requirements with NS_20	12.3.0	12.4.0
2014-12	RAN#66	R5-145876	1716	-	Applicability of CSI requirements for CA capability	12.3.0	12.4.0
2014-12	RAN#66	R5-145880	1717	-	Addition of Band 30 in Additional Max power reduction test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145881	1718	-	Addition of Band 30 in Additional SEM test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145882	1719	-	Addition of Band 30 in Additional Spurious emission test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145883	1720	-	Update the minimum requirement and test requirements of TC 8.8.2 localized transmission with TM9	12.3.0	12.4.0
2014-12	RAN#66	R5-145884	1721	-	New CA band combination CA_1A-3A - Updates of 7.3A Refsens	12.3.0	12.4.0
2014-12	RAN#66	R5-145885	1722	-	New CA band combination CA_NC_41A and CA_NC_42A update to 36.521-1 section 7.4A.4 and 7.5A.4	12.3.0	12.4.0
2014-12	RAN#66	R5-145886	1723	-	New CA band combination CA_NC_41A and CA_NC_42A update to 36.521-1 section 7.6.1A.4, 7.6.2A.4 and 7.6.3A.4	12.3.0	12.4.0
2014-12	RAN#66	R5-145887	1724	-	New CA band combination CA_NC_41A and CA_NC_42A update to 36.521-1 section 7.8.1A.4	12.3.0	12.4.0
2014-12	RAN#66	R5-145888	1725	-	Existing CA band combination CA_39C: update bandwidth combination to CQI test	12.3.0	12.4.0
2014-12	RAN#66	R5-145889	1726	-	Existing CA band combination CA_39C: update bandwidth combination to PDSCH TM1 test	12.3.0	12.4.0
2014-12	RAN#66	R5-145890	1727	-	Existing CA band combination CA_39C: update bandwidth combination to PDSCH TM3 test	12.3.0	12.4.0
2014-12	RAN#66	R5-145891	1728	-	Existing CA band combination CA_39C: update bandwidth combination to PDSCH TM4 test	12.3.0	12.4.0
2014-12	RAN#66	R5-145893	1729	-	7A-7A NC CA RX RF Tests Testpoint Correction	12.3.0	12.4.0
2014-12	RAN#66	R5-145896	1730	-	CA-RF: Correction to ACLR test points	12.3.0	12.4.0
2014-12	RAN#66	R5-145898	1731	-	Intraband Contiguous CA RF Tests Testpoint Choice Clarification	12.3.0	12.4.0
2014-12	RAN#66	R5-145899	1732	-	Updates to Spurious emission band UE co-existence test cases 6.6.3.2 and 6.6.3.2A.1	12.3.0	12.4.0
2014-12	RAN#66	R5-145900	1733	-	Chapter 7 RX RF Tests Intra-band contiguous Test Configuration Tables Cleanup	12.3.0	12.4.0
2014-12	RAN#66	R5-145901	1734	-	Updates to FDD and TDD PDSCH Soft buffer management test (inter-band DL CA)	12.3.0	12.4.0

2014-12	RAN#66	R5-145902	1735	-	Updates to TM3 CA demodulation tests for release independence	12.3.0	12.4.0
2014-12	RAN#66	R5-145917	1736	-	Addition of CRS assistance data in message contents for feICIC demodulation test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145922	1737	-	Introduction of TC 8.2.1.1.1_A.3 FDD PDSCH Single Antenna Port Performance for CA	12.3.0	12.4.0
2014-12	RAN#66	R5-145926	1739	-	New CA band combination CA_NC_41A and CA_NC_42A update to 36.521-1 section 7.3A.4	12.3.0	12.4.0
2014-12	RAN#66	R5-145933	1740	-	Existing CA band combination CA_39C: update annex tables for 20+15MHz	12.3.0	12.4.0
2014-12	RAN#66	R5-145934	1741	-	Reconstruction of FDD SDR test cases based on Release independent rule	12.3.0	12.4.0
2014-12	RAN#66	R5-145935	1742	-	RF: Cleanup of sustained data rate test cases	12.3.0	12.4.0
2014-12	RAN#66	R5-145936	1743	-	Applicability of Demodulation requirements for CA capability	12.3.0	12.4.0
2014-12	RAN#66	R5-145975	1643	-	CA-RF: Review of test frequencies clause 8	12.3.0	12.4.0
2014-12	RAN#66	R5-145976	1644	-	CA-RF: Review of test frequencies clause 9	12.3.0	12.4.0
2015-03	RAN#67	R5-150112	1744	-	Addition of CA_2-30 to Clause 5.2A of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150135	1745	-	Addition of CA_5-30 to Clause 5.2A of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150136	1746	-	Addition of CA_5A-30A to Clause 5.4.2A of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150169	1747	-	Addition of CA_4A-5A-30A to Clause 5.4.2A of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150181	1748	-	Addition of new TC 9.3.6.1_F.2 FDD CQI Reporting under fading conditions with Three CSI processes for CoMP	12.4.0	12.5.0
2015-03	RAN#67	R5-150184	1749	-	Addition of new TC 9.3.6.2_F.2 TDD CQI Reporting under fading conditions with Three CSI processes for CoMP	12.4.0	12.5.0
2015-03	RAN#67	R5-150186	1840	-	Addition of TT for new TCs 9.3.6.1_F.1, 9.3.6.1_F.2, 9.3.6.1_F.3, 9.3.6.2_F.1, 9.3.6.2_F.2 and 9.3.6.2_F.3	12.4.0	12.5.0
2015-03	RAN#67	R5-150209	1750	-	Corrections to 1 PRB allocation performance in presence of MBSF	12.4.0	12.5.0
2015-03	RAN#67	R5-150210	1751	-	Corrections to the Common Test Parameters for User-specific Reference Symbols	12.4.0	12.5.0
2015-03	RAN#67	R5-150214	1752	-	Test Tolerances for 8.3.1.2.1_D_1 FDD PDSCH Dual-layer Spatial Multiplexing for eDL-MIMO Rel-11	12.4.0	12.5.0
2015-03	RAN#67	R5-150215	1753	-	Test Tolerances for 8.3.2.2.1_D_1 TDD PDSCH Dual-layer Spatial Multiplexing for eDL-MIMO Rel-11	12.4.0	12.5.0
2015-03	RAN#67	R5-150216	1754	-	Uncertainties and Test Tolerances to Annex F for PDSCH for eDL-MIMO Rel-11	12.4.0	12.5.0
2015-03	RAN#67	R5-150234	1755	-	CA RF: Corrections to power imbalance test	12.4.0	12.5.0
2015-03	RAN#67	R5-150252	1756	-	Update of non-contiguous CA Rx Test Cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150364	1757	-	ePDCCH RF: Corrections to sustained data rate test	12.4.0	12.5.0
2015-03	RAN#67	R5-150373	1758	-	Introduction of new CA band combinations 5+25 and 12+25 for Transmitter Characteristics	12.4.0	12.5.0
2015-03	RAN#67	R5-150409	1759	-	Correction in cl.3 of 36.521-1	12.4.0	12.5.0
2015-03	RAN#67	R5-150415	1760	-	Correction to message exceptions for eICIC performance test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150416	1761	-	Clean up on Performance and CSI test cases for eICIC and feICIC	12.4.0	12.5.0

2015-03	RAN#67	R5-150417	1762	-	Correction to test procedure in CQI Reporting under AWGN for feICIC	12.4.0	12.5.0
2015-03	RAN#67	R5-150420	1763	-	Correction to minimum test time for feICIC performance tests in G.3A.5	12.4.0	12.5.0
2015-03	RAN#67	R5-150437	1764	-	New CA band combination CA_1A-28A - Updates of 5.2A Operating bands	12.4.0	12.5.0
2015-03	RAN#67	R5-150438	1765	-	New CA band combination CA_1A-28A - Updates of 5.4.2A Channel bandwidth	12.4.0	12.5.0
2015-03	RAN#67	R5-150440	1766	-	New CA band combination CA_1A-28A - Updates of 6.2.5.3 Delta TIB	12.4.0	12.5.0
2015-03	RAN#67	R5-150441	1767	-	New CA band combination CA_1A-28A - Updates of 7.3.3 Delta RIB	12.4.0	12.5.0
2015-03	RAN#67	R5-150452	1768	-	New CA band combination CA_1A-18A-28A - Updates of 5.4.2A Channel bandwidth	12.4.0	12.5.0
2015-03	RAN#67	R5-150453	1769	-	New CA band combinations (CA_1A-41A, CA_1A-41C) - Updates of 5.2A Operating bands	12.4.0	12.5.0
2015-03	RAN#67	R5-150455	1770	-	New CA band combinations (CA_26A-41A, CA_26A-41C) - Updates of 5.2A Operating bands	12.4.0	12.5.0
2015-03	RAN#67	R5-150456	1771	-	New CA band combination CA_1A-18A-28A - Updates of 5.2A Operating bands	12.4.0	12.5.0
2015-03	RAN#67	R5-150460	1772	-	Correction to the description of duplex mode related to CA_18A-28A	12.4.0	12.5.0
2015-03	RAN#67	R5-150461	1773	-	Correction to the test frequencies and test CC combinations for CA_18A-28A	12.4.0	12.5.0
2015-03	RAN#67	R5-150472	1774	-	Correction to requirements for test case 7.6.2A.1 and 7.6.2A.2	12.4.0	12.5.0
2015-03	RAN#67	R5-150476	1775	-	Removal of Note 1 in requirements of TC 6.2.2A	12.4.0	12.5.0
2015-03	RAN#67	R5-150478	1776	-	Addition of &#916:RIB,c to requirements of blocking and spurious response test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150479	1777	-	Correction to PUSCH configuration details for 36.521-1 4x2 CA test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150505	1778	-	Added TT in annex for TDD inter band CA performance tests	12.4.0	12.5.0
2015-03	RAN#67	R5-150506	1779	-	Updated TT in TDD inter band CA performance tests	12.4.0	12.5.0
2015-03	RAN#67	R5-150522	1780	-	Addition of CA_1A-20A to TS 36.521-1	12.4.0	12.5.0
2015-03	RAN#67	R5-150543	1781	-	Addition of 2A-12A and 5A-13A 2DL Interband CA to 36.521-1	12.4.0	12.5.0
2015-03	RAN#67	R5-150606	1782	-	Clarification on bandwidth to be tested	12.4.0	12.5.0
2015-03	RAN#67	R5-150800	1783	-	Correction to 6.6.3.2 of Tx Spurious	12.4.0	12.5.0
2015-03	RAN#67	R5-150801	1784	-	Correction in 6.2.5A and 6.5.1A of 36.521-1	12.4.0	12.5.0
2015-03	RAN#67	R5-150802	1785	-	Fixing numbering in Table 6.6.2.3A.1.4.1-1	12.4.0	12.5.0
2015-03	RAN#67	R5-150803	1786	-	Change of test points for A-MPR in band 26	12.4.0	12.5.0
2015-03	RAN#67	R5-150809	1787	-	Addition of BCS1 to 25A-25A CA	12.4.0	12.5.0
2015-03	RAN#67	R5-150810	1788	-	Introduction of CA_1A-7A to TS 36.521-1	12.4.0	12.5.0
2015-03	RAN#67	R5-150811	1789	-	Correction to test points for intra-band contiguous receiver test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150816	1790	-	Addition of CA_2A-30A to Clause 7.3.3 of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150817	1791	-	Addition of CA_2A-30A to Clause 6.2.5 of TS 36.521-1.	12.4.0	12.5.0

2015-03	RAN#67	R5-150818	1792	-	Addition of CA_2A-30A to Clause 5.4.2A of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150819	1793	-	Addition of CA_4A-30A to Clause 7.3.3 of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150820	1794	-	Addition of CA_4A-30A to Clause 6.2.5 of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150821	1795	-	Addition of CA_4-30 to Clause 5.2A of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150822	1796	-	Addition of CA_4A-30A to Clause 5.4.2A of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150823	1797	-	Addition of CA_5A-30A to Clause 7.3.3 of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150824	1798	-	Addition of CA_5A-30A to Clause 6.2.5 of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150825	1799	-	Addition of CA_4-5-30 to Clause 5.2A of TS 36.521-1.	12.4.0	12.5.0
2015-03	RAN#67	R5-150826	1800	-	Addition of new TC FDD PDSCH Single Antenna Port Performance for CA (3DL CA)	12.4.0	12.5.0
2015-03	RAN#67	R5-150827	1801	-	Addition of CA_2A-2A-13A to TS 36.521-1	12.4.0	12.5.0
2015-03	RAN#67	R5-150828	1802	-	Addition of 40D,41D,41C-41A and 25A-25A BCS1 to Channel BW for CA tables	12.4.0	12.5.0
2015-03	RAN#67	R5-150829	1803	-	Addition of multiple interband 3DL CA Combinations to Channel BW for CA tables	12.4.0	12.5.0
2015-03	RAN#67	R5-150848	1804	-	Addition of new TC 9.3.6.1_F.1 FDD CQI Reporting under fading conditions with Single CSI process for CoMP	12.4.0	12.5.0
2015-03	RAN#67	R5-150849	1805	-	Addition of new TC 9.3.6.1_F.3 FDD CQI Reporting under fading conditions with Four CSI processes for CoMP	12.4.0	12.5.0
2015-03	RAN#67	R5-150850	1806	-	Addition of new TC 9.3.6.2_F.1 TDD CQI Reporting under fading conditions with Single CSI process for CoMP	12.4.0	12.5.0
2015-03	RAN#67	R5-150851	1807	-	Addition of new TC 9.3.6.2_F.3 TDD CQI Reporting under fading conditions with Four CSI processes for CoMP	12.4.0	12.5.0
2015-03	RAN#67	R5-150860	1808	-	Introduction of new CA band combinations 5+25 and 12+25 for Receiver Characteristics	12.4.0	12.5.0
2015-03	RAN#67	R5-150861	1809	-	Addition of CA_1A-7A-20A to TS 36.521-1	12.4.0	12.5.0
2015-03	RAN#67	R5-150862	1810	-	Update of minimum requirements for TC 6.2.5 Configured UE transmitted Output Power	12.4.0	12.5.0
2015-03	RAN#67	R5-150863	1811	-	Updates of minimum requirement to reference sensitivity for CA	12.4.0	12.5.0
2015-03	RAN#67	R5-150865	1812	-	Addition of new TC TDD PDSCH Single Antenna Port Performance for CA (3DL CA)	12.4.0	12.5.0
2015-03	RAN#67	R5-150866	1813	-	Addition of new TC FDD Sustained data rate performance for CA (3DL CA)	12.4.0	12.5.0
2015-03	RAN#67	R5-150867	1814	-	Addition of new TC TDD Sustained data rate performance for CA (3DL CA)	12.4.0	12.5.0
2015-03	RAN#67	R5-150869	1839	-	Addition of Cell IDs for 3DL CA Rx tests	12.4.0	12.5.0
2015-03	RAN#67	R5-150870	1815	-	New CA band combinations (CA_1A-41A, CA_1A-41C) - Updates of 5.4.2A Channel bandwidth	12.4.0	12.5.0
2015-03	RAN#67	R5-150871	1816	-	New CA band combinations (CA_26A-41A, CA_26A-41C) - Updates of 5.4.2A Channel bandwidth	12.4.0	12.5.0
2015-03	RAN#67	R5-150935	1817	-	Change in UE co-existence 6.6.3.2 harmonic emissions exceptions	12.4.0	12.5.0
2015-03	RAN#67	R5-150874	1818	-	CA RF: Updates to in-band emissions requirements	12.4.0	12.5.0
2015-03	RAN#67	R5-150875	1819	-	Correction to test procedure of TC 7.6.1A.4	12.4.0	12.5.0

2015-03	RAN#67	R5-150880	1820	-	Update of CA sustained data rate tests	12.4.0	12.5.0
2015-03	RAN#67	R5-150881	1821	-	Aligning Bandwidth Combination Sets with latest core specification	12.4.0	12.5.0
2015-03	RAN#67	R5-150892	1822	-	Update to TC 7.5A.4 Adjacent Channel Selectivity (ACS) for CA (intra-band non-contiguous DL CA without UL CA)	12.4.0	12.5.0
2015-03	RAN#67	R5-150897	1823	-	New CA band combination CA_1A-28A - Updates of 7.3A Refsens	12.4.0	12.5.0
2015-03	RAN#67	R5-150928	1824	-	Updates to Spurious emission band UE co-existence test case 6.6.3.2	12.4.0	12.5.0
2015-03	RAN#67	R5-150906	1825	-	Updates to FDD and TDD RI Reporting test cases for CoMP	12.4.0	12.5.0
2015-03	RAN#67	R5-150929	1827	-	Addition of CA capability in Rx tests	12.4.0	12.5.0
2015-03	RAN#67	R5-150913	1828	-	Addition of Multi-Cluster PUSCH with One Uplink Carrier test cases to 36.521-1	12.4.0	12.5.0
2015-03	RAN#67	R5-150915	1829	-	Addition of CA capability and applicability changes to Section 8 36.521-1 FDD TM3 CA test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150916	1830	-	Changes to Annex F of 36.521-1 related to CA capability and applicability changes to FDD CA test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150917	1831	-	Correction to CA applicability and test rules	12.4.0	12.5.0
2015-03	RAN#67	R5-150918	1832	-	Addition of CA capability and applicability changes to 36.521-1 FDD TM1 CA test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150919	1833	-	Update to LTE CA Sustained Data rate test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150920	1834	-	CA demod Soft Buffer test case variants merge	12.4.0	12.5.0
2015-03	RAN#67	R5-150921	1835	-	Addition of CA capability and applicability changes to Section 8 36.521-1 FDD TM4 CA test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150922	1836	-	Addition of CA capability and applicability changes to FDD chap9 CA test cases	12.4.0	12.5.0
2015-03	RAN#67	R5-150925	1837	-	Introduction of Test Case for Maximum input level for 3DL CA	12.4.0	12.5.0
2015-03	RAN#67	R5-150926	1838	-	Addition of new TC of reference sensitivity for 3DL CA	12.4.0	12.5.0
2015-06	RAN#68	R5-151067	1841	-	Removal of Extreme Conditions from TC 6.6.2.1A test environment	12.5.0	12.6.0
2015-06	RAN#68	R5-151114	1843	-	RF: Missing power class information	12.5.0	12.6.0
2015-06	RAN#68	R5-151116	1845	-	CA RF: Clarification of PHICH configuration	12.5.0	12.6.0
2015-06	RAN#68	R5-151117	1846	-	RF: Corrections to CSI RMCs references	12.5.0	12.6.0
2015-06	RAN#68	R5-151121	1850	-	ePDCCH RF: Corrections to sustained data rate test	12.5.0	12.6.0
2015-06	RAN#68	R5-151122	1851	-	feICIC RF: Updates to TC 9.2.1.6_E.1	12.5.0	12.6.0
2015-06	RAN#68	R5-151123	1852	-	feICIC RF: Corrections to CSI TCs	12.5.0	12.6.0
2015-06	RAN#68	R5-151151	1853	-	Correction to the requirements of test case 6.6.2.1A	12.5.0	12.6.0
2015-06	RAN#68	R5-151152	1854	-	Addition of Rx parameter for test case 7.6.2A.1 and 7.6.2A.2	12.5.0	12.6.0
2015-06	RAN#68	R5-151181	1855	-	CA RF: Corrections to the applicability clause	12.5.0	12.6.0
2015-06	RAN#68	R5-151195	1857	-	Corrections to CSI Reference Measurement Channel	12.5.0	12.6.0
2015-06	RAN#68	R5-151213	1871	-	Updating Annex A relevant for the introduced of eDL MIMO enhancement Tests	12.5.0	12.6.0
2015-06	RAN#68	R5-151214	1872	-	Updating Annex B Beam steering approach for eDL MIMO enhancement Tests	12.5.0	12.6.0

2015-06	RAN#68	R5-151215	1873	-	Updating Annex I relevant for the introduced of eDL MIMO enhancement Tests	12.5.0	12.6.0
2015-06	RAN#68	R5-151231	1874	-	CoMP TCs applicability update section 8	12.5.0	12.6.0
2015-06	RAN#68	R5-151237	1876	-	Update of CoMP TCs 9.2.4.1_F and 9.2.4.2_F	12.5.0	12.6.0
2015-06	RAN#68	R5-151238	1877	-	Update of CoMP TCs in sections 9.3.6.1_F and 9.3.6.2_F	12.5.0	12.6.0
2015-06	RAN#68	R5-151256	1884	-	Update of CoMP TCs in section 8	12.5.0	12.6.0
2015-06	RAN#68	R5-151257	1885	-	Update of CoMP TCs 9.5.5.1_F.1 and 9.5.5.2_F.1	12.5.0	12.6.0
2015-06	RAN#68	R5-151329	1902	-	Addition of band 32 to clause 6 in 36.521-1	12.5.0	12.6.0
2015-06	RAN#68	R5-151366	1912	-	Removal of double table 7.6.1B.5-2	12.5.0	12.6.0
2015-06	RAN#68	R5-151367	1913	-	Corrections to UL CA Test Cases	12.5.0	12.6.0
2015-06	RAN#68	R5-151369	1915	-	Editorial corrections to TC 6.6.1	12.5.0	12.6.0
2015-06	RAN#68	R5-151425	1940	-	Addition of Band 32 in Receiver test cases	12.5.0	12.6.0
2015-06	RAN#68	R5-151487	1955	-	Introduction of new test case 8.9.1.1.1 MTC	12.5.0	12.6.0
2015-06	RAN#68	R5-151515	1962	-	Correction to test case 6.3.3A.1: UE Transmit OFF power for CA (intra-band contiguous DL CA and UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151561	1963	-	Update to TX test case 6.6.3.3 Additional spurious emissions	12.5.0	12.6.0
2015-06	RAN#68	R5-151591	1976	-	36.521-1: CA Soft buffering corrections	12.5.0	12.6.0
2015-06	RAN#68	R5-151616	1978	-	Introduction of new test case 9.7.1.1 MTC	12.5.0	12.6.0
2015-06	RAN#68	R5-151639	1980	-	Test points correction in test case 7.3A.2 for CA_23B in 36.521-1	12.5.0	12.6.0
2015-06	RAN#68	R5-151802	1875	1	CoMP TCs applicability update section 9	12.5.0	12.6.0
2015-06	RAN#68	R5-151805	1904	1	Clarification to spurious emission requirement for the edge of spurious domain	12.5.0	12.6.0
2015-06	RAN#68	R5-151806	1842	1	Missing NS Value for Band 30 Reference Sensitivity Testing and Missing Message Content Exceptions	12.5.0	12.6.0
2015-06	RAN#68	R5-151807	1891	1	Correction of UL RB Allocation in Interband DL CA Testcases	12.5.0	12.6.0
2015-06	RAN#68	R5-151808	1898	1	Correction of CA_25A-25A wrong allocation in Chapter 7 Table 7.3A.4.4.1-1	12.5.0	12.6.0
2015-06	RAN#68	R5-151809	1914	1	Updates for interferer placement in non-contiguous CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151811	1903	1	Correction of UEs category for TDD sustained data rate performance	12.5.0	12.6.0
2015-06	RAN#68	R5-151812	1952	1	Updates to 36.521-1 Annex F and G	12.5.0	12.6.0
2015-06	RAN#68	R5-151813	1916	1	Clean up of PDSCH performance test cases	12.5.0	12.6.0
2015-06	RAN#68	R5-151814	1924	1	Clean up of eDL-MIMO test cases	12.5.0	12.6.0
2015-06	RAN#68	R5-151815	1925	1	Clean up of TM9 interference model test cases	12.5.0	12.6.0
2015-06	RAN#68	R5-151816	1926	1	Correction to eICIC performance test cases	12.5.0	12.6.0
2015-06	RAN#68	R5-151817	1927	1	Correction to CQI and RI reporting test in feICIC	12.5.0	12.6.0
2015-06	RAN#68	R5-151818	1928	1	Correction to PDSCH demodulation test in feICIC	12.5.0	12.6.0
2015-06	RAN#68	R5-151819	1929	1	Clean up on PCFICH/PDCCH demodulation test in feICIC	12.5.0	12.6.0
2015-06	RAN#68	R5-151820	1930	1	Clean up on PHICH demodulation test in feICIC	12.5.0	12.6.0
2015-06	RAN#68	R5-151821	1932	1	Correction of PMI test cases in the section 9.4.1 and 9.4.2	12.5.0	12.6.0

2015-06	RAN#68	R5-151822	1966	1	Removal of the correlation matrix of HST propagation conditions	12.5.0	12.6.0
2015-06	RAN#68	R5-151825	1979	1	Updates to CoMP test cases 9.5.5.x	12.5.0	12.6.0
2015-06	RAN#68	R5-151854	1909	1	Addition of new TC FDD PDSCH 2x2 Open Loop Performance for 3DL CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151855	1910	1	Addition of new TC FDD PDSCH 4x2 Closed Loop Performance for 3DL CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151856	1967	1	Introduction of TC TDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4X2 for CA (3DL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151857	1968	1	Introduction of TC TDD PDSCH Open Loop Spatial Multiplexing 2X2 for CA (3DL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151858	1969	1	New CA band combination CA_1A-41A and CA_26A-41A - Updates of 6.2.5.3 Delta TIB	12.5.0	12.6.0
2015-06	RAN#68	R5-151859	1970	1	New CA band combination CA_1A-41A and CA_26A-41A - Updates of 7.3.3 Delta RIB	12.5.0	12.6.0
2015-06	RAN#68	R5-151884	1878	1	New TCs: FDD PMI Reporting with 4Tx enhanced codebook - PUSCH 1-2 (Multiple PMI) for eDL-MIMO Enhancement	12.5.0	12.6.0
2015-06	RAN#68	R5-151885	1879	1	New TCs: TDD PMI Reporting with 4Tx enhanced codebook - PUSCH 1-2 (Multiple PMI) for eDL-MIMO Enhancement	12.5.0	12.6.0
2015-06	RAN#68	R5-151891	1901	1	Addition of band 32 to clause 5 in 36.521-1	12.5.0	12.6.0
2015-06	RAN#68	R5-151894	1941	1	Addition of test case 6.2.2E - UE Maximum Output Power for UE category 0	12.5.0	12.6.0
2015-06	RAN#68	R5-151895	1943	1	Introduction of UE category 0 in section 4 of 36.521-1	12.5.0	12.6.0
2015-06	RAN#68	R5-151896	1954	1	Update of SNR definition in clause 8.1.1	12.5.0	12.6.0
2015-06	RAN#68	R5-151897	1859	1	Introduction of TC 6.3.5A.1.2 Power Control Absolute Power Tolerance for CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151899	1860	1	Introduction of TC 6.3.5A.1.3 Power Control Absolute Power Tolerance for CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151900	1883	1	New CA 2UL Tx test case 6.2.2A.3	12.5.0	12.6.0
2015-06	RAN#68	R5-151901	1861	1	Introduction of TC 6.3.5A.2.3 Power Control Relative Power Tolerance for CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151902	1862	1	Introduction of TC 6.3.5A.2.2 Power Control Relative Power Tolerance for CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151903	1863	1	Introduction of TC 6.7A.2 Transmit intermodulation for CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151921	1886	1	Updates of minimum requirement for reference sensitivity for CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151922	1887	1	Addition of test points and test requirements for 3DL inter-band CA	12.5.0	12.6.0
2015-06	RAN#68	R5-151926	1977	1	Update of 7.6.1A.1	12.5.0	12.6.0
2015-06	RAN#68	R5-151928	1918	1	Correction to CQI reference measurement channels	12.5.0	12.6.0
2015-06	RAN#68	R5-151929	1849	1	CA RF: Corrections to sustained data rate test	12.5.0	12.6.0
2015-06	RAN#68	R5-151930	1946	1	Update two band and three band information in test case 7.3	12.5.0	12.6.0
2015-06	RAN#68	R5-151931	1888	1	Update of Maximum input level for CA (3DL CA without UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151932	1950	1	Introduction of TDD FDD CA with TDD as Pcell for PDSCH Single Antenna Port Performance	12.5.0	12.6.0

2015-06	RAN#68	R5-151933	1951	1	Introduction of TDD FDD CA with FDD as Pcell for PDSCH Single Antenna Port Performance	12.5.0	12.6.0
2015-06	RAN#68	R5-151934	1956	1	Introduction to test case 9.6.1.1_A.2: FDD CQI Reporting under AWGN conditions – PUCCH 1-0 (3DL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151935	1957	1	Introduction to test case 9.6.1.2_A.2: TDD CQI Reporting under AWGN conditions – PUCCH 1-0 (3DL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151936	1965	1	Addition of CA capability and applicability for 3 DL CCs in Chapter 8	12.5.0	12.6.0
2015-06	RAN#68	R5-151937	1971	1	New CA band combination CA_1A-41A and CA_26A-41A - Updates of 7.3A Refsens	12.5.0	12.6.0
2015-06	RAN#68	R5-151938	1972	1	New CA band combination CA_1A-18A-28A - Updates of 7.3.3 Delta RIB and 7.3A Refsens	12.5.0	12.6.0
2015-06	RAN#68	R5-151940	1958	1	Introduction to test case 6.3.3A.3: UE Transmit OFF power for CA (intra-band non-contiguous DL CA and UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151941	1959	1	Introduction to test case 6.3.4A.1.3: General ON/OFF time mask for CA (intra-band non-contiguous DL CA and UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151942	1960	1	Introduction to test case 6.6.1A.3: UE Occupied bandwidth for CA (intra-band non-contiguous DL CA and UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151943	1961	1	Introduction to test case 6.6.2.1A.3: Spectrum Emission Mask for CA (intra-band non-contiguous DL CA and UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151944	1893	1	Merge of TDD CQI Reporting under AWGN conditions – PUCCH 1-0 for CA cases	12.5.0	12.6.0
2015-06	RAN#68	R5-151945	1936	1	Introduction of TC 7.6.2A.5 Out-of-band blocking for CA (3DL CA without UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151946	1983	1	Introduction of TC 7.6.3A.5 Narrow-band blocking for CA (3DL CA without UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151947	1937	1	Introduction of TC 7.7A.5 Spurious response for CA (3DL CA without UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151948	1935	1	Introduction of TC 7.6.1A.5 In-band blocking for CA (3DL CA without UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-151950	1844	1	CA RF: PCC/SCC mapping onto physical CC-s definition cleanup	12.5.0	12.6.0
2015-06	RAN#68	R5-152000	1848	1	CA RF: Corrections to power imbalance test	12.5.0	12.6.0
2015-06	RAN#68	R5-152001	1953	1	Correction to 9.3.1.3.1_E.1 FDD CQI Reporting test	12.5.0	12.6.0
2015-06	RAN#68	R5-152002	1858	1	Corrections to Reference Measurement Channel	12.5.0	12.6.0
2015-06	RAN#68	R5-152003	1911	1	Update of DL RMCs for PDSCH performance requirements	12.5.0	12.6.0
2015-06	RAN#68	R5-152004	1947	1	Addition of CA capability, applicability changes and core spec updates to Section 8 36.521-1 TDD TM1 CA test cases	12.5.0	12.6.0
2015-06	RAN#68	R5-152005	1948	1	Addition of CA capability, applicability changes and core spec updates to Section 8 36.521-1 TDD TM3 CA test cases	12.5.0	12.6.0
2015-06	RAN#68	R5-152006	1949	1	Addition of CA capability, applicability changes and core spec updates to Section 8 36.521-1 TDD TM4 CA test cases	12.5.0	12.6.0
2015-06	RAN#68	R5-152007	1974	1	Editorial correction to 8.2.1.1.1_A.1 and 8.2.1.3.1_A.1	12.5.0	12.6.0
2015-06	RAN#68	R5-152013	1856	1	Addition of Chapter 7 3DL CA Test Configuration Tables	12.5.0	12.6.0
2015-06	RAN#68	R5-152017	1938	1	Introduction of test case 7.8.1A.5 Wideband intermodulation for CA (3DL CA without UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-152018	1942	1	Addition of test case 7.3E - Reference sensitivity level for UE category 0	12.5.0	12.6.0

2015-06	RAN#68	R5-152020	1882	1	New CA 2UL Tx test case 6.2.2A.2	12.5.0	12.6.0
2015-06	RAN#68	R5-152021	1944	1	Introduction of test case Maximum Power Reduction (MPR) for CA (inter-band DL CA and UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-152022	1945	1	Introduction of test case Maximum Power Reduction (MPR) for CA (intra-band non-contiguous DL CA and UL CA)	12.5.0	12.6.0
2015-06	RAN#68	R5-152025	1922	1	Corrections to spurious emission band co-existence limit tables in clause 6	12.5.0	12.6.0
2015-06	RAN#68	R5-152027	1896	1	Update Reference Channel and Minimum test time for TDD CA power imbalance demodulation test	12.5.0	12.6.0
2015-06	RAN#68	R5-152028	1897	1	Update TDD CA BW combination to power imbalance test	12.5.0	12.6.0
2015-06	RAN#68	R5-152031	1908	1	Update of TC8.2.1.1.1_A.2:FDD PDSCH Single Antenna Performance for 3DL CA	12.5.0	12.6.0
2015-06	RAN#68	R5-152032	1900	1	Addition of Multiple 3DL CA Combinations to Chapter 7 Delta RIB and REFSENS Exceptions Tables	12.5.0	12.6.0
2015-06	RAN#68	R5-152033	1906	1	Clarification of the power of interferer with deltaRIBc	12.5.0	12.6.0
2015-06	RAN#68	R5-152038	1889	1	Introduction of ACS Test Case for 3DL CA without UL CA	12.5.0	12.6.0
2015-06	RAN#68	R5-152043	1923	2	Addition and alignment of all Rel-12 CA configurations in Section 5	12.5.0	12.6.0
2015-06	RAN#68	R5-152133	1939	2	NS value for intra-band contiguous CA configurations not allowed A-MPR	12.5.0	12.6.0
2015-06	RAN#68	R5-152136	1981	2	36.521-1: DL Sustained Data Rate clarifications	12.5.0	12.6.0
2015-06	RAN#68	-	-	-	section 8.2.1.4.3 which was deleted by mistake due to a wrong implementation of R5-150921 was restored	12.5.0	12.6.0
2015-09	RAN#69	R5-153100	1991	-	Corrections to EVM and Carrier leakage CA test cases	12.6.0	12.7.0
2015-09	RAN#69	R5-153101	1992	-	Update of EVM minimum requirements	12.6.0	12.7.0
2015-09	RAN#69	R5-153243	2017	-	CA RF: Minor corrections	12.6.0	12.7.0
2015-09	RAN#69	R5-153244	2018	-	eDL-MIMO RF: Minor corrections	12.6.0	12.7.0
2015-09	RAN#69	R5-153245	2019	-	CA RF: Correction to applicability of SDR test	12.6.0	12.7.0
2015-09	RAN#69	R5-153247	2021	-	eICIC and feICIC RF: Corrections to PDSCH RMCs used for PDCCH performance	12.6.0	12.7.0
2015-09	RAN#69	R5-153300	2029	-	Addition of new TC of Frequency error for inter-band CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153305	2033	-	Addition of new TC of Reference sensitivity level for 2UL inter-band CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153317	2037	-	CA RF: Addition of missing requirements for CA_4A-12A	12.6.0	12.7.0
2015-09	RAN#69	R5-153318	2038	-	RF: Clarifications for TC 6.6.3.2	12.6.0	12.7.0
2015-09	RAN#69	R5-153322	2042	-	RF: Correction to TC 6.6.3.3A	12.6.0	12.7.0
2015-09	RAN#69	R5-153362	2053	-	Clean up for Tx test cases	12.6.0	12.7.0
2015-09	RAN#69	R5-153364	2055	-	Correction to DL parameters in CA Rx tests	12.6.0	12.7.0
2015-09	RAN#69	R5-153365	2056	-	Correction to 7.6.1A.4 In-band blocking for non-contiguous CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153367	2058	-	Removable of PCFICH_RA in 8.4 and 8.5	12.6.0	12.7.0
2015-09	RAN#69	R5-153371	2062	-	Correction to CQI reporting under AWGN for eDL-MIMO	12.6.0	12.7.0
2015-09	RAN#69	R5-153372	2063	-	Correction to CQI reporting under fading(PUSCH3-1) for eDL-MIMO	12.6.0	12.7.0

