

# ETSI TS 138 521-1 V17.11.0 (2024-01)



**5G;  
NR;  
User Equipment (UE) conformance specification;  
Radio transmission and reception;  
Part 1: Range 1 standalone  
(3GPP TS 38.521-1 version 17.11.0 Release 17)**



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Reference

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Keywords

5G

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# Contents

Intellectual Property Rights .....	2
Legal Notice .....	2
Modal verbs terminology.....	2
Foreword.....	4
1 Scope .....	5
2 References .....	5
3 Definitions, symbols and abbreviations .....	5
4 General .....	5
5 to 7 Void.....	5
<b>Annex A to J: Void .....</b>	<b>6</b>
<b>Annex K (informative): Change history .....</b>	<b>7</b>
History .....	50

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# Foreword

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

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

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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.

The present document is one part of a multi-part Technical Specification (TS) covering the New Radio (NR) User Equipment (UE) conformance specification, which is divided in the following parts:

- 3GPP TS 38.521-1: " NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 Standalone" (the present document).
- 3GPP TS 38.521-2 [13]: " NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 Standalone".
- 3GPP TS 38.521-3 [14]: "NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios"
- 3GPP TS 38.521-4 [15]: "NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 4: Performance".
- 3GPP TS 38.522 [16]: NR; User Equipment (UE) conformance specification; Applicability of RF and RRM test cases;
- 3GPP TS 38.533 [17]: NR; User Equipment (UE) conformance specification; Radio resource management;

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# 1 Scope

The present document specifies the measurement procedures for the conformance test of the user equipment (UE) that contain RF characteristics for frequency Range 1 as part of the 5G-NR.

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 15 and later UE declared to support 5G-NR 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.

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# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.

For a specific reference, subsequent revisions do not apply.

For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document in the same Release as the present document.

[1] to [26] (void)

[27] 3GPP TS 38.521-1 Release 18: "User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 Standalone;"

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# 3 Definitions, symbols and abbreviations

Void

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# 4 General

The requirements of the present document are provided in 3GPP TS 38.521-1 Release 18 [27].

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# 5 to 7 Void

## Annex A to J: Void

## Annex K (informative): Change history



Change history							
Date	Meeting	TDoc	CR	R ev	C at	Subject/Comment	New versio n
2017-08	RAN5#76	R5-175705	-	-	-	Draft skeleton	0.0.1
2018-01	RAN5#1- 5G-NR Adhoc	R5-180068 R5-180069 R5-180070 R5-180071 R5-180072 R5-180073 R5-180075 R5-180076 R5-180077 R5-180078 R5-180079	-	-	-	Implementation of pCRs to TS 38.521-1 V0.1.0	0.1.0
2018-01	RAN5#78	R5-181506 R5-181507 R5-181670 R5-181671 R5-181672 R5-181676 R5-181677 R5-181678 R5-181679 R5-181685 R5-181686 R5-181698 R5-181699 R5-181700	-	-	-	Implementation of pCRs to TS 38.521-1 V0.2.0	0.2.0
2018-03	RAN5#2- 5G-NR Adhoc	R5-181759	-	-	-	Update TS 38.521-1 to align with new structure of TS 38.101-1 based on endorsed CR R4-1802403	0.3.0
2018-04	RAN5#2- 5G-NR Adhoc	R5-81976	-	-	-	3GU mismatch	0.3.1
2018-04	RAN5#2- 5G-NR Adhoc	R5-181771 R5-181833 R5-181842 R5-182000 R5-182002 R5-182003 R5-182004 R5-182005 R5-182020 R5-182021 R5-182026	-	-	-	Implementation of pCRs to TS 38.521-1 V0.4.0 Add clause 4.4 Test point analysis	0.4.0
2018-07	RAN5#79	R5-182768 R5-182973 R5-183702 R5-183703 R5-183704 R5-183705 R5-183906 R5-183936 R5-183280 R5-183923 R5-183953 R5-183954 R5-183955 R5-183956 R5-183957 R5-183958 R5-183959 R5-183960	-	-	-	Implementation of pCRs to TS 38.521-1 V0.5.0	0.5.0
2018-07	RAN5#79	R5-183960 R5-183279	-	-	-	Corrected Table numbering issues in subclause 6.5.2.4.1.4.2 Test procedure to capture R5-183960 changes into draft TS 38.521-1 v0.5.1	0.5.1

2018-07	RAN#79	R5-182363	-	-	-	withdrawn	1.0.0
2018-08	RAN#80	R5-185321 R5-184298 R5-185305 R5-185322 R5-185323 R5-185495 R5-185444 R5-185565 R5-185445 R5-185524 R5-184572 R5-185390 R5-184574 R5-185521 R5-185408 R5-184822 R5-185446 R5-185324 R5-185447 R5-185411 R5-185413 R5-185496 R5-185414 R5-185415 R5-185325 R5-185500 R5-185501 R5-185312 R5-185326 R5-185315 R5-185317 R5-185320	-	-	-	Implementation of pCRs to TS 38.521-1 V1.0.1	1.0.1
2018-09	RAN#81	-	-	-	-	raised to v15.0.0 with editorial changes only	15.0.0
2018-12	RAN#82	R5-186604	0072	-	F	5G_FR1 Text update for 7.3 Reference sensitivity	15.1.0
2018-12	RAN#82	R5-186605	0073	-	F	5R_FR1 Text Update for 6.5.3.1_General spurious emissions	15.1.0
2018-12	RAN#82	R5-186606	0074	-	F	5R FR1 Text Update for 6.5.3.2 Spurious emission for UE co-existence	15.1.0
2018-12	RAN#82	R5-186670	0078	-	F	Updating test case 6.2.3 UE additional maximum output power reduction	15.1.0
2018-12	RAN#82	R5-186671	0079	-	F	Updating test case 6.5.2.3 Additional spectrum emission mask	15.1.0
2018-12	RAN#82	R5-186680	0080	-	F	Update of test case 6.5.2.4.2, UTRA ACLR in 38.521-1	15.1.0
2018-12	RAN#82	R5-186736	0084	-	F	Update of FR1 Transmit OFF power	15.1.0
2018-12	RAN#82	R5-186774	0088	-	F	Addition of 6.3D.1 Minimum output power for UL-MIMO	15.1.0
2018-12	RAN#82	R5-186776	0089	-	F	Addition of 6.3D.2 Transmit OFF power for UL-MIMO	15.1.0
2018-12	RAN#82	R5-186781	0090	-	F	Addition of 6.3D.3 Transmit ON/OFF time mask for UL-MIMO	15.1.0
2018-12	RAN#82	R5-186901	0091	-	F	Update SEM requirements to TS 38.101-1 v15.3.0	15.1.0
2018-12	RAN#82	R5-186902	0092	-	F	Update ACS and inband blocking test cases in TS 38.521-1	15.1.0
2018-12	RAN#82	R5-187034	0107	-	F	Adding edge allocation into common uplink configuration in 6.1	15.1.0
2018-12	RAN#82	R5-187038	0109	-	F	Update test points for multiple FR1 test cases	15.1.0
2018-12	RAN#82	R5-187149	0111	-	F	Updated to Annexes for FR1 tests	15.1.0
2018-12	RAN#82	R5-187150	0112	-	F	General clauses updated for TS38.521-1	15.1.0
2018-12	RAN#82	R5-187376	0120	-	F	Update of 6.2.1 MOP	15.1.0
2018-12	RAN#82	R5-187378	0122	-	F	Update of 6.3.1 Minimum Output Power	15.1.0
2018-12	RAN#82	R5-187379	0123	-	F	Update of 6.3.3.2 General ON/OFF time mask	15.1.0
2018-12	RAN#82	R5-187380	0124	-	F	Addition of 6.2D.1 MOP for MIMO	15.1.0
2018-12	RAN#82	R5-187381	0125	-	F	Addition of 6.2D.2 MPR for MIMO	15.1.0
2018-12	RAN#82	R5-187382	0126	-	F	Addition of 6.2D.4 Configured Output Power for MIMO	15.1.0
2018-12	RAN#82	R5-187383	0127	-	F	Addition of 6.4D.1 Frequency error for MIMO	15.1.0
2018-12	RAN#82	R5-187384	0128	-	F	Addition of 6.4D.2.1 EVM for MIMO	15.1.0
2018-12	RAN#82	R5-187385	0129	-	F	Addition of 6.4D.2.2 Carrier Leakage for MIMO	15.1.0

2018-12	RAN#82	R5-187386	0130	-	F	Addition of 6.4D.2.3 In-band emissions for MIMO	15.1.0
2018-12	RAN#82	R5-187387	0131	-	F	Addition of 6.4D.2.4 EVM equalizer spectrum flatness for MIMO	15.1.0
2018-12	RAN#82	R5-187395	0132	-	F	Update of test case 6.2.3 UE A-MPR, general	15.1.0
2018-12	RAN#82	R5-187397	0133	-	F	Update of test case 6.2.3 UE A-MPR, NS_04	15.1.0
2018-12	RAN#82	R5-187399	0134	-	F	Update of test case test case 6.5.2.3 Additional spectrum emission mask, NS_04	15.1.0
2018-12	RAN#82	R5-187421	0136	-	F	Introduction of TC 6.5D.1 Occupied bandwidth for UL MIMO	15.1.0
2018-12	RAN#82	R5-187422	0137	-	F	Introduction of TC 6.5D.2.2 Spectrum Emission Mask for UL MIMO	15.1.0
2018-12	RAN#82	R5-187423	0138	-	F	Introduction of TC 6.5D.2.3 Additional Spectrum Emission Mask for UL MIMO	15.1.0
2018-12	RAN#82	R5-187424	0139	-	F	Introduction of TC 6.5D.2.4.1 NR ACLR for UL MIMO	15.1.0
2018-12	RAN#82	R5-187425	0140	-	F	Introduction of TC 6.5D.2.4.2 UTRA ACLR for UL MIMO	15.1.0
2018-12	RAN#82	R5-187429	0144	-	F	Introduction of TC 6.5D.4 Transmit intermodulation for UL MIMO	15.1.0
2018-12	RAN#82	R5-187431	0146	-	F	Introduction of TC 7.4D Maximum input level for UL-MIMO	15.1.0
2018-12	RAN#82	R5-187432	0147	-	F	Updating of 6.2C.1 Configured transmitted power for SUL	15.1.0
2018-12	RAN#82	R5-187433	0148	-	F	Introduction of TC 6.5C.1 Occupied bandwidth for SUL	15.1.0
2018-12	RAN#82	R5-187434	0149	-	F	Introduction of TC 6.5C.2.2 Spectrum Emission Mask for SUL	15.1.0
2018-12	RAN#82	R5-187435	0150	-	F	Introduction of TC 6.5C.2.3 Additional Spectrum Emission Mask for SUL	15.1.0
2018-12	RAN#82	R5-187436	0151	-	F	Introduction of TC 6.5C.2.4.1 NR ACLR for SUL	15.1.0
2018-12	RAN#82	R5-187437	0152	-	F	Introduction of TC 6.5C.2.4.2 UTRA ACLR for SUL	15.1.0
2018-12	RAN#82	R5-187438	0153	-	F	Introduction of TC 6.5C.3.2 General spurious emissions for SUL	15.1.0
2018-12	RAN#82	R5-187439	0154	-	F	Introduction of TC 6.5C.3.3 Spurious Emission for UE co-existence for SUL	15.1.0
2018-12	RAN#82	R5-187440	0155	-	F	Introduction of TC 6.5C.3.4 Additional Spurious Emission for SUL	15.1.0
2018-12	RAN#82	R5-187455	0158	-	F	Updating test case 6.3.4.2 Absolute Power Tolerance	15.1.0
2018-12	RAN#82	R5-187456	0159	-	F	Updating test case 6.3.4.4 Aggregate Power Tolerance	15.1.0
2018-12	RAN#82	R5-187560	0162	-	F	Update to Table 5.3.5-1 in TS 38.521-1	15.1.0
2018-12	RAN#82	R5-187585	0164	-	F	Update of transmit signal quality test cases in 38.521-1	15.1.0
2018-12	RAN#82	R5-187615	0167	-	F	Introduction of TC 6.5D.3.1 General spurious emissions for UL MIMO	15.1.0
2018-12	RAN#82	R5-187616	0168	-	F	Introduction of TC 6.5D.3.2 Spurious Emission for UE co-existence for UL MIMO	15.1.0
2018-12	RAN#82	R5-187617	0169	-	F	Introduction of TC 6.5D.3.3 Additional Spurious Emission for UL MIMO	15.1.0
2018-12	RAN#82	R5-187618	0170	-	F	Updating of Uplink channel for SUL in Annex G	15.1.0
2018-12	RAN#82	R5-187804	0069	1	F	Editorial Cleaning up for description of test requirement in clause 6	15.1.0
2018-12	RAN#82	R5-187805	0063	1	F	Introduction of TC 7.7D Spurious response for UL-MIMO	15.1.0
2018-12	RAN#82	R5-187807	0113	1	F	Introduction of receiver spurious emission tests for FR1 SA	15.1.0
2018-12	RAN#82	R5-187810	0114	1	F	Introduction of wideband intermodulation tests for FR1 SA	15.1.0
2018-12	RAN#82	R5-187811	0145	1	F	Introduction of TC 7.3D Reference sensitivity for UL-MIMO	15.1.0
2018-12	RAN#82	R5-187812	0085	1	F	Update of operating bands and channel arrangement to TS 38.521-1	15.1.0
2018-12	RAN#82	R5-187888	0121	1	F	Update of 6.2.4 Configured Output Power	15.1.0
2018-12	RAN#82	R5-187890	0156	1	F	Introduction of TC 6.5C.4 Transmit intermodulation for SUL	15.1.0
2018-12	RAN#82	R5-187892	0108	1	F	Removing the Editor's notes of SA messages and procedures for all FR1 test cases	15.1.0
2018-12	RAN#82	R5-187893	0083	1	F	Update of FR1 6.2.2 MPR	15.1.0
2018-12	RAN#82	R5-187894	0086	1	F	Addition of Time alignment error for UL-MIMO to TS38.521-1	15.1.0
2018-12	RAN#82	R5-187895	0115	1	F	Introduction of New FR1 test case 6.3.3.6 SRS time mask	15.1.0
2018-12	RAN#82	R5-187896	0116	1	F	5G_FR1 Text update for 6.5.3.3 Additional Spurious emission	15.1.0
2018-12	RAN#82	R5-187897	0161	1	F	Update of test case 6.3.4.3, Power Control Relative power tolerance in 38.521-1	15.1.0
2018-12	RAN#82	R5-187898	0165	1	F	Addition of EVM equalizer spectral flatness test case 6.4.2.5 to TS 38.521-1	15.1.0
2018-12	RAN#82	R5-187899	0099	1	F	Introduction of test case for Frequency error for CA	15.1.0