2015-09	RAN#69	R5-153373	2064	-	Correction to CQI reporting under fading(PUCCH1-1) for eDL-MIMO	12.6.0	12.7.0
2015-09	RAN#69	R5-153375	2066	-	Correction to RI reporting test for eDL-MIMO	12.6.0	12.7.0
2015-09	RAN#69	R5-153377	2068	-	Correction to CQI reporting test for TM9	12.6.0	12.7.0
2015-09	RAN#69	R5-153378	2069	-	Correction to feICIC CQI reporting test procedure in 9.2.1.5_E.1	12.6.0	12.7.0
2015-09	RAN#69	R5-153423	2075	-	Updates of ?TIB,c values to TC 6.2.5	12.6.0	12.7.0
2015-09	RAN#69	R5-153460	2091	-	Correction of 1A-3A-5A CA REFSENS DL Allocation	12.6.0	12.7.0
2015-09	RAN#69	R5-153462	2092	-	Addition of several definitions to chapter 3	12.6.0	12.7.0
2015-09	RAN#69	R5-153474	2095	-	Applicability Update of Intra-Band DL-only CA testcases in Chapter 7	12.6.0	12.7.0
2015-09	RAN#69	R5-153613	2122	-	Introduction of Receiver Spurious emissions test case for Carrier Aggregation in DL-only bands	12.6.0	12.7.0
2015-09	RAN#69	R5-153624	2126	-	New CA 2UL Tx test case 6.6.2.3A.2 Adjacent Channel Leakage power Ratio for CA (inter-band DL CA and UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153629	2127	-	Test Tolerances for test case 6.3.4A.1.3 General ON/OFF time mask for CA (intra-band contiguous DL CA and UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153630	2128	-	Test Tolerances for test case 6.3.4A.1.1 General ON/OFF time mask for CA (intra-band contiguous DL CA and UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153633	2130	-	Test Tolerances for test case 6.6.1A.3 Occupied bandwidth for CA (intra-band non-contiguous DL CA and UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153634	2131	-	Test Tolerances for test case 6.6.2.1A.3 Spectrum emission mask for CA (intra-band non-contiguous DL CA and UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153646	2135	-	36.521-1_Reference corrections in test 6.6.3.2	12.6.0	12.7.0
2015-09	RAN#69	R5-153671	2145	-	Resubmission: CA RF: Clarification of PHICH configuration	12.6.0	12.7.0
2015-09	RAN#69	R5-153800	2070	1	Correction to applicability of feICIC demod test cases	12.6.0	12.7.0
2015-09	RAN#69	R5-153801	2057	1	Correction to test procedure in 7.8.1A.4 Wideband intermodulation for non-contiguous CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153802	2090	1	Correction to Testpoint Selection in Chapter 7 NC CA Testcases	12.6.0	12.7.0
2015-09	RAN#69	R5-153803	2048	1	Correction to title of table A 3.2-3 and A 3.2-4 in annex A.3.2	12.6.0	12.7.0
2015-09	RAN#69	R5-153804	2061	1	Correction to message exceptions in performance test(User-Specific RS) for eDL-MIMO	12.6.0	12.7.0
2015-09	RAN#69	R5-153805	2065	1	Correction to PMI reporting test for eDL-MIMO	12.6.0	12.7.0
2015-09	RAN#69	R5-153806	2067	1	Correction to TM9 interference model test cases	12.6.0	12.7.0
2015-09	RAN#69	R5-153807	2078	1	Updates to 8.7.2.1.A_1 TDD Sustained data rate performance for CA (2DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153810	2087	1	Correction to test point selection table for all chap8/9 FDD and TDD 2DLCA cases	12.6.0	12.7.0
2015-09	RAN#69	R5-153821	2012	1	Update to FDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for CA (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153822	2024	1	Addition of annex F for Reference sensitivity for 3DL CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153823	2039	1	CA RF: Update of test points for CA_12B	12.6.0	12.7.0
2015-09	RAN#69	R5-153827	2094	1	Addition of 3DL CA default XB-YA configuration to REFSENS test configuration table	12.6.0	12.7.0

2015-09	RAN#69	R5-153836	1999	1	Introduction of SUMIMO for LTE Type C performance TC 8.2.2.3.1B	12.6.0	12.7.0
2015-09	RAN#69	R5-153837	2111	1	Addition of Reference measurement channel and overview reference for multi-cell test in Annex	12.6.0	12.7.0
2015-09	RAN#69	R5-153838	2112	1	Introduction of FDD TM3 test case for LTE Type C performance requirements (8.2.1.3.1B)	12.6.0	12.7.0
2015-09	RAN#69	R5-153839	2113	1	Introduction of FDD TM3 multi-cell test case with TM1 interference for LTE Type C performance requirements (8.2.1.3.1C)	12.6.0	12.7.0
2015-09	RAN#69	R5-153840	2114	1	Introduction of TDD TM3 multi-cell test case with TM1 interference for LTE Type C performance requirements (8.2.2.3.1C)	12.6.0	12.7.0
2015-09	RAN#69	R5-153841	2115	1	Introduction of FDD TM4 test case for LTE Type C performance requirements (8.2.1.4.2A)	12.6.0	12.7.0
2015-09	RAN#69	R5-153842	2116	1	Introduction of TDD TM4 test case for LTE Type C performance requirements (8.2.2.4.2A)	12.6.0	12.7.0
2015-09	RAN#69	R5-153843	2117	1	Introduction of TDD TM8 test case for LTE Type C performance requirements (8.3.2.2.2)	12.6.0	12.7.0
2015-09	RAN#69	R5-153844	2118	1	Introduction of FDD TM9 test case for LTE Type C performance requirements (8.3.1.2.2)	12.6.0	12.7.0
2015-09	RAN#69	R5-153845	2119	1	Addition of Enhanced performance requirements Type C definition	12.6.0	12.7.0
2015-09	RAN#69	R5-153848	1997	1	Update of eDL MIMO enhancement TC 9.4.2.3.3_G	12.6.0	12.7.0
2015-09	RAN#69	R5-153849	1998	1	Update of eDL MIMO enhancement TC 9.4.2.3.4_G	12.6.0	12.7.0
2015-09	RAN#69	R5-153851	2000	1	New TC: 9.7.1.2 TDD CQI reporting definition under AWGN conditions for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-153852	2125	1	RMC definitions for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-153853	2123	1	Additions to test case 6.2.2E - UE Maximum Output Power for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-153854	2124	1	Changes to test case 7.3E - Reference sensitivity level for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-153855	2026	1	Addition of new TC of Transmit off power for inter-band CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153856	2034	1	Addition of annex F for 2UL CA test cases	12.6.0	12.7.0
2015-09	RAN#69	R5-153858	2045	1	Introduction to test case 6.2.4A.3: Additional Maximum Power Reduction (A-MPR) for CA (intra-band non-contiguous DL CA and UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153859	2088	1	EVM for Intra-band contiguous UL CA for non-equal Channel BWs	12.6.0	12.7.0
2015-09	RAN#69	R5-153867	2150	-	Adding missing subclauses in Annex A.2	12.6.0	12.7.0
2015-09	RAN#69	R5-153868	2008	1	Align Test Procedure and Test requirements for 7.5A.5 ACS 3DL CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153869	2010	1	Align Test requirements for 7.4A.5 Max Input 3DL CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153870	2132	1	Completion to Test cases 9.6.1.1_A.2 and 9.6.1.2_A.2: FDD/TDD CQI Reporting under AWGN conditions – PUCCH 1-0 (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153873	2035	1	Updates of minimum requirements of Spurious emission band UE co-existence	12.6.0	12.7.0
2015-09	RAN#69	R5-153874	2001	1	New CA band combination CA_1A-5A-7A - Updates of 7.3.3 Delta RIB and 7.3A Refsens Test Configuration	12.6.0	12.7.0

2015-09	RAN#69	R5-153879	2036	1	CA RF: Update of intraband contiguous blocking requirements	12.6.0	12.7.0
2015-09	RAN#69	R5-153880	2096	1	Update of Reference sensitivity for CA_39A-41C and CA_39C-41A	12.6.0	12.7.0
2015-09	RAN#69	R5-153881	2121	1	Updates to test case 7.8.1A.5 Wideband intermodulation for CA (3DL CA without UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153882	2148	-	New CA band combinations (CA_1A-41C, CA_26A_41C) - Updates of 7.3.3 Delta RIB	12.6.0	12.7.0
2015-09	RAN#69	R5-153884	2147	-	Addition of Multiple Inter-band CA Configurations to 7.3A.4	12.6.0	12.7.0
2015-09	RAN#69	R5-153885	2011	1	Update to FDD PDSCH Open Loop Spatial Multiplexing 2x2 for CA (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153886	2013	1	Update to TDD PDSCH Open Loop Spatial Multiplexing 2x2 for CA (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153887	2014	1	Update to TDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for CA (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153888	2076	1	Updates to 8.2.2.1.1_A.2 TDD PDSCH Single Antenna Port Performance for CA (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153889	2077	1	Updates to 8.7.1.1.A_2 FDD Sustained data rate performance for CA (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153890	2079	1	Updates to 8.7.2.1.A_2 TDD Sustained data rate performance for CA (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153891	2086	1	Updates to TDD FDD CA test cases for PDSCH Single Antenna Port Performance	12.6.0	12.7.0
2015-09	RAN#69	R5-153892	2105	1	Update of FDD PDSCH Single Antenna Port Performance for CA (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153893	2106	1	TDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for TDD PCell (2DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153894	2107	1	TDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for TDD PCell (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153895	2149	1	New CA band combinations (CA_1A-41C, CA_26A_41C) - Updates of 7.3A Refsens	12.6.0	12.7.0
2015-09	RAN#69	R5-153902	1993	1	Introduction of eDL MIMO enhancement TC 9.3.7.1_G	12.6.0	12.7.0
2015-09	RAN#69	R5-153903	1994	1	Introduction of eDL MIMO enhancement TC 9.3.7.2_G	12.6.0	12.7.0
2015-09	RAN#69	R5-153904	1995	1	Introduction of eDL MIMO enhancement TC 9.4.1.4.1_G	12.6.0	12.7.0
2015-09	RAN#69	R5-153905	1996	1	Introduction of eDL MIMO enhancement TC 9.4.1.4.2_G	12.6.0	12.7.0
2015-09	RAN#69	R5-153906	2016	1	UE Cat 0 RF: Addition to Annex I	12.6.0	12.7.0
2015-09	RAN#69	R5-153907	2097	1	Addition of test case 7.4E - Maximum input level for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-153908	2120	1	Additions to test case 6.2.3E - Maximum Power Reduction (MPR) for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-153909	2144	1	Additions to test case 6.2.4E – Additional Maximum Power Reduction (A-MPR) for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-153912	2027	1	Addition of new TC of ON/OFF time mask for inter-band CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153913	2028	1	Addition of new TC of Occupied bandwidth for inter-band CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153914	2030	1	Addition of new TC of Spectrum emission mask for inter-band CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153915	2031	1	Addition of new TC of Transmitter Spurious emissions for inter-band CA	12.6.0	12.7.0

2015-09	RAN#69	R5-153916	2032	1	Addition of new TC of Spurious emission band UE co-existence for inter-band CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153917	2046	1	Introduction to test case 6.2.5A.2: Configured UE transmitted Output Power for CA (inter-band DL CA and UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153918	2047	1	Introduction to test case 6.2.5A.3: Configured UE transmitted Output Power for CA (intra-band non-contiguous DL CA and UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153920	2007	1	Update of 6.2.3_2 MPR for Multi-Cluster PUSCH	12.6.0	12.7.0
2015-09	RAN#69	R5-153921	2054	1	Correction to lower tolerances for CA_NS_05 in A-MPR	12.6.0	12.7.0
2015-09	RAN#69	R5-153922	2129	1	Corrections to test case 6.6.1A.1 Occupied bandwidth for CA (intra-band contiguous DL CA and UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-153923	2043	1	CA RF: Clean Up of UL resource allocation for interband 2DL CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153924	2002	1	Correction of minimum requirements and test procedures for 8.2.2.1.1_A.1	12.6.0	12.7.0
2015-09	RAN#69	R5-153925	2003	1	Corrections to 8.2.2.3.1_A.1	12.6.0	12.7.0
2015-09	RAN#69	R5-153926	2059	1	Correction to the title in 2DL CA performance test cases	12.6.0	12.7.0
2015-09	RAN#69	R5-153927	2060	1	Correction to FDD soft buffer test for CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153928	2134	1	36.521-1_CA power imbalance test updates	12.6.0	12.7.0
2015-09	RAN#69	R5-153944	2022	2	Updates of minimum requirements of reference sensitivity for 3DL CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153945	2023	2	Updates of Reference sensitivity for 3DL CA	12.6.0	12.7.0
2015-09	RAN#69	R5-153947	2146	1	UE Category Corrections to test case 8.2.1.4.2_A.1 from 36.521-1	12.6.0	12.7.0
2015-09	RAN#69	R5-153949	1985	1	Correction to RC.2 TDD Nr. HARQ Proc.	12.6.0	12.7.0
2015-09	RAN#69	R5-154002	1986	1	Introduction of TC 9.6.1.3.1 TDD FDD CA CQI Reporting – PUCCH 1-0 for FDD PCell (2DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154003	1987	1	Introduction of TC 9.6.1.3.2 TDD FDD CA CQI Reporting – PUCCH 1-0 for FDD PCell (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154004	1988	1	Introduction of TC 9.6.1.4.1 TDD FDD CA CQI Reporting – PUCCH 1-0 for TDD PCell (2DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154005	1989	1	Introduction of TC 9.6.1.4.2 TDD FDD CA CQI Reporting – PUCCH 1-0 for TDD PCell (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154006	2098	1	Addition of test case 7.5E - Adjacent Channel Selectivity (ACS) for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-154007	2099	1	Addition of test case 7.6.1E - In-band blocking for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-154008	2100	1	Addition of test case 7.6.2E - Out-of-band blocking for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-154009	2101	1	Addition of test case 7.6.3E - Narrow band blocking for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-154010	2102	1	Addition of test case 7.7E - Spurious response for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-154011	2103	1	Addition of test case 7.8.1E - Wide band Intermodulation for UE category 0	12.6.0	12.7.0
2015-09	RAN#69	R5-154012	2104	1	Addition of test case 7.9E - Spurious emissions for UE category 0	12.6.0	12.7.0

2015-09	RAN#69	R5-154014	2136	1	36.521-1_Test requirements correction in test 6.3.5.2	12.6.0	12.7.0
2015-09	RAN#69	R5-154015	2080	1	Addition of 8.7.5.1.1 TDD FDD CA Sustained data rate performance for FDD PCell (2DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154016	2081	1	Addition of 8.7.5.1.2 TDD FDD CA Sustained data rate performance for FDD PCell (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154017	2082	1	Addition of 8.7.5.2.1 TDD FDD CA Sustained data rate performance for TDD PCell (2DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154018	2083	1	Addition of 8.7.5.2.2 TDD FDD CA Sustained data rate performance for TDD PCell (3DL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154019	2049	1	Update to TC 7.6.1A.5 In-band blocking for CA (3DL CA without UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154022	2050	1	Update to TC 7.6.2A.5 Out-of-band blocking for CA (3DL CA without UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154023	2051	1	Update to TC 7.6.3A.5 Narrow band blocking for CA (3DL CA without UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154024	2052	1	Update to TC 7.7A.5 Spurious response for CA (3DL CA without UL CA)	12.6.0	12.7.0
2015-09	RAN#69	R5-154026	2084	2	Addition of SCE-L1 clause numbering principle in Annex I	12.6.0	12.7.0
2015-09	RAN#69	R5-154030	2009	1	Revise Power Control Relative power tolerance for 2 UL CA test case 6.3.5A.2.1	12.6.0	12.7.0
2015-09	RAN#69	R5-154031	2020	1	RF: Applicability of CSI requirements to UE Category 1 (for 36.521-1)	12.6.0	12.7.0
2015-09	RAN#69	-	-	-	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	RAN#70	R5-155112	2156	-	Addition of simplified CA testing method (Annex C.3.5) into 36.521-1	12.7.0	12.8.0
2015-12	RAN#70	R5-155113	2157	-	Uncertainty and Test Tolerance for FDD TM3 test case for LTE Type C performance requirements (8.2.1.3.1B)	12.7.0	12.8.0
2015-12	RAN#70	R5-155116	2160	-	Uncertainty and Test Tolerance for TDD TM8 test case for LTE Type C performance requirements (8.3.2.2.2)	12.7.0	12.8.0
2015-12	RAN#70	R5-155117	2161	-	Uncertainty and Test Tolerance for FDD TM9 test case for LTE Type C performance requirements (8.3.1.2.2)	12.7.0	12.8.0
2015-12	RAN#70	R5-155118	2162	-	Uncertainty and Test Tolerance for FDD TM3 multi-cell test case with TM1 interference for LTE Type C performance requirements (8.2.1.3.1C)	12.7.0	12.8.0
2015-12	RAN#70	R5-155119	2163	-	Uncertainty and Test Tolerance for TDD TM3 multi-cell test case with TM1 interference for LTE Type C performance requirements (8.2.2.3.1C)	12.7.0	12.8.0
2015-12	RAN#70	R5-155205	2169	-	Addition of test time for testing throughput ratios for eDL MIMO Enhancement	12.7.0	12.8.0
2015-12	RAN#70	R5-155300	2206	-	Update of editor's note for TC 6.6.2.2A.1	12.7.0	12.8.0
2015-12	RAN#70	R5-155309	2208	-	ProSe: Update of general chapters in 36.521-1	12.7.0	12.8.0
2015-12	RAN#70	R5-155312	2211	-	ProSe: Update of annexes in 36.521-1	12.7.0	12.8.0
2015-12	RAN#70	R5-155313	2212	-	Update of UE categories for R8 in 36.521-1	12.7.0	12.8.0
2015-12	RAN#70	R5-155316	2214	-	Update of UE categories for R11 in 36.521-1	12.7.0	12.8.0
2015-12	RAN#70	R5-155360	2215	-	Test description for test case 6.3.3A.3: UE Transmit OFF power for CA (intra-band non-contiguous DL CA and UL CA)	12.7.0	12.8.0

2015-12	RAN#70	R5-155361	2216	-	Correction to Test cases 9.6.1.1_A.1 and 9.6.1.2_A.1: FDD/TDD CQI Reporting under AWGN conditions – PUCCH 1-0 (2DL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-155394	2226	-	Updates of the test configuration about occupied bandwidth for CA (inter-band DL CA and UL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-155401	2228	-	Updates of message contents for ON/OFF time mask for 2UL inter-band CA	12.7.0	12.8.0
2015-12	RAN#70	R5-155405	2232	-	Updates of Refsens for 2UL inter-band CA	12.7.0	12.8.0
2015-12	RAN#70	R5-155406	2233	-	Addition of CA_3A-42A to 7.3A.3 and applicability updates for all inter-band 2DL CA receiver test cases	12.7.0	12.8.0
2015-12	RAN#70	R5-155409	2235	-	Updatest of CA demodulation applicabilities in general section	12.7.0	12.8.0
2015-12	RAN#70	R5-155420	2241	-	Changes to general clauses for Dual Connectivity	12.7.0	12.8.0
2015-12	RAN#70	R5-155425	2246	-	Introduction of the reference and abbreviations for Dual Connectivity	12.7.0	12.8.0
2015-12	RAN#70	R5-155426	2247	-	Removal of the duplicate clause 8.2.1.4.2_A.2.5	12.7.0	12.8.0
2015-12	RAN#70	R5-155444	2253	-	Clean up of Tx test cases	12.7.0	12.8.0
2015-12	RAN#70	R5-155446	2255	-	Correction to Rx UL CA test cases	12.7.0	12.8.0
2015-12	RAN#70	R5-155447	2256	-	Correction to reference channel for CQI requirements	12.7.0	12.8.0
2015-12	RAN#70	R5-155448	2257	-	Correction to UL RMC for single carrier SDR	12.7.0	12.8.0
2015-12	RAN#70	R5-155450	2259	-	Correction to CoMP demodulation requirements	12.7.0	12.8.0
2015-12	RAN#70	R5-155452	2261	-	Correction to Enhanced Performance Type A CQI reporting test	12.7.0	12.8.0
2015-12	RAN#70	R5-155453	2262	-	Correction to CQI and RI Reporting test cases for feICIC	12.7.0	12.8.0
2015-12	RAN#70	R5-155460	2265	-	CA RF: Update 3DL Refsense test requirements	12.7.0	12.8.0
2015-12	RAN#70	R5-155462	2267	-	Corrections to Refsense minimum requirements	12.7.0	12.8.0
2015-12	RAN#70	R5-155464	2269	-	CA RF: Update of test points for Rx inter-band test cases	12.7.0	12.8.0
2015-12	RAN#70	R5-155471	2274	-	Corrections to message contents for CSI 3DL CA TCs 9.6.1.3.2+9.6.1.4.2	12.7.0	12.8.0
2015-12	RAN#70	R5-155474	2275	-	Corrections to CA demodulation tests	12.7.0	12.8.0
2015-12	RAN#70	R5-155476	2276	-	Corrections to message exceptions for CSI-RS setting	12.7.0	12.8.0
2015-12	RAN#70	R5-155478	2278	-	Updates to Annexes A.2 and A.3	12.7.0	12.8.0
2015-12	RAN#70	R5-155530	2282	-	Addition of measurement uncertainty and test tolerances for TC 9.7.1.2 TDD CQI reporting definition under AWGN conditions for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155543	2283	-	Correction to Test Parameters for the test cases 10.1 and 10.2	12.7.0	12.8.0
2015-12	RAN#70	R5-155554	2289	-	Correction to 6.6.3.3A.1	12.7.0	12.8.0
2015-12	RAN#70	R5-155668	2325	-	Addition of CA configuration CA_2A-4A-5A in Reference sensitivity level for 3DL CA	12.7.0	12.8.0
2015-12	RAN#70	R5-155670	2326	-	Correction to DL RMCs for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155709	2331	-	Editorial corrections to TC 8.2.2.1.1_A.1	12.7.0	12.8.0
2015-12	RAN#70	R5-155745	2346	-	Correction to CQI test cases for LTE CA	12.7.0	12.8.0
2015-12	RAN#70	R5-155801	2288	1	Correction to 6.2.4A.1	12.7.0	12.8.0
2015-12	RAN#70	R5-155802	2254	1	Correction to 2DL CA Rx test cases	12.7.0	12.8.0

2015-12	RAN#70	R5-155803	2266	1	CA RF: Correction to message contents for 2DL Max Input Power TCs	12.7.0	12.8.0
2015-12	RAN#70	R5-155804	2213	1	Update of UE categories for R10 in 36.521-1	12.7.0	12.8.0
2015-12	RAN#70	R5-155807	2176	1	Add new LC MTC test case 9.7.2.1 FDD CQI Reporting under fading conditions for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155808	2177	1	Add new LC MTC test case 9.7.2.2 TDD CQI Reporting under fading conditions for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155809	2318	1	Test case 6.2.4E – Additional Maximum Power Reduction (A-MPR) for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155810	2321	1	Additions to test case 6.3.3E – UE Transmit OFF Power for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155811	2322	1	Additions to test case 6.3.4E.1 – General ON/OFF time mask for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155812	2329	1	Additions to test case 6.3.5E.1 – Power Control Absolute power tolerance for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155813	2330	1	Additions to test case 6.3.5E.2 – Power Control Relative power tolerance for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155814	2333	1	Additions to test case 6.5.1E – Frequency Error for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155815	2334	1	Additions to test case 6.5.2.1E.1 – Error Vector Magnitude for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155816	2336	1	Additions to test case 6.5.2.2E – Carrier Leakage for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155817	2338	1	Additions to test case 6.5.2.3E – In-band emissions for non allocated RB for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155818	2339	1	Additions to test case 6.5.2.4E – EVM equalizer spectrum flatness for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155819	2342	1	Additions to test case 6.2.5E – Configured Transmitted Power for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-155840	2158	1	Uncertainty and Test Tolerance for FDD TM4 test case for LTE Type C performance requirements (8.2.1.4.2A)	12.7.0	12.8.0
2015-12	RAN#70	R5-155841	2159	1	Uncertainty and Test Tolerance for TDD TM4 test case for LTE Type C performance requirements (8.2.2.4.2A)	12.7.0	12.8.0
2015-12	RAN#70	R5-155842	2165	1	Update of SUMIMO for LTE Type C performance TC 8.2.2.3.1B	12.7.0	12.8.0
2015-12	RAN#70	R5-155844	2151	1	New CA band combination CA_1A-3A-8A - Updates of 7.3A.5 RefSens	12.7.0	12.8.0
2015-12	RAN#70	R5-155845	2152	1	New CA band combination CA_1A-3A-8A - Updates of 7.3.3 Delta RIB	12.7.0	12.8.0
2015-12	RAN#70	R5-155846	2183	1	LTE Type B performance requirements - Addition of fixed reference channels into Annex A	12.7.0	12.8.0
2015-12	RAN#70	R5-155847	2184	1	LTE Type B performance requirements - Introduction of new interference models into Annex B.6	12.7.0	12.8.0
2015-12	RAN#70	R5-155848	2182	1	LTE Type B performance requirements - Changes to clause 3	12.7.0	12.8.0
2015-12	RAN#70	R5-155850	2236	1	Addition of new test cases for TDD FDD CA PDSCH Open Loop for FDD PCell(2DL and 3DL)	12.7.0	12.8.0
2015-12	RAN#70	R5-155851	2224	1	Update of 2DL TDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for TDD PCell (8.2.3.3.2.1)	12.7.0	12.8.0

2015-12	RAN#70	R5-155852	2225	1	Update of 3DL TDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for TDD PCell (8.2.3.3.2.2)	12.7.0	12.8.0
2015-12	RAN#70	R5-155853	2248	1	Update for Annex for TDD/FDD Perf test cases	12.7.0	12.8.0
2015-12	RAN#70	R5-155855	2250	1	Clean up of 3DL CA Rx test cases	12.7.0	12.8.0
2015-12	RAN#70	R5-155857	2280	1	Completion of Testcase 7.3A.5	12.7.0	12.8.0
2015-12	RAN#70	R5-155859	2272	1	CA RF: Correction to message contents for 3DL Max Input Power	12.7.0	12.8.0
2015-12	RAN#70	R5-155860	2327	1	Correction of BW to be tested and CA Capability to be tested for TM3 Test Cases	12.7.0	12.8.0
2015-12	RAN#70	R5-155861	2328	1	36.521-1 – CA_2A-12B updates	12.7.0	12.8.0
2015-12	RAN#70	R5-155892	2168	1	Correction of test cases title for eDL MIMO Enhancement test cases	12.7.0	12.8.0
2015-12	RAN#70	R5-155893	2263	1	Corrections to eDL MIMO enhancement TC 9.3.7.1_G+9.3.7.2_G	12.7.0	12.8.0
2015-12	RAN#70	R5-155894	2264	1	Corrections to eDL MIMO enhancement TC 9.4.1.4.1_G+9.4.1.4.2_G	12.7.0	12.8.0
2015-12	RAN#70	R5-156006	2229	1	Addition of initial conditions for frequency error for 2UL inter-band CA	12.7.0	12.8.0
2015-12	RAN#70	R5-156007	2230	1	Updates of SEM for 2UL inter-band CA	12.7.0	12.8.0
2015-12	RAN#70	R5-156008	2231	1	Updates of test requirements for general spurious for 2UL inter-band CA	12.7.0	12.8.0
2015-12	RAN#70	R5-156013	2210	1	ProSe: Additions to Annexes for RF testing	12.7.0	12.8.0
2015-12	RAN#70	R5-156014	2209	1	ProSe: Reference sensitivity test	12.7.0	12.8.0
2015-12	RAN#70	R5-156016	2242	1	Introduction of FDD PDSCH Closed Loop Multi-Layer Spatial Multiplexing 4x2 for Dual Connectivity	12.7.0	12.8.0
2015-12	RAN#70	R5-156017	2243	1	Introduction of TDD PDSCH Closed Loop Multi-Layer Spatial Multiplexing 4x2 for Dual Connectivity	12.7.0	12.8.0
2015-12	RAN#70	R5-156018	2244	1	Introduction of FDD sustained data rate performance for Dual Connectivity	12.7.0	12.8.0
2015-12	RAN#70	R5-156019	2245	1	Introduction of TDD sustained data rate performance for Dual Connectivity	12.7.0	12.8.0
2015-12	RAN#70	R5-156020	2207	1	Update of RB configurations for TC 7.3A.5	12.7.0	12.8.0
2015-12	RAN#70	R5-156021	2222	1	Addition of soft-buffer test cases for FDD-TDD 2DL CA (8.2.3.2.1A, 8.2.3.2.2A)	12.7.0	12.8.0
2015-12	RAN#70	R5-156022	2234	1	Delta RIB,c updates for 3DL CA supporting UE	12.7.0	12.8.0
2015-12	RAN#70	R5-156023	2237	1	Addition of new test cases for TDD FDD CA PDSCH Closed Loop 4x2 for FDD PCell (2DL and 3DL)	12.7.0	12.8.0
2015-12	RAN#70	R5-156024	2239	1	Correction to test point selection table for TDD-FDD CA cases	12.7.0	12.8.0
2015-12	RAN#70	R5-156025	2251	1	Correction to 7.3A.5	12.7.0	12.8.0
2015-12	RAN#70	R5-156026	2252	1	Update CA perf test cases in clause 8	12.7.0	12.8.0
2015-12	RAN#70	R5-156027	2271	1	CA RF: Update to 3DL Refsense test configurations	12.7.0	12.8.0
2015-12	RAN#70	R5-156028	2281	1	Improvements to 3DL OOB Testcase (7.6.2A.5)	12.7.0	12.8.0
2015-12	RAN#70	R5-156029	2295	1	Updates to 8.7.5 about TDD-FDD CA SDR performance test	12.7.0	12.8.0
2015-12	RAN#70	R5-156030	2337	1	36.521-1: CA_1A-3A-20A & CA_1A-7A-20A updates	12.7.0	12.8.0

2015-12	RAN#70	R5-156031	2346	1	Addition of 2x2 FDD-TDD CA test cases with TDD PCELL	12.7.0	12.8.0
2015-12	RAN#70	R5-156035	2170	1	New TC: 8.9.1.1.2 FDD Closed-loop spatial multiplexing performance (Cell-Specific Reference Symbols) for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156036	2171	1	New TC: 8.9.1.2.2 TDD Closed-loop spatial multiplexing performance (Cell-Specific Reference Symbols) for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156037	2173	1	Add new LC MTC test case 8.9.1.1.3 FDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156038	2174	1	Add new LC MTC test case 8.9.1.2.1 TDD PDSCH Transmit Diversity for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156039	2175	1	Add new LC MTC test case 8.9.1.2.3 TDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156040	2189	1	Addition of Minimum test time for Demodulation performance for UE category 0 in Annex G	12.7.0	12.8.0
2015-12	RAN#70	R5-156041	2191	1	Introduction of new test case 8.9.2.2.1 MTC	12.7.0	12.8.0
2015-12	RAN#70	R5-156042	2240	1	Update of TC 9.7.1.2 TDD CQI reporting definition under AWGN conditions for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156043	2315	1	Update test requirement for MTC test cases: 7.6.1E, 7.6.2E and 7.6.3E	12.7.0	12.8.0
2015-12	RAN#70	R5-156044	2316	1	Addition of Maximum Test System Uncertainty and Derivation of Test Requirements in Annex F for MTC test cases	12.7.0	12.8.0
2015-12	RAN#70	R5-156045	2317	1	Additions to test case 6.2.3E - Maximum Power Reduction (MPR) for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156046	2320	1	Additions to test case 6.3.2E – Minimum Output Power for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156047	2332	1	Additions to test case 6.3.5E.3 – Aggregate power control tolerance for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156048	2340	1	Additions to test case 6.6.1E – Occupied bandwidth for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156049	2341	1	Additions to test case 6.6.2.1E – Spectrum Emission Mask for UE category 0	12.7.0	12.8.0
2015-12	RAN#70	R5-156057	2193	1	New CA 2UL Tx test case 6.5.1A.3 Frequency Error for CA (intra-band non-contiguous DL CA and UL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156058	2291	1	New TC of A-MPR for 2UL inter-band CA (6.2.4A.2)	12.7.0	12.8.0
2015-12	RAN#70	R5-156059	2293	1	New TC of Additional spurious emissions for intra-band non-contiguous CA 6.6.3.3A.3	12.7.0	12.8.0
2015-12	RAN#70	R5-156062	2166	1	Addition of Minimum test time for LTE Type C performance in Annex G	12.7.0	12.8.0
2015-12	RAN#70	R5-156063	2297	1	Addition of new TC 7.4_H Maximum input level for SCE-L1	12.7.0	12.8.0
2015-12	RAN#70	R5-156064	2298	1	Addition of new TC 7.4A.1_H Maximum input level for SCE-L1 for CA (intra-band contiguous DL CA and UL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156065	2299	1	Addition of new TC 7.4A.2_H Maximum input level for SCE-L1for CA (intra-band contiguous DL CA without UL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156066	2300	1	Addition of new TC 7.4A.5_H Maximum input level for SCE-L1 for CA (3DL CA without UL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156089	2185	1	LTE Type B performance requirements - Introduction of new test cases 8.2.1.2.5 and 8.2.1.2.6	12.7.0	12.8.0