2018-12	RAN#82	R5-187900	0100	1	F	Introduction of test cases for Transmit modulation quality for CA	15.1.0
2018-12	RAN#82	R5-187901	0101	1	F	Introduction of test case for Spectrum emission mask for Inter-band CA	15.1.0
2018-12	RAN#82	R5-187902	0102	1	F	Introduction of test case for NR ACLR for Inter-band CA	15.1.0
2018-12	RAN#82	R5-187903	0103	1	F	Introduction of test case for UTRA ACLR for Inter-band CA	15.1.0
2018-12	RAN#82	R5-187904	0104	1	F	Introduction of test case for General spurious emissions for Inter-band CA	15.1.0
2018-12	RAN#82	R5-187905	0105	1	F	Introduction of test case for Spurious emission for UE co-existence for CA	15.1.0
2018-12	RAN#82	R5-187906	0106	1	F	Introduction of test case for Transmit intermodulation for Inter-band CA	15.1.0
2018-12	RAN#82	R5-187911	0118	1	F	Addition of notes to clarify test point selection into general section of TS 38.521-1	15.1.0
2018-12	RAN#82	R5-187914	0163	1	F	Update of Global In-channel Tx Test Annex in 38.521-1	15.1.0
2018-12	RAN#82	R5-187915	0082	1	F	Introduction of FR1 7.4 Maximum input level	15.1.0
2018-12	RAN#82	R5-188032	0075	1	F	Addition of 6.3D.4.1 Absolute Power tolerance for UL-MIMO	15.1.0
2018-12	RAN#82	R5-188033	0076	1	F	Addition of 6.3D.4.2 Relative Power Tolerance for UL-MIMO	15.1.0
2018-12	RAN#82	R5-188034	0077	1	F	Addition of 6.3D.4.3 Aggregate Power tolerance for UL-MIMO	15.1.0
2018-12	RAN#82	R5-188035	0110	1	F	Update to FR1 test case 6.3.3.4 PRACH time mask	15.1.0
2018-12	RAN#82	R5-188206	0117	1	F	Introduction of New FR1 test case 6.3.3.7 PUSCH-PUCCH and PUSCH-SRS time masks	15.1.0
2018-12	RAN#82	R5-188207	0071	1	F	5G_FR1 Text update for 7.3A Reference sensitivity for CA	15.1.0
2018-12	RAN#82	R5-188208	0067	2	F	Updates of MU in TS 38.521-1 Annex F during RAN5#81	15.1.0
2018-12	RAN#82	R5-188209	0068	2	F	Updates of TT in TS 38.521-1 Annex F during RAN5#81	15.1.0
2018-12	RAN#82	R5-188210	0097	1	F	TDD configuration for UE Tx test in FR1	15.1.0
2018-12	RAN#82	R5-188211	0119	1	F	Core alignment CR to capture TS 38.101-1 updates during RAN4#89	15.1.0
2019-03	RAN#83	R5-191034	0228	-	F	Update Clause 2 of TS 38.521-1	15.2.0
2019-03	RAN#83	R5-191035	0229	-	F	Update Clause 3.2 of TS 38.521-1	15.2.0
2019-03	RAN#83	R5-191039	0232	-	F	Correction to TC 6.4A.2.1.1 Error Vector Magnitude for CA (2UL CA)	15.2.0
2019-03	RAN#83	R5-191088	0244	-	F	Editorial cleaning up of test configuration tables in TS 38.521-1	15.2.0
2019-03	RAN#83	R5-191089	0245	-	F	Editorial correction of core alignment in TS 38.521-1	15.2.0
2019-03	RAN#83	R5-191090	0246	-	F	Updates of TT in TS38.521-1 Annex F during RAN5#NR4	15.2.0
2019-03	RAN#83	R5-191156	0247	-	F	General clauses updated for TS38.521-1	15.2.0
2019-03	RAN#83	R5-191244	0249	-	F	Editorial change in 6.5.2.1 general section	15.2.0
2019-03	RAN#83	R5-191245	0250	-	F	Update ACS and Inband Blocking test cases in TS38.521-1	15.2.0
2019-03	RAN#83	R5-191258	0251	-	F	Update to FR1 test case 6.5.4 Transmit intermodulation	15.2.0
2019-03	RAN#83	R5-191262	0252	-	F	Update of TC 7.6.3 Out-of-band blocking	15.2.0
2019-03	RAN#83	R5-191264	0253	-	F	Introduction of TC 7.6.4 Narrow-band blocking	15.2.0
2019-03	RAN#83	R5-191265	0254	-	F	Introduction of TC 7.7 Spurious response	15.2.0
2019-03	RAN#83	R5-191338	0256	-	F	Update of test case 6.3.4.3, Power Control Relative power tolerance in 38.521-1	15.2.0
2019-03	RAN#83	R5-191465	0257	-	F	Correction of FR1 6.2.2 Maximum Power Reduction (MPR)	15.2.0
2019-03	RAN#83	R5-191506	0262	-	F	Shared Risk clarification in TS 38.521-1	15.2.0
2019-03	RAN#83	R5-191526	0263	-	F	Update to FR1 test case 6.3.3.6 SRS time mask	15.2.0
2019-03	RAN#83	R5-191675	0267	-	F	Addition of MU and TT for NR FR1 UL-MIMO test cases	15.2.0
2019-03	RAN#83	R5-191815	0272	-	F	OBW test procedure update for 38.521-1	15.2.0
2019-03	RAN#83	R5-191846	0277	-	F	FR1 Text update for 6.5.3.1 General spurious emission	15.2.0
2019-03	RAN#83	R5-191848	0278	-	F	Correction of errors in Table 6.1-1 of 38.521-1	15.2.0
2019-03	RAN#83	R5-191849	0279	-	F	FR1 Text update for 7.3C Reference sensitivity power level for SUL	15.2.0
2019-03	RAN#83	R5-191852	0280	-	F	FR1 Text update for 6.5.3.2 Spurious emission for UE co-existence	15.2.0
2019-03	RAN#83	R5-191854	0281	-	F	FR1 Text update for 7.3.2 Reference sensitivity power level	15.2.0
2019-03	RAN#83	R5-192088	0317	-	F	Test mode and test loop function activation in SA Tx RF test cases in TS 38.521-1	15.2.0
2019-03	RAN#83	R5-192089	0318	-	F	Test mode and test loop function activation in SA Rx RF test cases in TS 38.521-1	15.2.0
2019-03	RAN#83	R5-192121	0320	-	F	Update of Global In-channel Tx Test Annex for FR1	15.2.0
2019-03	RAN#83	R5-192402	0266	1	F	Update of FR1 6.2.4 Configured transmitted power	15.2.0
2019-03	RAN#83	R5-192407	0294	1	F	Update of time alignment error for UL MIMO FR1 6.4D.3	15.2.0

2019-03	RAN#83	R5-192408	0295	1	F	Introduction of TC 6.4D.4	15.2.0
2019-03	RAN#83	R5-192409	0309	1	F	Update of FR1 6.2.1 MOP	15.2.0
2019-03	RAN#83	R5-192411	0310	1	F	Update of FR1 6.3.1 Minimum Output Power	15.2.0
2019-03	RAN#83	R5-192412	0311	1	F	Addition of FR1 6.3A.1 minimum output power for CA	15.2.0
2019-03	RAN#83	R5-192413	0321	1	F	Update of transmit signal quality test cases for FR1	15.2.0
2019-03	RAN#83	R5-192414	0231	1	F	Introduction of TC 7.7A.0 Minimum conformance requirements	15.2.0
2019-03	RAN#83	R5-192416	0240	1	F	Update to Wideband Intermodulation for SA FR1	15.2.0
2019-03	RAN#83	R5-192417	0241	1	F	Updates to 7.9 spurious emission for SA in FR1	15.2.0
2019-03	RAN#83	R5-192418	0259	1	F	Introduction of FR1 7.6D.3 Out-of-band blocking for UL-MIMO	15.2.0
2019-03	RAN#83	R5-192419	0260	1	F	Introduction of FR1 7.6D.4 Narrow band blocking for UL-MIMO	15.2.0
2019-03	RAN#83	R5-192420	0261	1	F	Introduction of FR1 7.8D.2 Wide band Intermodulation for UL-MIMO	15.2.0
2019-03	RAN#83	R5-192421	0276	1	F	Correction of FR1 7.4 Maximum input level	15.2.0
2019-03	RAN#83	R5-192510	0322	1	F	Asymmetric CH BWs test configuration for Reference Sensitivity	15.2.0
2019-03	RAN#83	R5-192544	0230	1	F	Correction to TC 6.4A.2.2 Carrier leakage for CA	15.2.0
2019-03	RAN#83	R5-192545	0248	1	F	Update of test case 6.5.2.4.2, UTRA ACLR in 38.521-1	15.2.0
2019-03	RAN#83	R5-192547	0273	1	F	Update of FR1 6.2D.1 MOP for MIMO	15.2.0
2019-03	RAN#83	R5-192548	0275	1	F	Update of 6.2D.4 Configured Output Power for MIMO	15.2.0
2019-03	RAN#83	R5-192549	0284	1	F	Update of FR1 test case 6.3D.1 Minimum output power for UL-MIMO	15.2.0
2019-03	RAN#83	R5-192550	0296	1	F	Update of TC 6.5D.1	15.2.0
2019-03	RAN#83	R5-192551	0297	1	F	Update of TC 6.5D.2.2	15.2.0
2019-03	RAN#83	R5-192553	0298	1	F	Introduction of TC 6.5D.2.3	15.2.0
2019-03	RAN#83	R5-192554	0299	1	F	Update of TC 6.5D.2.4.1	15.2.0
2019-03	RAN#83	R5-192555	0300	1	F	Update of TC 6.5D.2.4.2	15.2.0
2019-03	RAN#83	R5-192556	0301	1	F	Update of 6.5D.3.1	15.2.0
2019-03	RAN#83	R5-192557	0302	1	F	Update of 6.5D.3.2	15.2.0
2019-03	RAN#83	R5-192558	0303	1	F	Update of 6.5D.3.3	15.2.0
2019-03	RAN#83	R5-192559	0304	1	F	Update of 6.5D.4	15.2.0
2019-03	RAN#83	R5-192561	0313	1	F	Addition of FR1 6.3A.3 Transmit ON/OFF time mask for CA	15.2.0
2019-03	RAN#83	R5-192562	0325	1	F	Update of FR1 6.2D.2 MPR for MIMO	15.2.0
2019-03	RAN#83	R5-192563	0233	1	F	Introduction of TC 7.7A.1 Spurious response for 2DL CA	15.2.0
2019-03	RAN#83	R5-192564	0234	1	F	Introduction of TC 7.7A.2 Spurious response for 3DL CA	15.2.0
2019-03	RAN#83	R5-192565	0235	1	F	Introduction of TC 7.7A.3 Spurious response for 4DL CA	15.2.0
2019-03	RAN#83	R5-192566	0258	1	F	Introduction of FR1 7.6D.2 Inband blocking for UL-MIMO	15.2.0
2019-03	RAN#83	R5-192567	0285	1	F	Update on TC 6.4A.1.1 Frequency error for CA	15.2.0
2019-03	RAN#83	R5-192570	0286	1	F	Update on TCs in section 6.4A.2 Transmit modulation quality for CA	15.2.0
2019-03	RAN#83	R5-192576	0287	1	F	Update on TC 6.5A.2.2.1 Spectrum emission mask for CA	15.2.0
2019-03	RAN#83	R5-192577	0288	1	F	Update on TC 6.5A.2.4.1.1 NR ACLR for CA	15.2.0
2019-03	RAN#83	R5-192578	0289	1	F	Update on TC 6.5A.2.4.2.1 UTRA ACLR for CA	15.2.0
2019-03	RAN#83	R5-192579	0290	1	F	Update on TC 6.5A.3.1.1 General spurious emissions for CA	15.2.0
2019-03	RAN#83	R5-192580	0291	1	F	Update on TC 6.5A.3.2.1 Spurious emissions for UE co-existence for CA	15.2.0
2019-03	RAN#83	R5-192581	0292	1	F	Update on TC 6.5A.4.1 TX IM for CA	15.2.0
2019-03	RAN#83	R5-192583	0268	1	F	Addition of 7.5A.0 Minimum conformance requirements	15.2.0
2019-03	RAN#83	R5-192584	0269	1	F	Addition of 7.5A.1 Adjacent channel selectivity for 2DL CA	15.2.0
2019-03	RAN#83	R5-192585	0270	1	F	Addition of 7.5A.2 Adjacent channel selectivity for 3DL CA	15.2.0
2019-03	RAN#83	R5-192586	0271	1	F	Addition of 7.5A.3 Adjacent channel selectivity for 4DL CA	15.2.0
2019-03	RAN#83	R5-192587	0282	1	F	FR1 Text update for 7.3A.2 Reference sensitivity power level for CA	15.2.0
2019-03	RAN#83	R5-192588	0283	1	F	FR1 Text update for 7.3.2_1 Reference sensitivity level with 4 Rx antenna ports	15.2.0
2019-03	RAN#83	R5-192589	0305	1	F	Update of 7.3D.2	15.2.0
2019-03	RAN#83	R5-192590	0306	1	F	Update of TC 7.4D	15.2.0
2019-03	RAN#83	R5-192591	0307	1	F	Introduction of TC 7.5D	15.2.0
2019-03	RAN#83	R5-192592	0324	1	F	Update of TC 7.7D Spurious response for UL-MIMO	15.2.0
2019-03	RAN#83	R5-192593	0243	1	F	Updates of TT in TS38.521-1 Annex F during RAN5#82	15.2.0
2019-03	RAN#83	R5-192594	0265	1	F	Correction of HARQ-ACK transmission timing for DL RMC for FR1 TDD SCS=60kHz	15.2.0