2015-12	RAN#70	R5-156090	2186	1	LTE Type B performance requirements - Introduction of new test cases 8.2.2.2.6 and 8.2.2.2.7	12.7.0	12.8.0
2015-12	RAN#70	R5-156091	2187	1	LTE Type B performance requirements - Introduction of new test cases 9.3.8.1.1 and 9.3.8.1.2	12.7.0	12.8.0
2015-12	RAN#70	R5-156092	2188	1	LTE Type B performance requirements - Adding six NAICS test cases into Annex F and G	12.7.0	12.8.0
2015-12	RAN#70	R5-156095	2155	1	Update Minimum requirements for test case 6.2.3A.1	12.7.0	12.8.0
2015-12	RAN#70	R5-156096	2227	1	Updates of test configuration for OBW for intra-band contiguous UL CA	12.7.0	12.8.0
2015-12	RAN#70	R5-156097	2268	1	CA RF: Minor corrections to section 6.6.3.3A	12.7.0	12.8.0
2015-12	RAN#70	R5-156098	2292	1	Revise Configured UE transmitted Output Power for 2UL intra-band contiguous CA test case 6.2.5A.1	12.7.0	12.8.0
2015-12	RAN#70	R5-156100	2167	1	Deleting redundant and outdated Demod scenario in Minimum test time	12.7.0	12.8.0
2015-12	RAN#70	R5-156101	2258	1	Clarification of DL configuration for wideband	12.7.0	12.8.0
2015-12	RAN#70	R5-156102	2260	1	Correction to Enhanced Performance Type A performance test cases	12.7.0	12.8.0
2015-12	RAN#70	R5-156103	2277	1	Correction and addition of minimum test time for several tests	12.7.0	12.8.0
2015-12	RAN#70	R5-156104	2284	1	Correction to test cases of the section of 9.5.1	12.7.0	12.8.0
2015-12	RAN#70	R5-156110	2190	1	Introduction of new test case 8.9.2.1.1 MTC	12.7.0	12.8.0
2015-12	RAN#70	R5-156113	2301	1	Addition of new TC 8.2.1.4.1_H FDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 2x2 for SCE-L1	12.7.0	12.8.0
2015-12	RAN#70	R5-156114	2302	1	Addition of new TC 8.2.2.4.1_H TDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 2x2 for SCE-L1	12.7.0	12.8.0
2015-12	RAN#70	R5-156115	2303	1	Addition of new TC 8.3.1.1.1_H FDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 without a simultaneous transmission for SCE-L1 for eDL-MIMO	12.7.0	12.8.0
2015-12	RAN#70	R5-156116	2304	1	Addition of new TC 8.3.2.1.2_H TDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 without a simultaneous transmission for eDL-MIMO for SCE-L1	12.7.0	12.8.0
2015-12	RAN#70	R5-156117	2305	1	Addition of new TC 8.7.1.1_H FDD sustained data rate performance for SCE-L1	12.7.0	12.8.0
2015-12	RAN#70	R5-156118	2306	1	Addition of new TC 8.7.1.1_H.2 FDD Sustained data rate performance for CA for SCE-L1 (2DL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156119	2307	1	Addition of new TC 8.7.1.1_H.3 FDD Sustained data rate performance for CA for SCE-L1 (3DL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156120	2308	1	Addition of new TC 8.7.2.1_H.1 TDD sustained data rate performance for SCE-L1 (Single Carrier)	12.7.0	12.8.0
2015-12	RAN#70	R5-156121	2309	1	Addition of new TC 8.7.2.1_H.2 TDD sustained data rate performance for CA for SCE-L1 (2DL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156122	2310	1	Addition of new TC 8.7.2.1_H.3 TDD Sustained data rate performance for CA for SCE-L1 (3DL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156124	2312	1	Addition of new TC 8.7.5.1_H.2 TDD FDD CA Sustained data rate performance for FDD PCell for SCE-L1 (3DL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156125	2313	1	Addition of new TC 8.7.5.2_H.1 TDD FDD CA Sustained data rate performance for TDD PCell for SCE-L1 (2DL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156126	2314	1	Addition of new TC 8.7.5.2_H.2 TDD FDD CA Sustained data rate performance for TDD PCell for SCE-L1 (3DL CA)	12.7.0	12.8.0

2015-12	RAN#70	R5-156130	2192	2	New CA 2UL Tx test case 6.3.5A.3.3 of Aggregate Power Control Tolerance for CA (intra-band non-contiguous DL CA and UL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156131	2290	2	New TC of Aggregate Power Control Tolerance for 2UL inter-band CA(6.3.5A.3.2)	12.7.0	12.8.0
2015-12	RAN#70	R5-156133	2294	1	Correction to the applicable test release of 1.4MHz Bandwidth MBMS test	12.7.0	12.8.0
2015-12	RAN#70	R5-156134	2164	1	Update to in-band Emissions Limits for less than 1GHz Carrier Frequencies	12.7.0	12.8.0
2015-12	RAN#70	R5-156183	2311	1	Addition of new TC 8.7.5.1_H.1 TDD FDD CA Sustained data rate performance for FDD PCell for SCE-L1 (2DL CA)	12.7.0	12.8.0
2015-12	RAN#70	R5-156071	2153	1	New TC: Maximum Power Reduction (MPR) for CA (intra-band contiguous DL CA and UL CA) for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156073	2194	1	New TC: 6.2.3_3 MPR for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156074	2195	1	New TC: 6.2.3_4 MPR for Multi-Cluster PUSCH with UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156075	2196	1	New TC: 6.2.4_2 AMPR for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156076	2197	1	New TC: 6.5.2.1_1 EVM for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156077	2198	1	New TC: 6.5.2A.1.1_1 EVM for CA with UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156078	2199	1	New TC: 6.6.2.2_1 Additional Spectrum Emission Mask for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156079	2200	1	New TC: 6.6.2.3_3 ACLR for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156080	2201	1	New TC: 6.6.2.3_4 ACLR for Multi-Cluster PUSCH with UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156081	2202	1	New TC: 6.6.3.3_1 Additional spurious emissions for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156082	2203	1	Addition of RMCs for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156083	2204	1	Introduction of uncertainties and TTs in Annex F for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156084	2285	1	New TC: A-MPR for CA (intra-band contiguous DL CA and UL CA) for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156085	2286	1	New TC: A-SEM for CA (intra-band contiguous DL CA and UL CA) for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156086	2287	1	New TC: Additional spurious emissions for CA (intra-band contiguous DL CA and UL CA) for UL 64QAM	12.8.0	13.0.0
2015-12	RAN#70	R5-156188	2154	2	New TC: Adjacent Channel Leakage power Ratio for CA (intra-band contiguous DL CA and UL CA) for UL 64QAM	12.8.0	13.0.0
2016-01	RAN#70	R5-156099	2324	1	introduction of R5-156099 "Introduction of new A-MPR test with PUSCH frequency hopping" with the test case renumbered to 6.2.4_3 after working group agreement to avoid duplication	13.0.0	13.0.1
2016-03	RAN#71	R5-160025	2347	-	Update to NAICS test cases to release NAICS configuration	13.0.1	13.1.0
2016-03	RAN#71	R5-160026	2348	-	Test Tolerances for FDD PDSCH Transmit Diversity 2x2 with TM2 Interference Model– Enhanced Performance Requirement Type B (8.2.1.2.5)	13.0.1	13.1.0
2016-03	RAN#71	R5-160027	2349	-	Test Tolerances for FDD PDSCH Transmit Diversity 2x2 with TM9 Interference Model– Enhanced Performance Requirement Type B (8.2.1.2.6)	13.0.1	13.1.0

2016-03	RAN#71	R5-160028	2350	-	Test Tolerances for TDD PDSCH Transmit Diversity 2x2 with TM2 Interference Model– Enhanced Performance Requirement Type B (8.2.2.2.6)	13.0.1	13.1.0
2016-03	RAN#71	R5-160029	2351	-	Test Tolerances for TDD PDSCH Transmit Diversity 2x2 with TM9 Interference Model– Enhanced Performance Requirement Type B (8.2.2.2.7)	13.0.1	13.1.0
2016-03	RAN#71	R5-160030	2352	-	Test Tolerances FDD and TDD CQI reporting under fading conditions (PUCCH) TM4 - Enhanced Receiver Type B (9.3.8.1.1 and 9.3.8.1.2)	13.0.1	13.1.0
2016-03	RAN#71	R5-160067	2362	-	Correction to UE output power of Tx test cases 6.5.2.3	13.0.1	13.1.0
2016-03	RAN#71	R5-160068	2363	-	Correction to some incorrect sentences of Tx test case 6.5.2A.3.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160106	2368	-	Update of Test Tolerance for eDL MIMO enhancement test cases	13.0.1	13.1.0
2016-03	RAN#71	R5-160107	2369	-	Removal of technical content in 36.521-1 v12.8.0 and substitution with pointer to the next Release	13.0.1	13.1.0
2016-03	RAN#71	R5-160124	2371	-	Correction to test case 8.7.1.1_A.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160125	2372	-	Correction to test case 9.3.2.1.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160139	2375	-	Test Tolerances for 9.6.1.3.1+9.6.1.3.2+9.6.1.4.1+9.6.1.4.2 2DL-3DL CA	13.0.1	13.1.0
2016-03	RAN#71	R5-160141	2376	-	TTs to Annex F for 2DL and 3DL CA	13.0.1	13.1.0
2016-03	RAN#71	R5-160155	2382	-	Test Tolerances for 9.3.7.1+9.3.7.2 eDL MIMO enhancement	13.0.1	13.1.0
2016-03	RAN#71	R5-160159	2383	-	Test Tolerances for 9.4.1.4.1+9.4.1.4.2+9.4.2.3.3+9.4.2.3.4 eDL MIMO enhancement	13.0.1	13.1.0
2016-03	RAN#71	R5-160162	2385	-	Corrections to eDL MIMO enhancements Annex B to include High XP 4x2	13.0.1	13.1.0
2016-03	RAN#71	R5-160164	2386	-	Corrections to EVM test case 6.5.2A.1.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160165	2387	-	Update of uncertainty and TT references for TC 6.2.4E and 6.2.5E	13.0.1	13.1.0
2016-03	RAN#71	R5-160169	2390	-	Addition of 4 Rx part to Diversity characteristics	13.0.1	13.1.0
2016-03	RAN#71	R5-160203	2391	-	Revise Power Control Relative power tolerance for CA (intra-band contiguous DL CA and UL CA) test case 6.3.5A.2.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160281	2419	-	Addition of delta TIB for the new CA configuration CA_3A-41A in sub-clause 6.2.5	13.0.1	13.1.0
2016-03	RAN#71	R5-160334	2423	-	Updates of Spurious emission band UE co-existence for CA (inter-band DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-160337	2425	-	Annex F update for frequency error for inter-band 2UL CA	13.0.1	13.1.0
2016-03	RAN#71	R5-160338	2426	-	Correction and updates to test requirements of Reference sensitivity for inter-band 2DL CA	13.0.1	13.1.0
2016-03	RAN#71	R5-160344	2428	-	Updates of some Rel-13 defined CA combinations to minimum requirements of Reference sensitivity for CA	13.0.1	13.1.0
2016-03	RAN#71	R5-160345	2429	-	Updates of delta TIB,c values and table references for delta TIB,c	13.0.1	13.1.0
2016-03	RAN#71	R5-160377	2437	-	R10 Remove editor's note for CA_39C spurious emission test	13.0.1	13.1.0
2016-03	RAN#71	R5-160441	2439	-	Update to MTC test case 8.9.2.1.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160442	2440	-	Update to MTC RF test applicability for Editor's Note	13.0.1	13.1.0

2016-03	RAN#71	R5-160459	2443	-	Rel-13 Test point reduction for UL 64QAM multi-cluster MPR and ACLR tests	13.0.1	13.1.0
2016-03	RAN#71	R5-160461	2445	-	Rel-13 Test point reduction for UL 64QAM AMPR and ASEM tests	13.0.1	13.1.0
2016-03	RAN#71	R5-160462	2446	-	Rel-13 Test point reduction for UL 64QAM CA MPR and ACLR tests	13.0.1	13.1.0
2016-03	RAN#71	R5-160464	2448	-	Rel-13 Test point reduction for UL 64QAM CA AMPR, ASEM and ASE tests	13.0.1	13.1.0
2016-03	RAN#71	R5-160482	2451	-	Correction to the minimum test time reference in TDD/FDD CA performance	13.0.1	13.1.0
2016-03	RAN#71	R5-160483	2452	-	Correction to UL CA Tx tests	13.0.1	13.1.0
2016-03	RAN#71	R5-160484	2453	-	Clean up on performance test cases	13.0.1	13.1.0
2016-03	RAN#71	R5-160485	2454	-	Correction to 9.5.5.1_F.1 and 9.5.5.1_F.2 for RI Reporting test with CoMP	13.0.1	13.1.0
2016-03	RAN#71	R5-160486	2455	-	Correction to 8.2.2.2.4 and 8.2.2.4.3 for Enhanced Performance Type A	13.0.1	13.1.0
2016-03	RAN#71	R5-160487	2456	-	Correction to CQI reporting tests for Enhanced Performance Type A	13.0.1	13.1.0
2016-03	RAN#71	R5-160488	2457	-	Correction to CQI and RI reporting tests for feICIC	13.0.1	13.1.0
2016-03	RAN#71	R5-160490	2459	-	Correction to PCFICH/PDCCH and PHICH Tx Diversity for feICIC	13.0.1	13.1.0
2016-03	RAN#71	R5-160491	2460	-	Correction to G.5.4 for minimum test time	13.0.1	13.1.0
2016-03	RAN#71	R5-160504	2462	-	New CA band combination CA_41A_42C - Updates of 6.2.5.3 Delta TIB	13.0.1	13.1.0
2016-03	RAN#71	R5-160506	2463	-	New CA band combination CA_41A_42C - Updates of 7.3.3 Delta RIB	13.0.1	13.1.0
2016-03	RAN#71	R5-160527	2468	-	Addition of operating band and channel assignments for the new Intel assigned CA configuration	13.0.1	13.1.0
2016-03	RAN#71	R5-160569	2477	-	Correction to PMI Reporting for eDL-MIMO	13.0.1	13.1.0
2016-03	RAN#71	R5-160578	2480	-	Minor corrections to applicabilities of TCs 8.2.2.2.3_E.1 & 8.2.2.3.3_E.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160580	2482	-	Correction to PDCP SDU size in TC 8.7.2.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160582	2484	-	CA RF: Corrections to Notes in TC 7.3A.3	13.0.1	13.1.0
2016-03	RAN#71	R5-160583	2485	-	CA RF: Corrections to Notes in TC 7.3A.5	13.0.1	13.1.0
2016-03	RAN#71	R5-160584	2486	-	CA RF: Minor correction to Note in TC 7.3A.6	13.0.1	13.1.0
2016-03	RAN#71	R5-160586	2488	-	Corrections to DL 256QAM SDR Test Cases	13.0.1	13.1.0
2016-03	RAN#71	R5-160587	2489	-	Corrections to TDD FDD CA SDR Test Cases	13.0.1	13.1.0
2016-03	RAN#71	R5-160588	2490	-	Addition of Maximum Wgap definition	13.0.1	13.1.0
2016-03	RAN#71	R5-160590	2492	-	Corrections to TDD FDD CA Closed Loop Spatial Multiplexing TCs	13.0.1	13.1.0
2016-03	RAN#71	R5-160592	2494	-	Corrections to TDD FDD CA Test Applicability tables in section 8.1.2.3B	13.0.1	13.1.0
2016-03	RAN#71	R5-160622	2497	-	Addition of delta RIB for CA_3A-41A in TC 7.3.3	13.0.1	13.1.0
2016-03	RAN#71	R5-160681	2516	-	Introduction of test case 6.6.2.3A.3 - Adjacent Channel Leakage power Ratio for CA (intra-band non-contiguous DL CA and UL CA)	13.0.1	13.1.0

2016-03	RAN#71	R5-160686	2519	-	Add reference to TR 36.905 in 36.521-1	13.0.1	13.1.0
2016-03	RAN#71	R5-160801	2479	1	Annex F: Corrections for intra-band contiguous UL CA Test Cases	13.0.1	13.1.0
2016-03	RAN#71	R5-160802	2483	1	Minor correction to TC 6.6.3.2	13.0.1	13.1.0
2016-03	RAN#71	R5-160803	2487	1	Removal of editor's notes in TC 6.5.2A.2.1 & 6.5.2A.3.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160804	2466	1	Correction to UE category information in test case 8.2.1.1.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160805	2467	1	Correction to test case applicability for test case 9.2.1.3_C.1 and 9.2.1.4_C.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160811	2430	1	Updates of delta RIB,c values and table references for delta RIB,c	13.0.1	13.1.0
2016-03	RAN#71	R5-160812	2431	1	Addition of CA_19A-28A and CA_21A-42A to refsens for inter-band 2DL CA	13.0.1	13.1.0
2016-03	RAN#71	R5-160813	2432	1	Updates of test points and test requirements of some Rel-13 defined CA combinations for Reference sensitivity for 3DL CA	13.0.1	13.1.0
2016-03	RAN#71	R5-160814	2469	1	Addition of CA configurations and bandwidth combination sets for the new CA configuration	13.0.1	13.1.0
2016-03	RAN#71	R5-160815	2496	1	Add delta TIB for the new CA_20A-67A configuration in sub-clause 6.2.5.	13.0.1	13.1.0
2016-03	RAN#71	R5-160819	2400	1	Addition of new TC 7.4A.3_H Maximum input level for CA (inter-band DL CA without UL CA) for 256QAM in DL	13.0.1	13.1.0
2016-03	RAN#71	R5-160820	2401	1	Addition of new TC 7.4A.4_H Maximum input level for CA (intra band non-contiguous DL CA without UL CA) for 256QAM in DL	13.0.1	13.1.0
2016-03	RAN#71	R5-160825	2436	1	Rel-10 Test point reduction for UL 64QAM multi-cluster MPR and ACLR tests	13.0.1	13.1.0
2016-03	RAN#71	R5-160828	2422	1	Updates to TM3 TDD-FDD Soft buffer 2DLCA test cases	13.0.1	13.1.0
2016-03	RAN#71	R5-160829	2493	1	Corrections to TDD FDD CA TCs 9.6.1.3.1 and 9.6.1.4.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160831	2520	1	Test points for CA_4A-4A-13A in Reference sensitivity test case	13.0.1	13.1.0
2016-03	RAN#71	R5-160835	2379	1	Addition of UL CA capability for CA_4A-4A in Table 5.4.2A.1-3	13.0.1	13.1.0
2016-03	RAN#71	R5-160836	2380	1	Correction for table references in TC 6.6.3.2A.1	13.0.1	13.1.0
2016-03	RAN#71	R5-160837	2381	1	Renaming of Table 6.6.3.2A-3a	13.0.1	13.1.0
2016-03	RAN#71	R5-160838	2409	1	Update to Annex F for TC 6.3.5A.1.2, 6.3.5A.1.3	13.0.1	13.1.0
2016-03	RAN#71	R5-160839	2411	1	Update to TC 6.3.5A.1.2 Power Control Absolute Power Tolerance for CA (inter-band DL CA and UL CA).	13.0.1	13.1.0
2016-03	RAN#71	R5-160840	2412	1	Update to TC 6.3.5A.1.3 Power Control Absolute power tolerance for CA (intra-band non-contiguous DL CA and UL CA).	13.0.1	13.1.0
2016-03	RAN#71	R5-160841	2416	1	Correction to test case 6.2.5A.3	13.0.1	13.1.0
2016-03	RAN#71	R5-160845	2424	1	Addition of new test case for additional spurious for inter-band 2UL CA and updates for A-MPR for inter-band 2UL CA	13.0.1	13.1.0
2016-03	RAN#71	R5-160846	2518	1	Introduction of test case 7.3A.7 - Reference sensitivity level for CA (intra-band non-contiguous DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-160849	2470	1	New TC: FDD CQI Reporting under fading conditions - PUCCH 1-1 (CSI Reference Symbol) TM9 - Enhanced Receiver Type B	13.0.1	13.1.0

2016-03	RAN#71	R5-160850	2471	1	New TC: TDD CQI Reporting under fading conditions - PUCCH 1-1 (CSI Reference Symbol) TM9 - Enhanced Receiver Type B	13.0.1	13.1.0
2016-03	RAN#71	R5-160852	2393	1	Update to TC 8.9.1.1.3 FDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160853	2394	1	Update to TC 8.9.1.2.1 TDD PDSCH Transmit Diversity for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160854	2395	1	Update to TC 8.9.1.2.3 TDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160855	2408	1	Update to TC 9.7.2.2 TDD CQI reporting definition under fading conditions for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160856	2420	1	Update to TC 9.7.2.1 FDD and Half duplex FDD CQI reporting definition under fading conditions for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160858	2498	1	Additions to test case 6.6.2.2E – Additional Spectrum Emission Mask for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160859	2500	1	Additions to test case 6.6.3E.3 – Additional spurious emissions for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160860	2501	1	Additions to test case 6.6.2.3E – Adjacent Channel Leakage power Ratio for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160861	2504	1	Additions to test case 6.3.4E.2 – PRACH and SRS ON/OFF time mask for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160862	2506	1	Additions to test case 6.7E – Transmit intermodulation for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160863	2508	1	Additions to test case 6.5.2.1E.2 – PUSCH-EVM with exclusion period for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160864	2510	1	Additions of overlying section 6.6.3E-Spurious emission for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160865	2511	1	Additions of overlying sections 6.3.5C, 6.3.5D and 6.3.5E Power Control for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160866	2513	1	Additions to test case 6.2.3E - Maximum Power Reduction (MPR) for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160867	2515	1	Additions of overlying section 6.3.4E-ON/OFF time mask for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160868	2507	1	Additions to test case 6.6.3E.2 –Spurious emission band UE co-existence for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160869	2505	1	Additions to test case 6.6.3E.1 – Transmitter Spurious emissions for UE category 0	13.0.1	13.1.0
2016-03	RAN#71	R5-160870	2370	1	Updates and test tolerance to single antenna FDD-TDD CA test cases	13.0.1	13.1.0
2016-03	RAN#71	R5-160877	2384	1	TTs to Annex F for eDL MIMO enhancement	13.0.1	13.1.0
2016-03	RAN#71	R5-160878	2392	1	Update to Annex F for TC 8.9.1.1.3, 8.9.1.2.1, 8.9.1.2.3, 9.7.2.1, 9.7.2.2	13.0.1	13.1.0
2016-03	RAN#71	R5-161001	2495	1	Addition of B66 in Frequency bands and channel arrangement.	13.0.1	13.1.0
2016-03	RAN#71	R5-161004	2427	1	Updates of some Rel-13 defined CA combinations to chapter 5 of TS 36.521-1	13.0.1	13.1.0
2016-03	RAN#71	R5-161005	2449	1	New ProSe test case: Demodulation of PSDCH for ProSe direct discovery	13.0.1	13.1.0
2016-03	RAN#71	R5-161006	2450	1	New ProSe test case: Maximum input level test	13.0.1	13.1.0

2016-03	RAN#71	R5-161008	2398	1	Updates to TC 8.7.1.1_A.2 FDD Sustained data rate performance for CA (3DL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-161009	2421	1	Updates to TM3 TDD-FDD with TDD Pcell 2DLCA and 3DLCA test cases	13.0.1	13.1.0
2016-03	RAN#71	R5-161010	2491	1	Corrections to TDD FDD CA Open Loop Spatial Multiplexing TCs	13.0.1	13.1.0
2016-03	RAN#71	R5-161012	2502	1	36.521-1 Sensitivity test points revision for 3DL 1A-3A-7A	13.0.1	13.1.0
2016-03	RAN#71	R5-161014	2503	1	36.521-1 Sensitivity test points revision for 3DL 1A-3A-20A	13.0.1	13.1.0
2016-03	RAN#71	R5-161017	2417	1	Update to TC 6.2.4A.2 A-MPR for 2UL inter-band CA	13.0.1	13.1.0
2016-03	RAN#71	R5-161019	2356	1	New CA 2UL Tx test case 6.5.2A.1.3 Error Vector Magnitude (EVM) for CA (intra-band non-contiguous DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-161022	2359	1	New CA 2UL Tx test case 6.5.2A.3.2 In-band emissions for non allocated RB for CA (inter-band DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-161023	2360	1	New CA 2UL Tx test case 6.5.2A.3.3 In-band emissions for non allocated RB for CA (intra-band non-contiguous DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-161024	2361	1	New CA 2UL Tx test case 6.6.3.1A.3 Transmitter Spurious emissions for CA (intra-band non-contiguous DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-161025	2377	1	Addition of new LTE_CA_Rel12_2UL test case 6.6.3.2A.3	13.0.1	13.1.0
2016-03	RAN#71	R5-161026	2378	1	Completion of new LTE_CA_Rel12_2UL Test Case 6.7A.2	13.0.1	13.1.0
2016-03	RAN#71	R5-161028	2517	1	Introduction of test case 6.6.2.2A.2 - Additional Spectrum Emission Mask for CA (inter-band DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-161029	2407	1	Updates to Annex A for 256QAM test	13.0.1	13.1.0
2016-03	RAN#71	R5-161030	2403	1	Addition of new TC 9.2.1.7 FDD CQI Reporting under AWGN conditions – PUCCH 1-0 for 256QAM in DL	13.0.1	13.1.0
2016-03	RAN#71	R5-161031	2404	1	Addition of new TC 9.2.1.8 TDD CQI Reporting under AWGN conditions – PUCCH 1-0 for 256QAM in DL	13.0.1	13.1.0
2016-03	RAN#71	R5-161032	2405	1	Addition of new TC 9.3.1.2.3 FDD CQI Reporting under fading conditions – PUSCH 3-1 for 256QAM in DL	13.0.1	13.1.0
2016-03	RAN#71	R5-161033	2406	1	Addition of new TC 9.3.1.2.4 TDD CQI Reporting under fading conditions – PUSCH 3-1 for 256QAM in DL	13.0.1	13.1.0
2016-03	RAN#71	R5-161034	2399	1	Updates to 7.4A.1_H and 7.4A.2_H Maximum input level for intra-band contiguous CA for 256QAM in DL	13.0.1	13.1.0
2016-03	RAN#71	R5-161035	2402	1	Updates to TC 7.4A.5_H Maximum input level for CA (3DL CA without UL CA) for 256QAM in DL	13.0.1	13.1.0
2016-03	RAN#71	R5-161039	2353	1	LTE Type B performance requirements - Introduction of new test cases 8.2.1.4.4 and 8.2.2.4.5	13.0.1	13.1.0
2016-03	RAN#71	R5-161040	2354	1	LTE Type B performance requirements - Adding test cases 8.2.1.4.4 and 8.2.2.4.5 into Annex F and G	13.0.1	13.1.0
2016-03	RAN#71	R5-161041	2433	1	Test configuration correction for AMPR tests	13.0.1	13.1.0
2016-03	RAN#71	R5-161042	2434	1	Test configuration correction for ASE tests	13.0.1	13.1.0
2016-03	RAN#71	R5-161043	2435	1	Test configuration correction for ASEM tests	13.0.1	13.1.0
2016-03	RAN#71	R5-161044	2438	1	Test configuration correction for UL 64QAM AMPR tests	13.0.1	13.1.0
2016-03	RAN#71	R5-161045	2441	1	Test configuration correction for UL 64QAM ASE tests	13.0.1	13.1.0
2016-03	RAN#71	R5-161046	2442	1	Test configuration correction for UL 64QAM ASEM tests	13.0.1	13.1.0

2016-03	RAN#71	R5-161047	2444	1	Rel-8 Test point reduction for UL 64QAM AMPR, ASEM and ASE tests	13.0.1	13.1.0
2016-03	RAN#71	R5-161056	2410	1	Adding new clause 6.3.5A.1.0 and 6.3.5A.2.0 to define the minimum conformance requirements.	13.0.1	13.1.0
2016-03	RAN#71	R5-161059	2465	1	New CA band combination CA_41A-42C - Updates of 7.3A Refsens	13.0.1	13.1.0
2016-03	RAN#71	R5-161061	2447	1	Rel-10 Test point reduction for UL 64QAM CA AMPR, ASEM and ASE tests	13.0.1	13.1.0
2016-03	RAN#71	R5-161062	2472	1	Correction to the UL CA Frequency Error Testcase	13.0.1	13.1.0
2016-03	RAN#71	R5-161064	2522	1	Correction to A-MPR test with frequency hopping	13.0.1	13.1.0
2016-03	RAN#71	R5-161065	2415	1	Correction of Table number of DeltaRib reference in CA receiver RF tests	13.0.1	13.1.0
2016-03	RAN#71	R5-161073	2367	1	Update of test applicability for eDL MIMO enhancement TCs	13.0.1	13.1.0
2016-03	RAN#71	R5-161085	2514	1	36.521-1 Editorial corrections	13.0.1	13.1.0
2016-03	RAN#71	R5-161086	2524	1	Addition frequency bands and channel arrangement for B67 and CA_20-67	13.0.1	13.1.0
2016-03	RAN#71	R5-161103	2355	2	New CA 2UL Tx test case 6.5.2A.1.2 Error Vector Magnitude (EVM) for CA (inter-band DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-161104	2357	2	New CA 2UL Tx test case 6.5.2A.2.2 Carrier leakage for CA (inter-band DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-161105	2358	2	New CA 2UL Tx test case 6.5.2A.2.3 Carrier leakage for CA (intra-band non-contiguous DL CA and UL CA)	13.0.1	13.1.0
2016-03	RAN#71	R5-161107	2389	2	Reference sensitivity level with 4 Rx antenna ports	13.0.1	13.1.0
2016-03	RAN#71	R5-161109	2509	2	36.521-1 Transmitter tests for Band 66	13.0.1	13.1.0
2016-03	RAN#71	R5-161110	2512	1	36.521-1 Receiver tests for Band 66	13.0.1	13.1.0
2016-03	RAN#71	R5-161111	2373	1	Correction to power level for dual layer TM9 demodulation tests	13.0.1	13.1.0
2016-03	RAN#71	R5-161112	2458	2	Correction to TDD CQI Reporting for feICIC	13.0.1	13.1.0
2016-03	RAN#71	R5-161113	2461	2	Correction to UL 64 QAM RMC	13.0.1	13.1.0
2016-03	RAN#71	R5-161114	2475	2	Correction to CQI reports in CoMP fading test	13.0.1	13.1.0
2016-03	RAN#71	R5-161115	2476	2	Correction to test system uncertainties for Rx 7.6.3	13.0.1	13.1.0
2016-06	RAN#72	R5-162088	2527	-	Test Tolerances for FDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 with TM4 Interference Model– Enhanced Performance	13.1.0	13.2.0
2016-06	RAN#72	R5-162090	2528	-	Test Tolerances for TDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x2 with TM4 Interference Model– Enhanced Performance	13.1.0	13.2.0
2016-06	RAN#72	R5-162169	2533	-	Corrections to Annex F.1.2 and F.3.2 for Pcmax test case	13.1.0	13.2.0
2016-06	RAN#72	R5-162189	2536	-	Additions to test case 6.3.5E.3 – Aggregate power control tolerance for UE category 0	13.1.0	13.2.0
2016-06	RAN#72	R5-162191	2537	-	Additions to test case 6.3.5E.2 – Power Control Relative power tolerance for UE category 0	13.1.0	13.2.0
2016-06	RAN#72	R5-162192	2538	-	Editorial correction in Reference sensitivity QPSK PREFSENS four antenna ports Table number	13.1.0	13.2.0
2016-06	RAN#72	R5-162195	2539	-	Addition In-band blocking with 4 Rx antenna ports test case	13.1.0	13.2.0
2016-06	RAN#72	R5-162210	2542	-	Addition of UL CA capability for CA_4A-5A in Table 5.4.2A.1-2	13.1.0	13.2.0

2016-06	RAN#72	R5-162211	2543	-	New test points for CA_4A-5A (2DL-2UL) in sec. 6.2 and sec. 6.3	13.1.0	13.2.0
2016-06	RAN#72	R5-162212	2544	-	New test points for CA_4A-5A (2DL-2UL) in sec. 6.5 and sec. 6.6	13.1.0	13.2.0
2016-06	RAN#72	R5-162215	2545	-	Update of requirements in TC 6.2.2A.2 for CA_4A-5A (2DL-2UL)	13.1.0	13.2.0
2016-06	RAN#72	R5-162235	2557	-	Introduction of ACLR for intra-band non-contiguous UL CA for UL 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162241	2563	-	New test case: Maximum sidelink processes for ProSe Direct discovery	13.1.0	13.2.0
2016-06	RAN#72	R5-162247	2569	-	Update of TC 7.3A.6 for CA_4A-5A (2DL-2UL)	13.1.0	13.2.0
2016-06	RAN#72	R5-162248	2570	-	New D2D Tx test case 6.5.1D.2 Frequency error for ProSe Direct Communication	13.1.0	13.2.0
2016-06	RAN#72	R5-162249	2571	-	Update of Inter-band E-UTRA ProSe / E-UTRA operating bands to chapter 5 of TS 36.521-1	13.1.0	13.2.0
2016-06	RAN#72	R5-162251	2572	-	Update to CA 2UL Tx test case 6.5.1A.3 Frequency Error for CA (intra-band non-contiguous DL CA and UL CA)	13.1.0	13.2.0
2016-06	RAN#72	R5-162296	2590	-	New TC: FDD PDSCH Closed Loop Single-layer Spatial Multiplexing on antenna ports 7 or 8 with TM9 Interference Model - Enhanced Performance Requirement Type B	13.1.0	13.2.0
2016-06	RAN#72	R5-162303	2593	-	RF: Wrong Number of PDCCH symbols in TC 8.2.1.4.1_H	13.1.0	13.2.0
2016-06	RAN#72	R5-162304	2594	-	RF: Corrections to RMCs in Annex A	13.1.0	13.2.0
2016-06	RAN#72	R5-162306	2595	-	RF: Correction to RMC for UE Category 1 in CSI tests	13.1.0	13.2.0
2016-06	RAN#72	R5-162308	2597	-	RF: Pb setting in power imbalance TCs	13.1.0	13.2.0
2016-06	RAN#72	R5-162309	2598	-	RF: UE Categories in FDD-TDD 2DL joint operation CSI test cases	13.1.0	13.2.0
2016-06	RAN#72	R5-162324	2605	-	Introduction of TDD PCFICH/PDCCH Single-antenna Port Performance 1x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162340	2608	-	Added Channel BW clause for Dual Connectivity	13.1.0	13.2.0
2016-06	RAN#72	R5-162343	2609	-	Introduction of Spurious Response for ProSe	13.1.0	13.2.0
2016-06	RAN#72	R5-162344	2610	-	Introduction of In-band blocking for ProSe	13.1.0	13.2.0
2016-06	RAN#72	R5-162345	2611	-	Introduction of Out-of-band blocking for ProSe	13.1.0	13.2.0
2016-06	RAN#72	R5-162346	2612	-	Annex F: Addition of chapter 7 ProSe TCs	13.1.0	13.2.0
2016-06	RAN#72	R5-162350	2615	-	UL CA: Corrections to 6.5.2A.x inter-band and non-contiguous TCs	13.1.0	13.2.0
2016-06	RAN#72	R5-162354	2618	-	Correction to UL64QAM A-MPR and ASE tests	13.1.0	13.2.0
2016-06	RAN#72	R5-162355	2619	-	Correction to TC 8.2.1.3.1A_A.1	13.1.0	13.2.0
2016-06	RAN#72	R5-162358	2622	-	Annex G: Corrections to test times for joint operation TCs	13.1.0	13.2.0
2016-06	RAN#72	R5-162393	2625	-	Addition CA_66A-66A in test case 7.4A.4_H	13.1.0	13.2.0
2016-06	RAN#72	R5-162420	2628	-	Addition of CA_1A-3A-7A in 36.521-1	13.1.0	13.2.0
2016-06	RAN#72	R5-162421	2629	-	Addition of CA_3A-7A-8A in 36.521-1	13.1.0	13.2.0
2016-06	RAN#72	R5-162463	2633	-	Addition of Band 45 to Section 5 of 36.521-1	13.1.0	13.2.0
2016-06	RAN#72	R5-162464	2634	-	Addition of Band 45 in maximum output power test cases	13.1.0	13.2.0
2016-06	RAN#72	R5-162465	2635	-	Addition of Band 45 in MPR test cases	13.1.0	13.2.0

2016-06	RAN#72	R5-162467	2637	-	Addition of Band 45 in Refsens test cases	13.1.0	13.2.0
2016-06	RAN#72	R5-162468	2638	-	Addition of Band 45 in in-band blocking test cases	13.1.0	13.2.0
2016-06	RAN#72	R5-162469	2639	-	Addition of Band 45 in out-of-band blocking test cases	13.1.0	13.2.0
2016-06	RAN#72	R5-162475	2640	-	Addition of output power configuration for CA_3C-5A to Section 6.2.5	13.1.0	13.2.0
2016-06	RAN#72	R5-162486	2644	-	Updates of test configuration for Additional spurious emissions for 2UL inter-band CA	13.1.0	13.2.0
2016-06	RAN#72	R5-162490	2645	-	New CA band combinations CA_28A-41A and CA_28A-41C - Updates of 5.4.2A Channel bandwidth	13.1.0	13.2.0
2016-06	RAN#72	R5-162491	2646	-	New CA band combinations CA_28A-41A and CA_28A-41C - Updates of 6.2.5.3 Delta TIB	13.1.0	13.2.0
2016-06	RAN#72	R5-162492	2647	-	New CA band combinations CA_28A-41A and CA_28A-41C - Updates of 7.3.3 Delta RIB	13.1.0	13.2.0
2016-06	RAN#72	R5-162495	2649	-	New CA band combinations CA_28A-42A and CA_28A-42C - Updates of 5.4.2A Channel bandwidth	13.1.0	13.2.0
2016-06	RAN#72	R5-162496	2650	-	New CA band combinations CA_28A-42A and CA_28A-42C - Updates of 6.2.5.3 Delta TIB	13.1.0	13.2.0
2016-06	RAN#72	R5-162497	2651	-	New CA band combinations CA_28A-42A and CA_28A-42C - Updates of 7.3.3 Delta RIB	13.1.0	13.2.0
2016-06	RAN#72	R5-162499	2653	-	New CA band combinations CA_41C-42A and CA_41C-42C - Updates of 5.4.2A Channel bandwidth	13.1.0	13.2.0
2016-06	RAN#72	R5-162500	2654	-	New CA band combinations CA_41C-42A and CA_41C-42C - Updates of 6.2.5.3 Delta TIB	13.1.0	13.2.0
2016-06	RAN#72	R5-162501	2655	-	New CA band combinations CA_41C-42A and CA_41C-42C - Updates of 7.3.3 Delta RIB	13.1.0	13.2.0
2016-06	RAN#72	R5-162502	2656	-	New CA band combinations CA_41C-42A - Updates of 7.3A Refsens	13.1.0	13.2.0
2016-06	RAN#72	R5-162527	2661	-	Correction of editor's note for CA_41A-42C	13.1.0	13.2.0
2016-06	RAN#72	R5-162528	2662	-	Minor correction to TC 8.2.1.4.2_A.1	13.1.0	13.2.0
2016-06	RAN#72	R5-162542	2666	-	Updates of delta TIB,c values for some CA configurations	13.1.0	13.2.0
2016-06	RAN#72	R5-162549	2668	-	Correction to test case 9.3.2.2.2_D	13.1.0	13.2.0
2016-06	RAN#72	R5-162550	2669	-	Correction to test applicability in test case 8.7.5.1.1	13.1.0	13.2.0
2016-06	RAN#72	R5-162553	2671	-	Correction to test case 9.3.3.1.1.	13.1.0	13.2.0
2016-06	RAN#72	R5-162563	2676	-	Introduction of new Rx test case Maximum input level with 4 Rx antenna ports	13.1.0	13.2.0
2016-06	RAN#72	R5-162567	2678	-	Addition of 2x1 antenna correlation matrices for UE category 0	13.1.0	13.2.0
2016-06	RAN#72	R5-162568	2679	-	Updates to test case 8.9.1.1.1 - FDD PDSCH Transmit Diversity 2x1 for UE category 0	13.1.0	13.2.0
2016-06	RAN#72	R5-162569	2680	-	Updates to test case 9.7.1.1 - FDD and Half duplex FDD CQI reporting definition under AWGN conditions for UE category 0	13.1.0	13.2.0
2016-06	RAN#72	R5-162593	2688	-	Correction to CQI tests for Enhanced Performance Type A	13.1.0	13.2.0
2016-06	RAN#72	R5-162594	2689	-	Correction to TDD FDD CA CQI Reporting tests	13.1.0	13.2.0
2016-06	RAN#72	R5-162596	2691	-	Correction to demodulation test cases for CoMP in 8.3.1.3.2_F and 8.3.2.4.2_F	13.1.0	13.2.0
2016-06	RAN#72	R5-162597	2692	-	Correction to PDCCH Aggregation Level for SDR test	13.1.0	13.2.0

2016-06	RAN#72	R5-162605	2695	-	Update of refsens test case 7.3A.3 for CA_20A-67A	13.1.0	13.2.0
2016-06	RAN#72	R5-162647	2700	-	Re-Addition of new LTE_CA_Rel12_2UL test case 6.6.3.2A.3	13.1.0	13.2.0
2016-06	RAN#72	R5-162661	2704	-	Band 65 introduction to Chapter 7 in 36.521-1	13.1.0	13.2.0
2016-06	RAN#72	R5-162802	2546	1	Introduction of MPR for inter-band DL CA and UL CA for UL 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162803	2547	1	Introduction of MPR for intra-band non-contiguous CA and UL CA for UL 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162804	2553	1	Rel-11 Test point reduction for intra-band non-contiguous UL CA MPR and ACLR tests	13.1.0	13.2.0
2016-06	RAN#72	R5-162805	2554	1	Rel-11 Test point reduction for inter-band UL CA AMPR, ASEM and ASE tests	13.1.0	13.2.0
2016-06	RAN#72	R5-162806	2555	1	R8 - Modification of test bandwidths in AMPR, ASEM and ASE test	13.1.0	13.2.0
2016-06	RAN#72	R5-162807	2556	1	R13 - Modification of test bandwidths in AMPR and ASE for UL 64QAM test	13.1.0	13.2.0
2016-06	RAN#72	R5-162808	2616	1	UL CA: Corrections to TC 6.5.2A.1.1	13.1.0	13.2.0
2016-06	RAN#72	R5-162810	2685	1	Correction to 6.2.4 A-MPR test for Band 12	13.1.0	13.2.0
2016-06	RAN#72	R5-162811	2535	1	Corrections to CA_41A-41C and CA_41C-41A tables in clauses 7.3A.5, 7.4A.5, 7.5A.5, 7.6.1A.5, 7.6.2A.5, 7.6.3A.5 and 7.8.1A.5	13.1.0	13.2.0
2016-06	RAN#72	R5-162812	2665	1	Correction of refsens test case 7.3A.3 for CA_20A-32A	13.1.0	13.2.0
2016-06	RAN#72	R5-162813	2674	1	New CA band combination CA_8A-40A – Updates of 7.3.3 Delta RIB	13.1.0	13.2.0
2016-06	RAN#72	R5-162814	2684	1	New CA band combination CA_8A-40A – Updates of 7.3A Refsens	13.1.0	13.2.0
2016-06	RAN#72	R5-162815	2686	1	Correction to reference sensitivity test cases	13.1.0	13.2.0
2016-06	RAN#72	R5-162816	2687	1	Clarification of interferer frequencies in ACS	13.1.0	13.2.0
2016-06	RAN#72	R5-162817	2621	1	Corrections to chapter 8 joint operation TCs	13.1.0	13.2.0
2016-06	RAN#72	R5-162818	2670	1	Correction to test case 8.2.3.2.2A	13.1.0	13.2.0
2016-06	RAN#72	R5-162819	2690	1	Additional test point for 3DL CA Performance and CQI test cases	13.1.0	13.2.0
2016-06	RAN#72	R5-162820	2693	1	Correction to TDD FDD CA performance test cases for FDD PCell(2DL and 3DL)	13.1.0	13.2.0
2016-06	RAN#72	R5-162821	2694	1	Correction to TDD FDD CA performance test cases for TDD PCell TCs(2DL)	13.1.0	13.2.0
2016-06	RAN#72	R5-162832	2623	1	Corrections to 256QAM SDR joint operation TCs	13.1.0	13.2.0
2016-06	RAN#72	R5-162837	2559	1	New test case: 2x4 PDSCH TM9 single layer TypeA	13.1.0	13.2.0
2016-06	RAN#72	R5-162838	2530	1	Addition of CA_4A-12A Bandwidth combination set5 information	13.1.0	13.2.0
2016-06	RAN#72	R5-162839	2567	1	Update of TC 6.6.3.1A.2 for CA_4A-5A (2DL-2UL)	13.1.0	13.2.0
2016-06	RAN#72	R5-162840	2584	1	Updates TC7.3 for new Rel-13 defined CA combinations to minimum requirements of Reference sensitivity	13.1.0	13.2.0
2016-06	RAN#72	R5-162841	2585	1	Updates TC7.3A for new Rel-13 defined CA combinations to minimum requirements of Reference sensitivity for CA	13.1.0	13.2.0
2016-06	RAN#72	R5-162842	2586	1	Updates of some Rel-13 defined CA combinations to operating bands of TS 36.521-1	13.1.0	13.2.0

2016-06	RAN#72	R5-162843	2587	1	Updates TC6.2.5 for delta TIB,c values with new Rel-13 CA band combination	13.1.0	13.2.0
2016-06	RAN#72	R5-162844	2627	1	Addition of CA_4A-4A BW set 1	13.1.0	13.2.0
2016-06	RAN#72	R5-162846	2531	1	Addition of Rel-13 CA combination CA_3A-41A to refsens for inter-band 2DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-162847	2710	1	Introduction of new TC8.2.1.4.2_A.3 4DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-162848	2719	1	Addition of definition of CA capability with 4DL & 5DL CCs	13.1.0	13.2.0
2016-06	RAN#72	R5-162849	2720	1	Addition of Operating bands for CA in clause 5.2A	13.1.0	13.2.0
2016-06	RAN#72	R5-162851	2560	1	New test case: 4layer PDSCH CLSM	13.1.0	13.2.0
2016-06	RAN#72	R5-162852	2561	1	New test case: 4layer PDSCH TM9 SM	13.1.0	13.2.0
2016-06	RAN#72	R5-162853	2562	1	New test case: 3layer PDSCH OLSM	13.1.0	13.2.0
2016-06	RAN#72	R5-162854	2573	1	New Performance test case 8.10.4.1.1 FDD distributed EPDCCH performance 2x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162855	2574	1	New Performance test case 8.10.4.1.2 TDD distributed EPDCCH performance 2x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162856	2575	1	New Performance test case 8.10.4.2.1 FDD localized EPDCCH performance with TM9 2x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162857	2576	1	New Performance test case 8.10.4.2.2 TDD localized EPDCCH performance with TM9 2x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162858	2602	1	Introduction of FDD PCFICH/PDCCH Single-antenna Port Performance 1x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162859	2603	1	Introduction of FDD PCFICH/PDCCH Transmit Diversity 2x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162860	2606	1	Introduction of TDD PCFICH/PDCCH Transmit Diversity 2x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162861	2607	1	Introduction of TDD PCFICH/PDCCH Transmit Diversity 4x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162862	2675	1	Addition of 4Rx antenna port feature into Annex I	13.1.0	13.2.0
2016-06	RAN#72	R5-162863	2677	1	Introduction of new Rx test case Adjacent Channel Selectivity (ACS) with 4 Rx antenna ports	13.1.0	13.2.0
2016-06	RAN#72	R5-162865	2577	1	Rearrangement of TC 6.6.2.3A.1_1 and TC 6.6.2.3A.2 and corrections to TC 6.6.2.3A.2	13.1.0	13.2.0
2016-06	RAN#72	R5-162866	2614	1	UL CA: Corrections to intra-band non-contiguous test configuration tables	13.1.0	13.2.0
2016-06	RAN#72	R5-162867	2725	1	Updates of test configuration for EVM and Carrier leakage test cases of 2UL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-162868	2643	1	Addition of minimum requirement tables to clause 6.3.5A.1.0 and 6.3.5A.2.0	13.1.0	13.2.0
2016-06	RAN#72	R5-162869	2681	1	Updates to test case 6.6.2.2A.2 - Additional Spectrum Emission Mask for CA (inter-band DL CA and UL CA)	13.1.0	13.2.0
2016-06	RAN#72	R5-162870	2699	1	Re-submission of New CA 2UL Tx test case 6.5.2A.1.3 Error Vector Magnitude (EVM) for CA (intra-band non-contiguous DL CA and UL CA)	13.1.0	13.2.0
2016-06	RAN#72	R5-162872	2724	1	Additions to test case 6.6.3.1A.2 – Transmitter Spurious emissions for CA (inter-band DL CA and UL CA)	13.1.0	13.2.0
2016-06	RAN#72	R5-162875	2696	1	Adding operating band definitions for MTC and eMTC	13.1.0	13.2.0
2016-06	RAN#72	R5-162877	2564	1	New test case: PSSCH performance for ProSe Direct communication	13.1.0	13.2.0

2016-06	RAN#72	R5-162878	2565	1	New test case: Maximum sidelink processes for ProSe Direct communication	13.1.0	13.2.0
2016-06	RAN#72	R5-162879	2722	1	New test Case: ProSe-UE Maximum Output Power	13.1.0	13.2.0
2016-06	RAN#72	R5-162880	2723	1	New test Case: ProSe-UE Maximum Power Reduction test case	13.1.0	13.2.0
2016-06	RAN#72	R5-162884	2599	1	Update to FDD PDSCH Closed Loop Multi-Layer Spatial Multiplexing 4x2 for Dual Connectivity	13.1.0	13.2.0
2016-06	RAN#72	R5-162885	2600	1	Update to TDD PDSCH Closed Loop Multi-Layer Spatial Multiplexing 4x2 for Dual Connectivity	13.1.0	13.2.0
2016-06	RAN#72	R5-162886	2601	1	Update to sustained data rate performance for Dual Connectivity 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162887	2641	1	Addition of test case for FDD sustained data rate performance for Dual Connectivity 256QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162888	2642	1	Addition of test case for TDD sustained data rate performance for Dual Connectivity 256QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162890	2728	-	Adding Low Wgap definition to section 3	13.1.0	13.2.0
2016-06	RAN#72	R5-162952	2632	1	Update to TC 6.3.5A.2.3 Power Control Relative power tolerance for CA (intra-band non-contiguous DL CA and UL CA)	13.1.0	13.2.0
2016-06	RAN#72	R5-162953	2525	1	CR for Clause 9.3.8.2 in 36.521-1	13.1.0	13.2.0
2016-06	RAN#72	R5-162954	2591	1	New TC: TDD PDSCH Closed Loop Single-layer Spatial Multiplexing on antenna ports 7 or 8 with TM9 Interference Model - Enhanced Performance Requirement Type B	13.1.0	13.2.0
2016-06	RAN#72	R5-162967	2624	2	Addition CA combinations in intra-band contiguous DL CA and UL CA transmitter test cases	13.1.0	13.2.0
2016-06	RAN#72	R5-162969	2660	1	Update BW definition for band 66 in clause 5	13.1.0	13.2.0
2016-06	RAN#72	R5-162973	2701	1	Band 65 introduction to Chapter 5 in 36.521-1	13.1.0	13.2.0
2016-06	RAN#72	R5-162974	2703	1	Band 65 introduction to Chapter 6.6.3 in 36.521-1	13.1.0	13.2.0
2016-06	RAN#72	R5-162975	2636	1	Addition of Band 45 in Spurious emission test cases	13.1.0	13.2.0
2016-06	RAN#72	R5-162976	2540	2	6.3.4E.1 – General ON/OFF time mask for UE category 0	13.1.0	13.2.0
2016-06	RAN#72	R5-162977	2548	1	Introduction of AMPR for inter-band DL CA and UL CA for UL 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162978	2541	1	6.3.4.1 – General ON/OFF time mask.	13.1.0	13.2.0
2016-06	RAN#72	R5-162979	2549	1	Introduction of EVM for inter-band UL CA for UL 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162980	2550	1	Introduction of ASEM for inter-band DL CA and UL CA for UL 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162981	2551	1	Introduction of ACLR for inter-band DL CA and UL CA for UL 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162982	2552	1	Introduction of ASE for inter-band DL CA and UL CA for UL 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162983	2657	1	Updates of test point for A-Spur for UL 64QAM	13.1.0	13.2.0
2016-06	RAN#72	R5-162985	2673	1	New CA band combination CA_8A-40A – Updates of 5.4.2A Channel Bandwidth	13.1.0	13.2.0
2016-06	RAN#72	R5-162987	2664	1	Change of test case applicability for A-MPR for NS_05	13.1.0	13.2.0
2016-06	RAN#72	R5-162989	2566	1	Update of TC 6.6.2.2A.2 for CA_4A-5A (2DL-2UL)	13.1.0	13.2.0

2016-06	RAN#72	R5-162990	2648	1	New CA band combinations CA_28A-41A and CA_28A-41C - Updates of 7.3A Refsens	13.1.0	13.2.0
2016-06	RAN#72	R5-162991	2716	1	Introduction of new TC7.7A.7 4DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-162992	2604	1	Introduction of FDD PCFICH/PDCCH Transmit Diversity 4x4	13.1.0	13.2.0
2016-06	RAN#72	R5-162993	2532	1	Update test case 6.2.4A.2:AMPR for 2UL inter-band CA	13.1.0	13.2.0
2016-06	RAN#72	R5-162995	2658	1	Addition of a new TC for Minimum Output Power for CA (inter-band DL CA and UL CA)	13.1.0	13.2.0
2016-06	RAN#72	R5-162996	2659	1	Addition of a new TC for Minimum Output Power for CA (intra-band non-contiguous DL CA and UL CA)	13.1.0	13.2.0
2016-06	RAN#72	R5-162997	2682	1	Introduction of test case 6.6.2.2A.3 - Additional Spectrum Emission Mask for CA (intra-band non-contiguous DL CA and UL CA)	13.1.0	13.2.0
2016-06	RAN#72	R5-163100	2588	1	Introduction of new eMTC RF test case 6.3.5EA.1 for category M1	13.1.0	13.2.0
2016-06	RAN#72	R5-163101	2589	1	Introduction of new eMTC RF test case 6.3.5EA.2 for category M1	13.1.0	13.2.0
2016-06	RAN#72	R5-163102	2705	1	Addition of new test case for aggregate power control tolerance for UE category M1	13.1.0	13.2.0
2016-06	RAN#72	R5-163103	2706	1	Addition of New test case for Maximum input level for UE category M1	13.1.0	13.2.0
2016-06	RAN#72	R5-163104	2707	1	Addition of New test case for Adjacent Channel Selectivity (ACS) for category M1	13.1.0	13.2.0
2016-06	RAN#72	R5-163107	2568	1	New D2D Tx test case 6.5.1D.1 Frequency error for ProSe Direct Discovery	13.1.0	13.2.0
2016-06	RAN#72	R5-163110	2558	1	New 2x4 test case: PDSCH CLSM TypeA	13.1.0	13.2.0
2016-06	RAN#72	R5-163119	2708	1	Introduction of new TC7.3A.9 4DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-163120	2709	1	Introduction of new TC7.4A.7 4DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-163121	2711	1	Introduction of new TC7.5A.7 4DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-163122	2712	1	Introduction of new TC7.6.1A.7 4DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-163123	2713	1	Introduction of new TC7.6.2A.7 4DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-163124	2715	1	Introduction of new TC7.6.3A.7 4DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-163125	2717	1	Introduction of new TC7.8.1A.7 4DL CA	13.1.0	13.2.0
2016-06	RAN#72	R5-163126	2718	1	Updates of delta TIB,c values and table references for delta TIB,c for TC 6.2.5	13.1.0	13.2.0
2016-06	RAN#72	R5-163127	2727	1	Introduction of CA 1A-8A-11A in chapters 5, 6 and 7	13.1.0	13.2.0
2016-06	RAN#72	R5-163129	2529	1	Addition of new test case 7.9_1 Spurious emissions with 4 Rx antenna ports	13.1.0	13.2.0
2016-06	RAN#72	R5-163130	2534	1	Revise Power Control Relative power tolerance for CA (intra-band contiguous DL CA and UL CA) test case 6.3.5A.2.1	13.1.0	13.2.0
2016-06	RAN#72	R5-163132	2652	1	New CA band combinations CA_28A-42A and CA_28A-42C - Updates of 7.3A Refsens	13.1.0	13.2.0
2016-06	RAN#72	R5-163192	2631	2	Update to TC 6.3.5A.2.2 Power Control Relative power tolerance for CA (inter-band DL CA and UL CA)	13.1.0	13.2.0
2016-06	RAN#72	R5-163194	2702	2	Band 65 introduction to Chapter 6.2 in 36.521-1	13.1.0	13.2.0
2016-06	RAN#72	R5-163195	2663	2	Change of test points and requirements for A-MPR for NS_05	13.1.0	13.2.0

2016-06	RAN#72	R5-163196	2726	1	Correction to the UL CA Frequency Error Testcase	13.1.0	13.2.0
2016-09	RAN#73	R5-165046	2742	2	Introduction of new definitions for NB-IoT in Chapter 3	13.2.0	13.3.0
2016-09	RAN#73	R5-165047	2744	2	Introduction of general information for NB-IoT in Chapter 4	13.2.0	13.3.0
2016-09	RAN#73	R5-165048	2745	2	Introduction of operating bands for NB-IoT in Chapter 5	13.2.0	13.3.0
2016-09	RAN#73	R5-165049	2730	2	Introduce Downlink Fixed Reference Channels for UE category NB1 Receiver tests	13.2.0	13.3.0
2016-09	RAN#73	R5-165050	2731	2	Introduce GSM Interferer for UE category NB1 Adjacent channel selectivity tests	13.2.0	13.3.0
2016-09	RAN#73	R5-165051	2736	2	New test case: 6.2.2EA UE Maximum Output Power for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165057	2759	2	Addition of FDD MPDCCH demod test case for eMTC	13.2.0	13.3.0
2016-09	RAN#73	R5-165058	2760	2	Addition of TDD MPDCCH demod test case for eMTC	13.2.0	13.3.0
2016-09	RAN#73	R5-165062	2757	2	UE Maximum Output Power for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165063	2741	2	Addition of test case 6.6.2.3F for ACLR for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165067	2749	2	Addition of test case 6.7F for Transmit Intermodulation for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165068	2750	2	Addition of Occupied Bandwidth test case 6.6.1F for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165069	2751	2	Addition of Spectrum Emission Mask test case 6.6.2.1F for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165070	2756	2	Introduction of 6.5.1F Frequency Error for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165071	2763	2	Introduction of new NB-IoT RF test case 6.3.4F.1 for category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165072	2765	2	Introduction of test case 6.2.3F - Maximum Power Reduction (MPR) for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165073	2766	2	Introduction of test case 6.6.3F.1 - Transmitter Spurious emission for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165074	2758	2	Maximum input level for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165075	2729	2	Introduce Adjacent Channel Selectivity (ACS) for UE category NB1 test case 7.5F	13.2.0	13.3.0
2016-09	RAN#73	R5-165076	2733	2	Introduce Downlink Physical Channels for UE category NB1 Receiver tests	13.2.0	13.3.0
2016-09	RAN#73	R5-165077	2764	2	Addition of the TC 6.6.2.3EA ACLR for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165094	2776	-	New test case: 6.5.1EA Frequency Error for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165095	2777	-	New test case: 6.5.2.1EA.1 Error Vector Magnitude for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165096	2778	-	New test case: 6.5.2.1EA.2 PUSCH-EVM with exclusion period for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165097	2779	-	New test case: 6.5.2.2EA Carrier leakage for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165098	2780	-	New test case: 6.5.2.3EA In-band emissions for non allocated RB for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165099	2781	-	New test case: 6.5.2.4EA EVM equalizer spectrum flatness for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165100	2782	-	New test case: 6.6.2.1EA Spectrum Emission Mask for UE category M1	13.2.0	13.3.0

2016-09	RAN#73	R5-165101	2783	-	New test case: 6.6.2.2EA Additional Spectrum Emission Mask for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165117	2797	-	Changes to general clauses for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165158	2800	-	Introduction of ProSe RF TC 7.5D	13.2.0	13.3.0
2016-09	RAN#73	R5-165159	2801	-	Introduction of ProSe RF TC 7.6.3D	13.2.0	13.3.0
2016-09	RAN#73	R5-165160	2802	-	Introduction of ProSe RF TC 7.8.1D	13.2.0	13.3.0
2016-09	RAN#73	R5-165210	2808	-	New CA band combination CA_1A-40A and CA_3A-40A - Updates of 7.3A Refsens	13.2.0	13.3.0
2016-09	RAN#73	R5-165225	2809	-	Update minimum test time into Annex G for TC 8.9.1.1.3,8.9.1.2.3	13.2.0	13.3.0
2016-09	RAN#73	R5-165228	2810	-	Update to TC 9.7.2.1,9.7.2.2	13.2.0	13.3.0
2016-09	RAN#73	R5-165243	2812	-	Addition of new 4Rx Test Cases - CQI reporting / AWGN / rank 1	13.2.0	13.3.0
2016-09	RAN#73	R5-165244	2813	-	Addition of new 4Rx Test Cases - CQI reporting / AWGN / rank 2	13.2.0	13.3.0
2016-09	RAN#73	R5-165245	2814	-	Addition of new 4Rx Test Cases - CQI reporting / AWGN / rank 4	13.2.0	13.3.0
2016-09	RAN#73	R5-165247	2815	-	Addition of new 4Rx Test Cases - CQI reporting / AWGN / rank 3	13.2.0	13.3.0
2016-09	RAN#73	R5-165248	2816	-	Uncertainties and Test Tolerances for new 4Rx Test Cases - CQI reporting / AWGN	13.2.0	13.3.0
2016-09	RAN#73	R5-165250	2817	-	Addition of channel matrices for 4Rx in Annex B.1	13.2.0	13.3.0
2016-09	RAN#73	R5-165310	2822	-	Update to FDD PCFICH/PDCCH transmit diversity 2x4	13.2.0	13.3.0
2016-09	RAN#73	R5-165311	2823	-	Update to FDD PCFICH/PDCCH transmit diversity 4x4	13.2.0	13.3.0
2016-09	RAN#73	R5-165322	2833	-	Update minimum requirement of Reference sensitivity level for all Rel-13 CA configurations	13.2.0	13.3.0
2016-09	RAN#73	R5-165334	2834	-	Correction of test requirements of In-band emissions for non allocated RB	13.2.0	13.3.0
2016-09	RAN#73	R5-165366	2837	-	Update to test case 8.10.4.1.1 FDD distributed EPDCCH performance 2x4	13.2.0	13.3.0
2016-09	RAN#73	R5-165368	2839	-	Update to test case 8.10.4.1.2 TDD distributed EPDCCH performance 2x4	13.2.0	13.3.0
2016-09	RAN#73	R5-165369	2840	-	Update to test case 8.10.4.2.1 FDD localized EPDCCH performance 2x4	13.2.0	13.3.0
2016-09	RAN#73	R5-165370	2841	-	Introduction of a clause for Demodulation of PBCH (enhanced coverage)	13.2.0	13.3.0
2016-09	RAN#73	R5-165371	2842	-	Update to test case 8.10.4.2.2 TDD localized EPDCCH performance 2x4	13.2.0	13.3.0
2016-09	RAN#73	R5-165395	2851	-	Correction to the test requirement for General ON/OFF time mask for UE category 0	13.2.0	13.3.0
2016-09	RAN#73	R5-165413	2854	-	Correction for UL 64QAM test cases to TS36.521-1	13.2.0	13.3.0
2016-09	RAN#73	R5-165415	2856	-	Update to eMTC RF test case 6.3.5EA.2 for category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-165424	2861	-	Update Reference sensitivity for Band 66	13.2.0	13.3.0
2016-09	RAN#73	R5-165441	2868	-	Introduction of EVM test for UL 64QAM + 2UL CA (intra-band non-contiguous DL CA and UL CA)	13.2.0	13.3.0

2016-09	RAN#73	R5-165443	2870	-	Introduction of test requirements for AMPR inter-band UL CA + UL 64QAM	13.2.0	13.3.0
2016-09	RAN#73	R5-165444	2871	-	Introduction of TT in Annex F for UL 64QAM + 2UL CA	13.2.0	13.3.0
2016-09	RAN#73	R5-165454	2872	-	Correction to test case 7.3E Reference sensitivity level for UE category 0	13.2.0	13.3.0
2016-09	RAN#73	R5-165485	2876	-	Removal of SCC allocation in TCs 6.5.2A.x	13.2.0	13.3.0
2016-09	RAN#73	R5-165487	2878	-	Annex F: Addition of Uncertainties for chapter 7 ProSe TCs	13.2.0	13.3.0
2016-09	RAN#73	R5-165489	2880	-	Minor correction to TC 6.6.3.3A.2	13.2.0	13.3.0
2016-09	RAN#73	R5-165496	2885	-	Update to Annex C for CAT M1 testing	13.2.0	13.3.0
2016-09	RAN#73	R5-165510	2887	-	UE Power Class test requirements in Multi-Cluster PUSCH TCs	13.2.0	13.3.0
2016-09	RAN#73	R5-165512	2889	-	Correction of Reference sensitivity test settings for CA_26A-41C	13.2.0	13.3.0
2016-09	RAN#73	R5-165541	2890	-	Introduction of additional 3DL tolerances in TC 6.2.2A.2	13.2.0	13.3.0
2016-09	RAN#73	R5-165592	2894	-	Adding the Diversity characteristics requirements in chapter 7.2 for category NB1 UE.	13.2.0	13.3.0
2016-09	RAN#73	R5-165624	2909	-	New TC: FDD PDSCH Closed Loop Single-layer Spatial Multiplexing on antenna ports 7 or 8 with TM3 interference model - Enhanced Performance Requirement Type B	13.2.0	13.3.0
2016-09	RAN#73	R5-165625	2910	-	New TC: TDD PDSCH Closed Loop Single-layer Spatial Multiplexing on antenna ports 7 or 8 with TM3 interference model - Enhanced Performance Requirement Type B	13.2.0	13.3.0
2016-09	RAN#73	R5-165673	2924	-	Correction to CA sustained data rate tests for 256QAM	13.2.0	13.3.0
2016-09	RAN#73	R5-165674	2925	-	Clean up on UE DL category for 256QAM DL RMC	13.2.0	13.3.0
2016-09	RAN#73	R5-165675	2926	-	Correction to TDD eDL-MIMO performance test case with 256QAM	13.2.0	13.3.0
2016-09	RAN#73	R5-165676	2927	-	Addition of test points in 6.5.1A.1 Frequency error for CA	13.2.0	13.3.0
2016-09	RAN#73	R5-165680	2931	-	Correction to Annex F.3 for UL64QAM test cases	13.2.0	13.3.0
2016-09	RAN#73	R5-165681	2932	-	Clean up on TM4 CA and TDD FDD CA performance test cases	13.2.0	13.3.0
2016-09	RAN#73	R5-165682	2933	-	Correction to TDD FDD CA sustained data rate performance test cases	13.2.0	13.3.0
2016-09	RAN#73	R5-165683	2934	-	Correction to the minimum test time for TDD FDD CA performance test cases	13.2.0	13.3.0
2016-09	RAN#73	R5-165684	2935	-	Correction to TDD FDD soft buffer for 2DL CA	13.2.0	13.3.0
2016-09	RAN#73	R5-165690	2938	-	Correction of the test requirement for TC 6.6.2.1A.1 SEM for CA (intra-band contiguous DL CA and UL CA)	13.2.0	13.3.0
2016-09	RAN#73	R5-165695	2942	-	Addition of the FDD-FDD-TDD 3DL case into TC 9.6.1.3.2 TDD FDD CQI Reporting under AWGN conditions – PUCCH 1-0 for FDD PCell (3DL CA)	13.2.0	13.3.0
2016-09	RAN#73	R5-165701	2948	-	Change of test points and requirements for NS_05 A-MPR for UL64QAM	13.2.0	13.3.0
2016-09	RAN#73	R5-165702	2949	-	Change of test points and requirements for NS_05 Additional spurious emissions for UL64QAM	13.2.0	13.3.0
2016-09	RAN#73	R5-165732	2951	-	Correction to spurious emission band UE co-existence limits references for Rel-13	13.2.0	13.3.0
2016-09	RAN#73	R5-165734	2952	-	NS_24 and NS_25 A-MPR test configuration and requirements	13.2.0	13.3.0

2016-09	RAN#73	R5-165735	2953	-	NS_24 and NS_25 A-Spurious emission test configuration and requirements	13.2.0	13.3.0
2016-09	RAN#73	R5-165785	2955	-	Addition of CQI report config IE for 4Rx TM9 test cases	13.2.0	13.3.0
2016-09	RAN#73	R5-165787	2956	-	Addition TC 6.3.2F Minimum Output power for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165790	2957	-	Addition TC 7.3F.1 Reference sensitivity test for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-165820	2966	-	36.521-1 UL CA frequency error clarification	13.2.0	13.3.0
2016-09	RAN#73	R5-165837	2970	-	Addition Out of-band blocking with 4 Rx antenna ports TC 7.6.2_1	13.2.0	13.3.0
2016-09	RAN#73	R5-165838	2971	-	Addition Narrow band blocking with 4 Rx antenna ports TC 7.6.3_1	13.2.0	13.3.0
2016-09	RAN#73	R5-165857	2975	-	New test case: FDD Multiple timing reference test for ProSe direct discovery	13.2.0	13.3.0
2016-09	RAN#73	R5-165858	2976	-	New test case: FDD power imbalance performance with two links for ProSe Direct communication	13.2.0	13.3.0
2016-09	RAN#73	R5-166001	2869	1	Introduction of test configurations for ASEM inter-band UL CA + UL 64QAM	13.2.0	13.3.0
2016-09	RAN#73	R5-166002	2930	1	Correction to interferer frequencies in In-band blocking for CA	13.2.0	13.3.0
2016-09	RAN#73	R5-166003	2884	1	Addition of test points to UL 64 QAM TC	13.2.0	13.3.0
2016-09	RAN#73	R5-166004	2905	1	Correction to TC 6.2.4A.1 A-MPR for CA (intra-band contiguous DL CA and UL CA)	13.2.0	13.3.0
2016-09	RAN#73	R5-166005	2929	1	Correction to Max Power for CA	13.2.0	13.3.0
2016-09	RAN#73	R5-166006	2928	1	Clean up on chapter 3, 6 and 7	13.2.0	13.3.0
2016-09	RAN#73	R5-166007	2941	1	Change of test points and requirements for NS_05 A-MPR	13.2.0	13.3.0
2016-09	RAN#73	R5-166008	2943	1	Change of test points and requirements for NS_05 Additional spurious emissions	13.2.0	13.3.0
2016-09	RAN#73	R5-166009	2945	1	Change of test points and requirements for NS_05 A-MPR for UL-MIMO	13.2.0	13.3.0
2016-09	RAN#73	R5-166010	2947	1	Change of test points and requirements for NS_05 Additional spurious emissions for UL-MIMO	13.2.0	13.3.0
2016-09	RAN#73	R5-166011	2818	1	Change of names of 3DL TCs	13.2.0	13.3.0
2016-09	RAN#73	R5-166012	2860	1	Update Reference sensitivity for additional requirement	13.2.0	13.3.0
2016-09	RAN#73	R5-166013	2883	1	Correction to applicability of Power Class 3 only UL TCs	13.2.0	13.3.0
2016-09	RAN#73	R5-166022	2799	1	Correction to Max Input power for 256QAM	13.2.0	13.3.0
2016-09	RAN#73	R5-166023	2939	1	Update of the test points of the TC 8.7.1.1_H.3	13.2.0	13.3.0
2016-09	RAN#73	R5-166027	2771	1	Update of Delta Tib tables in clause 6.2.5.3 for all Rel-13 CA configurations	13.2.0	13.3.0
2016-09	RAN#73	R5-166028	2772	1	Update of Delta Rib tables in clause 7.3.3 for all Rel-13 CA configurations	13.2.0	13.3.0
2016-09	RAN#73	R5-166029	2773	1	Update of CA operating bands and bandwidth for all Rel-13 CA configurations	13.2.0	13.3.0
2016-09	RAN#73	R5-166030	2768	1	Addition of CA_3A-5A BW set 3	13.2.0	13.3.0
2016-09	RAN#73	R5-166031	2819	1	Introduction of CA_8A-42A (2DL) to test case 7.3A.3	13.2.0	13.3.0
2016-09	RAN#73	R5-166033	2820	1	Introduction of CA_8A-42C (3DL) to test case 7.3A.5	13.2.0	13.3.0