2019-03	RAN#83	R5-192597	0319	1	F	Updating test case 7.3.2 Reference sensitivity power level Table 7.3.2.4.1-3	15.2.0
2019-03	RAN#83	R5-192598	0323	1	F	Update OBW, SEM and ACLR in TS 38.521-1	15.2.0
2019-03	RAN#83	R5-192682	0236	1	F	Introduction of TC 7.9A.0 Minimum conformance requirements	15.2.0
2019-03	RAN#83	R5-192683	0237	1	F	Introduction of TC 7.9A.1 Spurious emission for 2DL CA	15.2.0
2019-03	RAN#83	R5-192685	0312	2	F	Addition of FR1 6.3A.2 Transmit OFF power for CA	15.2.0
2019-03	RAN#83	R5-192693	0293	1	F	Introduction of Annex on Characteristics of the Interfering Signal FR1	15.2.0
2019-03	RAN#83	R5-192837	0326	1	F	Update of operating bands and channel arrangement to TS 38.521-1	15.2.0
2019-03	RAN#83	-	-	-	-	Editorial correction of references to TS 38.508-1 clause 4.6 tables	15.2.0
2019-06	RAN#84	R5-193535	0389	-	F	Update of test case 6.5.2.4.2, UTRA ACLR in 38.521-1	15.3.0
2019-06	RAN#84	R5-193536	0390	-	F	Update of test case 6.3.4.3, Power Control Relative power tolerance	15.3.0
2019-06	RAN#84	R5-193567	0394	-	F	Correction of 38.521-1 7.6D.2	15.3.0
2019-06	RAN#84	R5-193569	0395	-	F	Correction of 38.521-1 7.6D.3	15.3.0
2019-06	RAN#84	R5-193571	0396	-	F	Correction of 38.521-1 7.6D.4	15.3.0
2019-06	RAN#84	R5-193573	0397	-	F	Correction of 38.521-1 7.8D.2	15.3.0
2019-06	RAN#84	R5-193574	0398	-	F	Correction of 38.521-1 6.2.2	15.3.0
2019-06	RAN#84	R5-193585	0400	-	F	Update of TC 7.7A.0 Spurious response for CA	15.3.0
2019-06	RAN#84	R5-193586	0401	-	F	Correction of section number for UE diagram in Initial conditions of 38.521-1 Clause 6	15.3.0
2019-06	RAN#84	R5-193589	0404	-	F	Correction of section number for UE diagram in Initial conditions of 38.521-1 Clause 7	15.3.0
2019-06	RAN#84	R5-193593	0405	-	F	Unify Outer_1RB and Edge_1RB in Test Configuration Table of 38.521-1	15.3.0
2019-06	RAN#84	R5-193753	0413	-	F	Update of 6.3D Output power dynamics for UL-MIMO	15.3.0
2019-06	RAN#84	R5-193915	0417	-	F	Update of NR FR1 6.2.3 A-MPR NS_04	15.3.0
2019-06	RAN#84	R5-193917	0418	-	F	Update of SA FR1 RF 6.5D.2.3	15.3.0
2019-06	RAN#84	R5-193918	0419	-	F	Update of SA FR1 RF 6.5D.2.4.2	15.3.0
2019-06	RAN#84	R5-193920	0420	-	F	Update of SA FR1 RF 6.5D.3.3	15.3.0
2019-06	RAN#84	R5-193930	0421	-	F	Addition of NR FR1 6.2D.3 A-MPR for UL-MIMO	15.3.0
2019-06	RAN#84	R5-193955	0423	-	F	Update of clause 5 to TS 38.521-1	15.3.0
2019-06	RAN#84	R5-194125	0425	-	F	Update Out of band emission test cases in TS 38.521-1	15.3.0
2019-06	RAN#84	R5-194126	0426	-	F	Update ACS and Inbandblocking interferer definition in TS 38.521-1	15.3.0
2019-06	RAN#84	R5-194161	0428	-	F	Update of test case 6.2.3 UE A-MPR, NS_35	15.3.0
2019-06	RAN#84	R5-194162	0429	-	F	Update of test case 6.5.2.3; Additional spectrum emission mask	15.3.0
2019-06	RAN#84	R5-194226	0435	-	F	Correction to In-band emission test case	15.3.0
2019-06	RAN#84	R5-194228	0437	-	F	Correction to PRACH configurations	15.3.0
2019-06	RAN#84	R5-194256	0439	-	F	Correction to FR1 Reference Sensitivity	15.3.0
2019-06	RAN#84	R5-194268	0440	-	F	Update of 7.5A.0 Minimum conformance requirements	15.3.0
2019-06	RAN#84	R5-194304	0442	-	F	Correction to time domain allocation of DMRS	15.3.0
2019-06	RAN#84	R5-194305	0443	-	F	Updating 7.8.2 Wide band Intermodulation	15.3.0
2019-06	RAN#84	R5-194307	0445	-	F	Correction to ON/OFF time mask test	15.3.0
2019-06	RAN#84	R5-194308	0446	-	F	Correction to carrier leakage and in-band emission tests	15.3.0
2019-06	RAN#84	R5-194312	0447	-	F	FR1 Update for 7.3A Reference sensitivity for CA	15.3.0
2019-06	RAN#84	R5-194313	0448	-	F	FR1 Update for 7.3.2 Reference sensitivity power level	15.3.0
2019-06	RAN#84	R5-194314	0449	-	F	FR1 Update for 7.3.3 Ref sensitivity ?RIB,c	15.3.0
2019-06	RAN#84	R5-194315	0450	-	F	FR1 Update for 7.3C Reference sensitivity for SUL	15.3.0
2019-06	RAN#84	R5-194316	0451	-	F	FR1 Update for 6.5.3.2 Spurious emission for UE co-existence	15.3.0
2019-06	RAN#84	R5-194377	0454	-	F	FR1 Update for 6.5.3.3 Additional spurious emissions	15.3.0
2019-06	RAN#84	R5-194383	0455	-	F	Update of 7.5A.2 Adjacent channel selectivity for 3DL CA	15.3.0
2019-06	RAN#84	R5-194905	0414	1	F	Update of 6.3D.4.1 Absolute Power tolerance for UL-MIMO	15.3.0
2019-06	RAN#84	R5-194906	0415	1	F	Update of 6.3D.4.2 Relative Power Tolerance for UL-MIMO	15.3.0
2019-06	RAN#84	R5-194908	0465	1	F	Update of TC 6.3A.3 Transmit ON/OFF time mask for CA	15.3.0
2019-06	RAN#84	R5-194910	0463	1	F	Update of TC 6.3A.1 Minimum output power for CA FR1	15.3.0
2019-06	RAN#84	R5-194911	0434	1	F	Update of 6.2.3 for UE additional maximum output power reduction	15.3.0

2019-06	RAN#84	R5-194912	0430	1	F	Update of test case 6.2.3 UE A-MPR FR1, general part and minimum requirements	15.3.0
2019-06	RAN#84	R5-194915	0438	1	F	Correction to SRS time mask test	15.3.0
2019-06	RAN#84	R5-194916	0444	1	F	Correction to transmit signal quality test cases	15.3.0
2019-06	RAN#84	R5-194917	0461	1	F	Introduction of 6.2A.4.0.2 TIB for CA into Rel-15	15.3.0
2019-06	RAN#84	R5-194918	0468	1	F	Update of transmit signal quality test cases for FR1	15.3.0
2019-06	RAN#84	R5-194919	0407	1	F	Update of TC 7.9A.1 Spurious emissions for 2DL CA	15.3.0
2019-06	RAN#84	R5-194920	0456	1	F	Update of 7.5A.3 Adjacent channel selectivity for 4DL CA	15.3.0
2019-06	RAN#84	R5-194921	0469	1	F	Correction to FR1 Reference Sensitivity test configurations with n70	15.3.0
2019-06	RAN#84	R5-194922	0431	1	F	Update of clause 3 to TS 38.521-1	15.3.0
2019-06	RAN#84	R5-194923	0432	1	F	Update of clause 4 to TS 38.521-1	15.3.0
2019-06	RAN#84	R5-194924	0433	1	F	Update of clause 5 for operating bands and channel arrangement	15.3.0
2019-06	RAN#84	R5-194925	0452	1	F	General clause updated for FR1 spec	15.3.0
2019-06	RAN#84	R5-194926	0467	1	F	Update of Global In-channel Tx Test Annex for FR1	15.3.0
2019-06	RAN#84	R5-194957	0392	1	F	Updates of MU and TT in TS 38.521-1 Annex F during RAN5#NR5	15.3.0
2019-06	RAN#84	R5-194973	0402	1	F	Update of TC 7.9A.0 Spurious emissions for CA	15.3.0
2019-06	RAN#84	R5-194974	0403	1	F	Update of TC 7.7D Spurious response for UL-MIMO	15.3.0
2019-06	RAN#84	R5-195090	0470	1	F	Update of FR1 ON_ON time mask test cases	15.3.0
2019-06	RAN#84	R5-195092	0441	1	F	Update of 7.5A.1 Adjacent channel selectivity for 2DL CA	15.3.0
2019-06	RAN#84	R5-195140	0416	1	F	Update of 6.3D.4.3 Aggregate Power tolerance for UL-MIMO	15.3.0
2019-06	RAN#84	R5-195142	0422	1	F	Addition of TT values for NR FR1 UL-MIMO test cases	15.3.0
2019-06	RAN#84	R5-195143	0457	1	F	Introduction of Occupied bandwidth for Inter-band CA in NR SA FR1	15.3.0
2019-06	RAN#84	R5-195144	0458	1	F	Update of 6.4D.3 Time alignment error for UL-MIMO FR1	15.3.0
2019-06	RAN#84	R5-195145	0464	1	F	Update of TC 6.3A.2 Transmit OFF power for CA FR1	15.3.0
2019-06	RAN#84	R5-195198	0436	1	F	Correction to power control test cases	15.3.0
2019-06	RAN#84	R5-195403	0459	1	F	Addition of 6.2A.1.3 FR1 MOP for inter-band CA	15.3.0
2019-06	RAN#84	R5-195430	0393	1	F	Updates of MU and TT in TS 38.521-1	15.3.0
2019-06	RAN#84	R5-195431	0424	1	F	Core alignment with TS 38.101-1	15.3.0
2019-06	RAN#84	R5-193550	0391	-	F	Introduction of CA_n41A-n79A into Rel-16	16.0.0
2019-06	RAN#84	R5-195053	0462	1	F	Introduction of 6.2A.4.0.2 TIB for CA into Rel-16	16.0.0
2019-06	RAN#84	R5-195056	0399	1	F	Introduction of CA_n41 into Rel-16 TS 38.521-1	16.0.0
2019-06	RAN#84	R5-195405	0460	1	F	Introduction of 6.2A.1.3 FR1 MOP for inter-band CA into Rel-16	16.0.0
2019-09	RAN#85	R5-195732	0472	-	F	Update Clause 6.2A.4.0.2 TIB for CA	16.1.0
2019-09	RAN#85	R5-195804	0474	-	F	Update of UE A_MPR test case in 6.2.3	16.1.0
2019-09	RAN#85	R5-196191	0477	-	F	Update of Minimum conformance requirements and addition of test points in TC 6.2.2	16.1.0
2019-09	RAN#85	R5-196231	0483	-	F	Correction to 6.5.2.3 Additional spectrum emission mask	16.1.0
2019-09	RAN#85	R5-196233	0485	-	F	Correction to 6.3.4.3 Power Control Relative power tolerance	16.1.0
2019-09	RAN#85	R5-196234	0486	-	F	Correction to PUCCH format in EVM and In-band emissions test	16.1.0
2019-09	RAN#85	R5-196291	0488	-	F	Add Annex F.4 Uplink Power window explanation for SA test cases	16.1.0
2019-09	RAN#85	R5-196396	0489	-	F	Update of Minimum output power for CA FR1	16.1.0
2019-09	RAN#85	R5-196402	0492	-	F	Update of NR test case 6.2A.1-UE maximum output power for CA	16.1.0
2019-09	RAN#85	R5-196413	0498	-	F	Update of FR1 6.4D.1 Frequency error for UL MIMO	16.1.0
2019-09	RAN#85	R5-196421	0502	-	F	Update of FR1 6.4D.2.4 EVM equalizer spectrum flatness for UL MIMO	16.1.0
2019-09	RAN#85	R5-196425	0504	-	F	Update of DL RB allocation in Annex C	16.1.0
2019-09	RAN#85	R5-196481	0514	-	F	Remove references to 4Rx Reference Sensitivity test case 7.3.2_1 from Annex F	16.1.0
2019-09	RAN#85	R5-196499	0517	-	F	Updated to Annex A for RF FR1 tests	16.1.0
2019-09	RAN#85	R5-196500	0518	-	F	General clause updated for FR1 spec	16.1.0
2019-09	RAN#85	R5-196653	0521	-	F	Update TT for 6.3D.4.1	16.1.0
2019-09	RAN#85	R5-196696	0523	-	F	Update of Minimum conformance requirements and Test requirement in TC 7.4	16.1.0
2019-09	RAN#85	R5-196699	0524	-	F	Update of Minimum conformance requirements in TC 6.3.2	16.1.0
2019-09	RAN#85	R5-196711	0525	-	F	Addition of TT for 6.3D.4.2	16.1.0

2019-09	RAN#85	R5-196726	0526	-	F	Addition of TT for 6.3D.4.3	16.1.0
2019-09	RAN#85	R5-197307	0476	1	F	Update UL-MIMO to UL MIMO to align with RAN4 terminology in FR1	16.1.0
2019-09	RAN#85	R5-197308	0506	1	F	Update for 6.5.3.1 General spurious emissions	16.1.0
2019-09	RAN#85	R5-197309	0508	1	F	Update for 6.5.3.3 Additional spurious emissions	16.1.0
2019-09	RAN#85	R5-197312	0473	1	F	Update of Additional spectrum emission mask test case 6.5.2.3	16.1.0
2019-09	RAN#85	R5-197313	0480	1	F	Add TT to 6.3D.1 Minimum output power for UL-MIMO	16.1.0
2019-09	RAN#85	R5-197314	0484	1	F	Correction to PRACH configurations	16.1.0
2019-09	RAN#85	R5-197316	0494	1	F	Addition of NR test case 6.2A.3-UE additional maximum output power reduction for CA	16.1.0
2019-09	RAN#85	R5-197318	0495	1	F	Addition of NR test case 6.2A.4-Configured output power for CA	16.1.0
2019-09	RAN#85	R5-197319	0499	1	F	Update of FR1 6.4D.2.1 EVM for UL MIMO	16.1.0
2019-09	RAN#85	R5-197321	0500	1	F	Update of FR1 6.4D.2.2 Carrier leakage for UL MIMO	16.1.0
2019-09	RAN#85	R5-197324	0501	1	F	Update of FR1 6.4D.2.3 Inband emission for UL MIMO	16.1.0
2019-09	RAN#85	R5-197327	0511	1	F	Update for 7.3C.0 Minimum conformance requirements for SUL	16.1.0
2019-09	RAN#85	R5-197328	0512	1	F	Update for 7.3A.0 Minimum conformance requirements for CA	16.1.0
2019-09	RAN#85	R5-197329	0522	1	F	Update of Minimum conformance requirements and Test requirement in TCs 7.6.3 7.6.4 and 7.7	16.1.0
2019-09	RAN#85	R5-197330	0527	1	F	Update of 7.5A.0	16.1.0
2019-09	RAN#85	R5-197492	0503	1	F	Update of UL power configuration for ON/OFF and Absolute power tolerance	16.1.0
2019-09	RAN#85	R5-197514	0478	1	F	Correction of uplink power setting for SA FR1 transmitter test cases	16.1.0
2019-09	RAN#85	R5-197515	0479	1	F	Correction of uplink power setting for SA FR1 receiver test cases	16.1.0
2019-09	RAN#85	R5-197519	0493	1	F	Addition of NR test case 6.2A.2-UE maximum output power reduction for CA	16.1.0
2019-09	RAN#85	R5-197520	0497	1	F	Update of FR1 6.2D.1 MOP for UL MIMO	16.1.0
2019-09	RAN#85	R5-197521	0507	1	F	Update for 6.5.3.2 Spurious emission for UE co-existence	16.1.0
2019-09	RAN#85	R5-197522	0515	1	F	Update to Occupied bandwidth for CA in NR SA FR1	16.1.0
2019-09	RAN#85	R5-197523	0496	1	F	Addition of FR1 7.4A Maximum input level for CA	16.1.0
2019-09	RAN#85	R5-197608	0510	1	F	Update for 7.3C.2 Reference sensitivity power level for SUL	16.1.0
2019-09	RAN#85	R5-197609	0513	1	F	Update for 7.3.2 Reference sensitivity power level	16.1.0
2019-09	RAN#85	R5-197610	0471	1	F	Updates of MU and TT in TS 38.521-1	16.1.0
2019-09	RAN#85	R5-197634	0475	2	F	Update of operating bands and channel arrangement to TS38.521-1 g00	16.1.0
2019-09	RAN#85	R5-197635	0491	2	F	Update of Transmit ON/OFF time mask for CA FR1	16.1.0
2019-09	RAN#85	R5-197639	0482	2	F	Correction to power control TC 6.3.4.2 and 6.3.4.4	16.1.0
2019-09	RAN#85	R5-197640	0509	2	F	Update for 7.3A Reference sensitivity for CA	16.1.0
2019-09	RAN#85	R5-197641	0528	2	F	Addition of the connection setup in TS 38.521-1	16.1.0
2019-10	RAN#85	-	-	-	-	Deletion of R5-197560 which was added by mistake but was withdrawn and belonged to another spec	16.1.1
2019-12	RAN#86	R5-197917	0705	-	F	Addition of FR1 SUL test case 6.2C.5	16.2.0
2019-12	RAN#86	R5-197923	0711	-	F	Editorial update of test case 6.4D.2.1	16.2.0
2019-12	RAN#86	R5-198044	0714	-	F	Update of Clause 7.9A.1 Spurious emission for 2DL CA	16.2.0
2019-12	RAN#86	R5-198103	0715	-	F	Correction of Clause 7.9 Spurious emissions	16.2.0
2019-12	RAN#86	R5-198134	0716	-	F	Updating incorrect note in test procedure	16.2.0
2019-12	RAN#86	R5-198237	0723	-	F	Alignment with core specification for test case 6.3.4.3	16.2.0
2019-12	RAN#86	R5-198397	0739	-	F	Correction to Test Configuration for In-band emissions	16.2.0
2019-12	RAN#86	R5-198398	0740	-	F	Editorial correction to test configuration table in MPR test	16.2.0
2019-12	RAN#86	R5-198399	0741	-	F	Correction to the test procedure for frequency error	16.2.0
2019-12	RAN#86	R5-198401	0743	-	F	Correction to Common Uplink Configuration	16.2.0
2019-12	RAN#86	R5-198479	0747	-	F	Correction of UL RMCs	16.2.0
2019-12	RAN#86	R5-198526	0753	-	F	Update of test case 6.2.3 UE A_MPR_NS_43	16.2.0
2019-12	RAN#86	R5-198546	0760	-	F	Message Contents Update for TC 6.2.4 and 6.2D.4 of TS 38.521-1	16.2.0
2019-12	RAN#86	R5-198547	0761	-	F	Addition of NR FR1 intraband non-contiguous 2CA tests to 7.4A.1 and 7.5A.1 and updating 7.5A.1 to 38.521-1 to enable testing of CA combinations involving bands n66, n70 and n71	16.2.0
2019-12	RAN#86	R5-198635	0764	-	F	Updated to Annex A for RF FR1 tests	16.2.0



2019-12	RAN#86	R5-198747	0774	-	F	Update for 7.3.3	16.2.0
2019-12	RAN#86	R5-198755	0777	-	F	Introduction of n65 to 38.521-1 Chapter 7	16.2.0
2019-12	RAN#86	R5-199085	0701	1	F	Updates of MU and TT in TS 38.521-1	16.2.0
2019-12	RAN#86	R5-199308	0724	1	F	Correction of 6.3D.3 Transmit ONOFF time mask for UL-MIMO	16.2.0
2019-12	RAN#86	R5-199309	0725	1	F	Correction of 6.3D.4.1	16.2.0
2019-12	RAN#86	R5-199310	0727	1	F	Correction of 6.3D.4.2 Relative power tolerance for UL-MIMO	16.2.0
2019-12	RAN#86	R5-199311	0731	1	F	Corrections to 6.3A.1.1 Minimum output power for CA 2UL CA FR1	16.2.0
2019-12	RAN#86	R5-199313	0702	1	F	Update of FR1 SUL test case 6.2C.1	16.2.0
2019-12	RAN#86	R5-199314	0703	1	F	Addition of FR1 SUL test case 6.2C.3	16.2.0
2019-12	RAN#86	R5-199315	0704	1	F	Addition of FR1 SUL test case 6.2C.4	16.2.0
2019-12	RAN#86	R5-199316	0706	1	F	Addition of FR1 SUL test case 6.4C.1	16.2.0
2019-12	RAN#86	R5-199317	0707	1	F	Addition of FR1 SUL test case 6.4C.2.1	16.2.0
2019-12	RAN#86	R5-199318	0708	1	F	Addition of FR1 SUL test case 6.4C.2.2	16.2.0
2019-12	RAN#86	R5-199319	0709	1	F	Addition of FR1 SUL test case 6.4C.2.3	16.2.0
2019-12	RAN#86	R5-199320	0710	1	F	Addition of FR1 SUL test case 6.4C.2.4	16.2.0
2019-12	RAN#86	R5-199321	0712	1	F	Update test points in transmit quality to replace -40dBm by minimum output power	16.2.0
2019-12	RAN#86	R5-199322	0746	1	F	Correction to UL Power Control Window in FR1	16.2.0
2019-12	RAN#86	R5-199323	0749	1	F	Corrections on A-MPR requirements in 38.521-1	16.2.0
2019-12	RAN#86	R5-199324	0750	1	F	Update of UE A_MPR Minimum Conformance requirements in 6.2.3	16.2.0
2019-12	RAN#86	R5-199325	0751	1	F	Update of test case 6.2.3 for UE A_MPR, NS_03 and NS_03U	16.2.0
2019-12	RAN#86	R5-199329	0752	1	F	Update of test case 6.2.3 UE A_MPR, NS_05 and NS_05U	16.2.0
2019-12	RAN#86	R5-199330	0754	1	F	Update of test case 6.2.3 UE A_MPR NS_43U	16.2.0
2019-12	RAN#86	R5-199331	0755	1	F	Adding of test requirements for UE A_MPR NS_100	16.2.0
2019-12	RAN#86	R5-199332	0756	1	F	Adding of test requirements for UE A_MPR NS_18	16.2.0
2019-12	RAN#86	R5-199333	0758	1	F	Update of Additional spectrum emission mask test case in 6.5.2.3	16.2.0
2019-12	RAN#86	R5-199334	0775	1	F	Update for 6.5.3.3 Additional spurious emissions	16.2.0
2019-12	RAN#86	R5-199335	0718	1	F	Correction of test applicability and minimum conformance requirements for SA FR1 7.6.4	16.2.0
2019-12	RAN#86	R5-199336	0719	1	F	Correction of minimum conformance requirements for SA FR1 7.6.3 7.7 and 7.9	16.2.0
2019-12	RAN#86	R5-199337	0717	1	F	Correction and addition of uplink power measurement MUs for SA FR1 TCs	16.2.0
2019-12	RAN#86	R5-199338	0728	1	F	Update of Operating bands and Channel arrangement to TS 38.521-1 R15	16.2.0
2019-12	RAN#86	R5-199339	0766	1	F	Update of Annex C.3.1	16.2.0
2019-12	RAN#86	R5-199412	0765	1	F	Update of clause 5 for R16 CA configurations in 38.521-1	16.2.0
2019-12	RAN#86	R5-199433	0736	1	F	Addition of reference sensitivity test for NR CA combination n29-n66	16.2.0
2019-12	RAN#86	R5-199434	0729	1	F	Update of Operating bands and Channel arrangement to TS 38.521-1 R16	16.2.0
2019-12	RAN#86	R5-199435	0767	1	F	Introduction of n29 and n65 to 38.521-1 Chapter 5 and 6.2.1	16.2.0
2019-12	RAN#86	R5-199484	0720	1	F	Correction of test procedure of SA FR1 6.5.3.1	16.2.0
2019-12	RAN#86	R5-199485	0768	1	F	Update to ACLR test case	16.2.0
2019-12	RAN#86	R5-199486	0776	1	F	Update for 6.5.3.2 Spurious emission for UE co-existence	16.2.0
2019-12	RAN#86	R5-199490	0748	1	F	update of 7.5A.2	16.2.0
2019-12	RAN#86	R5-199491	0773	1	F	Update for 7.3C.0 Minimum conformance requirements for SUL	16.2.0
2019-12	RAN#86	R5-199493	0770	1	F	Add section 4.5 Applicability and test coverage rules	16.2.0
2019-12	RAN#86	R5-199502	0721	1	F	Correction of test description for SA FR1 6.5.2.4.2	16.2.0
2019-12	RAN#86	R5-199503	0730	1	F	Addition of almost contiguous allocation test points and update of minimum conformance requirements for SA FR1 6.2.2	16.2.0
2019-12	RAN#86	R5-199556	0735	1	F	Introduction of 3CA reference sensitivity case 7.3A.2 for NR and addition of reference sensitivity test for many combinations involving bands n66, n70 and n71 to 38.521-1	16.2.0
2019-12	RAN#86	R5-199557	0762	1	F	Introduction of CA blocking case 7.6A to 38.521-1	16.2.0

2019-12	RAN#86	R5-199563	0732	1	F	Addition of 7.6A.3.1 Out-of-band blocking for CA (2DL CA) for SA FR1	16.2.0
2019-12	RAN#86	R5-199564	0733	1	F	Addition of 7.6A.4.1 Narrow band blocking for CA (2DL CA) for SA FR1	16.2.0
2019-12	RAN#86	R5-199565	0734	1	F	Addition of 7.8A.2.1 Wide band Intermodulation for CA (2DL CA) for SA FR1	16.2.0
2020-03	RAN#87	R5-200393	0789		F	Adding MU and TT for FR1 Rx CA test cases	16.3.0
2020-03	RAN#87	R5-200397	0791		F	Updating power configuration for PRACH time mask	16.3.0
2020-03	RAN#87	R5-200438	0792		F	Clarification of measurement interval of frequency error in FR1	16.3.0
2020-03	RAN#87	R5-200440	0794		F	Correction to 6.3.4.3 Power Control Relative power tolerance	16.3.0
2020-03	RAN#87	R5-200441	0795		F	Correction to SEM and ACLR test cases	16.3.0
2020-03	RAN#87	R5-200443	0797		F	Correction to UL power window description for 6.3.4.4	16.3.0
2020-03	RAN#87	R5-200461	0798		F	Update of 7.6A.3.1 Out-of-band blocking for 2DL CA	16.3.0
2020-03	RAN#87	R5-200462	0799		F	Update of 7.6A.4.1 Narrow band blocking for 2DL CA	16.3.0
2020-03	RAN#87	R5-200463	0800		F	Update of 7.8A.2.1 Wide band Intermodulation for 2DL CA	16.3.0
2020-03	RAN#87	R5-200570	0804		F	Update of NR test case 6.5.3.2-Spurious emission for UE co-existence	16.3.0
2020-03	RAN#87	R5-200640	0808		F	Update of Minimum requirements of 6.2.2 UE maximum output power reduction	16.3.0
2020-03	RAN#87	R5-200658	0810		F	Update of 6.1 common part of Tx in TS38.521-1	16.3.0
2020-03	RAN#87	R5-200659	0811		F	Core spec alignment for test case 6.3.4.3 Relative power tolerance	16.3.0
2020-03	RAN#87	R5-200664	0812		F	Correction of UL configuration for almost contiguous allocation in 6.2.2	16.3.0
2020-03	RAN#87	R5-200666	0813		F	Update measurement bandwidth references in 6.5.4	16.3.0
2020-03	RAN#87	R5-200693	0814		F	Update for 6.5.3.2 Spurious emission for UE co-existence	16.3.0
2020-03	RAN#87	R5-200700	0817		F	Removal of square brackets for DCI format for test cases in 7.6 and 7.7 of SA FR1	16.3.0
2020-03	RAN#87	R5-200721	0818		F	Addition of new Rel-16 70MHz CBW for 6.3.2 and 7.4 of SA FR1	16.3.0
2020-03	RAN#87	R5-200725	0819		F	Correction of A-SE for NS_04	16.3.0
2020-03	RAN#87	R5-200755	0823		F	Removing text from a Void clause	16.3.0
2020-03	RAN#87	R5-200757	0825		F	Correction of A_MPR test for NS_05 and NS_05U	16.3.0
2020-03	RAN#87	R5-200759	0826		F	Update of test case 6.2.3 UE A_MPR, NS_37	16.3.0
2020-03	RAN#87	R5-200761	0827		F	Update of test case 6.2.3 UE A_MPR, NS_38	16.3.0
2020-03	RAN#87	R5-200763	0828		F	Update of test case 6.2.3 UE A_MPR, NS_39	16.3.0
2020-03	RAN#87	R5-200765	0829		F	Corrections of NS_43 in 38.521-1 section 6	16.3.0
2020-03	RAN#87	R5-200767	0830		F	Corrections of NS_43U in 38.521-1 section 6	16.3.0
2020-03	RAN#87	R5-200892	0815	1	F	Update for 6.5.3.3 Additional spurious emissions	16.3.0
2020-03	RAN#87	R5-200893	0809	1	F	Core spec alignment for 7.6.3 and 7.8	16.3.0
2020-03	RAN#87	R5-200895	0787	1	F	Introduction of n95 SUL band test cases	16.3.0
2020-03	RAN#87	R5-200906	0824	1	F	Aligning A-MPR clause with TS 38.101-1 Rel-15	16.3.0
2020-03	RAN#87	R5-200907	0781	1	F	Update of TC 7.7A.1	16.3.0
2020-03	RAN#87	R5-200908	0782	1	F	Update of Clause 4 in TS 38.521-1	16.3.0
2020-03	RAN#87	R5-200909	0783	1	F	Update of clause 5 to TS 38.521-1 in R15	16.3.0
2020-03	RAN#87	R5-200922	0822	1	F	Introduction of Rel-16 spurious emissions co-existence requirements for bands n48, n65 and n95	16.3.0
2020-03	RAN#87	R5-200924	0788	1	F	Adding statistical testing condition in Annex H for CA testing	16.3.0
2020-03	RAN#87	R5-200962	0786	1	F	Corrections to TC 6.3A.3 transmit On OFF time mask for CA FR1	16.3.0
2020-03	RAN#87	R5-200971	0780	1	F	Correction of reference numbers in TS 38.521-1	16.3.0
2020-03	RAN#87	R5-200972	0793	1	F	Correction to 6.2.3 A-MPR test case	16.3.0
2020-03	RAN#87	R5-200974	0802	1	F	Update of test requirements for NR test case 6.5D.2.2 and 6.5D.2.4	16.3.0
2020-03	RAN#87	R5-200975	0803	1	F	Update of NR SUL test cases	16.3.0
2020-03	RAN#87	R5-200976	0820	1	F	Update of NR test case 6.2.4-ConfigTP	16.3.0
2020-03	RAN#87	R5-200977	0805	1	F	Update of NR test case 7.4A Maximum input level for CA	16.3.0
2020-03	RAN#87	R5-200978	0806	1	F	Update of NR test case 7.6A.2 Inband Blocking for CA	16.3.0
2020-03	RAN#87	R5-200979	0821	1	F	Cleaning up of Rx 2DL CA test cases in FR1	16.3.0
2020-03	RAN#87	R5-201054	0785	1	F	Update of R16 new bands and CBWs to TS 38.521-1 clause 5	16.3.0
2020-03	RAN#87	R5-201069	0832	1	F	Adding n65 A-MPR and Emission Requirements	16.3.0
2020-03	RAN#87	R5-201247	0790	2	F	Cleaning up of power class 2 test cases in FR1	16.3.0