2016-09	RAN#73	R5-166034	2853	1	Addition of CA_2A-28A in TS 36.521-1	13.2.0	13.3.0
2016-09	RAN#73	R5-166035	2858	1	Update power control and in-band emission requirement for CA_8B	13.2.0	13.3.0
2016-09	RAN#73	R5-166036	2862	1	Update TC 6.6.2.1A.1 requirement for CA_8B	13.2.0	13.3.0
2016-09	RAN#73	R5-166037	2902	1	Rel 13 CA_5B RF Test Cases Section 7	13.2.0	13.3.0
2016-09	RAN#73	R5-166038	2903	1	Rel 13 CA_3C-5A RF Test Cases Section 7	13.2.0	13.3.0
2016-09	RAN#73	R5-166039	2916	1	Introduction of New TC8.7.1.1_A.4 4DL CA	13.2.0	13.3.0
2016-09	RAN#73	R5-166040	2917	1	Introduction of New TC9.6.1.1_A.3 4DL CA	13.2.0	13.3.0
2016-09	RAN#73	R5-166041	2944	1	Updates of Rx test cases for 4DL CA	13.2.0	13.3.0
2016-09	RAN#73	R5-166042	2958	1	Addition CA_2A-4A-5A-30A in TS 36.521-1	13.2.0	13.3.0
2016-09	RAN#73	R5-166043	2960	1	Addition CA_2A-2A-4A-4A in TS 36.521-1	13.2.0	13.3.0
2016-09	RAN#73	R5-166044	2920	1	Update TC 6.6.2.3A.1 and 6.6.2.3A.1_1 requirement for CA_8B	13.2.0	13.3.0
2016-09	RAN#73	R5-166045	2921	1	Update TC 6.6.3.1A.1 requirement for CA_8B	13.2.0	13.3.0
2016-09	RAN#73	R5-166046	2922	1	Update TC 6.6.3.2A.1 requirement for CA_8B	13.2.0	13.3.0
2016-09	RAN#73	R5-166047	2923	1	Update TC 6.7A.1 requirement for CA_8B	13.2.0	13.3.0
2016-09	RAN#73	R5-166048	2940	1	Addition of the FDD-FDD-TDD 3DL case into TC 8.7.5.1.2 TDD FDD CA Sustained data rate performance for FDD PCell (3DL CA)	13.2.0	13.3.0
2016-09	RAN#73	R5-166060	2844	1	New test case: 6.3.5F.1 Power Control Absolute power tolerance for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-166061	2845	1	New test case: 6.3.5F.2 Power Control Relative power tolerance for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-166062	2846	1	New test case: 7.7F Spurious response for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-166063	2847	1	New test case: 7.8.1F Wide band Intermodulation for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-166064	2864	1	Introduction of TT for Configured UE transmitted output power in Annex F	13.2.0	13.3.0
2016-09	RAN#73	R5-166065	2865	1	Resubmission of 6.2.5F Configured UE transmitted Output Power for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-166066	2866	1	Resubmission of 6.5.2.1F.1 Error Vector Magnitude (EVM) for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-166067	2867	1	Resubmission of 6.5.2.2F Carrier leakage for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-166068	2895	1	Addition of In-band emissions for non allocated RB test case 6.5.2.3F for UE category NB1	13.2.0	13.3.0
2016-09	RAN#73	R5-166069	2775	1	New test case: 6.2.4EA Additional Maximum Power Reduction (A-MPR) for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166070	2791	1	New test case: 6.2.3EA Maximum Power Reduction (MPR) for UE category M1	13.2.0	13.3.0

2016-09	RAN#73	R5-166071	2792	1	New test case: 6.6.3EA.1 Transmitter Spurious emissions for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166072	2793	1	New test case: 6.6.3EA.2 Spurious emission band UE co-existence for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166073	2794	1	New test case: 6.6.3EA.3 Additional spurious emissions for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166074	2795	1	New test case: 7.3EA Reference sensitivity level for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166075	2835	1	Introduction of General ON/OFF time mask for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166076	2836	1	Introduction of PRACH and SRS ON/OFF time mask for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166077	2838	1	Introduction of Occupied bandwidth for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166078	2848	1	New test case: 7.7EA Spurious response for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166080	2850	1	New test case: 7.9EA Spurious emissions UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166084	2913	1	Update of TC6.3.5EA.3 Aggregate power control tolerance for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166085	2914	1	Update of TC7.4EA Maximum input level for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166086	2915	1	Update of TC7.5EA Adjacent Channel Selectivity (ACS) for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166087	2972	1	Adding narrowband and narrowband index definitions to 36.521-1	13.2.0	13.3.0
2016-09	RAN#73	R5-166103	2805	1	Corrections to LC MTC test case 7.4E and 7.5E	13.2.0	13.3.0
2016-09	RAN#73	R5-166104	2912	1	Update of TC 9.7.1.2 TDD CQI reporting definition under AWGN conditions for UE category 0	13.2.0	13.3.0
2016-09	RAN#73	R5-166105	2803	1	Introduction of NAICS RF TC 8.3.1.1.7	13.2.0	13.3.0
2016-09	RAN#73	R5-166106	2804	1	Introduction of NAICS RF TC 8.3.2.1.8	13.2.0	13.3.0
2016-09	RAN#73	R5-166108	2875	1	Removal of DL allocation from UL CA TCs	13.2.0	13.3.0
2016-09	RAN#73	R5-166109	2964	1	36.521-1: UL CA spurious updates	13.2.0	13.3.0
2016-09	RAN#73	R5-166111	2965	1	36.521-1: A-MPR and A-SEM corrections for inter-band UL CA	13.2.0	13.3.0
2016-09	RAN#73	R5-166112	2859	1	Additional Operation Band 46 for LAA	13.2.0	13.3.0
2016-09	RAN#73	R5-166113	2897	1	Update test case 7.6.3A.3 to add LAA band combinations	13.2.0	13.3.0
2016-09	RAN#73	R5-166114	2824	1	Update to TDD PCFICH/PDCCH single-antenna performance 1x4	13.2.0	13.3.0
2016-09	RAN#73	R5-166115	2825	1	Update to TDD PCFICH/PDCCH transmit diversity 2x4	13.2.0	13.3.0
2016-09	RAN#73	R5-166116	2826	1	Update to TDD PCFICH/PDCCH transmit diversity 4x4	13.2.0	13.3.0
2016-09	RAN#73	R5-166117	2827	1	Introduction of FDD PHICH Single-antenna Port Performance 1x4	13.2.0	13.3.0
2016-09	RAN#73	R5-166118	2828	1	Introduction of FDD PHICH Transmit Diversity 2x4	13.2.0	13.3.0
2016-09	RAN#73	R5-166119	2829	1	Introduction of FDD PHICH Transmit Diversity 4x4	13.2.0	13.3.0
2016-09	RAN#73	R5-166120	2830	1	Introduction of TDD PHICH Single-antenna Port Performance 1x4	13.2.0	13.3.0
2016-09	RAN#73	R5-166121	2831	1	Introduction of TDD PHICH Transmit Diversity 2x4	13.2.0	13.3.0
2016-09	RAN#73	R5-166122	2832	1	Introduction of TDD PHICH Transmit Diversity 4x4	13.2.0	13.3.0

2016-09	RAN#73	R5-166123	2978	1	Addition of the 4Rx test case into the chapter 7	13.2.0	13.3.0
2016-09	RAN#73	R5-166133	2980	-	Change of test points and requirements for NS_05 A-MPR for Band 65	13.2.0	13.3.0
2016-09	RAN#73	R5-166134	2981	-	Change of test points and requirements for NS_05 Additional spurious emissions for Band 65	13.2.0	13.3.0
2016-09	RAN#73	R5-166135	2982	-	Change of test points and requirements for NS_05 A-MPR for UL-MIMO for Band 65	13.2.0	13.3.0
2016-09	RAN#73	R5-166136	2983	-	Change of test points and requirements for NS_05 Additional spurious emissions for UL-MIMO for Band 65	13.2.0	13.3.0
2016-09	RAN#73	R5-166137	2950	1	Correction to TC 6.6.3.2 Band 66 UE E-UTRA release requirements	13.2.0	13.3.0
2016-09	RAN#73	R5-166138	2967	1	36.521-1 Band 66 Receiver test cases updates	13.2.0	13.3.0
2016-09	RAN#73	R5-166139	2977	1	Updates to 4Rx Demod test cases	13.2.0	13.3.0
2016-09	RAN#73	R5-166141	2959	1	D2D New test cases: Power imbalance performance with two Sidelinks	13.2.0	13.3.0
2016-09	RAN#73	R5-166143	2901	1	Rel 13 CA_5A-5A RF Test Cases Section 7	13.2.0	13.3.0
2016-09	RAN#73	R5-166145	2937	1	Addition of some 4DL CA combinations into TC 7.3A.9.5	13.2.0	13.3.0
2016-09	RAN#73	R5-166147	2852	1	Updates of 7.3A.5 Channel bandwidth for CA_1A-3C	13.2.0	13.3.0
2016-09	RAN#73	R5-166148	2898	1	Introduction to new test case 6.2.5EA Configured transmitted power for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166152	2879	1	Corrections to TC 7.9A	13.2.0	13.3.0
2016-09	RAN#73	R5-166154	2896	1	Update test case 7.6.1A.3 to add LAA band combinations	13.2.0	13.3.0
2016-09	RAN#73	R5-166155	2877	1	Correction to 256QAM CQI TCs	13.2.0	13.3.0
2016-09	RAN#73	R5-166156	2806	1	Addition of CA_4A-12A Bandwidth combination set5 information	13.2.0	13.3.0
2016-09	RAN#73	R5-166157	2857	1	Update Maximum Output Power and MPR requirement for CA_8B	13.2.0	13.3.0
2016-09	RAN#73	R5-166158	2918	1	Update of Test Cases for 4DL CA	13.2.0	13.3.0
2016-09	RAN#73	R5-166160	2821	1	Update to FDD PCFICH/PDCCH single-antenna performance 1x4	13.2.0	13.3.0
2016-09	RAN#73	R5-166165	2855	1	Update to eMTC RF test case 6.3.5EA.1 for category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166166	2900	1	Introduction to new test case 6.3.3EA UE Transmit OFF power for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166169	2873	1	Corrections to TC 7.3A.4	13.2.0	13.3.0
2016-09	RAN#73	R5-166171	2899	2	Introduction to new test case 6.3.2EA Minimum Output Power for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166303	2874	2	Corrections to TC 7.3A.5	13.2.0	13.3.0
2016-09	RAN#73	R5-166309	2789	2	New test case: 9.8.1.1 FDD and half-duplex FDD CQI reporting definition under AWGN conditions in enhanced coverage	13.2.0	13.3.0
2016-09	RAN#73	R5-166310	2796	2	New test case: 8.11.1.1.1 FDD and half-duplex FDD (Fixed Reference Channel) demodulation of PDCCH in enhanced coverage	13.2.0	13.3.0
2016-09	RAN#73	R5-166311	2811	1	Adding RMCs for CAT M1 testing to Annex A	13.2.0	13.3.0
2016-09	RAN#73	R5-166312	2849	2	New test case: 7.8.1EA Wide band intermodulation for UE category M1	13.2.0	13.3.0

2016-09	RAN#73	R5-166313	2891	2	Introduction of new test case In-band blocking for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166314	2892	2	Introduction of new test case Out-of-band blocking for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166315	2893	2	Introduction of new test case Narrow band blocking for UE category M1	13.2.0	13.3.0
2016-09	RAN#73	R5-166319	2973	2	36.521-1 Correction of intra-band cont CA spurious co-existence test case for Rel-10 and Rel-11 UEs	13.2.0	13.3.0
2016-09	RAN#73	R5-166053	2904	1	New CA band combination CA_1A-41A-42A - Updates of 5.4.2A Channel bandwidth	13.3.0	14.0.0
2016-09	RAN#73	R5-166054	2906	1	New CA band combination CA_1A-41A-42A - Updates of 6.2.5.3 Delta TIB	13.3.0	14.0.0
2016-09	RAN#73	R5-166055	2907	1	New CA band combination CA_1A-41A-42A - Updates of 7.3.3 Delta RIB	13.3.0	14.0.0
2016-09	RAN#73	R5-166056	2908	1	New CA band combination CA_1A-41A-42A - Updates of 7.3A Refsens	13.3.0	14.0.0
2016-12	RAN#74	R5-168019	2984	-	Adding MPDCCH aggregation level to Annex C for CAT M1 testing	14.0.0	14.1.0
2016-12	RAN#74	R5-168042	2995	-	Introduction of numbering rules guideline for category M1 in Annex I	14.0.0	14.1.0
2016-12	RAN#74	R5-168123	3007	-	Completion of 4Rx Test Cases for CQI reporting under AWGN	14.0.0	14.1.0
2016-12	RAN#74	R5-168125	3009	-	Correction to Initial conditions of TC 6.2.4A.2_1 for NS_03/NS_01	14.0.0	14.1.0
2016-12	RAN#74	R5-168126	3010	-	Correction to Initial conditions of TC 6.6.2.2A.2_1 for NS_03/NS_01	14.0.0	14.1.0
2016-12	RAN#74	R5-168189	3014	-	Chapter 3 introduction of symbols for NB-IoT	14.0.0	14.1.0
2016-12	RAN#74	R5-168190	3015	-	Chapter 5 change of frequency bands and channel arrangement for NB-IoT	14.0.0	14.1.0
2016-12	RAN#74	R5-168191	3016	-	6.2.5F Configured UE transmitted Output Power for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-168194	3019	-	Annex A Introduction of UL RMC for NB-IoT	14.0.0	14.1.0
2016-12	RAN#74	R5-168195	3020	-	Introduction of TT for EVM and Carrier leakage test cases	14.0.0	14.1.0
2016-12	RAN#74	R5-168209	3021	-	Derivation of Test Requirements for 7.5A.4 ACS for intra-band non-contiguous DL CA	14.0.0	14.1.0
2016-12	RAN#74	R5-168294	3042	-	Update to eMTC RF test case 6.3.5EA.1 and 6.3.5EA.2 for category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-168310	3047	-	Updated chapter 2, 3, 4 and 5 for ProSe	14.0.0	14.1.0
2016-12	RAN#74	R5-168311	3048	-	Updated of Delta Tib tables in clause 6.2.5.3 for all Rel-14 CA configurations	14.0.0	14.1.0
2016-12	RAN#74	R5-168314	3051	-	Correction to RF TC 6.6.3.1A.1	14.0.0	14.1.0
2016-12	RAN#74	R5-168368	3053	-	Updates to section 7 4Rx single carrier TCs	14.0.0	14.1.0
2016-12	RAN#74	R5-168400	3063	-	Band 70 introduction to 36.521-1 Chapter 5	14.0.0	14.1.0
2016-12	RAN#74	R5-168401	3064	-	Band 70 introduction to 36.521-1 output power requirements	14.0.0	14.1.0
2016-12	RAN#74	R5-168405	3066	-	Correction to TX-RX frequency separation for Band 65	14.0.0	14.1.0
2016-12	RAN#74	R5-168420	3069	-	Update of TC 6.6.3.1A.2	14.0.0	14.1.0
2016-12	RAN#74	R5-168478	3070	-	Introduction of Power Class 2 in power control for HPUE	14.0.0	14.1.0

2016-12	RAN#74	R5-168484	3071	-	Update to 4 test cases 8.10.4.1.1, 8.10.4.1.2, 8.10.4.2.1 and 8.10.4.2.2 by adding connection diagram	14.0.0	14.1.0
2016-12	RAN#74	R5-168555	3093	-	Updates of the test number in TC 8.7.5.1_H.2 TDD FDD CA SDR for FDD PCell (3DL CA) for 256QAM in DL	14.0.0	14.1.0
2016-12	RAN#74	R5-168557	3094	-	Correction of the test point for TC 7.3A.9 REFSENS 4DL CA	14.0.0	14.1.0
2016-12	RAN#74	R5-168595	3103	-	Update to In-band blocking requirements 7.6.1A.0	14.0.0	14.1.0
2016-12	RAN#74	R5-168604	3105	-	Clean-up of 7.3A.3 test configuration tables	14.0.0	14.1.0
2016-12	RAN#74	R5-168647	3115	-	Correction of RB allocation in Additional Maximum Power Reduction (A-MPR) for CA and Additional Spectrum Emission Mask for CA	14.0.0	14.1.0
2016-12	RAN#74	R5-168654	3120	-	Corrections of Spurious Emissions TC for CA	14.0.0	14.1.0
2016-12	RAN#74	R5-168668	3126	-	Correction to tolerance value for CA_NS_01 for CA A-MPR test 6.2.4A.1	14.0.0	14.1.0
2016-12	RAN#74	R5-168669	3127	-	Correction to UL RB allocation in 6.5.1A Frequency error for CA	14.0.0	14.1.0
2016-12	RAN#74	R5-168670	3128	-	Clarification of test requirement for CA MPR test cases 6.2.3A.1 and 6.2.3A.1_1	14.0.0	14.1.0
2016-12	RAN#74	R5-168671	3129	-	Correction of Highest NRB_agg and REFSENS in 7.3A.5	14.0.0	14.1.0
2016-12	RAN#74	R5-168672	3130	-	Correction to DL modulation parameter for CA 5A-5A in Max Input Level test	14.0.0	14.1.0
2016-12	RAN#74	R5-168675	3133	-	Correction to reference channel of Multi-Layer Spatial Multiplexing test case for CA	14.0.0	14.1.0
2016-12	RAN#74	R5-168676	3134	-	Corrections regarding power allocation for TM9 performance and CQI tests	14.0.0	14.1.0
2016-12	RAN#74	R5-168749	3151	-	Update minimum conformance requirements for receiver 4 Rx antenna ports test cases and legacy test cases	14.0.0	14.1.0
2016-12	RAN#74	R5-168785	3167	-	RF: Correction to RMC R.31-6 FDD	14.0.0	14.1.0
2016-12	RAN#74	R5-168792	3171	-	Updates to test case 6.2.3EA - MPR for category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-168794	3172	-	Updates to test case 6.2.4EA - A-MPR for category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-168795	3173	-	Updates to test case 6.6.2.1EA - SEM for category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-168796	3174	-	Updates to test case 6.6.2.2EA – Additional SEM for category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-168797	3175	-	Updates to test case 6.6.3EA.3 – Additional Spurious emissions for category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-168803	3179	-	Introduction of new test case 7.6.1F In-band blocking for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-168805	3181	-	Introduction of new test case 7.6.2F Out-of-band blocking for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-168807	3182	-	CSI-RS-Config-r10 message content aligned to minimum conformance requirements for TC 8.3.1.1.2_D	14.0.0	14.1.0
2016-12	RAN#74	R5-168816	3184	-	NB-IoT test frequencies algorithm for TRx test cases	14.0.0	14.1.0
2016-12	RAN#74	R5-168827	3188	-	Addition Reference sensitivity with repetitions test for UE category NB1 7.3F.2	14.0.0	14.1.0
2016-12	RAN#74	R5-168829	3189	-	Default operation mode definition for TRx TCs	14.0.0	14.1.0
2016-12	RAN#74	R5-168845	3191	-	CA_70C introduction to 36.521-1 receiver requirements	14.0.0	14.1.0
2016-12	RAN#74	R5-168847	3192	-	Update UL RMC for CA_1A-3A-7A in 7.3A.5	14.0.0	14.1.0

2016-12	RAN#74	R5-168849	3193	-	Update test repetitions tables for receiver 4CC test cases	14.0.0	14.1.0
2016-12	RAN#74	R5-168851	3194	-	Update test case 6.5.2A.2.1 to remove editor's notes	14.0.0	14.1.0
2016-12	RAN#74	R5-168852	3195	-	Update reference sensitivity level for some CA Configurations in test 7.3A.6	14.0.0	14.1.0
2016-12	RAN#74	R5-168857	3197	-	Editorial correction in TC 6.2.4A.1_1	14.0.0	14.1.0
2016-12	RAN#74	R5-168858	3198	-	Update reference tables in ASEM, ACLR, ASE for intra-band contiguous UL CA for UL 64QAM	14.0.0	14.1.0
2016-12	RAN#74	R5-168859	3199	-	Update test cases 6.2.4A.1 and 6.6.2.2A.1 to remove editor's notes	14.0.0	14.1.0
2016-12	RAN#74	R5-168974	3210	-	Addition of TM10 CQI reporting test cases with NAICS	14.0.0	14.1.0
2016-12	RAN#74	R5-168975	3211	-	Test tolerance update to MPDCCH performance test cases	14.0.0	14.1.0
2016-12	RAN#74	R5-168979	3213	-	Update of test tolerance of 4-Rx Type A demod test cases	14.0.0	14.1.0
2016-12	RAN#74	R5-168981	3215	-	Test Tolerances for FDD PDSCH Closed Loop Single Layer Spatial Multiplexing on antenna ports 7 or 8 with TM9 Interference Model – Enhanced Performance Requirement Type B (8.3.1.1.4)	14.0.0	14.1.0
2016-12	RAN#74	R5-168982	3216	-	Test Tolerances for FDD PDSCH Closed Loop Single-layer Spatial Multiplexing on antenna ports 7 or 8 with TM3 interference model - Enhanced Performance Requirement Type B (8.3.1.1.6)	14.0.0	14.1.0
2016-12	RAN#74	R5-168983	3217	-	Test Tolerances for TDD PDSCH Closed Loop Single-layer Spatial Multiplexing on antenna ports 7 or 8 with TM9 Interference Model - Enhanced Performance Requirement Type B (8.3.2.1.5)	14.0.0	14.1.0
2016-12	RAN#74	R5-168984	3218	-	Test Tolerances for TDD PDSCH Closed Loop Single-layer Spatial Multiplexing on antenna ports 7 or 8 with TM3 Interference Model - Enhanced Performance Requirement Type B (8.3.2.1.7)	14.0.0	14.1.0
2016-12	RAN#74	R5-168985	3219	-	Test Tolerances for FDD and TDD CQI Reporting under fading conditions - PUCCH 1-1 (CSI Reference Symbol) TM9 - Enhanced Receiver Type B (9.3.8.2.1 and 9.3.8.2.2)	14.0.0	14.1.0
2016-12	RAN#74	R5-169045	3229	-	Addition Transmit intermodulation for UE category M1 test case 6.7EA	14.0.0	14.1.0
2016-12	RAN#74	R5-169502	3080	1	Update to test case 8.7.5.1.2	14.0.0	14.1.0
2016-12	RAN#74	R5-169506	3006	1	Update of B3/39 UE co-existence requirements	14.0.0	14.1.0
2016-12	RAN#74	R5-169507	3058	1	Updates to SEM Test Cases for HPUE	14.0.0	14.1.0
2016-12	RAN#74	R5-169508	3067	1	Correction to Band 66 UL-MIMO test requirements 6.2.3B, 6.2.4B	14.0.0	14.1.0
2016-12	RAN#74	R5-169509	3068	1	Correction to NS_24 and NS_25 TC 6.6.3.3 test requirements	14.0.0	14.1.0
2016-12	RAN#74	R5-169510	3108	1	Correction of test description for NS_05 A-MPR	14.0.0	14.1.0
2016-12	RAN#74	R5-169511	3109	1	Correction of test description for NS_05 Additional spurious emissions	14.0.0	14.1.0
2016-12	RAN#74	R5-169512	3138	1	Correction of power tolerance in A-MPR TC	14.0.0	14.1.0
2016-12	RAN#74	R5-169513	3196	1	Update TC 6.6.3.3A.1 to remove editor's notes and modify additional requirements for CA_NS_07	14.0.0	14.1.0
2016-12	RAN#74	R5-169514	3097	1	Addition of missing CA_7A-8A for Refsens test	14.0.0	14.1.0
2016-12	RAN#74	R5-169519	3043	1	Introduction of new NB-IoT RF test case 6.3.3F for category NB1	14.0.0	14.1.0

2016-12	RAN#74	R5-169520	3212	1	Addition of demod test case for NPDSCH with In-band mode	14.0.0	14.1.0
2016-12	RAN#74	R5-169521	3074	1	Update to test case 6.3.5F.2 Power Control Relative power tolerance for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169522	3076	1	Update to test case 7.8.1F Wide band Intermodulation UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169523	3214	1	Update to Annex H	14.0.0	14.1.0
2016-12	RAN#74	R5-169524	3099	1	Supplementation of test case 6.7F for Transmit Intermodulation for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169525	3177	1	Updates in test case 6.6.3F.1, Transmitter Spurious emissions for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169526	3185	1	Corrections for NB-IoT Rx test cases in TS 36.521-1	14.0.0	14.1.0
2016-12	RAN#74	R5-169527	3186	1	Corrections for NB-IoT Tx test cases in TS 36.521-1	14.0.0	14.1.0
2016-12	RAN#74	R5-169528	3227	1	Addition of demod test case for NPDCCH with In-band mode	14.0.0	14.1.0
2016-12	RAN#74	R5-169531	3056	1	Corrections to TC 7.3A.9	14.0.0	14.1.0
2016-12	RAN#74	R5-169532	3078	1	Add New TC of 9.6.1.3.3 for TDD FDD CQI Reporting under AWGN conditions - PUCCH 1-0 for FDD PCell (4DL CA)	14.0.0	14.1.0
2016-12	RAN#74	R5-169533	3079	1	Add New TC of 9.6.1.4.3 for TDD FDD CQI Reporting under AWGN conditions – PUCCH 1-0 for TDD Pcell	14.0.0	14.1.0
2016-12	RAN#74	R5-169535	3089	1	Addition of the new TC 8.7.5.1.3 TDD FDD CA Sustained data rate performance for FDD PCell (4DL CA)	14.0.0	14.1.0
2016-12	RAN#74	R5-169536	3091	1	Addition of the new TC 8.2.3.1.1.3 TDD FDD CA PDSCH Single Antenna Port Performance for FDD PCell (4DL CA)	14.0.0	14.1.0
2016-12	RAN#74	R5-169537	3092	1	Addition of the new TC 8.7.5.1_H.3 TDD FDD CA Sustained data rate performance for FDD PCell (4DL CA) for 256QAM in DL	14.0.0	14.1.0
2016-12	RAN#74	R5-169539	3111	1	New CA band combination CA_1A-11A-18A - Updates of 7.3A Refsens	14.0.0	14.1.0
2016-12	RAN#74	R5-169541	3112	1	New CA band combination CA_41C-42C - Updates of 7.3A Refsens	14.0.0	14.1.0
2016-12	RAN#74	R5-169543	3113	1	New CA band combinations CA_1A-18A, 1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of 6.2.2A UE maximum output power	14.0.0	14.1.0
2016-12	RAN#74	R5-169544	3117	1	New CA band combinations CA_1A-18A, 1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of 6.6.3.1A Transmitter Spurious emissions	14.0.0	14.1.0
2016-12	RAN#74	R5-169545	3118	1	New CA band combinations CA_1A-18A, 1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of 6.6.3.2A Spurious emission band UE co-existence	14.0.0	14.1.0
2016-12	RAN#74	R5-169546	3137	1	Introduction of exception for CA_4A-12A-30A in Refsense TC	14.0.0	14.1.0
2016-12	RAN#74	R5-169550	3164	1	Correction of CA_42-42 sub-block CA configuration	14.0.0	14.1.0
2016-12	RAN#74	R5-169567	2994	1	Updates of 7.3A Refsens for CA_1A-3A-41A	14.0.0	14.1.0
2016-12	RAN#74	R5-169568	3049	1	Updated of Delta Rib tables in clause 7.3.3 for all Rel-14 CA configurations	14.0.0	14.1.0
2016-12	RAN#74	R5-169569	3050	1	Updated of Reference sensitivity level in clause 7.3A.0 for all Rel-14 CA configurations	14.0.0	14.1.0
2016-12	RAN#74	R5-169570	3086	1	Updates of the test point of the TC 6.6.2.3EA ACLR for UE category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-169571	3125	1	Correction to Rx test cases for Cat M1	14.0.0	14.1.0

2016-12	RAN#74	R5-169572	3228	1	Update of CA operating bands and bandwidth for all CA configurations as per TS 36.101 v14.1.0	14.0.0	14.1.0
~~2016-12~~	~~RAN#74~~	~~R5-169573~~	~~3180~~	~~1~~	~~Introduction of FDD and Half-Duplex FDD Demodulation of MPDCCH in CE Mode B Test Case~~ (not implementable)	~~14.0.0~~	~~14.1.0~~
~~2016-12~~	~~RAN#74~~	~~R5-169574~~	~~3183~~	~~1~~	~~Introduction of TDD Demodulation of MPDCCH in CE Mode B Test Case~~ (not implementable)	~~14.0.0~~	~~14.1.0~~
2016-12	RAN#74	R5-169610	3170	1	Introduction of NAICS demod test cases 8.3.1.1.5 (FDD) and 8.3.2.1.6 (TDD)	14.0.0	14.1.0
2016-12	RAN#74	R5-169612	3022	1	Introduction of ProSe Transmit Off power Test case 6.3.3D.1	14.0.0	14.1.0
2016-12	RAN#74	R5-169613	3060	1	Updates to ProSe Receiver TCs	14.0.0	14.1.0
2016-12	RAN#74	R5-169615	3013	1	Update of TC 6.6.3.2A.2	14.0.0	14.1.0
2016-12	RAN#74	R5-169616	3055	1	Corrections to TC 7.3A.6	14.0.0	14.1.0
2016-12	RAN#74	R5-169620	3008	1	update Annex A with 4Rx RMCs	14.0.0	14.1.0
2016-12	RAN#74	R5-169621	3011	1	Addition of new 4Rx Test Case – TDD PMI reporting	14.0.0	14.1.0
2016-12	RAN#74	R5-169622	3012	1	Addition of new 4Rx Test Case - TDD FDD CA SDR (2DL CA)	14.0.0	14.1.0
2016-12	RAN#74	R5-169623	3023	1	Introduction of 4Rx new test case "FDD sustained data rate performance 4X4"	14.0.0	14.1.0
2016-12	RAN#74	R5-169624	3024	1	Introduction of 4Rx new test case "TDD sustained data rate performance 4X4"	14.0.0	14.1.0
2016-12	RAN#74	R5-169625	3025	1	Introduction of new 4Rx test case 9.9.2.1.1	14.0.0	14.1.0
2016-12	RAN#74	R5-169626	3026	1	Introduction of new 4Rx test case 9.9.2.1.2	14.0.0	14.1.0
2016-12	RAN#74	R5-169627	3027	1	Introduction of new 4Rx test case 9.9.2.2.1	14.0.0	14.1.0
2016-12	RAN#74	R5-169628	3028	1	Introduction of new 4Rx test case 9.9.2.2.2	14.0.0	14.1.0
2016-12	RAN#74	R5-169629	3030	1	Update connection diagram for PCFICH/PDCCH performance with 4Rx antenna ports	14.0.0	14.1.0
2016-12	RAN#74	R5-169630	3031	1	Update to FDD PHICH Single-antenna Port Performance 1x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169631	3032	1	Update to FDD PHICH Transmit Diversity 2x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169632	3033	1	Update to FDD PHICH Transmit Diversity 4x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169633	3034	1	Update to TDD PHICH Single-antenna Port Performance 1x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169634	3035	1	Update to TDD PHICH Transmit Diversity 2x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169635	3036	1	Update to TDD PHICH Transmit Diversity 4x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169636	3046	1	Update Reference sensitivity for additional requirement and TC7.3_1 test requirement	14.0.0	14.1.0
2016-12	RAN#74	R5-169637	3054	1	Updates to 4 Layer Spatial Multiplexing TCs	14.0.0	14.1.0
2016-12	RAN#74	R5-169638	3110	1	Correction of FDD and TDD Open-loop spatial multiplexing TCs with 3 Layer Multiplexing with 4 Tx Antenna Ports	14.0.0	14.1.0
2016-12	RAN#74	R5-169639	3123	1	Correction to 4Rx demodulation tests	14.0.0	14.1.0
2016-12	RAN#74	R5-169640	3178	1	Introduction of FDD 4Rx PDSCH demodulation test cases	14.0.0	14.1.0
2016-12	RAN#74	R5-169650	3065	1	Band 70 introduction to 36.521-1 receiver requirements	14.0.0	14.1.0
2016-12	RAN#74	R5-169652	3156	1	Introduction of Band 41 HPUE Maximum Output Power	14.0.0	14.1.0
2016-12	RAN#74	R5-169653	3157	1	Introduction of Band 41 HPUE Maximum Output Power for CA	14.0.0	14.1.0

2016-12	RAN#74	R5-169654	3158	1	Introduction of Band 41 HPUE Maximum Output Power for UL-MIMO	14.0.0	14.1.0
2016-12	RAN#74	R5-169655	3159	1	Introduction of Band 41 HPUE Maximum Power Reduction	14.0.0	14.1.0
2016-12	RAN#74	R5-169656	3168	1	Introduction of Power Class 2 in test case 6.2.5_1 Configured UE transmitted Output Power for HPUE	14.0.0	14.1.0
2016-12	RAN#74	R5-169657	3169	1	Addition of TDD RMC for UL-DL configuration 0	14.0.0	14.1.0
2016-12	RAN#74	R5-169659	3136	1	Correction of CQI Reporting under AWGN conditions - PUCCH 1-1 (Cell-Specific Reference Symbols) TC	14.0.0	14.1.0
2016-12	RAN#74	R5-169660	3059	1	Updates to SEM Test Case for category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169662	3106	1	Correction to EPDCCH SDR tests	14.0.0	14.1.0
2016-12	RAN#74	R5-169665	3122	1	Corrections to 256QAM sustained data rate performance test cases	14.0.0	14.1.0
2016-12	RAN#74	R5-169666	3082	1	Introduction of Rel-13 CA new test case "TDD Sustained data rate performance for CA (4DL CA)"	14.0.0	14.1.0
2016-12	RAN#74	R5-169667	3114	1	New CA band combinations CA_1A-18A, 1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of 6.2.4A Additional Maximum Power Reduction (A-MPR)	14.0.0	14.1.0
2016-12	RAN#74	R5-169668	3116	1	New CA band combinations CA_1A-18A, 1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of 6.6.2.2A Additional Spectrum Emission Mask	14.0.0	14.1.0
2016-12	RAN#74	R5-169669	3119	1	New CA band combinations CA_1A-18A, 1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of 6.6.3.3A Additional spurious emissions	14.0.0	14.1.0
2016-12	RAN#74	R5-169671	3220	1	Addition of CA band combinations into TC 7.3A.9	14.0.0	14.1.0
2016-12	RAN#74	R5-169672	3221	1	Update of 4DL CA RX Test Cases	14.0.0	14.1.0
2016-12	RAN#74	R5-169675	3203	1	Addition of new case FDD RI Reporting- PUCCH 1-1 4x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169676	3204	1	Addition of new case TDD RI Reporting- PUSCH 3-1 4x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169677	3206	1	Addition of new case FDD RI Reporting- PUCCH 1-1 for eDL-MIMO 1x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169678	3207	1	Addition of new case TDD RI Reporting- PUCCH 1-1 for eDL-MIMO 1x4	14.0.0	14.1.0
2016-12	RAN#74	R5-169681	3160	1	Update some receiver test cases to add LAA band combinations	14.0.0	14.1.0
2016-12	RAN#74	R5-169682	3202	1	Update test case 7.8.1A.3 to add LAA band combinations	14.0.0	14.1.0
2016-12	RAN#74	R5-169683	3044	1	Updated to RF test case 6.3.4F.1 for Category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169684	3045	1	Introduction of new NB-IoT RF test case 6.3.4F.2 for category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169686	3075	1	Update to test case 7.7F Spurious response for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169687	3088	1	Updates of the TC 6.6.3F.2 Spurious emission band UE co-existence for category NB1 UE	14.0.0	14.1.0
2016-12	RAN#74	R5-169688	3098	1	Supplementation of test case 6.6.2.3F for ACLR for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169689	3100	1	Update of test case 6.6.1F Occupied bandwidth for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169690	3101	1	Update of test case 6.6.2.1F Spectrum Emission Mask for UE category NB1	14.0.0	14.1.0

2016-12	RAN#74	R5-169691	3102	1	Update of test case 6.5.2.3F In-band emissions for non allocated RB for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169692	3124	1	Update Adjacent Channel Selectivity (ACS) for UE category NB1 test case 7.5F	14.0.0	14.1.0
2016-12	RAN#74	R5-169693	3176	1	Updates in test case 6.2.3F, Maximum Power Reduction (MPR) for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169694	3225	1	Update of Test Case 6.5.1F Frequency Error for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169696	3017	1	6.5.2.1F.1 Error Vector Magnitude (EVM) for NB-IoT	14.0.0	14.1.0
2016-12	RAN#74	R5-169697	3018	1	6.5.2.2F Carrier leakage for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169699	2996	1	Updates to HD-FDD scheduling pattern for cat M1 RMCs in annex A	14.0.0	14.1.0
2016-12	RAN#74	R5-169700	2998	1	Update test case: 8.11.1.1.1, FDD Closed-loop spatial multiplexing performance for UE category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-169701	2999	1	New test case: 8.11.1.1.2, FDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 for UE category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-169702	3000	1	New test cases: 8.11.1.1.3, FDD PDSCH Transmit Diversity 2x1 for UE category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-169703	3001	1	New test case: 8.11.1.2.1, TDD Closed-loop spatial multiplexing performance for UE category M1 (Cell-Specific Reference Symbols)	14.0.0	14.1.0
2016-12	RAN#74	R5-169704	3002	1	New test case: 8.11.1.2.2, TDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 for UE category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-169705	3003	1	New test case: 8.11.1.2.3, TDD PDSCH Transmit Diversity for UE category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-169706	3005	1	Updating eMTC test case 9.8.1.1, FDD and Half duplex FDD CQI reporting definition under AWGN conditions for UE category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-169707	3004	1	New test case: 8.11.1.2.3_1, TDD PDSCH Transmit Diversity for UE category M1 (CEModeB)	14.0.0	14.1.0
2016-12	RAN#74	R5-169713	3131	1	Correction to PCC SCC frequency mapping for CA_66A-66A	14.0.0	14.1.0
2016-12	RAN#74	R5-169715	3132	1	Correction of UL RMC for sustained data rate CA test cases	14.0.0	14.1.0
2016-12	RAN#74	R5-169716	3162	1	Update test procedure 9.2.1.5_E.1 and 9.2.1.6_E.1 test cases to align it with minimum conformance requirements	14.0.0	14.1.0
2016-12	RAN#74	R5-169719	3081	1	Introduction of Rel-13 CA new test case "FDD Sustained data rate performance for CA (5DL CA)"	14.0.0	14.1.0
2016-12	RAN#74	R5-169720	3083	1	Introduction of Rel-13 CA new test case "FDD CQI Reporting under AWGN conditions – PUCCH 1-0 for CA (5DL CA)"	14.0.0	14.1.0
2016-12	RAN#74	R5-169721	3104	1	Introduction of new TC 8.2.2.1.1_A.3 4DL CA	14.0.0	14.1.0
2016-12	RAN#74	R5-169722	3222	1	New TC: FDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for 5DL CA	14.0.0	14.1.0
2016-12	RAN#74	R5-169723	3223	1	New TCs: TDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for 4DL CA	14.0.0	14.1.0
2016-12	RAN#74	R5-169730	3121	2	Correction to test points for test cases refer to 6.2.3A	14.0.0	14.1.0
2016-12	RAN#74	R5-169732	3073	2	Update to test case 6.3.5F.1 Power Control Absolute power tolerance for UE category NB1	14.0.0	14.1.0
2016-12	RAN#74	R5-169735	3166	2	Update test requirements for test case 6.6.3.2A.1	14.0.0	14.1.0
2017-03	RAN#75	R5-170604	3238	-	Update 4Rx test cases 9.9.4.1.1/9.9.4.1.2/9.9.4.2.1/9.9.4.2.2	14.1.0	14.2.0

2017-03	RAN#75	R5-170606	3239	-	Update 4Rx test cases 9.9.4.1.1/9.9.4.1.2/9.9.4.2.1/9.9.4.2.2 information in Annex F and G.	14.1.0	14.2.0
2017-03	RAN#75	R5-170627	3249	-	Resubmission of R5-170017 Update of editor's note in NB-IoT receiver RF tests related to scheduling pattern issue	14.1.0	14.2.0
2017-03	RAN#75	R5-170630	3250	-	Resubmission of R5-170073 Update of editor's note in NB-IoT transmitter RF tests related to scheduling pattern issue	14.1.0	14.2.0
2017-03	RAN#75	R5-170631	3251	-	Resubmission of R5-170074 Update of test parameters for NPDCCH tests	14.1.0	14.2.0
2017-03	RAN#75	R5-170632	3252	-	Resubmission of R5-170328 New TC 6.3.5F.3 Aggregate power control tolerance for category NB1	14.1.0	14.2.0
2017-03	RAN#75	R5-170633	3253	-	Resubmission of R5-170333 Introduction of RMCs for NB-IoT demodulation tests	14.1.0	14.2.0
2017-03	RAN#75	R5-170641	3258	-	Update of TC 6.6.2.3_1 Adjacent Channel Leakage power Ratio for HPUE	14.1.0	14.2.0
2017-03	RAN#75	R5-170694	3269	-	Updates of the CQI reporting TC 9.6.1.4.2 for TDD FDD CA	14.1.0	14.2.0
2017-03	RAN#75	R5-170750	3273	-	Correction of typos in test cases 6.3.5.1, 6.3.5A.1.1, 6.3.5A.1.2, 6.3.5A.1.3, 6.3.5B.1, 6.3.5E.1 and 6.3.5EA.1	14.1.0	14.2.0
2017-03	RAN#75	R5-170751	3274	-	Update to test cases 6.5.1D.1 and 6.5.1D.2 Frequency error for ProSe	14.1.0	14.2.0
2017-03	RAN#75	R5-170757	3276	-	Uncertainties and Test Tolerances update to FDD and TDD CQI Reporting under fading conditions - PUCCH 1-0 - Enhanced Performance Requirement Type A 1x4	14.1.0	14.2.0
2017-03	RAN#75	R5-170758	3277	-	Uncertainties and test tolerances update to FDD and TDD CQI Reporting under fading conditions - PUCCH 1-1 - Enhanced Performance Requirement Type A 2x4	14.1.0	14.2.0
2017-03	RAN#75	R5-170760	3278	-	Update of test cases 8.7.9 and 8.7.10	14.1.0	14.2.0
2017-03	RAN#75	R5-170762	3279	-	Update of test cases 8.7.1.1_A.5, 8.7.2.1_A.3 and 9.6.1.1_A.4	14.1.0	14.2.0
2017-03	RAN#75	R5-170774	3280	-	Beamforming model missing in chapter 9 TM9 receiver type A tests	14.1.0	14.2.0
2017-03	RAN#75	R5-170806	3287	-	Correction of number of EREGs per ECCE for special subframe mentioned in TC 8.7.4	14.1.0	14.2.0
2017-03	RAN#75	R5-170811	3291	-	Correction of description of TC 8.2.2.4.2_1 FDD PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 (Release 9 and Forward)	14.1.0	14.2.0
2017-03	RAN#75	R5-170813	3292	-	Introduction of Minimum Test time for R.73 TDD	14.1.0	14.2.0
2017-03	RAN#75	R5-170814	3293	-	Update of Mapping of CQI Index to Modulation Coding Scheme	14.1.0	14.2.0
2017-03	RAN#75	R5-170816	3295	-	Correction of release of TC Error Vector Magnitude (EVM) for CA (inter-band DL CA and UL CA) for UL 64QAM	14.1.0	14.2.0
2017-03	RAN#75	R5-170823	3296	-	Removal of the power class restriction in the test applicability for Test Cases 6.2.2A.1 and 6.2.2A.2	14.1.0	14.2.0
2017-03	RAN#75	R5-170894	3304	-	Correction to feICIC CQI TCs	14.1.0	14.2.0
2017-03	RAN#75	R5-170895	3305	-	Annex E: Updates for NB-IoT	14.1.0	14.2.0
2017-03	RAN#75	R5-170896	3306	-	Annex E: Update to averaged EVM for D2D	14.1.0	14.2.0
2017-03	RAN#75	R5-170897	3307	-	Update of requirements in TC 6.2.2A.2 for CA_2A-5A and CA_2A-12A	14.1.0	14.2.0
2017-03	RAN#75	R5-170905	3310	-	Re-addition of Band 41 HPUE Maximum Output Power	14.1.0	14.2.0
2017-03	RAN#75	R5-170908	3312	-	Update of TC 6.6.3.3A.2 for CA_2A-5A and CA_2A-12A	14.1.0	14.2.0

2017-03	RAN#75	R5-170909	3313	-	Update of TC 6.6.2.2A.2 for CA_2A-5A and CA_2A-12A	14.1.0	14.2.0
2017-03	RAN#75	R5-170910	3314	-	Update of TC 6.6.2.2A.2_1 for CA_2A-5A and CA_2A-12A	14.1.0	14.2.0
2017-03	RAN#75	R5-170911	3315	-	Correction of RB allocation in TC 6.2.5A.3	14.1.0	14.2.0
2017-03	RAN#75	R5-170912	3316	-	Correction of RB allocation in TC 6.6.2.1A.2	14.1.0	14.2.0
2017-03	RAN#75	R5-170914	3317	-	Corrected test requirements for TC 6.2.3A.2_1	14.1.0	14.2.0
2017-03	RAN#75	R5-170915	3318	-	Correction to configuration table in TC 6.7A.2	14.1.0	14.2.0
2017-03	RAN#75	R5-170919	3321	-	Update of applicability for 4Rx CQI reporting under AWGN tests	14.1.0	14.2.0
2017-03	RAN#75	R5-170949	3324	-	Addition of CA_2A-66A and CA_5A-66A in TS 36.521-1	14.1.0	14.2.0
2017-03	RAN#75	R5-170957	3326	-	Update to test case 7.6.1F In-band blocking for category NB1	14.1.0	14.2.0
2017-03	RAN#75	R5-170958	3327	-	Update to test case 7.6.2F Out-of-band blocking for category NB1	14.1.0	14.2.0
2017-03	RAN#75	R5-170996	3332	-	New CA band combinations CA_1A-18A, 1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of 7.3A.6 REFSENS	14.1.0	14.2.0
2017-03	RAN#75	R5-171006	3334	-	Update test configuration and requirement for CA_8B in clause 6	14.1.0	14.2.0
2017-03	RAN#75	R5-171010	3336	-	Update RF general section for V2X information	14.1.0	14.2.0
2017-03	RAN#75	R5-171040	3347	-	Update of test tolerance of 4-Rx TDD Type A demod test cases	14.1.0	14.2.0
2017-03	RAN#75	R5-171085	3353	-	Addition of applicability and test rules for CA UE demodulation tests with 4DL and 5DL CCs	14.1.0	14.2.0
2017-03	RAN#75	R5-171092	3360	-	Addition of CA configuration CA_4A-5A-29A for Refsens test	14.1.0	14.2.0
2017-03	RAN#75	R5-171094	3362	-	Addition of CA configuration CA_20A-31A for Refsens test	14.1.0	14.2.0
2017-03	RAN#75	R5-171095	3363	-	Addition of CA configuration CA_7A-42A and CA_28A-40A for Refsens test	14.1.0	14.2.0
2017-03	RAN#75	R5-171097	3365	-	Addition of for CA_20A-42A and CA_20A-42A-42A Refsens test	14.1.0	14.2.0
2017-03	RAN#75	R5-171098	3366	-	Addition of for CA_40C Set 1 Refsens test	14.1.0	14.2.0
2017-03	RAN#75	R5-171153	3368	-	Update receiver test cases to remove DCI format 1C	14.1.0	14.2.0
2017-03	RAN#75	R5-171161	3369	-	Editorial correction in reference clause numbering for TC 6.3.4A.1.1	14.1.0	14.2.0
2017-03	RAN#75	R5-171162	3370	-	Update test configuration table and requirement for CA_8B in clause 7	14.1.0	14.2.0
2017-03	RAN#75	R5-171165	3371	-	Addition of 7.4A.3_H and 7.4A.4_H to Annex F	14.1.0	14.2.0
2017-03	RAN#75	R5-171167	3373	-	Clean up on clause 7 256QAM test cases	14.1.0	14.2.0
2017-03	RAN#75	R5-171178	3382	-	Addition of Downlink Reference measurement channel for Cat-M1 TX characteristics	14.1.0	14.2.0
2017-03	RAN#75	R5-171182	3383	-	Clean up on Tx test cases for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171183	3384	-	Correction to general and additional Tx spurious for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171184	3385	-	Correction to HD-FDD PDSCH scheduling pattern for UE category M1 RMC	14.1.0	14.2.0
2017-03	RAN#75	R5-171185	3386	-	Correction to PUSCH-EVM with exclusion period for UE category M1	14.1.0	14.2.0

2017-03	RAN#75	R5-171186	3387	-	Correction to Power control test cases for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171187	3388	-	Correction to ON/OFF time mask for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171188	3389	-	Clarification of test requirement for test cases 6.2.2A.1, 6.2.4A.1 and 6.2.4A.1_1	14.1.0	14.2.0
2017-03	RAN#75	R5-171190	3391	-	Correction to additional spurious emissions test	14.1.0	14.2.0
2017-03	RAN#75	R5-171191	3392	-	Correction to test procedure for test case 7.9A	14.1.0	14.2.0
2017-03	RAN#75	R5-171201	3396	-	Editorial correction in test case 6.3.5A.2.2	14.1.0	14.2.0
2017-03	RAN#75	R5-171202	3397	-	Alignment frequency ranges in TC 6.6.3.1A.2 for CA_3A-26A and CA_5A-17A to TR 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171203	3398	-	Correction in configuration IDs for NS_24 in test cases 6.2.4_2 and 6.6.3.3_1	14.1.0	14.2.0
2017-03	RAN#75	R5-171226	3401	-	Update of Annex C to include 4 antenna ports in UE	14.1.0	14.2.0
2017-03	RAN#75	R5-171227	3402	-	Adding support for 4 Rx antenna port UEs in Receiver test cases	14.1.0	14.2.0
2017-03	RAN#75	R5-171234	3406	-	Update of Reference Sensitivity test case for UE category M1	14.1.0	14.2.0
2017F-03	RAN#75	R5-171237	3409	-	Correction to test case 7.3F.2, Reference sensitivity level with repetitions for category NB1	14.1.0	14.2.0
2017-03	RAN#75	R5-171238	3410	-	Correction to test case header in 8.11.1.1.1, 8.11.1.1.2, 8.11.1.1.3 and 8.11.1.1.3_1	14.1.0	14.2.0
2017-03	RAN#75	R5-171247	3419	-	Update of Frequency error test case for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171315	3435	-	Clean up in test case 6.6.2.1A.2 to remove additional spectrum emission requirements	14.1.0	14.2.0
2017-03	RAN#75	R5-171349	3437	-	Correction to NS_24 and NS_25 test configurations to align use of Ful	14.1.0	14.2.0
2017-03	RAN#75	R5-171514	3439	-	Update TT of the TC 8.2.3.1.1.3 TDD FDD CA PDSCH Single Antenna Performance for FDD PCell(4DL CA)	14.1.0	14.2.0
2017-03	RAN#75	R5-171700	3248	1	Clean up editor's note for UL 64QAM	14.1.0	14.2.0
2017-03	RAN#75	R5-171701	3390	1	Correction to UL CA Tx tests	14.1.0	14.2.0
2017-03	RAN#75	R5-171707	3230	1	Updates of 7.3A Refsens for CA_1C-3A	14.1.0	14.2.0
2017-03	RAN#75	R5-171708	3297	1	Introduction of CA_3A-11A to section 7	14.1.0	14.2.0
2017-03	RAN#75	R5-171709	3298	1	Introduction of CA_8A-28A to section 7	14.1.0	14.2.0
2017-03	RAN#75	R5-171711	3300	1	Introduction of 3DL/1UL of CA_1A-8A-28A to section 7	14.1.0	14.2.0
2017-03	RAN#75	R5-171714	3301	1	Introduction of 3DL/1UL of CA_3A-8A-28A to section 7	14.1.0	14.2.0
2017-03	RAN#75	R5-171717	3302	1	Introduction of 3DL/1UL of CA_3A-28A-41A to section 7	14.1.0	14.2.0
2017-03	RAN#75	R5-171719	3438	1	CA_29A-66A, CA_29A-66A-66A, CA_29A-66C, CA_46A-66A Reference Sensitivity requirements	14.1.0	14.2.0
2017-03	RAN#75	R5-171725	3330	1	Updates of 6.6.3.2 Spurious emission band UE co-existence for Band 5	14.1.0	14.2.0
2017-03	RAN#75	R5-171733	3322	1	LAA: Applicability and test selection update to Section 8	14.1.0	14.2.0
2017-03	RAN#75	R5-171734	3270	1	Annexure update for LAA RF	14.1.0	14.2.0
2017-03	RAN#75	R5-171735	3328	1	Update of test case 7.6.1A.3	14.1.0	14.2.0
2017-03	RAN#75	R5-171736	3367	1	Update test case 7.5A.3 to add LAA band combinations	14.1.0	14.2.0

2017-03	RAN#75	R5-171748	3404	1	Test tolerance for NAICS demod test cases with CRS interference	14.1.0	14.2.0
2017-03	RAN#75	R5-171752	3329	1	Updates to test tolerances and test uncertainty for 4Rx TCs	14.1.0	14.2.0
2017-03	RAN#75	R5-171753	3271	1	LAA Uncertainties and Test Tolerances for Test Case 7.8.1A.3 Intermodulation for CA, inter band DL CA	14.1.0	14.2.0
2017-03	RAN#75	R5-171754	3320	1	LAA: Test case and test tolerance addition for Dual Layer DM-RS demod	14.1.0	14.2.0
2017-03	RAN#75	R5-171787	3265	1	Update to MPDCCH demod test cases in CE Mode A	14.1.0	14.2.0
2017-03	RAN#75	R5-171788	3289	1	Correction of DCI format in MTCe2 TCs and PDSCH and MPDCCH configuration	14.1.0	14.2.0
2017-03	RAN#75	R5-171790	3378	1	Clean up on TRx TCs for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171791	3379	1	Correction to Carrier leakage and In-band emissions for Cat-M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171792	3380	1	Correction to Carrier leakage and In-band emissions	14.1.0	14.2.0
2017-03	RAN#75	R5-171793	3412	1	New eMTC test case 9.8.2.1, FDD and half-duplex FDD UE-selected subband CQI for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171794	3414	1	New eMTC test case 9.8.2.2, TDD UE-selected subband CQI for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171795	3416	1	New eMTC test case 9.8.1.2, TDD CQI reporting definition under AWGN conditions for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171796	3408	1	Correction to test case 9.8.1.1, FDD and Half duplex FDD CQI reporting definition under AWGN conditions for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171813	3266	1	Introduction of FDD and Half-Duplex FDD Demodulation of MPDCCH in CE Mode B Test Case	14.1.0	14.2.0
2017-03	RAN#75	R5-171814	3267	1	Introduction of TDD Demodulation of MPDCCH in CE Mode B Test Case	14.1.0	14.2.0
2017-03	RAN#75	R5-171817	3235	1	Addition of bandwidth combinations 10+5+10MHz and 20+10+5+10MHz in Chapter 8 FDD 3CA and 4CA test cases	14.1.0	14.2.0
2017-03	RAN#75	R5-171818	3237	1	Addition of bandwidth combinations 10+10+ 5MHz and 20+10+10+5MHz in TC 9.6.1.1_A.2 and 9.6.1.1_A.3	14.1.0	14.2.0
2017-03	RAN#75	R5-171819	3240	1	Addition of CA_2A-5A-12B test configuration and reference sensitivity in TC 7.3A.9.	14.1.0	14.2.0
2017-03	RAN#75	R5-171821	3233	1	Addition of CA_1A-3A-28A in 36.521-1	14.1.0	14.2.0
2017-03	RAN#75	R5-171823	3241	1	Addition of CA_2A-4A-30A test configuration and reference sensitivity in TC 7.3A.5.	14.1.0	14.2.0
2017-03	RAN#75	R5-171825	3243	1	Addition of CA_2A-4A-12A-30A test configuration and reference sensitivity in TC 7.3A.9.	14.1.0	14.2.0
2017-03	RAN#75	R5-171829	3242	1	Addition of CA_5A-12B test configuration and reference sensitivity in TC 7.3A.5.	14.1.0	14.2.0
2017-03	RAN#75	R5-171832	3260	1	Addition of CA_2A-4A-5A-12A test configuration and reference sensitivity in TC 7.3A.9	14.1.0	14.2.0
2017-03	RAN#75	R5-171834	3261	1	Addition of CA_2C-12A-30A test configuration and reference sensitivity in TC 7.3A.9	14.1.0	14.2.0
2017-03	RAN#75	R5-171837	3263	1	Addition of CA_2C-30A test configuration and reference sensitivity in TC 7.3A.5	14.1.0	14.2.0
2017-03	RAN#75	R5-171838	3255	1	Addition of CA_2A-2A-4A-5A in subclause 7.3A.9 of 36.521-1	14.1.0	14.2.0
2017-03	RAN#75	R5-171839	3256	1	Addition of CA_2A-2A-5A-12A in subclause 7.3A.9 of 36.521-1	14.1.0	14.2.0

2017-03	RAN#75	R5-171840	3257	1	Addition of CA_2A-2A-12B in subclause 7.3A.9 of 36.521-1	14.1.0	14.2.0
2017-03	RAN#75	R5-171842	3308	1	Update of TC 6.2.4A.2 for CA_2A-5A and CA_2A-12A	14.1.0	14.2.0
2017-03	RAN#75	R5-171844	3331	1	CA band combinations 1A-18A, 1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of 6.6.3.2A Spurious emission band UE co-existence	14.1.0	14.2.0
2017-03	RAN#75	R5-171846	3309	1	Update of TC 6.2.4A.2_1 for CA_2A-5A and CA_2A-12A	14.1.0	14.2.0
2017-03	RAN#75	R5-171847	3311	1	New test points in transmit modulation tests for CA_2A-5A and CA_2A-12A	14.1.0	14.2.0
2017-03	RAN#75	R5-171848	3426	1	Update of 4DL CA Test Cases	14.1.0	14.2.0
2017-03	RAN#75	R5-171851	3341	1	Addition of the new TC 8.2.3.1.1.4 TDD FDD CA PDSCH Single Antenna Performance for FDD PCell(5DL CA)	14.1.0	14.2.0
2017-03	RAN#75	R5-171852	3351	1	Addition of the new TC 8.7.5.1_H.4 TDD FDD CA Sustained data rate performance for FDD PCell (5DL CA) for 256QAM in DL	14.1.0	14.2.0
2017-03	RAN#75	R5-171853	3375	1	Clean up on clause 7 CA test cases	14.1.0	14.2.0
2017-03	RAN#75	R5-171860	3433	1	Correction to Rel 13 CA_5A-5A RF Test Cases Section 7	14.1.0	14.2.0
2017-03	RAN#75	R5-171861	3358	1	Addition of CA configuration CA_3A-40C, CA_3A-41C, CA_28A-40C for Refsens test	14.1.0	14.2.0
2017-03	RAN#75	R5-171862	3359	1	Addition of CA configuration CA_4A-28A for Refsens test	14.1.0	14.2.0
2017-03	RAN#75	R5-171863	3361	1	Addition of CA configuration CA_7A-42A-42A for Refsens test	14.1.0	14.2.0
2017-03	RAN#75	R5-171864	3342	1	Addition of the new TC 8.2.3.1.2.3 TDD FDD CA PDSCH Single Antenna Performance for TDD PCell(4DL CA)	14.1.0	14.2.0
2017-03	RAN#75	R5-171865	3343	1	Addition of the new TC 8.2.3.1.2.4 TDD FDD CA PDSCH Single Antenna Performance for TDD PCell(5DL CA)	14.1.0	14.2.0
2017-03	RAN#75	R5-171866	3344	1	Addition of the new TC 8.2.2.3.1_A.3 TDD PDSCH Open Loop Spatial Multiplexing 2x2 for CA (4DL CA)	14.1.0	14.2.0
2017-03	RAN#75	R5-171867	3354	1	Addition of for FDD PDSCH Single Antenna Port Performance for CA (4DL CA) (8.2.1.1.1_A.4)	14.1.0	14.2.0
2017-03	RAN#75	R5-171868	3355	1	Addition of for FDD PDSCH Single Antenna Port Performance for CA (5DL CA) (8.2.1.1.1_A.5)	14.1.0	14.2.0
2017-03	RAN#75	R5-171869	3356	1	Addition of for FDD PDSCH Open Loop Spatial Multiplexing 2x2 for CA (4DL CA) (8.2.1.3.1_A.3)	14.1.0	14.2.0
2017-03	RAN#75	R5-171870	3357	1	Addition of for FDD PDSCH Open Loop Spatial Multiplexing 2x2 for CA (5DL CA) (8.2.1.3.1_A.4)	14.1.0	14.2.0
2017-03	RAN#75	R5-171871	3372	1	Clarification of test points for sustained data rate test	14.1.0	14.2.0
2017-03	RAN#75	R5-171872	3400	1	Introduction of new Dual Connectivity test cases - Power Control Relative power tolerance	14.1.0	14.2.0
2017-03	RAN#75	R5-171875	3282	1	Addition of Band 47 for UE maximum output power for V2X Communication	14.1.0	14.2.0
2017-03	RAN#75	R5-171876	3284	1	Introduction of UE maximum output power with additional requirements for V2X Communication	14.1.0	14.2.0
2017-03	RAN#75	R5-171877	3285	1	Introduction of 6.2.5G Configured transmitted power for V2X Communication	14.1.0	14.2.0
2017-03	RAN#75	R5-171878	3286	1	Introduction of 6.3.4G.1 General ON/OFF time mask for V2X Communication	14.1.0	14.2.0
2017-03	RAN#75	R5-171879	3337	1	Add Operating bands, channel bandwidth and RMC for V2X	14.1.0	14.2.0
2017-03	RAN#75	R5-171880	3427	1	Introduction of Reference sensitivity level for V2X	14.1.0	14.2.0

2017-03	RAN#75	R5-171881	3428	1	Introduction of Maximum input level for V2X	14.1.0	14.2.0
2017-03	RAN#75	R5-171882	3429	1	Introduction of Adjacent Channel Selectivity (ACS) for V2X	14.1.0	14.2.0
2017-03	RAN#75	R5-171883	3430	1	Introduction of In-band blocking for V2X	14.1.0	14.2.0
2017-03	RAN#75	R5-171884	3431	1	Introduction of Out-of-band blocking for V2X	14.1.0	14.2.0
2017-03	RAN#75	R5-171885	3432	1	Introduction of Spurious response for V2X	14.1.0	14.2.0
2017-03	RAN#75	R5-171887	3288	1	Correction of payload in fixed reference channel for CDM-multiplexed DM RS with four CSI-RS antenna ports	14.1.0	14.2.0
2017-03	RAN#75	R5-171888	3350	1	Updates to legacy CSI test cases to include 4Rx UE	14.1.0	14.2.0
2017-03	RAN#75	R5-171889	3376	1	Correction to 3 or 4 layers 4Rx demodulation tests	14.1.0	14.2.0
2017-03	RAN#75	R5-171890	3403	1	Introduction of TDD 4Rx PDSCH demodulation test cases	14.1.0	14.2.0
2017-03	RAN#75	R5-171896	3303	1	Power Class 2: Update to A-MPR for NS_04	14.1.0	14.2.0
2017-03	RAN#75	R5-171897	3268	1	Updates of the SDR TC 8.7.5.2.2 and 8.7.5.2_H.2 for TDD FDD CA	14.1.0	14.2.0
2017-03	RAN#75	R5-171898	3425	1	Update of test configuration table of 4DL CA	14.1.0	14.2.0
2017-03	RAN#75	R5-171916	3236	1	TDD FDD CA Sustained data rate performance for TDD PCell (4DL CA)	14.1.0	14.2.0
2017-03	RAN#75	R5-171917	3424	1	Update of test configuration table of 3DL CA	14.1.0	14.2.0
2017-03	RAN#75	R5-171918	3281	1	Introduction to Performance test case 8.7.5.1.4 TDD FDD CA Sustained data rate performance for FDD PCell (5DL CA)	14.1.0	14.2.0
2017-03	RAN#75	R5-171919	3345	1	Introduction of LAA Closed-Loop spatial multiplexing performance test cases for 4Tx antenna ports	14.1.0	14.2.0
2017-03	RAN#75	R5-171921	3348	1	Test Tolerance updates to CQI reporting with enhanced receiver typeB test case	14.1.0	14.2.0
2017-03	RAN#75	R5-171922	3246	1	Update of NPDCCH single-antenna demodulation test	14.1.0	14.2.0
2017-03	RAN#75	R5-171923	3247	1	Update of NPDSCH demodulation test in standalone and Guard-band	14.1.0	14.2.0
2017-03	RAN#75	R5-171924	3339	1	Updates to In-band mode NPDSCH and NPDCCH Demodulation Performance tests for category NB1	14.1.0	14.2.0
2017-03	RAN#75	R5-171932	3381	1	Correction to PDSCH demodulation test cases for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171934	3299	1	Introduction of CA_11A-28A to section 7	14.1.0	14.2.0
2017-03	RAN#75	R5-171936	3283	1	Introduction of UE maximum output power for modulation / channel bandwidth for V2X Communication	14.1.0	14.2.0
2017-03	RAN#75	R5-171937	3231	1	Update TS 36.521-1 with Addition of LTE Band 48	14.1.0	14.2.0
2017-03	RAN#75	R5-171938	3399	1	Addition configuration IDs to test case 6.2.3A.1_1 for CA configuration 10+20 MHz	14.1.0	14.2.0
2017-03	RAN#75	R5-171940	3393	1	Correction to TDD FDD 2CA Soft buffer test cases	14.1.0	14.2.0
2017-03	RAN#75	R5-171941	3352	1	Add minimum testing time in Annex G for SCE performance requirements	14.1.0	14.2.0
2017-03	RAN#75	R5-171942	3349	1	Updates to legacy demod test cases to include 4Rx UE	14.1.0	14.2.0
2017-03	RAN#75	R5-171945	3440	-	Band 41 HPUE Maximum Output Power	14.1.0	14.2.0
2017-03	RAN#75	R5-171946	3441	-	Adjacent Channel Leakage power Ratio for HPUE	14.1.0	14.2.0
2017-03	RAN#75	R5-171949	3442	1	Update of RMCs for NB-IoT RF tests	14.1.0	14.2.0

2017-03	RAN#75	R5-171963	3275	2	Update to test case 6.3.5F.2 Power Control Relative power tolerance for UE category NB1	14.1.0	14.2.0
2017-03	RAN#75	R5-171967	3377	2	Correction to Aggregate power control tolerance for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171968	3417	2	Update of RMCs for UE category M1 in Annex A	14.1.0	14.2.0
2017-03	RAN#75	R5-171969	3420	2	Minimum requirements updates in section 8.11 test case for UE category M1	14.1.0	14.2.0
2017-03	RAN#75	R5-171997	3405	2	Introduction of LAA PDCCH/PCFICH demodulation test case with FDD Pcell	14.1.0	14.2.0
2017-06	RAN#76	R5-172116	3447		NB-IoT bands 11, 25, 31, and 70 introduction to receiver requirements	14.2.0	14.3.0
2017-06	RAN#76	R5-172142	3450		Uncertainties and Test Tolerances for new LAA Test Cases - CQI reporting / PUSCH 3-1	14.2.0	14.3.0
2017-06	RAN#76	R5-172196	3457		Correction to typos in UL-MIMO test cases 6.3.2B	14.2.0	14.3.0
2017-06	RAN#76	R5-172198	3458		Clarification to measurement of SEM in test procedure of TC 6.6.2.1A.2	14.2.0	14.3.0
2017-06	RAN#76	R5-172199	3459		Introduction of switched case for inter-band CA transmit modulation test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-172200	3460		Introduction of switched case for TC 6.5.2A.1.2_1	14.2.0	14.3.0
2017-06	RAN#76	R5-172201	3461		Update of test requirements in TC 7.3A.3 for missing CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-172203	3463		Update of TC 7.3_1 to align with minimum conformance requirements	14.2.0	14.3.0
2017-06	RAN#76	R5-172206	3464		Update of TC 6.6.2.2A.2 for CA_2A-5A and CA_2A-12A	14.2.0	14.3.0
2017-06	RAN#76	R5-172207	3465		Update of TC 6.6.3.3A.2 for CA_2A-5A and CA_2A-12A	14.2.0	14.3.0
2017-06	RAN#76	R5-172214	3467		Remove content of SDR test cases for 4Rx	14.2.0	14.3.0
2017-06	RAN#76	R5-172216	3468		Update of requirements in TC 6.2.2A.2 for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-172219	3471		Update of test requirements in TC 6.6.3.1A.2 for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-172221	3473		Update of initial conditions in TC 6.6.3.3A.2 for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-172224	3476		Update of test requirements in TC 7.3A.6 for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-172255	3477		Update of the TC about TDD FDD CA Sustained data rate performance	14.2.0	14.3.0
2017-06	RAN#76	R5-172260	3478		Update of the TC 7.3A.5 REFSENS for 3DL CA (CA_1A-19A-42A, 1A-21A-42A, 19A-21A-42A)	14.2.0	14.3.0
2017-06	RAN#76	R5-172307	3488		Update to the Dual Connectivity performance test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-172345	3494		Alignment of Fixed Reference Channel two antenna ports for UE category M1 to TS 36.101	14.2.0	14.3.0
2017-06	RAN#76	R5-172347	3495		Invalid csi-ReportMode-r10 in message exceptions of CSI reporting for 4Rx UE TC	14.2.0	14.3.0
2017-06	RAN#76	R5-172350	3498		Correction of UL RMC for 5+10+10 MHz test step in TC 8.7.1.1_A.2	14.2.0	14.3.0
2017-06	RAN#76	R5-172351	3499		Editorial correction of references to tables in clause UE category M1 TCs	14.2.0	14.3.0