2020-03	RAN#87	R5-201238	0831	1	F	Corrections of NS_18 in 38.521-1 section 6	16.3.0
2020-06	RAN#88	R5-201597	0835	-	F	Correction of 4RX Reference requirement for n77 high range in 7.3.2	16.4.0
2020-06	RAN#88	R5-201598	0836	-	F	Correction of lower limit for test ID 55 in test 6.2.3	16.4.0
2020-06	RAN#88	R5-201734	0841	-	F	Addition of NR test case 6.3C.1 Minimum output power for SUL	16.4.0
2020-06	RAN#88	R5-201735	0842	-	F	Addition of NR test case 6.3C.2 Transmit OFF power for SUL	16.4.0
2020-06	RAN#88	R5-201736	0843	-	F	Addition of NR test case 6.3C.3 Transmit ON/OFF time mask for SUL	16.4.0
2020-06	RAN#88	R5-201739	0846	-	F	Addition of NR test case 6.3C.4.3 Aggregate power tolerance for SUL	16.4.0
2020-06	RAN#88	R5-201741	0848	-	F	Update of NR test case 6.5C.3.3-Additional spurious emissions for SUL	16.4.0
2020-06	RAN#88	R5-201742	0849	-	F	Update test description of NR test case 7.6.3-Out-of-band blocking	16.4.0
2020-06	RAN#88	R5-201744	0851	-	F	Addition of NR test case 7.6C.3 Out-of-band blocking for SUL	16.4.0
2020-06	RAN#88	R5-201745	0852	-	F	Update of Annex F.3.2 and F.3.3	16.4.0
2020-06	RAN#88	R5-201749	0854	-	F	Update of NR test case 7.4A.1 Maximum input level for 2DL CA	16.4.0
2020-06	RAN#88	R5-201750	0855	-	F	Addition of NR test case 7.4A.2 Maximum input level for 3DL CA	16.4.0
2020-06	RAN#88	R5-201752	0857	-	F	Addition of NR test case 7.6A.2.2 IBB for 3DL CA	16.4.0
2020-06	RAN#88	R5-201764	0861	-	F	Adding NS_27 A_MPR and Emission Requirements for band n48	16.4.0
2020-06	RAN#88	R5-201772	0865	-	F	Adding NS_47 A_MPR and Emission Requirements for band n41	16.4.0
2020-06	RAN#88	R5-201801	0866	-	F	Update of clause 5 to TS 38.521-1 in R15	16.4.0
2020-06	RAN#88	R5-201833	0867	-	F	Update of Refsense requirements for n79	16.4.0
2020-06	RAN#88	R5-201834	0868	-	F	Correction of FR1 PUCCH EVM definition	16.4.0
2020-06	RAN#88	R5-201845	0871	-	F	Editorial correction of 6.2.1 test requirements	16.4.0
2020-06	RAN#88	R5-201847	0873	-	F	Updating 6.3.4.3 alternating sub-test	16.4.0
2020-06	RAN#88	R5-201861	0875	-	F	Addition of asymmetric BW combination set 1 of n66	16.4.0
2020-06	RAN#88	R5-201934	0877	-	F	Update of Operating bands and Channel arrangement to TS 38.521-1 for R16 CADC configurations	16.4.0
2020-06	RAN#88	R5-202034	0883	-	F	Addition of new test case 7.6A.3.2 Out-of-band blocking for CA 3DL CA R16	16.4.0
2020-06	RAN#88	R5-202035	0884	-	F	Addition of new test case 7.6A.3.3 Out-of-band blocking for CA 4DL CA R16	16.4.0
2020-06	RAN#88	R5-202036	0885	-	F	Addition of new test case 7.6A.4.2 Narrow band blocking for CA 3DL CA R16	16.4.0
2020-06	RAN#88	R5-202037	0886	-	F	Addition of new test case 7.6A.4.3 Narrow band blocking for CA 4DL CA R16	16.4.0
2020-06	RAN#88	R5-202039	0888	-	F	Addition of new test case 7.8A.2.3 Wide band Intermodulation for CA 4DL CA R16	16.4.0
2020-06	RAN#88	R5-202041	0890	-	F	Correction of test procedure and some typos in 7.6A.4.1 Narrow band blocking for CA 2DL CA R16	16.4.0
2020-06	RAN#88	R5-202042	0891	-	F	Correction of test procedure and test requirement in 7.8A.2.1 R16	16.4.0
2020-06	RAN#88	R5-202109	0893	-	F	Correction to n70 asymmetric test points in Rx tests	16.4.0
2020-06	RAN#88	R5-202217	0899	-	F	Corrections on transmitter power for CA in 38.521-1	16.4.0
2020-06	RAN#88	R5-202422	0906	-	F	Update F.1.2 with Relative Uplink power measurement uncertainty as 6.3.4.3	16.4.0
2020-06	RAN#88	R5-202430	0909	-	F	Add Reference sensitivity requirement for n48	16.4.0
2020-06	RAN#88	R5-202484	0913	-	F	Update of Reference sensitivity power level for R16 new CBW of n1	16.4.0
2020-06	RAN#88	R5-202503	0914	-	F	CR on EVM Window Centre Timing Definition in FR1	16.4.0
2020-06	RAN#88	R5-202710	0840	1	F	Update of NR test case 6.2A.3 AMPR for CA	16.4.0
2020-06	RAN#88	R5-202711	0844	1	F	Addition of NR test case 6.3C.4.1-Absolute power tolerance for SUL	16.4.0
2020-06	RAN#88	R5-202712	0845	1	F	Addition of NR test case 6.3C.4.2 Power Control Relative power tolerance for SUL	16.4.0
2020-06	RAN#88	R5-202713	0847	1	F	Update of NR test case 6.5.2.4 ACLR	16.4.0
2020-06	RAN#88	R5-202714	0864	1	F	Update of test case 6.2.3 UE A_MPR, NS_42	16.4.0

2020-06	RAN#88	R5-202715	0905	1	F	Update Uplink power control window size for SA TX TCs	16.4.0
2020-06	RAN#88	R5-202716	0910	1	F	Update for 6.5.3.1 General spurious emissions	16.4.0
2020-06	RAN#88	R5-202717	0850	1	F	Addition of NR test case 7.6C.2-Inband Blocking for SUL	16.4.0
2020-06	RAN#88	R5-202718	0902	1	F	Update of UL configuration in REFSSENS	16.4.0
2020-06	RAN#88	R5-202719	0903	1	F	Diversity Characteristics requirements alignment	16.4.0
2020-06	RAN#88	R5-202765	0880	1	F	Updates to test case 6.5.2.2, Spectrum Emission Mask	16.4.0
2020-06	RAN#88	R5-202781	0859	1	F	Adding several new 2CA and 3CA combinations to 7.3A and corrections to 7.3A.1	16.4.0
2020-06	RAN#88	R5-202783	0881	1	F	Adding REFSSENS requirements for 30 MHz channel bandwidth in band n41	16.4.0
2020-06	RAN#88	R5-202791	0869	1	F	Update of general clause 7.1	16.4.0
2020-06	RAN#88	R5-202807	0904	1	F	Receiver characteristics testing update to 38.521-1	16.4.0
2020-06	RAN#88	R5-202821	0862	1	F	Update of test case 6.2.3 UE A_MPR, NS_40	16.4.0
2020-06	RAN#88	R5-202822	0863	1	F	Update of test case 6.2.3 UE A_MPR, NS_41	16.4.0
2020-06	RAN#88	R5-202823	0908	1	F	Update for 6.5.3.3 Additional spurious emissions	16.4.0
2020-06	RAN#88	R5-202860	0912	1	F	Update of Spurious emission for UE co-existence for CA_n1-n78	16.4.0
2020-06	RAN#88	R5-202886	0860	1	F	Aligning A-MPR clause with TS 38.101-1 Rel-15	16.4.0
2020-06	RAN#88	R5-202887	0894	1	F	NS_05 corrections related to n65	16.4.0
2020-06	RAN#88	R5-202888	0896	1	F	Corrections on network signalling value abbreviation in 38.521-1	16.4.0
2020-06	RAN#88	R5-202889	0897	1	F	Corrections on NS signalling label for band n39 in 38.521-1	16.4.0
2020-06	RAN#88	R5-202890	0900	1	F	Correction on txDirectCurrentLocation in FR1 SA tests	16.4.0
2020-06	RAN#88	R5-202891	0911	1	F	Updated MOP UL MIMO test case to include steps for per port testing	16.4.0
2020-06	RAN#88	R5-202892	0834	1	F	Correction and clarifications of default DL physical channels power in annex C	16.4.0
2020-06	RAN#88	R5-202927	0876	1	F	Update of Operating bands and Channel arrangement to TS 38.521-1 for R16 new bands and CBWs	16.4.0
2020-06	RAN#88	R5-202928	0856	1	F	Update for NR test case 7.6A.2.1 Inband Blocking for 2DL CA	16.4.0
2020-06	RAN#88	R5-202929	0887	1	F	Addition of new test case 7.8A.2.2 Wide band Intermodulation for CA 3DL CA R16	16.4.0
2020-06	RAN#88	R5-202930	0889	1	F	Correction of CW interference setting for OOB Inter-band 2DL CA in TC 7.6A.3.1 R16	16.4.0
2020-06	RAN#88	R5-202931	0892	1	F	Alignment of minimum conformance requirements in 7.6A.3.0 and 7.8A.2.0 with core spec R16	16.4.0
2020-06	RAN#88	R5-202940	0879	1	F	Updates to test case 6.5.2.4.1, NR ACLR	16.4.0
2020-06	RAN#88	R5-202941	0870	1	F	Skipping 2Rx testing on bands where UE support 4Rx for SA test cases	16.4.0
2020-06	RAN#88	R5-202942	0901	1	F	Re-organization of CA refsens test cases	16.4.0
2020-06	RAN#88	R5-202957	0853	1	F	Update of NR test case 6.2.2 UE maximum output power reduction	16.4.0
2020-09	RAN#89	R5-203260	0917	-	F	Adding NS_47 to Additional spurious emissions test case	16.5.0
2020-09	RAN#89	R5-203261	0918	-	F	Adding UL MIMO additional spurious emissions test for NS_47	16.5.0
2020-09	RAN#89	R5-203290	0926	-	F	Clarification of Interferer frequency selection in FR1 IBB test case 7.6.2	16.5.0
2020-09	RAN#89	R5-203291	0927	-	F	Correction of K1 to achieve PUCCH Format 3 in FDD in EVM and in-band emission	16.5.0
2020-09	RAN#89	R5-203572	0932	-	F	Corrected test config for NS_24 in additional spurious emission test 6.5.3.3	16.5.0
2020-09	RAN#89	R5-203678	0935	-	F	Adding MU and TTs for Inter-band UL CA test cases	16.5.0
2020-09	RAN#89	R5-203679	0936	-	F	Updating message content in SUL test cases	16.5.0
2020-09	RAN#89	R5-203682	0937	-	F	Updating test case 6.5A.2.4.1-NR ACLR for CA	16.5.0
2020-09	RAN#89	R5-203687	0939	-	F	Updating channel configurations for Intra-band UL contiguous CA	16.5.0
2020-09	RAN#89	R5-203688	0940	-	F	Updating intra-band CA UL and DL configurations	16.5.0
2020-09	RAN#89	R5-203689	0941	-	F	Adding MU and TTs for Intra-band UL CA test cases	16.5.0
2020-09	RAN#89	R5-203690	0942	-	F	Introduce general requirement for UL CA test cases	16.5.0
2020-09	RAN#89	R5-203691	0943	-	F	Updating NR test case 6.2A.1- MOP for CA	16.5.0
2020-09	RAN#89	R5-203696	0946	-	F	Addition of general clause 7.1A	16.5.0
2020-09	RAN#89	R5-203697	0947	-	F	Updating REFSSENS minimum requirements for Intra-band non-contiguous CA	16.5.0
2020-09	RAN#89	R5-203698	0948	-	F	Update of 7.4A.2-Maximum input level for 3DL CA	16.5.0

2020-09	RAN#89	R5-203700	0950	-	F	Update of test case 7.6A.2-Inband blocking for CA	16.5.0
2020-09	RAN#89	R5-203701	0951	-	F	Update of test case 7.6A.2.2 Inband blocking for 3DL CA	16.5.0
2020-09	RAN#89	R5-203735	0956	-	F	Add intra-band contiguous CA to 6.3A.2	16.5.0
2020-09	RAN#89	R5-203748	0958	-	F	Change of RB allocation start for test case 6.3.4.3	16.5.0
2020-09	RAN#89	R5-203777	0960	-	F	Update of NR test case 6.2.1 UE MOP for n30	16.5.0
2020-09	RAN#89	R5-203778	0961	-	F	Update of NR test case 6.2.2 UE MPR for n30	16.5.0
2020-09	RAN#89	R5-203780	0962	-	F	Update of NR test case 6.2D.1 UE MOP for UL MIMO for n30	16.5.0
2020-09	RAN#89	R5-203783	0964	-	F	Update of NR test case 6.5.3.2 Spurious Emissions for UE Co-Ex for n30	16.5.0
2020-09	RAN#89	R5-203786	0965	-	F	Update of NR test case 7.3 UE Ref Sens for n30	16.5.0
2020-09	RAN#89	R5-203788	0967	-	F	Update of NR test case 7.6.3 UE OBB for n30	16.5.0
2020-09	RAN#89	R5-203789	0968	-	F	Update of NR test case 7.6.4 UE NBB for n30	16.5.0
2020-09	RAN#89	R5-203879	0972	-	F	Correction of diversity characteristics requirement in section 7.2	16.5.0
2020-09	RAN#89	R5-203880	0973	-	F	Correction of UE mean power requirements Table numbers in SEM and ACLR test cases for SA FR1	16.5.0
2020-09	RAN#89	R5-203881	0974	-	F	Adding NOTES to the test requirement tables in 6.2D.2	16.5.0
2020-09	RAN#89	R5-203885	0978	-	F	Correction of test requirement for 6.2.1	16.5.0
2020-09	RAN#89	R5-203967	0983	-	F	Editorial correction of 6.2.4	16.5.0
2020-09	RAN#89	R5-204010	0986	-	F	Correction to target power level Pmin for SA UL MIMO TCs	16.5.0
2020-09	RAN#89	R5-204035	0987	-	F	Updating NR test case 7.6A.3 for n48	16.5.0
2020-09	RAN#89	R5-204040	0989	-	F	Update of NR test case 7.7A Spurious response for CA	16.5.0
2020-09	RAN#89	R5-204054	0990	-	F	Correction to test Configuration of flatness for Pi/2 BPSK	16.5.0
2020-09	RAN#89	R5-204103	0991	-	F	Correction of QPSK UL RMC	16.5.0
2020-09	RAN#89	R5-204195	0996	-	F	Update 6.5.3.2 Spurious emission for UE co-existence	16.5.0
2020-09	RAN#89	R5-204202	0997	-	F	Update for 7.3A.0 Minimum conformance requirements for CA	16.5.0
2020-09	RAN#89	R5-204263	1001	-	F	Update of CSI-RS definition for DL RMCs in TS 38.521-1	16.5.0
2020-09	RAN#89	R5-204711	0933	1	F	Updating 6.2A.3-AMPR for CA for NS_43 and NS_01,NS_43U and NS_01	16.5.0
2020-09	RAN#89	R5-204760	0934	1	F	Cleaning up of Tx inter-band CA test cases	16.5.0
2020-09	RAN#89	R5-204761	1000	1	F	Editorial correction to FR1 co-existence requirements	16.5.0
2020-09	RAN#89	R5-204762	0923	1	F	Update of clause5 into TS 38.521-1 R15	16.5.0
2020-09	RAN#89	R5-204807	0993	1	F	Update of UE co-existence for CA_n1-n78	16.5.0
2020-09	RAN#89	R5-204808	0925	1	F	Update of R16 CADC combos in TS 38.521-1	16.5.0
2020-09	RAN#89	R5-204823	0916	1	F	Correction of test frequencies for NS_47	16.5.0
2020-09	RAN#89	R5-204824	0919	1	F	Adding band n48 to maximum output power and maximum output power reduction tests	16.5.0
2020-09	RAN#89	R5-204825	0984	1	F	Addition of 25MHz for NR band n1	16.5.0
2020-09	RAN#89	R5-204826	0985	1	F	Addition of AMPR NS_48 for NR band n1	16.5.0
2020-09	RAN#89	R5-204827	0992	1	F	Addition of n1 R16 new CBW into 38.521-1 Refsense test	16.5.0
2020-09	RAN#89	R5-204828	0924	1	F	Update of R16 new bands and CBWs in 38.521-1	16.5.0
2020-09	RAN#89	R5-204832	0952	1	F	Introduce of new TC 6.3A.4.1	16.5.0
2020-09	RAN#89	R5-204833	0953	1	F	Introduce of new TC 6.3A.4.2	16.5.0
2020-09	RAN#89	R5-204834	0954	1	F	Introduce of new TC 6.3A.4.3	16.5.0
2020-09	RAN#89	R5-204835	0955	1	F	Add intra-band contiguous CA to 6.3A.1	16.5.0
2020-09	RAN#89	R5-204836	0957	1	F	Add intra-band contiguous CA to 6.3A.3	16.5.0
2020-09	RAN#89	R5-204837	0949	1	F	Adding band n48 for Blocking characteristics testing	16.5.0
2020-09	RAN#89	R5-204839	0995	1	F	Updated to FR1 general clauses for NRSL eV2X	16.5.0
2020-09	RAN#89	R5-204854	0959	1	F	Correct UE output power configuration to some UL MIMO cases	16.5.0
2020-09	RAN#89	R5-204855	0969	1	F	Removal of editor's note about missing of Rel-15 In-gap OOB blocking requirement in RAN4 spec	16.5.0
2020-09	RAN#89	R5-204897	0929	1	F	Update to 7.5A.2 ACS for 3DL CA	16.5.0
2020-09	RAN#89	R5-204898	0988	1	F	Update of NR test case 7.5A Adjacent Channel selectivity for CA	16.5.0
2020-09	RAN#89	R5-204905	0975	1	F	Correction of 6.2D.1 and Test applicability of 6.5.2.4.2	16.5.0
2020-09	RAN#89	R5-204906	0976	1	F	Correction of test requirement for 6.2.4	16.5.0
2020-09	RAN#89	R5-204907	0977	1	F	Addition of test procedure and test requirement for PC2 fallback to PC3 for network signalling value NS_04	16.5.0
2020-09	RAN#89	R5-204908	0979	1	F	Adding additional tolerance to test requirement of 6.2.1, 6.2.2, 6.2.3 and 6.2.4	16.5.0
2020-09	RAN#89	R5-204909	0980	1	F	Update of 6.2.3 for minimum conformance requirements for A-MPR	16.5.0

2020-09	RAN#89	R5-204910	0970	1	F	Alignment of requirements in 7.6.3 and 7.6A.3 with the core spec	16.5.0
2020-09	RAN#89	R5-204911	0971	1	F	Removal of SDL bands from single carrier Rx TCs 7.6.2, 7.6.3 and 7.6.4	16.5.0
2020-09	RAN#89	R5-204912	0981	1	F	Update of SA Rx test cases for 4Rx UEs	16.5.0
2020-09	RAN#89	R5-204913	0998	1	F	Update Uplink power control window size for SA RX TCs	16.5.0
2020-09	RAN#89	R5-204960	0928	1	F	Addition of test cases for n28 with CBW of 30MHz	16.5.0
2020-09	RAN#89	R5-204961	0922	1	F	n26 Rx requirements in 38.521-1	16.5.0
2020-09	RAN#89	R5-204962	0966	1	F	Update of NR test case 7.6.2 UE IBB for n30	16.5.0
2020-09	RAN#89	R5-204974	0945	1	F	Updating of NR test case 6.2A.4-Configured output power for CA	16.5.0
2020-09	RAN#89	R5-204980	0930	2	F	Corrections and additions to 7.3A	16.5.0
2020-09	RAN#89	R5-204981	0931	2	F	Completing 3CA Rx cases 7.5A.2 and 7.7A.2	16.5.0
2020-09	RAN#89	R5-204984	0944	1	F	Update of NR test case 6.2A.2-MPR for CA	16.5.0
2020-09	RAN#89	RP-201670	1002	-	F	Adding FR1 PDCCH Aggregation Level in Annex C.3	16.5.0
2020-12	RAN#90	R5-205252	1005	-	F	Adding NR Band n53 to UE maximum output power and MPR test cases	16.6.0
2020-12	RAN#90	R5-205254	1007	-	F	Adding NR Band n53 into Spurious emission for UE co-existence	16.6.0
2020-12	RAN#90	R5-205299	1011	-	F	Update of clause 5 in TS 38.521-1 R15	16.6.0
2020-12	RAN#90	R5-205490	1014	-	F	Update of Reference sensitivity power level for R16 new CBW of n3	16.6.0
2020-12	RAN#90	R5-205493	1015	-	F	Correction of diversity characteristics requirement in section 7.2	16.6.0
2020-12	RAN#90	R5-205494	1016	-	F	Correction of minimum conformance requirements and test requirement for narrow band blocking for Intra-band contiguous CA	16.6.0
2020-12	RAN#90	R5-205495	1017	-	F	Correction of Allocated slots per Frame for DL reference measurement channels	16.6.0
2020-12	RAN#90	R5-205535	1018	-	F	Correcting RB start for test case 6.3C.4.2	16.6.0
2020-12	RAN#90	R5-205537	1019	-	F	Update of NR test case 6.2.1 UE MOP for n14	16.6.0
2020-12	RAN#90	R5-205550	1023	-	F	Update of NR test case 7.3 UE Ref Sens for n14	16.6.0
2020-12	RAN#90	R5-205551	1024	-	F	Update of NR test case 7.6.2 UE IBB for n14	16.6.0
2020-12	RAN#90	R5-205552	1025	-	F	Update of NR test case 7.6.3 UE OBB for n14	16.6.0
2020-12	RAN#90	R5-205553	1026	-	F	Update of NR test case 7.6.4 UE NBB for n14	16.6.0
2020-12	RAN#90	R5-205557	1028	-	F	Updating abbreviation list	16.6.0
2020-12	RAN#90	R5-205569	1031	-	F	Adding 30 MHz channel bandwidth to test requirements for UL MIMO Spurious	16.6.0
2020-12	RAN#90	R5-205574	1032	-	F	Co-existence Table corrections related to n65	16.6.0
2020-12	RAN#90	R5-205700	1043	-	F	Addition of V2X reference measurement channels	16.6.0
2020-12	RAN#90	R5-205731	1045	-	F	Introduce General requirement for CA configurations	16.6.0
2020-12	RAN#90	R5-205732	1046	-	F	Adding RB allocation for channel BW 70MHz	16.6.0
2020-12	RAN#90	R5-205733	1047	-	F	Updating test configuration tables for intra-band UL CA test cases	16.6.0
2020-12	RAN#90	R5-205734	1048	-	F	Updating NR test case MOP for MIMO for several NR bands	16.6.0
2020-12	RAN#90	R5-205735	1049	-	F	Updating NR test case MPR for MIMO for several NR bands	16.6.0
2020-12	RAN#90	R5-205736	1050	-	F	Updating minimum requirement for OBW for inter-band CA	16.6.0
2020-12	RAN#90	R5-205737	1051	-	F	Update OBW testing for intra-band UL CA	16.6.0
2020-12	RAN#90	R5-205743	1055	-	F	Updating NR test case 7.4A.2-Maximum input level for 3 DL CA	16.6.0
2020-12	RAN#90	R5-205745	1056	-	F	Updating NR test case 7.5A.2- Adjacent channel selectivity for 3DL CA	16.6.0
2020-12	RAN#90	R5-205746	1057	-	F	Updating NR test case 7.6A.2.2- In-band Blocking for 3DL CA	16.6.0
2020-12	RAN#90	R5-205748	1058	-	F	Updating Narrow band blocking for CA for band n48	16.6.0
2020-12	RAN#90	R5-205790	1061	-	F	Removing the highest SCS from test configuration for Tx spurious emissions for UL MIMO	16.6.0
2020-12	RAN#90	R5-205791	1062	-	F	Update of MPR for PC3 half Pi BPSK DMRS in 6.2.2	16.6.0
2020-12	RAN#90	R5-205796	1066	-	F	Update of MOP for UL MIMO with ULFP Tx in 6.2D.1	16.6.0
2020-12	RAN#90	R5-205799	1068	-	F	Addition of new test case 6.5D.3_1.2 UE co-existence spurious emissions for Rel-16 UL MIMO	16.6.0
2020-12	RAN#90	R5-205800	1069	-	F	Addition of new test case 6.5D.3_1.3 additional spurious emissions for Rel-16 UL MIMO	16.6.0