2017-06	RAN#76	R5-172352	3500			Editorial correction of test case heading	14.2.0	14.3.0
2017-06	RAN#76	R5-172353	3501			Removal of duplicate Test step in TC 8.2.3.1.2.3	14.2.0	14.3.0
2017-06	RAN#76	R5-172359	3504			Update to chapter 8 & 9 PCC/SCC frequency mapping	14.2.0	14.3.0
2017-06	RAN#76	R5-172360	3505			Editorial update to Annex G for DL 256QAM	14.2.0	14.3.0
2017-06	RAN#76	R5-172362	3506			New eMTC test case 6.5.1EA_1, Frequency Error for UE category M1 (CE Mode B)	14.2.0	14.3.0
2017-06	RAN#76	R5-172374	3516			Align CA capability definitions for demodulation test cases in sub-clause 8.1.2.2 with TS 36.101 v14.3.0	14.2.0	14.3.0
2017-06	RAN#76	R5-172375	3517			Align CA delta RIB in sub-clause 7.3.3 with TS 36.101 v14.3.0	14.2.0	14.3.0
2017-06	RAN#76	R5-172376	3518			Align CA delta TIB in sub-clause 6.2.5.3 with TS 36.101 v14.3.0	14.2.0	14.3.0
2017-06	RAN#76	R5-172377	3519			Align CA minimum requirements for reference sensitivity in sub-clause 7.3A.0 with TS 36.101 v14.3.0	14.2.0	14.3.0
2017-06	RAN#76	R5-172392	3521			Updated to NB-IoT RF tests cases	14.2.0	14.3.0
2017-06	RAN#76	R5-172397	3524			Updated to Table of E-UTRA channel numbers for SDL Band 69	14.2.0	14.3.0
2017-06	RAN#76	R5-172422	3526			Resubmission to update Annex F for test case 7.5A.3 to add LAA band combinations	14.2.0	14.3.0
2017-06	RAN#76	R5-172431	3528			Correction of codebookSubsetRestriction in test case 9.9.1.3.2	14.2.0	14.3.0
2017-06	RAN#76	R5-172433	3529			Updates to FDD and half-duplex FDD demodulation of MPDCCH in CE Mode A and TDD demodulation of MPDCCH in CE Mode A	14.2.0	14.3.0
2017-06	RAN#76	R5-172463	3540			Addition of Annex F for TDD FDD CA PDSCH Open Loop Multiplexing 2x2 Performance Test cases (4 & 5DL CA)	14.2.0	14.3.0
2017-06	RAN#76	R5-172487	3544			Change of UE target power configuration for Carrier leakage and In-band emissions tests	14.2.0	14.3.0
2017-06	RAN#76	R5-172527	3551			Introduction of CA_8A-11A-28A to section 7	14.2.0	14.3.0
2017-06	RAN#76	R5-172602	3578			Addition of Annex G.3A.5 and G.3A.6 for 4DL CA test cases.	14.2.0	14.3.0
2017-06	RAN#76	R5-172603	3579			Removing of redundant editor's note for 4DL CA test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-172626	3585			Correction to message contents for 4DL CA Rx tests	14.2.0	14.3.0
2017-06	RAN#76	R5-172628	3587			Correction to message contents of 4DL CA 8.2.1.4.2_A.3	14.2.0	14.3.0
2017-06	RAN#76	R5-172634	3589			Introducing uncertainty of receiver spurious emission for band 46	14.2.0	14.3.0
2017-06	RAN#76	R5-172641	3594			Correction to Annex A.2 and A.3 for Cat-M1	14.2.0	14.3.0
2017-06	RAN#76	R5-172644	3597			Correction to Annex A.4 for Cat-M1	14.2.0	14.3.0
2017-06	RAN#76	R5-172650	3601			Correction to spurious emission band UE co-existence test	14.2.0	14.3.0
2017-06	RAN#76	R5-172651	3602			Editorial correction to 6.2.5	14.2.0	14.3.0
2017-06	RAN#76	R5-172652	3603			Correction to message contents of 3DL CA Rx tests	14.2.0	14.3.0
2017-06	RAN#76	R5-172656	3607			Correction to message contents for 2DL CA Rx tests	14.2.0	14.3.0
2017-06	RAN#76	R5-172658	3609			Correction to PMI test for TM9 with 8 TX and with 4TX enhanced codebook	14.2.0	14.3.0
2017-06	RAN#76	R5-172710	3610			Test tolerance and statistical test time addition to 4Rx demodulation test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-172715	3611			Addition of NS_27 for Band 48 in A-MPR test cases	14.2.0	14.3.0

2017-06	RAN#76	R5-172718	3614		Introduction of test case LAA PCFICH/PDCCH Transmit Diversity 2x2 with TDD as Pcell	14.2.0	14.3.0
2017-06	RAN#76	R5-172720	3616		Applicability correction for eDL-MIMO test cases in part 1	14.2.0	14.3.0
2017-06	RAN#76	R5-172724	3617		Correction to test case references in tables for applicability and test rules in clause 8.1.2.3	14.2.0	14.3.0
2017-06	RAN#76	R5-172814	3625		Update of minimum conformance requirement in 7.4A.0	14.2.0	14.3.0
2017-06	RAN#76	R5-172824	3628		Introduction of 8.2.3.2.1.3 TDD FDD CA PDSCH Open Loop Multi Layer Spatial Multiplexing 2x2 for FDD Pcell (4DL CA)	14.2.0	14.3.0
2017-06	RAN#76	R5-172825	3629		Introduction of 8.2.3.2.1.4 TDD FDD CA PDSCH Open Loop Multi Layer Spatial Multiplexing 2x2 for FDD Pcell (5DL CA)	14.2.0	14.3.0
2017-06	RAN#76	R5-173052	3621	1	Updates to legacy CA CQI reporting test cases to include 4Rx UE	14.2.0	14.3.0
2017-06	RAN#76	R5-173053	3622	1	Updates to legacy single carrier CQI reporting test cases to include 4Rx UE	14.2.0	14.3.0
2017-06	RAN#76	R5-173054	3623	1	Updates to legacy PMI and RI test cases to include 4Rx UE	14.2.0	14.3.0
2017-06	RAN#76	R5-173063	3595	1	Correction to CSI tests for Cat-M1	14.2.0	14.3.0
2017-06	RAN#76	R5-173064	3596	1	Correction to MPDCCH aggregation level for Cat-M1	14.2.0	14.3.0
2017-06	RAN#76	R5-173065	3598	2	Correction to Cat-M1 demodulation test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-173070	3550	2	Introduction of CA_1A-11A-28A to section 7	14.2.0	14.3.0
2017-06	RAN#76	R5-173071	3557	2	Update of 2DL/1UL of CA_3A-3A and CA_7A-7A to section 7.3A.3	14.2.0	14.3.0
2017-06	RAN#76	R5-173072	3558	2	Introduction of 3DL/1UL of CA_3A-3A-7A and CA_3A-7A-7A to section 7.3A.5	14.2.0	14.3.0
2017-06	RAN#76	R5-173073	3559	2	Introduction of 4DL/1UL of CA_3A-3A-7A-7A to section 7.3A.9	14.2.0	14.3.0
2017-06	RAN#76	R5-173200	3523	1	Updated Test Applicability for TC 6.2.3E	14.2.0	14.3.0
2017-06	RAN#76	R5-173201	3456	1	Correction to typos in Rx test cases for CA	14.2.0	14.3.0
2017-06	RAN#76	R5-173202	3522	1	Updated table references related to reference sensitivity in test description and test requirements	14.2.0	14.3.0
2017-06	RAN#76	R5-173203	3604	1	Correction to UL configuration for REFSENS test for CA_41C and CA_7C	14.2.0	14.3.0
2017-06	RAN#76	R5-173204	3605	1	Clean up on test configuration tables for intra-contiguous 2CA Rx tests	14.2.0	14.3.0
2017-06	RAN#76	R5-173205	3493	1	Update of NAICS demodulation TCs	14.2.0	14.3.0
2017-06	RAN#76	R5-173206	3608	1	Correction to Annex B.2.2	14.2.0	14.3.0
2017-06	RAN#76	R5-173209	3443	1	Update of test points and test requirements in TC 7.3A.5 for CA_4A-12A-30A	14.2.0	14.3.0
2017-06	RAN#76	R5-173210	3451	1	New CA band combinations CA_1A-41A-42C and 1A-41C-42A - Updates of 7.3A.9 REFSENS	14.2.0	14.3.0
2017-06	RAN#76	R5-173212	3452	1	New CA band combinations CA_3C-8A - Updates of 7.3A.5 REFSENS	14.2.0	14.3.0
2017-06	RAN#76	R5-173215	3472	1	Update of TC 6.6.3.2A.2 for Rel-14 CA configuration CA_2A-7A	14.2.0	14.3.0
2017-06	RAN#76	R5-173216	3520	1	Align operating bands and Channel bandwidths in sub-clause 5.2, 5.2A, 5.4.2.1 and 5.4.2A with TS36.101 v14.3.0	14.2.0	14.3.0
2017-06	RAN#76	R5-173217	3527	1	Addition of CA_13A-66A in TS 36.521-1	14.2.0	14.3.0

2017-06	RAN#76	R5-173220	3552	1	Corrections on 3A-28A-41A in Test Configuration Table of section 7.3A.5.4.1	14.2.0	14.3.0
2017-06	RAN#76	R5-173221	3554	1	Introduction of 2UL/2DL CA_41A-42A to section 7	14.2.0	14.3.0
2017-06	RAN#76	R5-173223	3600	1	Addition of CA configuration CA_66A-66C, CA_xA-66A-66A and CA_66A-66A-xA for Refsens test	14.2.0	14.3.0
2017-06	RAN#76	R5-173228	3624	1	Test Tolerances and general updates to NB-IoT performance test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-173276	3448	1	Addition of new LAA Test Case - CQI reporting / PUSCH 3-1 / FDD Pcell	14.2.0	14.3.0
2017-06	RAN#76	R5-173277	3449	1	Addition of new LAA Test Case - CQI reporting / PUSCH 3-1 / TDD Pcell	14.2.0	14.3.0
2017-06	RAN#76	R5-173278	3525	1	Introduction of LAA Dual-Layer Spatial Multiplexing with DM-RS with TDD as Pcell Test Case	14.2.0	14.3.0
2017-06	RAN#76	R5-173279	3542	1	Update test case 7.6.2A.3 to add LAA band combinations	14.2.0	14.3.0
2017-06	RAN#76	R5-173280	3543	1	Update test case 7.7A.3 to add LAA band combinations	14.2.0	14.3.0
2017-06	RAN#76	R5-173281	3626	1	LAA: Addition of CQI Reporting with FDD as PCELL	14.2.0	14.3.0
2017-06	RAN#76	R5-173288	3453	1	Introduction to New Rx test case 7.6.3A.8 Narrow band blocking for 5DL CA	14.2.0	14.3.0
2017-06	RAN#76	R5-173289	3454	1	Introduction to New Rx test case 7.7A.8 Spurious response for 5DL CA	14.2.0	14.3.0
2017-06	RAN#76	R5-173290	3455	1	Introduction to New Rx test case 7.8.1A.8 Wideband intermodulation for 5DL CA	14.2.0	14.3.0
2017-06	RAN#76	R5-173291	3466	1	Update of test requirements in TC 7.3A.6 for new Rel-13 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-173295	3535	1	Introduction of 8.2.3.2.2.3 TDD FDD CA PDSCH Open Loop Spatial Multiplexing 2x2 for TDD PCell (4DL CA)	14.2.0	14.3.0
2017-06	RAN#76	R5-173296	3536	1	Introduction of 8.2.3.2.2.4 TDD FDD CA PDSCH Open Loop Spatial Multiplexing 2x2 for TDD PCell (5DL CA)	14.2.0	14.3.0
2017-06	RAN#76	R5-173298	3560	1	Correction of 3DL CA & 4DL CA RX TC	14.2.0	14.3.0
2017-06	RAN#76	R5-173299	3561	1	Introduction of New TC7.3A.10 Reference sensitivity level for 5DL CA	14.2.0	14.3.0
2017-06	RAN#76	R5-173301	3562	1	Addition of CA_8A-41C in test configuration in TC 7.3A.5	14.2.0	14.3.0
2017-06	RAN#76	R5-173302	3539	1	Addition of G.3A for TDD FDD CA PDSCH Single Antenna and Open Loop Spatial Multiplexing 2x2 Performance Test cases (4 & 5DL CA)	14.2.0	14.3.0
2017-06	RAN#76	R5-173303	3555	1	Update of 2DL/1UL of CA_3A-42A, CA_28A-42A, CA_41A-42A and CA_42A-46A to section 7.3A.3	14.2.0	14.3.0
2017-06	RAN#76	R5-173305	3556	1	Introduction of 3DL/1UL of CA_2A-4A-7A and CA_3A-41A-42A to section 7.3A.5	14.2.0	14.3.0
2017-06	RAN#76	R5-173306	3618	1	Addition of test case TDD FDD CQI Reporting under AWGN conditions – PUCCH 1-0 for FDD PCell (5DL CA) (9.6.1.3.4)	14.2.0	14.3.0
2017-06	RAN#76	R5-173307	3619	1	Addition of test case TDD FDD CQI Reporting under AWGN conditions – PUCCH 1-0 for TDD PCell (5DL CA) (9.6.1.4.4)	14.2.0	14.3.0
2017-06	RAN#76	R5-173316	3510	1	Updates to eMTC test case 8.11.1.1.3, FDD and half-duplex FDD PDSCH Transmit Diversity 2x1 for UE category M1	14.2.0	14.3.0
2017-06	RAN#76	R5-173317	3514	1	Updates to eMTC test case 8.11.1.2.3, TDD PDSCH Transmit Diversity for UE category M1	14.2.0	14.3.0

2017-06	RAN#76	R5-173318	3515	1	Updates to eMTC test case 9.8.1.1, FDD and Half duplex FDD CQI reporting definition under AWGN conditions for UE category M1	14.2.0	14.3.0
2017-06	RAN#76	R5-173329	3496	1	Sending of MaxLayersMimo-r10 IE for 4Rx TCs with more than 2 Layers	14.2.0	14.3.0
2017-06	RAN#76	R5-173330	3530	1	Updates to legacy FDD PDSCH demod test cases to include 4Rx UE	14.2.0	14.3.0
2017-06	RAN#76	R5-173331	3531	1	Updates to legacy TDD PDSCH demod test cases to include 4Rx UE	14.2.0	14.3.0
2017-06	RAN#76	R5-173332	3532	1	Updates to legacy TDD FDD CA PDSCH demod test cases to include 4Rx UE	14.2.0	14.3.0
2017-06	RAN#76	R5-173333	3533	1	Updates to legacy sustained data rate test cases to include 4Rx UE	14.2.0	14.3.0
2017-06	RAN#76	R5-173339	3612	1	Addition of NS_27 for Band 48 in A-SEM test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-173340	3613	1	Addition of NS_27 for Band 48 in A-Spurious test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-173341	3444	1	Correction to Band 70 test frequencies to clarify the use of two duplex spacings	14.2.0	14.3.0
2017-06	RAN#76	R5-173342	3508	1	Updates to eMTC test case 8.11.1.1.1, FDD and half-duplex FDD Closed-loop spatial multiplexing performance for UE category M1	14.2.0	14.3.0
2017-06	RAN#76	R5-173343	3509	1	Updates to eMTC test case 8.11.1.1.2, FDD and half-duplex FDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 for UE category M1	14.2.0	14.3.0
2017-06	RAN#76	R5-173344	3512	1	Updates to eMTC test case 8.11.1.2.1, TDD Closed-loop spatial multiplexing performance for UE category M1 (Cell-Specific Reference Symbols)	14.2.0	14.3.0
2017-06	RAN#76	R5-173345	3513	1	Updates to eMTC test case 8.11.1.2.2, TDD PDSCH Single-layer Spatial Multiplexing on antenna ports 7 or 8 for UE category M1	14.2.0	14.3.0
2017-06	RAN#76	R5-173346	3497	1	eHST RF: Practical and consistent model definition for HST-SFN scenario	14.2.0	14.3.0
2017-06	RAN#76	R5-173347	3549	1	Introduction of reference channels for enhanced high speed train test	14.2.0	14.3.0
2017-06	RAN#76	R5-173348	3481	1	Update of the TC 6.6.3F.2 Spurious emission band UE co-existence for category NB1 for Release 14	14.2.0	14.3.0
2017-06	RAN#76	R5-173349	3581	1	NB-IoT band 70 introduction to transmitter requirements	14.2.0	14.3.0
2017-06	RAN#76	R5-173351	3446	1	CA_46A-46A-66A, CA_46C-66A Receiver requirements	14.2.0	14.3.0
2017-06	RAN#76	R5-173354	3482	1	Update to operating bands for V2X Communication	14.2.0	14.3.0
2017-06	RAN#76	R5-173355	3483	1	Introduction of 6.2.2G UE Maximum Output Power for V2X Communication	14.2.0	14.3.0
2017-06	RAN#76	R5-173356	3484	1	Update to 6.2.3G.1 Maximum Power Reduction (MPR) for V2X Communication / Power class 3 / Contiguous allocation of PSCCH and PSSCH	14.2.0	14.3.0
2017-06	RAN#76	R5-173357	3485	1	Update to 6.2.4G.1 Additional Maximum Power Reduction (A-MPR) for V2X Communication / Non-concurrent with E-UTRA uplink transmission	14.2.0	14.3.0
2017-06	RAN#76	R5-173358	3486	1	Update to TC 6.2.5G.1 Configured UE transmitted Output Power for V2X Communication / Non-concurrent with E-UTRA uplink transmission	14.2.0	14.3.0

2017-06	RAN#76	R5-173359	3489	1	Introduction of 6.2.2G.2 UE Maximum Output Power for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmission	14.2.0	14.3.0
2017-06	RAN#76	R5-173360	3490	1	Introduction of 6.2.5G.2 Configured UE transmitted Output Power for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmission	14.2.0	14.3.0
2017-06	RAN#76	R5-173361	3492	1	Introduction of 6.2.3G.1.3 Maximum Power Reduction (MPR) for V2X Communication / Power class 3 / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmission	14.2.0	14.3.0
2017-06	RAN#76	R5-173370	3566	1	Update of 7.3G.1 Reference sensitivity level for V2X Communication / Non-concurrent with E-UTRA uplink transmissions	14.2.0	14.3.0
2017-06	RAN#76	R5-173372	3568	1	Introduction of 7.3G.3 Reference sensitivity level for V2X Communication / Intra-band contiguous MCC operation	14.2.0	14.3.0
2017-06	RAN#76	R5-173373	3569	1	Update of 7.4G.1 Maximum input level for V2X Communication / Non-concurrent with E-UTRA uplink transmissions	14.2.0	14.3.0
2017-06	RAN#76	R5-173374	3570	1	Introduction of 7.4G.2 Maximum input level for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.2.0	14.3.0
2017-06	RAN#76	R5-173375	3571	1	Introduction of 7.4G.3 Maximum input level for V2X Communication / Intra-band contiguous MCC operation	14.2.0	14.3.0
2017-06	RAN#76	R5-173376	3572	1	Update of 7.5G.1 Adjacent channel selectivity (ACS) for V2X Communication / Non-concurrent	14.2.0	14.3.0
2017-06	RAN#76	R5-173377	3573	1	Introduction of 7.5G.2 Adjacent channel selectivity (ACS) for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.2.0	14.3.0
2017-06	RAN#76	R5-173378	3574	1	Introduction of 7.5G.3 Adjacent channel selectivity (ACS) for V2X Communication / Intra-band contiguous MCC operation	14.2.0	14.3.0
2017-06	RAN#76	R5-173379	3575	1	Update of 7.6.1G.1 In-band blocking for V2X Communication / Non-concurrent with E-UTRA uplink transmissions	14.2.0	14.3.0
2017-06	RAN#76	R5-173380	3576	1	Introduction of 7.6.1G.2 In-band blocking for V2X Communication / Non-concurrent with E-UTRA uplink transmissions	14.2.0	14.3.0
2017-06	RAN#76	R5-173381	3577	1	Introduction of 7.6.1G.3 In-band blocking for V2X Communication / Intra-band contiguous MCC operation	14.2.0	14.3.0
2017-06	RAN#76	R5-173382	3582	1	Introduction of TC 7.8.1G Wide band Intermodulation for V2X	14.2.0	14.3.0
2017-06	RAN#76	R5-173383	3583	1	Introduction of TC7.9G Spurious emissions for V2X	14.2.0	14.3.0
2017-06	RAN#76	R5-173384	3487	1	Correction to the A-SE requirement for Band 41	14.2.0	14.3.0
2017-06	RAN#76	R5-173385	3469	1	Update of TC 6.2.4A.2 for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-173386	3470	1	Update of TC 6.2.4A.2_1 for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-173387	3474	1	Update of TC 6.6.2.2A.2 for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-173388	3475	1	Update of TC 6.6.2.2A.2_1 for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-173390	3553	1	Introduction of 2UL/2DL CA_41A-42A to section 6	14.2.0	14.3.0
2017-06	RAN#76	R5-173395	3564	1	Addition of CA bands in test configuration in TC 7.3A.5	14.2.0	14.3.0
2017-06	RAN#76	R5-173396	3565	1	Addition of CA bands in test configuration in TC 7.3A.9	14.2.0	14.3.0
2017-06	RAN#76	R5-173397	3580	1	Introduction of 3DL/1UL of CA_3A-20A-32A to section 7	14.2.0	14.3.0
2017-06	RAN#76	R5-173399	3563	1	Addition of CA_12A-66A in test configuration in 7.3A.3	14.2.0	14.3.0
2017-06	RAN#76	R5-173400	3545	1	Change of UE target power configuration for EVM test	14.2.0	14.3.0

2017-06	RAN#76	R5-173401	3479	1	Update of the TC 7.3A.9 REFSENS for 4DL CA (CA_1A-3A-19A-42A, 1A-19A-21A-42A, 1A-19A-42C, 1A-21A-42C, 19A-21A-42C)	14.2.0	14.3.0
2017-06	RAN#76	R5-173402	3534	1	Correction to Test configuration Tables in subclause 7.3A for 3DL CA and 4DL CA	14.2.0	14.3.0
2017-06	RAN#76	R5-173403	3584	1	Correction to 4DL CA out of band blocking interferer	14.2.0	14.3.0
2017-06	RAN#76	R5-173404	3620	1	Correction of CA configuration CA_28A-40C Refsens test	14.2.0	14.3.0
2017-06	RAN#76	R5-173409	3591	1	Clean up on Cat-M1 Rx test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-173410	3592	1	Clean up on Cat-M1 Tx test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-173411	3593	1	Correction to spurious emission band UE co-existence for UE category M1	14.2.0	14.3.0
2017-06	RAN#76	R5-173417	3462	1	Update of legacy Reference Sensitivity CA tests for 4Rx	14.2.0	14.3.0
2017-06	RAN#76	R5-173421	3507	1	Updates to Annex A and Annex G for eMTC test cases	14.2.0	14.3.0
2017-06	RAN#76	R5-173422	3511	1	Updates to eMTC test case 8.11.1.1.3_1, FDD PDS and half-duplex FDD CH Transmit Diversity 2x1 for UE category M1 (CEmodeB)	14.2.0	14.3.0
2017-06	RAN#76	R5-173423	3546	1	Clean up NPDCCH single-antenna performance test	14.2.0	14.3.0
2017-06	RAN#76	R5-173424	3547	1	Clean up NPDSCH demodulation test in standalone and Guard-band mode	14.2.0	14.3.0
2017-06	RAN#76	R5-173427	3606	1	Correction to 3DL CA out of band blocking interferer	14.2.0	14.3.0
2017-06	RAN#76	R5-173428	3590	1	Correction to transmit signal quality tests for category M1	14.2.0	14.3.0
2017-06	RAN#76	R5-173431	3502	1	Updates to A-MPR, A-SEM and A-Spur TCs	14.2.0	14.3.0
2017-06	RAN#76	R5-173436	3567	2	Introduction of 7.3G.2 Reference sensitivity level for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.2.0	14.3.0
2017-09	RAN#77	R5-173529	3630	-	Correction of Test Settings for CA_4A-12A-30A in TC 7.3A.5	14.3.0	14.4.0
2017-09	RAN#77	R5-173617	3637	-	Addition of CA_2A-5A-66A in TS 36.521-1	14.3.0	14.4.0
2017-09	RAN#77	R5-173619	3639	-	Addition of CA_2A-13A-66A in TS 36.521-1	14.3.0	14.4.0
2017-09	RAN#77	R5-173694	3645	-	Addition of CA_XA-YC-ZA to 7.4A.7	14.3.0	14.4.0
2017-09	RAN#77	R5-173695	3646	-	Addition of CA_XA-YC-ZA to 7.5A.7	14.3.0	14.4.0
2017-09	RAN#77	R5-173696	3647	-	Addition of CA_XA-YC-ZA to 7.6.1A.7	14.3.0	14.4.0
2017-09	RAN#77	R5-173697	3648	-	Addition of CA_XA-YC-ZA to 7.6.2A.7	14.3.0	14.4.0
2017-09	RAN#77	R5-173698	3649	-	Addition of CA_XA-YC-ZA to 7.6.3A.7	14.3.0	14.4.0
2017-09	RAN#77	R5-173699	3650	-	Addition of CA_XA-YC-ZA to 7.8.1A.7	14.3.0	14.4.0
2017-09	RAN#77	R5-173784	3652	-	Editorial correction to 4Rx Applicability for CSI	14.3.0	14.4.0
2017-09	RAN#77	R5-173785	3653	-	Addition of FS3 OCNG pattern to Rx tests	14.3.0	14.4.0
2017-09	RAN#77	R5-173787	3655	-	Clarification on UL RMC for category NB1	14.3.0	14.4.0
2017-09	RAN#77	R5-173797	3658	-	Addition of measurement period for 9.8.2.1 in Annex G.5.4	14.3.0	14.4.0
2017-09	RAN#77	R5-173798	3659	-	Removing editor's note regarding UE's declaration on carrier center frequency for Cat M1	14.3.0	14.4.0
2017-09	RAN#77	R5-173912	3667	-	Editorial: Addition of band 40 for eMTC	14.3.0	14.4.0
2017-09	RAN#77	R5-173942	3674	-	Editorial: Addition of V2V reference resource pooll configurations	14.3.0	14.4.0

2017-09	RAN#77	R5-173949	3676	-	Addition of new Rel-13 CA RF test case 7.4A.8	14.3.0	14.4.0
2017-09	RAN#77	R5-173962	3678	-	Update to test requirements in TC 6.7	14.3.0	14.4.0
2017-09	RAN#77	R5-173963	3679	-	Updates to test requirements for CA tests with interferers	14.3.0	14.4.0
2017-09	RAN#77	R5-173984	3683	-	Correction of test procedure and test requirement in TC 6.6.3.2A.2 (editorial change)	14.3.0	14.4.0
2017-09	RAN#77	R5-173993	3686	-	eMTC correction of missing references for UL RMCs	14.3.0	14.4.0
2017-09	RAN#77	R5-173994	3687	-	Correction of test requirement in TC 7.3_1 (editorial change)	14.3.0	14.4.0
2017-09	RAN#77	R5-173999	3690	-	New eMTC test case, 6.3.5EA.3_1 Aggregate power control tolerance for UE category M1 (CE Mode B)	14.3.0	14.4.0
2017-09	RAN#77	R5-174006	3694	-	Addition of new 4Rx SDR test cases - Annex F	14.3.0	14.4.0
2017-09	RAN#77	R5-174007	3695	-	Update Annex A with RMCs for 4Rx and 5MHz (editorial change)	14.3.0	14.4.0
2017-09	RAN#77	R5-174024	3700	-	Addition of new CA Configuration CA_3A-38A to TS 36.521-1	14.3.0	14.4.0
2017-09	RAN#77	R5-174026	3701	-	Editorial Change of TC 8.10.1.1.3 – Alignment to TS 36.101	14.3.0	14.4.0
2017-09	RAN#77	R5-174027	3702	-	Correction of RB allocation in TC 6.5.2.3EA	14.3.0	14.4.0
2017-09	RAN#77	R5-174029	3704	-	Editorial Change of RBstart expression in category M1 TC	14.3.0	14.4.0
2017-09	RAN#77	R5-174031	3706	-	Editorial Change of heading format for TC 6.3.3F	14.3.0	14.4.0
2017-09	RAN#77	R5-174090	3713	-	Editorial change of CA configuration for CA_41C-42A and CA_41C-42C	14.3.0	14.4.0
2017-09	RAN#77	R5-174092	3714	-	New CA band combination CA_41A-42C(2UL) and CA_41C_42A(2UL) - Updates of 7.3A.5 REFSENS	14.3.0	14.4.0
2017-09	RAN#77	R5-174096	3716	-	Correction of test frequency in 6.2.4EA for NS_17	14.3.0	14.4.0
2017-09	RAN#77	R5-174097	3717	-	Correction of test frequency in 6.6.3EA.3 for NS_17	14.3.0	14.4.0
2017-09	RAN#77	R5-174135	3724	-	Editorial Change to align LAA capability definitions for demodulation test cases in sub-clause 8.1.2 with TS 36.101 v14.4.0	14.3.0	14.4.0
2017-09	RAN#77	R5-174136	3725	-	Added CA band combination to test requirement	14.3.0	14.4.0
2017-09	RAN#77	R5-174152	3729	-	Addition of 1.4 and 3 MHz to Ch 5 in 36.521-1 for Band 65	14.3.0	14.4.0
2017-09	RAN#77	R5-174153	3730	-	Addition of 1.4 and 3 MHz to Ch 7 in 36.521-1 for Band 65	14.3.0	14.4.0
2017-09	RAN#77	R5-174155	3731	-	Receiver requirements for CA_29A-70A, CA_29A-46A-66A, CA_46A-66A-66A, CA_46A-66C, CA_46A-70A	14.3.0	14.4.0
2017-09	RAN#77	R5-174178	3732	-	Editorial Change of tables for channel bandwidths per operating band for CA	14.3.0	14.4.0
2017-09	RAN#77	R5-174244	3738	-	Introduction of the new TC7.5A.8 ACS for 5DL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-174245	3739	-	Introduction of the new TC7.6.1A.8 In-band blocking for 5DL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-174246	3740	-	Introduction of the new TC7.6.2A.8 Out-of-band blocking for 5DL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-174256	3743	-	FDD Enhanced Downlink Control Channel Performance Type A for PCFICH/PDCCH, 2 Tx Antenna Port under Asynchronous Network	14.3.0	14.4.0
2017-09	RAN#77	R5-174257	3744	-	FDD Enhanced Downlink Control Channel Performance Type A for PCFICH/PDCCH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.3.0	14.4.0
2017-09	RAN#77	R5-174258	3745	-	Test procedure correction for CQI-RI test cases	14.3.0	14.4.0

2017-09	RAN#77	R5-174261	3748	-	TDD Enhanced Downlink Control Channel Performance Type A for PCFICH/PDCCH, 2 Tx Antenna Port with Colliding CRS Dominant Interferer	14.3.0	14.4.0
2017-09	RAN#77	R5-174262	3749	-	TDD Enhanced Downlink Control Channel Performance Type A for PCFICH/PDCCH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.3.0	14.4.0
2017-09	RAN#77	R5-174264	3751	-	Addition of test points in test configuration table for RX sensitivity TCs	14.3.0	14.4.0
2017-09	RAN#77	R5-174270	3755	-	TDD Enhanced Downlink Control Channel Performance Type B for PCFICH/PDCCH, 2 Tx Antenna Port with Colliding CRS Dominant Interferer	14.3.0	14.4.0
2017-09	RAN#77	R5-174271	3756	-	TDD Enhanced Downlink Control Channel Performance Type B for PCFICH/PDCCH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.3.0	14.4.0
2017-09	RAN#77	R5-174342	3769	-	Introduction of new Dual Connectivity test cases - General ON/OFF time mask for Dual Connectivity	14.3.0	14.4.0
2017-09	RAN#77	R5-174346	3772	-	Updates to FDD and TDD Dual-Layer Spatial Multiplexing 2x4 (User-Specific Reference Symbols)	14.3.0	14.4.0
2017-09	RAN#77	R5-174356	3774	-	Editorial correction to Cat M1 MPDCCH test case	14.3.0	14.4.0
2017-09	RAN#77	R5-174357	3775	-	Editorial change to include note 2 reference for Band 22 tolerance in 6.2.2 UE Maximum Output Power	14.3.0	14.4.0
2017-09	RAN#77	R5-174429	3785	-	Editorial change to modify wrong references in category NB1 test cases	14.3.0	14.4.0
2017-09	RAN#77	R5-174440	3789	-	Addtion of test tolerance statement for TDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 (4&5 DL CA) in Annex F	14.3.0	14.4.0
2017-09	RAN#77	R5-174680	3697	1	Editorial Change - Correction of band sets for CA_7A-46C and CA_7A-46D	14.3.0	14.4.0
2017-09	RAN#77	R5-175001	3681	1	Addition of test requirement in TC 7.3A.5 for CA_2A-7A-12A	14.3.0	14.4.0
2017-09	RAN#77	R5-175002	3720	1	Update to Rx test case 7.6.3A.8 Narrow band blocking for 5DL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-175003	3721	1	Update to Rx test case 7.7A.8 Spurious response for 5DL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-175004	3722	1	Update to Rx test case 7.8.1A.8 Wideband intermodulation for 5DL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-175005	3726	1	Editorial Change to align CA capability definitions for demodulation test cases in sub-clause 8.1.2.3 with TS 36.101 v14.4.0	14.3.0	14.4.0
2017-09	RAN#77	R5-175006	3741	1	Addition of the CA_1A-3A, 1A-19A, 1A-21A, 3A-19A, 19A-21A for 2UL 64QAM TCs	14.3.0	14.4.0
2017-09	RAN#77	R5-175007	3765	1	Updated RF general section 4.1 to align with core specification	14.3.0	14.4.0
2017-09	RAN#77	R5-175008	3777	1	Add New TC of 6.2.2A.4.1 of UE Maximum Output Power for intra-band contiguous 3 UL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-175009	3778	1	Add New TC of 6.2.2A.4.2 for UE Maximum Output Power for inter-band 3 UL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-175010	3779	1	Add New TC of 6.5.1A.4.1 for Frequency error for intra-band contiguous 3 UL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-175011	3780	1	Add New TC of 6.5.1A.4.2 of Frequency error for inter- band 3 UL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-175012	3790	1	Addtion of minimum test time statement for TDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 (4&5 DL CA) in Annex G	14.3.0	14.4.0

2017-09	RAN#77	R5-175025	3715	1	New CA band combination CA_1A-41C-42C - Updates of 7.3A.10 REFSENS	14.3.0	14.4.0
2017-09	RAN#77	R5-175026	3698	1	Addition of a few Band 46 CA Configurations to TS 36.521-1	14.3.0	14.4.0
2017-09	RAN#77	R5-175027	3712	1	Addition of Rel-14 CA minimun and test requirements for Spurious emission band UE co-existence for CA	14.3.0	14.4.0
2017-09	RAN#77	R5-175052	3666	1	Editorial Change to TC7.3 minimum conformance requirements of 4Rx to same text in core spec	14.3.0	14.4.0
2017-09	RAN#77	R5-175055	3767	1	Introduction of A-SEM test case with PUSCH frequency hopping	14.3.0	14.4.0
2017-09	RAN#77	R5-175056	3781	1	Correction to test applicability of test cases 8.2.1.3.1 and 8.2.1.3.1_1	14.3.0	14.4.0
2017-09	RAN#77	R5-175057	3685	1	Correction of initial conditions in TC 6.6.2.2A.2_1 (editorial change)	14.3.0	14.4.0
2017-09	RAN#77	R5-175058	3782	1	Editorial Change - Reordering of Tables according to NS value	14.3.0	14.4.0
2017-09	RAN#77	R5-175059	3708	1	Editorial Change – Cleanup of Test Configuration Tables of TC 7.3A.5	14.3.0	14.4.0
2017-09	RAN#77	R5-175060	3661	1	Correction to TDD PMI Reporting Multiple PMI for eDL-MIMO test case 9.4.2.3.2_D	14.3.0	14.4.0
2017-09	RAN#77	R5-175065	3657	1	Correction to UE-selected subband CQI test for Cat M1	14.3.0	14.4.0
2017-09	RAN#77	R5-175066	3696	1	Correction of minimum test time for ETU1 in annex G	14.3.0	14.4.0
2017-09	RAN#77	R5-175067	3705	1	Editorial Change – Correction of minimum test time for TC 8.11.1.1.3	14.3.0	14.4.0
2017-09	RAN#77	R5-175068	3773	1	Completion of eMTC A-MPR test cases for NS_07	14.3.0	14.4.0
2017-09	RAN#77	R5-175075	3692	1	Addition of new 4Rx SDR test case - FDD 2DL	14.3.0	14.4.0
2017-09	RAN#77	R5-175076	3693	1	Addition of new 4Rx SDR test case - FDD 3DL	14.3.0	14.4.0
2017-09	RAN#77	R5-175077	3746	1	FDD Enhanced Downlink Control Channel Performance Type B for PCFICH/PDCCH, 2 Tx Antenna Port with Colliding CRS Dominant Interferer	14.3.0	14.4.0
2017-09	RAN#77	R5-175078	3747	1	FDD Enhanced Downlink Control Channel Performance Type B for PCFICH/PDCCH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.3.0	14.4.0
2017-09	RAN#77	R5-175079	3768	1	Introduction of new Dual Connectivity test cases - Power Control Relative power tolerance	14.3.0	14.4.0
2017-09	RAN#77	R5-175085	3631	1	Introduction of In-band emissions for non-allocated RB for V2X Communication / Non-concurrent with E-UTRA uplink transmissions in 6.5.2.3G.1	14.3.0	14.4.0
2017-09	RAN#77	R5-175086	3633	1	Update of TC7.6.2G Out-of-band blocking for V2X Communication	14.3.0	14.4.0
2017-09	RAN#77	R5-175087	3634	1	Update of TC 7.8.1G.1 Wide band Intermodulation for V2X	14.3.0	14.4.0
2017-09	RAN#77	R5-175088	3635	1	Update of TC7.9G Spurious emissions for V2X	14.3.0	14.4.0
2017-09	RAN#77	R5-175089	3642	1	Introduction of Spurious emission for V2X Communication / Non-concurrent with E-UTRA uplink transmissions in 6.6.3G.1	14.3.0	14.4.0
2017-09	RAN#77	R5-175090	3675	1	Addition of V2V new test case 6.5.1G.1	14.3.0	14.4.0
2017-09	RAN#77	R5-175091	3718	1	Adding new TC 6.6.1G.1 Occupied bandwidth for V2X Communication/ Non-concurrent with E-UTRA uplink transmissions	14.3.0	14.4.0
2017-09	RAN#77	R5-175092	3723	1	GNSS Reference signal for V2V	14.3.0	14.4.0

2017-09	RAN#77	R5-175093	3733	1	Introduction of Spurious emission band UE co-existence for V2X Communication / Non-concurrent with E-UTRA uplink transmissions in 6.6.3G.1_1	14.3.0	14.4.0
2017-09	RAN#77	R5-175094	3764	1	Introduction of Additional Spectrum Emission Mask for V2X Communication / Non-concurrent with E-UTRA uplink transmissions in 6.6.2.2G.1	14.3.0	14.4.0
2017-09	RAN#77	R5-175095	3784	1	Editorial: Addition of V2V RMC for performance requirements	14.3.0	14.4.0
2017-09	RAN#77	R5-175096	3787	1	New test cases: Demodulation performance Requirements for V2X Sidelink communications	14.3.0	14.4.0
2017-09	RAN#77	R5-175102	3643	1	Introduction of Spurious emission for V2X Communication / Intra-band contiguous MCC operation in 6.6.3G.3	14.3.0	14.4.0
2017-09	RAN#77	R5-175103	3752	1	Editorial change for V2X reference sensitivity TC	14.3.0	14.4.0
2017-09	RAN#77	R5-175104	3753	1	Update & editorial change for V2V RX Test Cases	14.3.0	14.4.0
2017-09	RAN#77	R5-175105	3757	1	Introduction ofSpurious emission band UE co-existence for V2X Communication / Intra-band contiguous MCC operation in 6.6.3G.3_1	14.3.0	14.4.0
2017-09	RAN#77	R5-175106	3766	1	Update RF general section 3 for V2X information	14.3.0	14.4.0
2017-09	RAN#77	R5-175107	3791	1	Introduction of Spectrum Emission Mask for V2X Communication / Intra-band contiguous MCC operation in 6.6.2.1G.3	14.3.0	14.4.0
2017-09	RAN#77	R5-175111	3786	1	Editorial change to align 7.8.1F minimun and test requirements with core spec	14.3.0	14.4.0
2017-09	RAN#77	R5-175113	3750	1	Addition of test requirement & test points in test configuration table for 3A-69A	14.3.0	14.4.0
2017-09	RAN#77	R5-175114	3776	1	Addition of Band 69 in Receiver test cases	14.3.0	14.4.0
2017-09	RAN#77	R5-175115	3788	1	Addition of Cat1bis demod test cases	14.3.0	14.4.0
2017-09	RAN#77	R5-175122	3669	1	New TC: FDD PDSCH performance in HST-SFN scenario	14.3.0	14.4.0
2017-09	RAN#77	R5-175123	3670	1	New TC: TDD PDSCH performance in HST-SFN scenario	14.3.0	14.4.0
2017-09	RAN#77	R5-175125	3770	1	Addition of Rel14 bands for NB-IoT in Clause 5	14.3.0	14.4.0
2017-09	RAN#77	R5-175126	3771	1	Addition of Rel14 bands in NB-IoT Transmitter test cases	14.3.0	14.4.0
2017-09	RAN#77	R5-175127	3699	1	Editorial Change – Cleanup of Test Configuration Tables of TC 7.3A.9 and TC 7.3A.10	14.3.0	14.4.0
2017-09	RAN#77	R5-175128	3727	1	Updated to test requirement to clause 8 test cases	14.3.0	14.4.0
2017-09	RAN#77	R5-175129	3737	1	Introduction of TDD CQI Reporting under AWGN conditions – PUCCH 1-0 for CA (4DL CA)	14.3.0	14.4.0
2017-09	RAN#77	R5-175130	3742	1	Update of the test requirement about TC 7.3A.10 REFSENS for 5DL CA	14.3.0	14.4.0
2017-09	RAN#77	R5-175137	3662	1	Introduction ofTDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for FDD PCell (4DL CA) in 8.2.3.3.1.3	14.3.0	14.4.0
2017-09	RAN#77	R5-175138	3663	1	Introduction of TDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for FDD PCell (5DL CA) in 8.2.3.3.1.4	14.3.0	14.4.0
2017-09	RAN#77	R5-175139	3664	1	Introduction of TDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for TDD PCell (4DL CA) in 8.2.3.3.2.3	14.3.0	14.4.0
2017-09	RAN#77	R5-175140	3665	1	Introduction of TDD FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x2 for TDD PCell (5DL CA) in 8.2.3.3.2.4	14.3.0	14.4.0
2017-09	RAN#77	R5-175145	3673	1	Addition of LAA test case 9.2.6.2	14.3.0	14.4.0
2017-09	RAN#77	R5-175146	3758	1	NBIoT correction of bandwidth	14.3.0	14.4.0

2017-09	RAN#77	R5-175160	3689	1	Correction to eMTC test case (CEModeB) to support repetition factor >1	14.3.0	14.4.0
2017-09	RAN#77	R5-175161	3710	1	Updates for FDD and HD-FDD and TDD Demodulation of MPDCCH in CE Mode B Test Cases	14.3.0	14.4.0
2017-09	RAN#77	R5-175168	3644	1	New CA band combinations CA_1A-3C-8A - Updates of 7.3A.9 REFSENS	14.3.0	14.4.0
2017-09	RAN#77	R5-175169	3680	1	Introduction of CA_1A-3A-11A to section 7	14.3.0	14.4.0
2017-09	RAN#77	R5-175170	3682	1	Introduction of CA_3A-8A-11A to section 7	14.3.0	14.4.0
2017-09	RAN#77	R5-175171	3684	1	Introduction of CA_3A-11A-28A to section 7	14.3.0	14.4.0
2017-09	RAN#77	R5-175176	3783	1	Update test case 7.6.2A.3 for LAA band combinations	14.3.0	14.4.0
2017-09	RAN#77	R5-175177	3638	1	Introduction of EVM equalizer spectrum flatness for V2X Communication / Non-concurrent with E-UTRA uplink transmissions in 6.5.2.4G.1	14.3.0	14.4.0
2017-09	RAN#77	R5-175178	3640	1	Introduction of Spectrum Emission Mask for V2X Communication / Non-concurrent with E-UTRA uplink transmissions in 6.6.2.1G.1	14.3.0	14.4.0
2017-09	RAN#77	R5-175179	3636	1	Introduction of In-band emissions for non-allocated RB for V2X Communication / Intra-band contiguous MCC operation in 6.5.2.3G.3	14.3.0	14.4.0
2017-09	RAN#77	R5-175180	3719	1	Adding new TC 6.6.1G.2 Occupied bandwidth for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.3.0	14.4.0
2017-09	RAN#77	R5-175181	3754	1	Update & editorial change for V2X RX Test Cases	14.3.0	14.4.0
2017-09	RAN#77	R5-175185	3761	1	Update to Configured UE transmitted Output Power for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.3.0	14.4.0
2017-09	RAN#77	R5-175190	3691	1	Addition of new 4Rx SDR test case - FDD single carrier	14.3.0	14.4.0
2017-09	RAN#77	R5-175191	3711	1	Introduction of TDD-FDD CA PDSCH Closed Loop Single Layer Spatial Multiplexing 2x4 with TM4 Interference Model-Enhanced Performance Requirement Type A for TDD Pcell (2DL CA)	14.3.0	14.4.0
2017-09	RAN#77	R5-175192	3734	1	Introduction of TDD-FDD CA PDSCH Closed Loop Single Layer Spatial Multiplexing 2x4 with TM4 Interference Model-Enhanced Performance Requirement Type A for FDD Pcell (2DL CA)	14.3.0	14.4.0
2017-09	RAN#77	R5-175197	3632	1	Editorial correction to In-band emissions for non allocated RB in 6.5.2.3.4.2	14.3.0	14.4.0
2017-09	RAN#77	R5-175199	3672	1	Addition of eIMTA performance test case 8.2.2.2.5	14.3.0	14.4.0
2017-09	RAN#77	R5-175203	3654	1	Correction to NB-IoT test cases 6.5.1F and 6.6.2.1F	14.3.0	14.4.0
2017-09	RAN#77	R5-175206	3735	2	Introduction of TDD-FDD CA PDSCH Single-layer Spatial Multiplexing 2x4 on antenna ports 7 or 8 with TM9 Interference Model-Enhanced Performance Requirement Type A for TDD Pcell (2DL CA)	14.3.0	14.4.0
2017-09	RAN#77	R5-175207	3736	2	Introduction of TDD-FDD CA PDSCH Single-layer Spatial Multiplexing 2x4 on antenna ports 7 or 8 with TM9 Interference Model-Enhanced Performance Requirement Type A for FDD Pcell (2DL CA)	14.3.0	14.4.0
2017-09	RAN#77	R5-175208	3688	1	Editorial change, correction of RMC for Cat-M1 TDD PDSCH demodulation requirements	14.3.0	14.4.0
2017-09	RAN#77	R5-175210	3707	1	Update of TC 6.3.4F ON/OFF time mask for category NB1	14.3.0	14.4.0
2017-09	RAN#77	R5-175217	3656	1	Correction to Test Parameters for Cat M1 CQI tests	14.3.0	14.4.0

2017-09	RAN#77	R5-175220	3759	2	Update to 6.2.2G.2 UE Maximum Output Power for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmission	14.3.0	14.4.0
2017-09	RAN#77	R5-175221	3760	2	Update to Maximum Power Reduction (MPR) for V2X Communication / Power class 3 / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmission	14.3.0	14.4.0
2017-12	RAN#78	R5-176118	3793	-	Correction of eMTC minimum test time	14.4.0	14.5.0
2017-12	RAN#78	R5-176196	3806	-	Update of Annexes F.1.4 and F.3.4	14.4.0	14.5.0
2017-12	RAN#78	R5-176229	3809	-	Introduction of New TC 6.5.2A.1.4 Error Vector Magnitude (EVM) for CA (3UL CA)	14.4.0	14.5.0
2017-12	RAN#78	R5-176230	3810	-	Introduction of New TC 6.5.2A.2.4 Carrier leakage for CA (3UL CA)	14.4.0	14.5.0
2017-12	RAN#78	R5-176231	3811	-	Introduction of New TC 6.5.2A.3.4 In-band emissions for non allocated RB for CA (3UL CA)	14.4.0	14.5.0
2017-12	RAN#78	R5-176245	3818	-	Correction of eMTC test case 7.3EA	14.4.0	14.5.0
2017-12	RAN#78	R5-176246	3819	-	Aligning CA delta TIB in sub-clause 6.2.5.3 with TS 36.101 v14.5.0	14.4.0	14.5.0
2017-12	RAN#78	R5-176247	3820	-	Aligning CA delta RIB in sub-clause 7.3.3 with TS 36.101 v14.5.0	14.4.0	14.5.0
2017-12	RAN#78	R5-176252	3822	-	Adding missing ULCA bandwidth class B MPR	14.4.0	14.5.0
2017-12	RAN#78	R5-176299	3827	-	Updated Annex I.2.2 Tests for CA	14.4.0	14.5.0
2017-12	RAN#78	R5-176300	3828	-	Updated Annex G for new 4DL CA test cases	14.4.0	14.5.0
2017-12	RAN#78	R5-176301	3829	-	Added TC7.3A.9 test requirement for CA_2A-2A-5A-30A	14.4.0	14.5.0
2017-12	RAN#78	R5-176308	3832	-	Updated to Annex A for RMC and reference resource pool configuration	14.4.0	14.5.0
2017-12	RAN#78	R5-176336	3846	-	Addition of new 4Rx SDR test cases - Annex F	14.4.0	14.5.0
2017-12	RAN#78	R5-176386	3850	-	New CA band combinations CA_1A-3A-8A-40A - Updates of 7.3A.9 REFSENS	14.4.0	14.5.0
2017-12	RAN#78	R5-176388	3851	-	Updates of the SDR TC 8.7.5.1_H.3 for TDD FDD CA	14.4.0	14.5.0
2017-12	RAN#78	R5-176418	3860	-	Introduction of Spurious response for V2X in 7.7G.2	14.4.0	14.5.0
2017-12	RAN#78	R5-176423	3862	-	Update of 4DL CA Test Cases	14.4.0	14.5.0
2017-12	RAN#78	R5-176425	3863	-	Correction to applicability statement of 4Rx CQI test cases	14.4.0	14.5.0
2017-12	RAN#78	R5-176430	3864	-	Update the applicability of test points for CA configurations 3A-3A and 7A-7A	14.4.0	14.5.0
2017-12	RAN#78	R5-176431	3865	-	Update REFSENS of 3DL CA for multiple CA configurations in 7.3A.5	14.4.0	14.5.0
2017-12	RAN#78	R5-176432	3866	-	Addition of REFSENS of 2A-4A-7A-7A in 7.3A.9	14.4.0	14.5.0
2017-12	RAN#78	R5-176453	3869	-	Update of UE co-existence requirements for Band 39 in 6.6.3.2	14.4.0	14.5.0
2017-12	RAN#78	R5-176477	3870	-	Missed Addition of Cat1bis demod test case	14.4.0	14.5.0
2017-12	RAN#78	R5-176493	3875	-	Correction to test procedure for 6.3.5F.2	14.4.0	14.5.0
2017-12	RAN#78	R5-176496	3878	-	Correction to 6.5.2.1F.1 and 6.5.2.3F	14.4.0	14.5.0
2017-12	RAN#78	R5-176503	3881	-	Correction to requirement of 9.4.1.3.2_D	14.4.0	14.5.0
2017-12	RAN#78	R5-176504	3882	-	Editorial correction to 8.2.1.4.2_A.3	14.4.0	14.5.0
2017-12	RAN#78	R5-176505	3883	-	Clean up on LAA demodulation test cases	14.4.0	14.5.0

2017-12	RAN#78	R5-176507	3885	-	Correction to the test applicability for 2Rx SDR tests (36.521-1)	14.4.0	14.5.0
2017-12	RAN#78	R5-176541	3889	-	Introduction of TDD FDD CA Sustained data rate performance for TDD PCell (5DL CA) in 8.7.5.2.4	14.4.0	14.5.0
2017-12	RAN#78	R5-176553	3892	-	Correction of test points for intra band non-contiguous 2DL CA Max input level	14.4.0	14.5.0
2017-12	RAN#78	R5-176555	3894	-	Editorial correction of title for 4Rx chapter 9 TCs in 36.521-1	14.4.0	14.5.0
2017-12	RAN#78	R5-176559	3896	-	Alignment of TC 9.9.2.2.1 & 9.9.2.2.2 with 36.101	14.4.0	14.5.0
2017-12	RAN#78	R5-176614	3902	-	Introduction of UE Transmit OFF power for V2X Communication / Non-concurrent with E-UTRA uplink transmissions	14.4.0	14.5.0
2017-12	RAN#78	R5-176616	3904	-	Update of test configuration for Maximum input level for 4DL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-176618	3905	-	Update of test configuration for ACS for 4DL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-176619	3906	-	Update of test configuration for In-band blocking for 4DL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-176620	3907	-	Update of test configuration for Out-band blocking for 4DL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-176621	3908	-	Update of test configuration for Narrow band blocking for 4DL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-176622	3909	-	Update of test configuration for Wideband intermodulation for 4DL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-176631	3912	-	FDD Enhanced Downlink Control Channel Performance Type A for PHICH, 2 Tx Antenna Port under Asynchronous Network	14.4.0	14.5.0
2017-12	RAN#78	R5-176632	3913	-	FDD Enhanced Downlink Control Channel Performance Type A for PHICH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-176634	3914	-	FDD Enhanced Downlink Control Channel Performance Type B for PHICH, 2 Tx Antenna Port with Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-176635	3915	-	FDD Enhanced Downlink Control Channel Performance Type B for PHICH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-176636	3916	-	TDD Enhanced Downlink Control Channel Performance Type A for PHICH, 2 Tx Antenna Port with Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-176638	3918	-	TDD Enhanced Downlink Control Channel Performance Type B for PHICH, 2 Tx Antenna Port with Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-176639	3919	-	TDD Enhanced Downlink Control Channel Performance Type B for PHICH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-176640	3920	-	FDD Enhanced Downlink Control Channel Performance Type A for EPDCCH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-176642	3922	-	TDD Enhanced Downlink Control Channel Performance Type A for EPDCCH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-176643	3923	-	FDD Enhanced Downlink Control Channel Performance Type A for EPDCCH, 2 Tx Antenna Port under Asynchronous Network	14.4.0	14.5.0
2017-12	RAN#78	R5-176654	3925	-	Correction to e-MTC TM9 PDSCH.	14.4.0	14.5.0
2017-12	RAN#78	R5-176721	3937	-	Missed additions and corrections in TS 36.521-1	14.4.0	14.5.0

2017-12	RAN#78	R5-176722	3938	-	Correction to test requirements for B42 in TC 6.2.2A.2	14.4.0	14.5.0
2017-12	RAN#78	R5-176773	3940	-	Alignment of 7.9A measurement frequency ranges with TS 36.101	14.4.0	14.5.0
2017-12	RAN#78	R5-176776	3941	-	Correction of MPDCCH test cases	14.4.0	14.5.0
2017-12	RAN#78	R5-176780	3942	-	Corrections for NPDSCH-ConfigCommon-NB-DEFAULT in 6.3.4F.1	14.4.0	14.5.0
2017-12	RAN#78	R5-176792	3943	-	Update of UL CA relative power control	14.4.0	14.5.0
2017-12	RAN#78	R5-176796	3944	-	Introduction of 4Rx CA TM9 demodulation test cases	14.4.0	14.5.0
2017-12	RAN#78	R5-176827	3947	-	Updates to Performance Test Cases for V2X Sidelink communications	14.4.0	14.5.0
2017-12	RAN#78	R5-176839	3951	-	Change of V2V TC names in TS 36.521-1	14.4.0	14.5.0
2017-12	RAN#78	R5-176840	3952	-	Correction of eMTC chapter 8 TC	14.4.0	14.5.0
2017-12	RAN#78	R5-176841	3953	-	Editorial Change – Alignment of HST-SFN scenario and requirements to TS 36.101	14.4.0	14.5.0
2017-12	RAN#78	R5-176843	3955	-	Editorial Change - Alignment of UE category M1 demodulation TCs to TS 36.101	14.4.0	14.5.0
2017-12	RAN#78	R5-176847	3957	-	New feMTC test case, 7.3EC Reference sensitivity level for UE category M2	14.4.0	14.5.0
2017-12	RAN#78	R5-176848	3958	-	New feMTC test case 6.2.2EB UE Maximum Output Power for UE category M2	14.4.0	14.5.0
2017-12	RAN#78	R5-176849	3959	-	Correction 6.6.2.3F NB-IoT ACLR test conditions	14.4.0	14.5.0
2017-12	RAN#78	R5-177092	3888	1	Change of eMTC demodulation test cases numbering	14.4.0	14.5.0
2017-12	RAN#78	R5-177094	3956	1	Editorial Change - Alignment of Channel spacing for CA to 36.101	14.4.0	14.5.0
2017-12	RAN#78	R5-177112	3876	1	Correction to test procedure for 6.3.5F.3	14.4.0	14.5.0
2017-12	RAN#78	R5-177113	3877	1	Correction to test condition for 6.5.1F	14.4.0	14.5.0
2017-12	RAN#78	R5-177114	3879	2	Clean up on NB-IoT demodulation tests	14.4.0	14.5.0
2017-12	RAN#78	R5-177117	3932	1	eLAA: Updates to Maximum output power	14.4.0	14.5.0
2017-12	RAN#78	R5-177300	3934	1	Updates of the Receiver Test cases for 5DL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-177301	3936	1	Updates of the Receiver Test cases for 4DL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-177303	3849	1	New CA band combinations CA_1A-3A-40A, CA_1A-8A-40A, and CA_3A-8A-40A - Updates of 7.3A.5 REFSENS	14.4.0	14.5.0
2017-12	RAN#78	R5-177304	3903	1	Update of A-MPR and Additional spurious emissions for inter-band DL and UL CA for UL 64QAM	14.4.0	14.5.0
2017-12	RAN#78	R5-177305	3911	1	Update of test case 9.6.1.1_A.4	14.4.0	14.5.0
2017-12	RAN#78	R5-177306	3927	1	Add a new test case 6.2.2A.4 to merge test cases 6.2.2A.4.1 and 6.2.2A.4.2 of UE Maximum Output Power for 3 UL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-177317	3917	1	TDD Enhanced Downlink Control Channel Performance Type A for PHICH, 2 Tx Antenna Port with Non-Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-177318	3921	1	TDD Enhanced Downlink Control Channel Performance Type A for EPDCCH, 2 Tx Antenna Port with Colliding CRS Dominant Interferer	14.4.0	14.5.0
2017-12	RAN#78	R5-177320	3926	1	Correction to test case 6.2.2A.1	14.4.0	14.5.0
2017-12	RAN#78	R5-177321	3880	1	Update 3DL CA Rx tests to support LAA band	14.4.0	14.5.0

2017-12	RAN#78	R5-177323	3831	1	Updated to RF section 8 & 9 test cases for missing TM9 in Test applicability	14.4.0	14.5.0
2017-12	RAN#78	R5-177324	3884	1	Correction to Test Parameters for Cat M1 PUCCH 1-0 static tests	14.4.0	14.5.0
2017-12	RAN#78	R5-177325	3901	1	Editorial correction to the operating bands for the vehicle mounted Band 30 UE	14.4.0	14.5.0
2017-12	RAN#78	R5-177327	3930	1	Correction to test case 9.3.2.1	14.4.0	14.5.0
2017-12	RAN#78	R5-177333	3834	1	Update to existing FDD 4Rx SDR test cases	14.4.0	14.5.0
2017-12	RAN#78	R5-177335	3837	1	Addition of new 4Rx SDR test case - TDD single carrier	14.4.0	14.5.0
2017-12	RAN#78	R5-177336	3835	1	Addition of new 4Rx SDR test case - FDD 4DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177337	3836	1	Addition of new 4Rx SDR test case - FDD 5DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177338	3838	1	Addition of new 4Rx SDR test case - TDD 2DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177339	3839	1	Addition of new 4Rx SDR test case - TDD 3DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177340	3840	1	Addition of new 4Rx SDR test case - TDD 4DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177341	3841	1	Addition of new 4Rx SDR test case - TDD 5DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177342	3842	1	Addition of new 4Rx SDR test case - TDD FDD 2DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177343	3843	1	Addition of new 4Rx SDR test case - TDD FDD 3DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177344	3845	1	Addition of new 4Rx SDR test case - TDD FDD 5DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177349	3960	-	Add a new test case 6.5.1A.4 to merge test cases 6.5.1A.4.1 and 6.5.1A.4.2 of Frequency error for CA (3UL CA)	14.4.0	14.5.0
2017-12	RAN#78	R5-177352	3857	1	Update of V2V RX Test cases	14.4.0	14.5.0
2017-12	RAN#78	R5-177353	3794	1	Update of TC7.6.2G.1 Out-of-band blocking for V2X Communication	14.4.0	14.5.0
2017-12	RAN#78	R5-177354	3797	1	Update of TC 7.8.1G.1 Wide band Intermodulation for V2X	14.4.0	14.5.0
2017-12	RAN#78	R5-177355	3802	1	Update of TC7.9G Spurious emissions for V2X	14.4.0	14.5.0
2017-12	RAN#78	R5-177356	3808	1	Introduction of new test case 6.3.5G.1 Power Control Absolute power tolerance for V2X Communication / Non-concurrent with E-UTRA uplink transmissions	14.4.0	14.5.0
2017-12	RAN#78	R5-177357	3858	1	Introduction of Spurious response for V2V in 7.7G.1	14.4.0	14.5.0
2017-12	RAN#78	R5-177362	3859	1	Update of V2X RX Test cases	14.4.0	14.5.0
2017-12	RAN#78	R5-177363	3792	1	Update to 5.2, 5.2G and 5.4.2G	14.4.0	14.5.0
2017-12	RAN#78	R5-177364	3795	1	Introduction of TC7.6.2G.2 Out-of-band blocking for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.4.0	14.5.0
2017-12	RAN#78	R5-177365	3796	1	Introduction of TC7.6.2G.3 Out-of-band blocking for V2X Communication / Intra-band contiguous multi-carrier operation	14.4.0	14.5.0
2017-12	RAN#78	R5-177366	3798	1	Introduction of TC 7.8.1G.2 Wide band Intermodulation for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.4.0	14.5.0
2017-12	RAN#78	R5-177367	3799	1	Introduction of TC 7.8.1G.3 Wide band Intermodulation for V2X Communication / Intra-band contiguous multi-carrier operation	14.4.0	14.5.0
2017-12	RAN#78	R5-177368	3814	1	Introduction of New TC 6.3.2G.3 Minimum output power for V2X Communication / Intra-band contiguous multi-carrier operation	14.4.0	14.5.0

2017-12	RAN#78	R5-177369	3815	1	Introduction of new test case 6.3.5G.2 Power Control Absolute power tolerance for V2X Communication / Intra-band contiguous multi-carrier operation	14.4.0	14.5.0
2017-12	RAN#78	R5-177370	3861	1	Introduction of Spurious response for V2X in 7.7G.3	14.4.0	14.5.0
2017-12	RAN#78	R5-177371	3946	1	Addition of new TC for V2X_Demod	14.4.0	14.5.0
2017-12	RAN#78	R5-177373	3816	1	Introduction of numbering rules guideline for category M2 in Annex I	14.4.0	14.5.0
2017-12	RAN#78	R5-177379	3847	1	Correction to NB-IOT NPDSCH demod parameters	14.4.0	14.5.0
2017-12	RAN#78	R5-177381	3939	1	Correction in 8.12.2.1.2 to accommodate number of antennas	14.4.0	14.5.0
2017-12	RAN#78	R5-177390	3825	1	Updated clause 5.2E to include operating bands for UE category 1bis	14.4.0	14.5.0
2017-12	RAN#78	R5-177391	3948	1	Addition of new CAT1-bis TM9 Demod TCs	14.4.0	14.5.0
2017-12	RAN#78	R5-177392	3949	1	Cat1bis: Addition of new CAT1-bis TxDiv Demod TC	14.4.0	14.5.0
2017-12	RAN#78	R5-177393	3950	1	Cat1bis: Addition of new CAT1-bis SDR TCs	14.4.0	14.5.0
2017-12	RAN#78	R5-177394	3954	1	Addition of TC 7.3EB Reference Sensitivity for UE Category 1bis	14.4.0	14.5.0
2017-12	RAN#78	R5-177395	3804	1	Introduction of TC 8.9.1.1.2_1 FDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x1 for UE Category 1bis.	14.4.0	14.5.0
2017-12	RAN#78	R5-177396	3805	1	Introduction of TC 8.9.1.2.2_1 TDD PDSCH Closed Loop Single Layer Spatial Multiplexing 2x1 for UE Category 1bis	14.4.0	14.5.0
2017-12	RAN#78	R5-177407	3833	1	Introduction of new test case 6.3.5A.1.x Power Control Absolute power tolerance for CA (SRS carrier based switching)	14.4.0	14.5.0
2017-12	RAN#78	R5-177408	3962	1	Introduction of new test case TC 6.7A.4 "Transmit intermodulation for CA (3DL CA and 3UL CA)	14.4.0	14.5.0
2017-12	RAN#78	R5-177418	3817	1	Update to Rx test case 7.6.3A.8 and 7.8.1A.8 for 5DL CA	14.4.0	14.5.0
2017-12	RAN#78	R5-177419	3854	1	Update test parameters for TDD CQI Reporting under AWGN conditions – PUCCH 1-0 for CA (4DL CA)	14.4.0	14.5.0
2017-12	RAN#78	R5-177420	3961	1	Introduction of new test case TC 6.6.1A.4 "Occupied bandwidth for CA (3DL CA and 3UL CA)	14.4.0	14.5.0
2017-12	RAN#78	R5-177421	3935	1	Introduction of the new Test case 8.7.5.2_H.3 TDD-FDD 4DL CA SDR for 256QAM	14.4.0	14.5.0
2017-12	RAN#78	R5-177423	3803	1	Introduction of TC7.9F Spurious emissions for category NB1	14.4.0	14.5.0
2017-12	RAN#78	R5-177424	3868	1	Update of 6.7F the transmit intermodulation for category NB1	14.4.0	14.5.0
2017-12	RAN#78	R5-177427	3855	1	Introduction of TDD CQI Reporting under AWGN conditions – PUCCH 1-0 for CA (5DL CA)	14.4.0	14.5.0
2017-12	RAN#78	R5-177428	3812	1	Introduction of New TC 6.3.2G.1 Minimum output power for V2X Communication / Non-concurrent with E-UTRA uplink transmissions	14.4.0	14.5.0
2017-12	RAN#78	R5-177430	3899	1	Adding new TC 6.7G.1 Transmit intermodulation for V2X Communication / Non-concurrent with E-UTRA uplink transmissions	14.4.0	14.5.0
2017-12	RAN#78	R5-177433	3844	1	Addition of new 4Rx SDR test case - TDD FDD 4DL	14.4.0	14.5.0
2017-12	RAN#78	R5-177434	3852	1	Introduction of TDD-FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x4 with 256QAM for FDD PCell (2DL CA)	14.4.0	14.5.0
2017-12	RAN#78	R5-177435	3853	1	Introduction of TDD-FDD CA PDSCH Closed Loop Multi Layer Spatial Multiplexing 4x4 with 256QAM for TDD PCell (2DL CA)	14.4.0	14.5.0

2017-12	RAN#78	R5-177436	3824	1	Introduction of RF TC 8.9.2.1.1_1	14.4.0	14.5.0
2017-12	RAN#78	R5-177437	3813	1	Introduction of New TC 6.3.2G.2 Minimum output power for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.4.0	14.5.0
2017-12	RAN#78	R5-177438	3856	1	Introduction of Additional Maximum Power Reduction (A-MPR) for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.4.0	14.5.0
2017-12	RAN#78	R5-177439	3890	1	Introduction of In-band emissions for non-allocated RB for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions in 6.5.2.3G.2	14.4.0	14.5.0
2017-12	RAN#78	R5-177440	3900	1	Adding new TC 6.7G.2 Transmit intermodulation for V2X Communication / Simultaneous E-UTRA V2X sidelink and E-UTRA uplink transmissions	14.4.0	14.5.0
2017-12	RAN#78	R5-177443	3821	1	Optimisation for test cases 7.6.2A.x, statistical significance change.	14.4.0	14.5.0
2017-12	RAN#78	R5-177452	3924	1	Clarification on the Order of SCCs	14.4.0	14.5.0
2018-03	RAN#79	R5-180275	3964	-	Removal of technical content in 36.521-1 v14.5.0 and substitution with pointer to the next Release	14.5.0	14.6.0

History

Document history		
V14.2.0	April 2017	Publication
V14.3.0	August 2017	Publication
V14.4.0	November 2017	Publication
V14.5.0	February 2018	Publication
V14.6.0	April 2018	Publication