2020-12	RAN#90	R5-205852	1070	-	F	Correction of RAR timing for PRACH TC 6.3.3.4 and EVM TC 6.4.2.1	16.6.0
2020-12	RAN#90	R5-205872	1073	-	F	Editorial correction to minimum requirements of REFSENS for CA	16.6.0
2020-12	RAN#90	R5-205879	1075	-	F	Update of Rx test cases to add 40MHz for NR band n38	16.6.0
2020-12	RAN#90	R5-205882	1076	-	F	Update of A-MPR for NS_18	16.6.0
2020-12	RAN#90	R5-206022	1082	-	F	Update of 6.3.1 for UE minimum output power test	16.6.0
2020-12	RAN#90	R5-206088	1088	-	F	Correction to ASEM for NS_27	16.6.0
2020-12	RAN#90	R5-206160	1102	-	F	Correction of Test Message Table 6.3.3.4.4.3-2 in section 6.3.3.4	16.6.0
2020-12	RAN#90	R5-206638	1071	1	F	Handling of delta Tib for UE supporting multiple band combinations	16.6.0
2020-12	RAN#90	R5-206639	1077	1	F	Update of A-MPR for NS_46	16.6.0
2020-12	RAN#90	R5-206640	1090	1	F	Update for 6.5.3.2 Spurious emission for UE co-existence	16.6.0
2020-12	RAN#90	R5-206641	1092	1	F	Correction for 6.3.3.6 SRS time mask	16.6.0
2020-12	RAN#90	R5-206642	1098	1	F	Correction to spurious co-existence requirements for n28 and n83	16.6.0
2020-12	RAN#90	R5-206643	1044	1	F	CR to update DMRS position in UL RMC for FR1	16.6.0
2020-12	RAN#90	R5-206718	1037	1	F	Addition of UL CA combinations to maximum output power for Inter-band CA	16.6.0
2020-12	RAN#90	R5-206719	1035	1	F	Update of 7.5A.3 Adjacent channel selectivity for 4DL CA	16.6.0
2020-12	RAN#90	R5-206740	1006	1	F	Adding NR Band n53 to UE additional maximum output power reduction test cases	16.6.0
2020-12	RAN#90	R5-206741	1008	1	F	Adding NS_45 to Additional spurious emissions test case for NR Band n53	16.6.0
2020-12	RAN#90	R5-206742	1020	1	F	Update of NR test case 6.2.2 UE MPR for n14	16.6.0
2020-12	RAN#90	R5-206743	1021	1	F	Update of NR test case 6.2.3 UE A-MPR for n14	16.6.0
2020-12	RAN#90	R5-206744	1022	1	F	Update of NR test case 6.5.3.2 Spurious Emissions for UE Co-Ex for n14	16.6.0
2020-12	RAN#90	R5-206745	1029	1	F	Adding A-MPR test for band n30 with NS_21	16.6.0
2020-12	RAN#90	R5-206746	1030	1	F	Adding additional Spectrum emission test for band n30 with NS_21	16.6.0
2020-12	RAN#90	R5-206747	1041	1	F	Update of NR test case 6.5.2.3 Additional Spectrum Emission Mask for n30	16.6.0
2020-12	RAN#90	R5-206748	1074	1	F	Update of Tx test cases to add 40MHz for NR band n38	16.6.0
2020-12	RAN#90	R5-206749	1080	1	F	Correction of 6.3.2 for UE transmit OFF power test	16.6.0
2020-12	RAN#90	R5-206750	1096	1	F	Adding n26 Tx requirements	16.6.0
2020-12	RAN#90	R5-206751	1009	1	F	Adding NR Band n53 Receiver requirements	16.6.0
2020-12	RAN#90	R5-206761	1010	1	F	Update of Test case 6.3A.4.1	16.6.0
2020-12	RAN#90	R5-206762	1034	1	F	Update of Test case 6.3A.4.3	16.6.0
2020-12	RAN#90	R5-206763	1059	1	F	Updating NR test case 7.8A.2.2-Wide band Intermodulation for 3DL CA	16.6.0
2020-12	RAN#90	R5-206764	1078	1	F	Addition of 6.2E.1.1 V2X MOP for non-concurrent	16.6.0
2020-12	RAN#90	R5-206765	1079	1	F	Addition of 7.3E.2 V2X REFSENS for non-concurrent	16.6.0
2020-12	RAN#90	R5-206766	1063	1	F	Update of SEM for PC3 half Pi BPSK DMRS in 6.5.2.2	16.6.0
2020-12	RAN#90	R5-206767	1064	1	F	Update of NR ACLR for PC3 half Pi BPSK DMRS in 6.5.2.4.1	16.6.0
2020-12	RAN#90	R5-206768	1067	1	F	Addition of new test case 6.5D.3_1.1 general spurious emissions for Rel-16 UL MIMO	16.6.0
2020-12	RAN#90	R5-206863	1060	1	F	Update of signalling configuration for almost contiguous allocation across clause 6	16.6.0
2020-12	RAN#90	R5-206864	1053	1	F	Updating NR test case REFSENS for 2DL CA	16.6.0
2020-12	RAN#90	R5-206879	1036	1	F	Addition of 2UL CA exception to reference sensitivity test case	16.6.0
2020-12	RAN#90	R5-206880	1039	1	F	Update of Refsense test case for CA_n1A-n78A into 38.521-1	16.6.0
2020-12	RAN#90	R5-206881	1040	1	F	Update of Refsense test case for CA_n1A-n77A into 38.521-1	16.6.0
2020-12	RAN#90	R5-206882	1042	1	F	Update of R16 CADC configurations into 38.521-1 clause 5	16.6.0
2020-12	RAN#90	R5-206888	1089	1	F	Update for 6.5D.3.3 Additional spurious emissions for UL MIMO	16.6.0
2020-12	RAN#90	R5-206889	1094	1	F	Update for 6.5.3.3 Additional spurious emission	16.6.0
2020-12	RAN#90	R5-206890	1012	1	F	Update of R16 new band and CBWs into TS 38.521-1 clause 5	16.6.0
2020-12	RAN#90	R5-206891	1033	1	F	Update of Test case 6.3A.4.2	16.6.0

2020-12	RAN#90	R5-206892	1054	1	F	Updating NR test case REFSENS for 3DL CA	16.6.0
2020-12	RAN#90	R5-206894	1027	1	F	Addition of test case 6.5D.1_1, Occupied bandwidth for UL MIMO (Rel-16 onward)	16.6.0
2020-12	RAN#90	R5-206901	1093	1	F	Update for 6.5A.3.2 Spurious emission for UE co-existence	16.6.0
2020-12	RAN#90	R5-206912	1091	1	F	Update for 6.5A.3.1 General spurious emissions for CA	16.6.0
2021-03	RAN#91	R5-210169	1106	-	F	Addition of TC 7.3A.0.3.2.4 RIB,c for four bands	16.7.0
2021-03	RAN#91	R5-210170	1107	-	F	Update of TC 7.7A.3	16.7.0
2021-03	RAN#91	R5-210290	1108	-	F	Clarification of uplink power measurement uncertainty in test case 6.3.4.3	16.7.0
2021-03	RAN#91	R5-210291	1109	-	F	Message exceptions definition in test case 6.2.2	16.7.0
2021-03	RAN#91	R5-210384	1114	-	F	Add TT to power control for UL CA	16.7.0
2021-03	RAN#91	R5-210385	1115	-	F	Update MU/TT on power control for UL CA	16.7.0
2021-03	RAN#91	R5-210419	1116	-	F	Addition of new test case 6.4E.2.2.1 Error Vector Magnitude for V2X for non-concurrent operation	16.7.0
2021-03	RAN#91	R5-210423	1118	-	F	Addition of 6.5E.2.2.1D	16.7.0
2021-03	RAN#91	R5-210424	1119	-	F	Addition of 6.5E.2.3.1	16.7.0
2021-03	RAN#91	R5-210425	1120	-	F	Addition of 6.5E.2.3.1D	16.7.0
2021-03	RAN#91	R5-210426	1121	-	F	Addition of 6.5E.2.4.1	16.7.0
2021-03	RAN#91	R5-210427	1122	-	F	Addition of 6.5E.2.4.1D	16.7.0
2021-03	RAN#91	R5-210428	1123	-	F	Addition of 6.5E.3.2.1	16.7.0
2021-03	RAN#91	R5-210429	1124	-	F	Addition of 6.5E.3.2.1D	16.7.0
2021-03	RAN#91	R5-210485	1125	-	F	Correction of test purpose for 6.3.2 and 6.3D.2	16.7.0
2021-03	RAN#91	R5-210487	1127	-	F	Editorial correction for error in Table 7.6.4.4.1-1	16.7.0
2021-03	RAN#91	R5-210539	1129	-	F	Introduction 4CA Reference Sensitivity test 7.3A.3	16.7.0
2021-03	RAN#91	R5-210540	1130	-	F	Introduction 4CA Maximum Input Level test 7.4A.3	16.7.0
2021-03	RAN#91	R5-210541	1131	-	F	Introduction 4CA In-Band Blocking test 7.6A.2.3	16.7.0
2021-03	RAN#91	R5-210723	1133	-	F	Omitting of FR1 Rx cases with UL-MIMO on TDD bands	16.7.0
2021-03	RAN#91	R5-210782	1136	-	F	Update of A-MPR minimum requirements for Rel-16 DMRS	16.7.0
2021-03	RAN#91	R5-210787	1139	-	F	Adding additional TP for half Pi BPSK DMRS to SEM test case for SUL	16.7.0
2021-03	RAN#91	R5-210788	1140	-	F	Adding additional TP for half Pi BPSK DMRS to NR ACLR test case for SUL	16.7.0
2021-03	RAN#91	R5-210793	1142	-	F	Update of the test configuration for carrier leakage for SUL	16.7.0
2021-03	RAN#91	R5-210899	1146	-	F	Removal of the highest SCS from test configuration for Tx spurious emissions for CA	16.7.0
2021-03	RAN#91	R5-210902	1147	-	F	Updating test case 7.3A.1_1 for 4Rx test requirements	16.7.0
2021-03	RAN#91	R5-210903	1148	-	F	Editorial correction to clause 7.3.1	16.7.0
2021-03	RAN#91	R5-210906	1150	-	F	Updating A-SEM for MIMO testing for NS_04	16.7.0
2021-03	RAN#91	R5-210908	1152	-	F	Updating test applicability of test case 6.5D.2.4.2-UTRA ACLR for UL MIMO	16.7.0
2021-03	RAN#91	R5-210911	1154	-	F	Correction to test configuration table Test IDs for test case 6.5D.3.3	16.7.0
2021-03	RAN#91	R5-210912	1155	-	F	Correction to test case 6.2.3 AMPR for NS_24	16.7.0
2021-03	RAN#91	R5-210918	1160	-	F	Updating MOP and MPR for MIMO testing for several NR bands	16.7.0
2021-03	RAN#91	R5-210919	1161	-	F	Updating 6.5A.3.1.0 for intra-band CA	16.7.0
2021-03	RAN#91	R5-210920	1162	-	F	Updating test requirement of CA test cases for CA configurations including n90	16.7.0
2021-03	RAN#91	R5-210922	1164	-	F	Updating test case 7.6A.4 for band n48	16.7.0
2021-03	RAN#91	R5-210991	1174	-	F	Update for 7.3.2 Reference sensitivity power level	16.7.0
2021-03	RAN#91	R5-210995	1175	-	F	Update for 6.5.3.2 Spurious emission for UE co-existence_R15	16.7.0
2021-03	RAN#91	R5-210996	1176	-	F	Addition of test case 6.5D.2_1.4.2, UTRA ACLR for UL MIMO (Rel-16 onward)	16.7.0
2021-03	RAN#91	R5-211008	1178	-	F	Update of CA_n1A-n78C into 3DL CA Refsense TC 7.3A.2	16.7.0
2021-03	RAN#91	R5-211026	1180	-	F	Update of CA_n1A-n78C into 3DL CA maximum input level TC 7.4A.2	16.7.0
2021-03	RAN#91	R5-211037	1181	-	F	Addition of minimum requirement for intra-band UL CA in the test case 6.4A.2	16.7.0
2021-03	RAN#91	R5-211040	1182	-	F	Addition of 70M into 38.521-1 TC6.3A.1	16.7.0
2021-03	RAN#91	R5-211041	1183	-	F	Addition of 70M into 38.521-1 TC6.3D	16.7.0
2021-03	RAN#91	R5-211048	1185	-	F	Correction to test tolerance for FR1 blocking tests	16.7.0
2021-03	RAN#91	R5-211092	1186	-	F	Test ID separation to powerBoostPiBPSK 1 and 0 in Table 6.5.2.2.4.1-1	16.7.0



2021-03	RAN#91	R5-211109	1187	-	F	Corrections to subclauses in 38.521-1 with appropriate subclause level and heading styles	16.7.0
2021-03	RAN#91	R5-211113	1188	-	F	Corrections to reference figures for transmission bandwidth in FR1	16.7.0
2021-03	RAN#91	R5-211133	1189	-	F	Addition of ULFPtx in MPR test case	16.7.0
2021-03	RAN#91	R5-211176	1191	-	F	Reference to measurement BW corrected in 6.5D.4 TX intermodulation test case	16.7.0
2021-03	RAN#91	R5-211274	1195	-	F	Updating 6.5A.3.2 for CA_n1A-n79A	16.7.0
2021-03	RAN#91	R5-211613	1184	1	F	Spurious emissions for UE co-existence update to core specs	16.7.0
2021-03	RAN#91	R5-211657	1192	1	F	PC1 and PC3 Updates for Band n14	16.7.0
2021-03	RAN#91	R5-211676	1110	1	F	Clarifications for ON/OFF time mask for UL MIMO test case	16.7.0
2021-03	RAN#91	R5-211677	1126	1	F	Correction of test frequencies for NR band n28 30MHz test channel bandwidth of CA SUL and UL MIMO test cases in section 6	16.7.0
2021-03	RAN#91	R5-211678	1151	1	F	Updating AMPR for MIMO test case for NS_35	16.7.0
2021-03	RAN#91	R5-211679	1153	1	F	Correction to RB allocation start for test case 6.3D.4.2	16.7.0
2021-03	RAN#91	R5-211680	1128	1	F	Correction of test frequencies for NR band n28 30MHz test channel bandwidth of CA SUL and UL MIMO test cases in section 7	16.7.0
2021-03	RAN#91	R5-211681	1149	1	F	Updating test case 7.3C.2-Reference sensitivity power level for SUL	16.7.0
2021-03	RAN#91	R5-211682	1143	1	F	Update of clause 5 to R15 TS 38.521-1	16.7.0
2021-03	RAN#91	R5-211764	1113	1	F	Update of 7.5A.3 Adjacent channel selectivity for 4DL CA	16.7.0
2021-03	RAN#91	R5-211765	1144	1	F	Update of R16 CADC configurations into TS38.521-1 clause 5	16.7.0
2021-03	RAN#91	R5-211786	1134	1	F	Correction of test points for NS_48	16.7.0
2021-03	RAN#91	R5-211787	1135	1	F	Addition of A-MPR test for NS_49	16.7.0
2021-03	RAN#91	R5-211788	1177	1	F	Update for 6.5.3.2 Spurious emission for UE co-existence_R16	16.7.0
2021-03	RAN#91	R5-211804	1172	1	F	Updating Editors Note in 6.2A.2 and 6.2A.4 for intra-band UL CA	16.7.0
2021-03	RAN#91	R5-211805	1159	1	F	Updating general requirements for intra-band non-contiguous CA	16.7.0
2021-03	RAN#91	R5-211806	1117	1	F	Addition of 6.5E.2.2.1	16.7.0
2021-03	RAN#91	R5-211807	1137	1	F	Adding test point for Rel-16 DMRS in EVM equalizer spectrum flatness test case	16.7.0
2021-03	RAN#91	R5-211808	1141	1	F	Addition of new test case 6.4C.2.5 EVM equalizer spectrum flatness for half Pi BPSK DMRS for SUL	16.7.0
2021-03	RAN#91	R5-211911	1165	1	F	Adding NR test case-Time mask for Uplink carriers switching	16.7.0
2021-03	RAN#91	R5-211912	1166	1	F	Adding MU and TT for Uplink carriers switching testing	16.7.0
2021-03	RAN#91	R5-211915	1138	1	F	Adding additional TP for half Pi BPSK DMRS to MPR test case for SUL	16.7.0
2021-03	RAN#91	R5-210804	1145	-	F	Update of R17 CADC configurations into TS38.521-1 clause 5	17.0.0
2021-03	RAN#91	R5-210932	1169	-	F	Updating Additional spurious emissions testing for SUL band n83 and n84	17.0.0
2021-03	RAN#91	R5-210933	1170	-	F	Updating clause 6.2C.2 for Rel-17 SUL combinations	17.0.0
2021-03	RAN#91	R5-210934	1171	-	F	Updating REFSSENS for SUL for new R17 configurations	17.0.0
2021-03	RAN#91	R5-211174	1190	-	F	Addition of R17 new CBWs into 38.521-1 clause 5	17.0.0
2021-03	RAN#91	R5-211837	1167	1	F	Updating MPR testing for SUL band n83	17.0.0
2021-03	RAN#91	R5-211838	1168	1	F	Updating AMPR testing for SUL band n83 and n84	17.0.0
2021-06	RAN#92	R5-212029	1198	-	F	Updating clause 6.2C.2 for Rel-17 SUL combinations	17.1.0
2021-06	RAN#92	R5-212168	1201	-	F	Removal of technical content in 38.521-1 v16.7.0 and substitution with pointer to the next Release	17.1.0
2021-06	RAN#92	R5-212340	1216	-	F	Typos in references of clause 6.5.3.2	17.1.0
2021-06	RAN#92	R5-212619	1218	-	F	Correction to A-MPR test ID for NS_24 in TC6.2.3	17.1.0
2021-06	RAN#92	R5-212668	1220	-	F	Correction of A-MPR test requirements for NS_04 band n41	17.1.0
2021-06	RAN#92	R5-212671	1222	-	F	Addition of A-MPR test requirements for NS_03 band n70	17.1.0
2021-06	RAN#92	R5-212682	1227	-	F	Update of 70M CBW into TC 6.3D.3	17.1.0
2021-06	RAN#92	R5-212704	1228	-	F	Update of 70M CBW into TC 6.3.3.2	17.1.0
2021-06	RAN#92	R5-212739	1229	-	F	Update of V2X in Section 5	17.1.0
2021-06	RAN#92	R5-212740	1230	-	F	Update to FR1 test case title in clause 6	17.1.0
2021-06	RAN#92	R5-212741	1231	-	F	Update to FR1 test case title in clause 7	17.1.0

2021-06	RAN#92	R5-212839	1235	-	F	Update of clause 3 for symbols and abbreviations	17.1.0
2021-06	RAN#92	R5-212856	1240	-	F	Correction of the test step number in the test requirement section	17.1.0
2021-06	RAN#92	R5-212914	1241	-	F	Editorial correction of 6.2.1	17.1.0
2021-06	RAN#92	R5-212926	1243	-	F	Addition of 6.1E General section	17.1.0
2021-06	RAN#92	R5-212927	1244	-	F	Addition of 6.2E.2.1 V2X MPR non-concurrent	17.1.0
2021-06	RAN#92	R5-212928	1245	-	F	Addition of 6.3E.1.1 V2X minimum output power non-concurrent	17.1.0
2021-06	RAN#92	R5-212969	1246	-	F	Updating AMPR for SUL test case for n84	17.1.0
2021-06	RAN#92	R5-212970	1247	-	F	Updating UTRA ACLR for SUL testing for n84	17.1.0
2021-06	RAN#92	R5-212971	1248	-	F	Updating test case 7.6C.2 Inband Blocking for SUL	17.1.0
2021-06	RAN#92	R5-212972	1249	-	F	Updating test case 7.6C.3 Out-of-band blocking for SUL	17.1.0
2021-06	RAN#92	R5-212974	1251	-	F	Updating H.2.2 for NR SA FR1 testing	17.1.0
2021-06	RAN#92	R5-212979	1252	-	F	Correction to RB allocations for test case 6.2.3 A-MPR for NS_46	17.1.0
2021-06	RAN#92	R5-212980	1253	-	F	Updating test case general spurious emission for CA_n28A-n41A	17.1.0
2021-06	RAN#92	R5-212981	1254	-	F	Updating Spurious emission for UE co-existence for CA_n28A-n41A	17.1.0
2021-06	RAN#92	R5-212983	1255	-	F	Updating Transmitter power for CA requirements for CA_n28A-n41A	17.1.0
2021-06	RAN#92	R5-212988	1257	-	F	Updating 6.2D.3 A-MPR for UL MIMO for band n1	17.1.0
2021-06	RAN#92	R5-212989	1258	-	F	Updating UTRA ACLR for MIMO testing for NR band n1	17.1.0
2021-06	RAN#92	R5-212992	1260	-	F	Updating 6.2C.2 for new R17 SUL configurations	17.1.0
2021-06	RAN#92	R5-212993	1261	-	F	Updating test case 6.2A.1 MOP for CA for R17 configuration CA_n28A-n79A	17.1.0
2021-06	RAN#92	R5-212994	1262	-	F	Correction to wrong RB allocations in NR test case 6.5C.3.3	17.1.0
2021-06	RAN#92	R5-212998	1265	-	F	Updating test case 7.3C.2 REFSSENS for SUL for new R17 SUL configurations	17.1.0
2021-06	RAN#92	R5-212999	1266	-	F	Updating REFSSENS for SUL 3CC testing for new R17 SUL configurations	17.1.0
2021-06	RAN#92	R5-213000	1267	-	F	Updating 7.6C.3 Out-of-band blocking for SUL_n79A-n83A	17.1.0
2021-06	RAN#92	R5-213015	1270	-	F	Updating test description to enable DFT-s-OFDM modulation across clause 6	17.1.0
2021-06	RAN#92	R5-213016	1271	-	F	Updating message contents to enable DFT-s-OFDM modulation in 7.3 refsens	17.1.0
2021-06	RAN#92	R5-213058	1275	-	F	Update of test configuration for UTRA ACLR for Rel-16 UL MIMO	17.1.0
2021-06	RAN#92	R5-213100	1278	-	F	Updating 6.5D.3_1.3 Additional spurious emissions for UL MIMO Rel-16 onward for NR band n1	17.1.0
2021-06	RAN#92	R5-213101	1279	-	F	Correction to Reference sensitivity test requirements in DL CA	17.1.0
2021-06	RAN#92	R5-213102	1280	-	F	Corrections to band n70 reference sensitivity testing	17.1.0
2021-06	RAN#92	R5-213160	1285	-	F	Correction to Message Contents Condition for NR ACLR	17.1.0
2021-06	RAN#92	R5-213882	1202	1	F	Change Editors note in 6.2D.2	17.1.0
2021-06	RAN#92	R5-213883	1208	1	F	Update p-Max of PCC to 6.2A.1.1	17.1.0
2021-06	RAN#92	R5-213884	1209	1	F	Update p-Max of PCC to 6.2A.2.1	17.1.0
2021-06	RAN#92	R5-213885	1210	1	F	Update p-Max of PCC to 6.5A.1.1	17.1.0
2021-06	RAN#92	R5-213886	1211	1	F	Update p-Max of PCC to out of band emission for CA	17.1.0
2021-06	RAN#92	R5-213887	1212	1	F	Update p-Max of PCC to spurious emission for CA	17.1.0
2021-06	RAN#92	R5-213888	1213	1	F	Correct message content to 6.2A.4.1	17.1.0
2021-06	RAN#92	R5-213889	1214	1	F	Cleanup for TS 38.521-1 spurious emission for UE co-existence table (non CA)	17.1.0
2021-06	RAN#92	R5-213890	1215	1	F	Cleanup for TS 38.521-1 spurious emission for UE co-existence table (CA Bands)	17.1.0
2021-06	RAN#92	R5-213891	1221	1	F	Correction of A-MPR and A-SEM test requirements for NS_06 band n12	17.1.0
2021-06	RAN#92	R5-213892	1242	1	F	Addition of A-MPR NS_10 test	17.1.0
2021-06	RAN#92	R5-213893	1250	1	F	Updating NR SA test frequency selection for NR band n28	17.1.0
2021-06	RAN#92	R5-213894	1224	1	F	Update of R15 38.521-1 clause 5	17.1.0
2021-06	RAN#92	R5-213970	1256	1	F	Updating test case REFSSENS for CA for CA_n28A-n41A	17.1.0
2021-06	RAN#92	R5-213971	1272	1	F	Corrections to NR Rx CA cases	17.1.0
2021-06	RAN#92	R5-213972	1284	1	F	Update of CA_n1A-n78C into 3DL CA TCs in 38.521-1	17.1.0
2021-06	RAN#92	R5-213978	1232	1	F	Correction of 6.5.1 for test of channel occupied bandwidth	17.1.0
2021-06	RAN#92	R5-213979	1233	1	F	Correction of 6.5.2.2 for test of spectrum emission mask	17.1.0

2021-06	RAN#92	R5-213980	1234	1	F	Correction of 6.5.2.4 for test of adjacent channel leakage ratio	17.1.0
2021-06	RAN#92	R5-213981	1282	1	F	Update of 70M CBW into TC 6.3.3.4 PRACH time mask	17.1.0
2021-06	RAN#92	R5-213982	1283	1	F	Update of 70M CBW into 38.521-1 TC 6.3A.4.1	17.1.0
2021-06	RAN#92	R5-213983	1223	1	F	Update of R16 new CBW configurations into TS38.521-1 clause 5	17.1.0
2021-06	RAN#92	R5-213995	1239	1	F	Update of minimum conformance requirements for Occupied bandwidth for CA in TC 6.5A.1	17.1.0
2021-06	RAN#92	R5-213998	1203	1	F	Update of 6.5E.2.2.1	17.1.0
2021-06	RAN#92	R5-213999	1204	1	F	Update of 6.5E.2.3.1	17.1.0
2021-06	RAN#92	R5-214000	1205	1	F	Update of 6.5E.2.4.1	17.1.0
2021-06	RAN#92	R5-214001	1206	1	F	Update of 6.5E.3.2.1	17.1.0
2021-06	RAN#92	R5-214002	1207	1	F	Addition of 6.5E.3.3.1	17.1.0
2021-06	RAN#92	R5-214003	1236	1	F	Addition of new test case 6.4E.2.2.1D Error Vector Magnitude for V2X for non-concurrent operation SL-MIMO	17.1.0
2021-06	RAN#92	R5-214004	1237	1	F	Addition of new test case 6.4E.2.4.1 In band emissions for V2X for non-concurrent operation	17.1.0
2021-06	RAN#92	R5-214005	1238	1	F	Addition of new test case 6.4E.2.4.1D In band emissions for V2X for non-concurrent operation SL-MIMO	17.1.0
2021-06	RAN#92	R5-214007	1274	1	F	Test case 6.2D.4 updated for ULFP Tx	17.1.0
2021-06	RAN#92	R5-214021	1199	1	F	Updating clause 7.3C for Rel-17 SUL combinations	17.1.0
2021-06	RAN#92	R5-214022	1263	1	F	Updating REFSENS for CA test case for CA_n28A-n79A	17.1.0
2021-06	RAN#92	R5-214023	1268	1	F	Adding new test case 7.6C.2_1 Inband Blocking for SUL and DL CA	17.1.0
2021-06	RAN#92	R5-214024	1269	1	F	Adding new test case 7.6C.3_1 Out-of-band blocking for SUL and DL CA	17.1.0
2021-06	RAN#92	R5-214025	1226	1	F	Update of R17 CADC configurations into TS38.521-1 clause 5	17.1.0
2021-06	RAN#92	R5-214110	1225	1	F	Update of R16 new CADC configurations into TS38.521-1 clause 5	17.1.0
2021-09	RAN#93	R5-214221	1288	-	F	Updating clause 6.2C.2 for Rel-17 SUL combinations in TS 38.521-1	17.2.0
2021-09	RAN#93	R5-214224	1289	-	F	Update clause 7 for R17 CA and SUL RX characteristics in TS 38.521-1	17.2.0
2021-09	RAN#93	R5-214476	1294	-	F	Addition of Configured Tx Power Minimum Conformance Requirements for n41 Power Class 1.5	17.2.0
2021-09	RAN#93	R5-214477	1295	-	F	Addition of MOP for UL MIMO Minimum Conformance Requirements for n41 Power Class 1.5	17.2.0
2021-09	RAN#93	R5-214479	1297	-	F	Update of NR ACLR Test Requirement for n41 Power Class 1.5	17.2.0
2021-09	RAN#93	R5-214598	1305	-	F	Addition of reference section for TDD DL reference measurement channels in 7.1	17.2.0
2021-09	RAN#93	R5-214599	1306	-	F	Correction of test SCS in the test configuration table	17.2.0
2021-09	RAN#93	R5-214600	1307	-	F	Correction of Test Frequencies in the test configuration table	17.2.0
2021-09	RAN#93	R5-214601	1308	-	F	Correction of Test Frequencies for NR band n28 and 30MHz test channel bandwidth in the test configuration table	17.2.0
2021-09	RAN#93	R5-214603	1310	-	F	Unify the Terminology of normal condition in the test configuration tables	17.2.0
2021-09	RAN#93	R5-214604	1311	-	F	Correction of subclause titles with appropriate styles	17.2.0
2021-09	RAN#93	R5-215043	1313	-	F	Correcting test frequencies in test case 6.2D.4	17.2.0
2021-09	RAN#93	R5-215073	1316	-	F	Addition of 6.2E.1.1D MOP for non-concurrent with SL-MIMO	17.2.0
2021-09	RAN#93	R5-215074	1317	-	F	Addition of 6.2E.2.1D MPR for non-concurrent with SL-MIMO	17.2.0
2021-09	RAN#93	R5-215075	1318	-	F	Addition of 6.3E.1.1D Minimum output power for non-concurrent with SL-MIMO	17.2.0
2021-09	RAN#93	R5-215080	1319	-	F	Addition of NR ACLR for intra-band CA	17.2.0
2021-09	RAN#93	R5-215165	1321	-	F	Correction of test frequencies for A-MPR NS_47	17.2.0
2021-09	RAN#93	R5-215185	1323	-	F	Update of 6.2D.2 MPR for UL MIMO with supporting ULFP Tx	17.2.0
2021-09	RAN#93	R5-215214	1331	-	F	Corrections on power tolerance for intra-band contiguous CA	17.2.0
2021-09	RAN#93	R5-215282	1334	-	F	Introduction of CA_n71(2A) to Rx cases	17.2.0
2021-09	RAN#93	R5-215284	1335	-	F	Updating message contents for SUL test cases	17.2.0

2021-09	RAN#93	R5-215285	1336	-	F	Removal of SUL band in NR single-carrier test cases	17.2.0
2021-09	RAN#93	R5-215286	1337	-	F	Editorial correction to test case 6.2A.1 and 6.2A.2	17.2.0
2021-09	RAN#93	R5-215287	1338	-	F	Correction to test procedure of test case 6.5.2.3 Additional SEM	17.2.0
2021-09	RAN#93	R5-215297	1339	-	F	Updating the test requirement of NR test case MPR for MIMO	17.2.0
2021-09	RAN#93	R5-215298	1340	-	F	Updating NR test case 6.2A.1 MOP for intra-band non-contiguous UL CA	17.2.0
2021-09	RAN#93	R5-215305	1344	-	F	Updating test case 6.5A.1.1 occupied bandwidth for intra-band CA	17.2.0
2021-09	RAN#93	R5-215307	1345	-	F	Updating test case 6.3A.2 Transmit OFF power for intra-band non-contiguous UL CA	17.2.0
2021-09	RAN#93	R5-215311	1346	-	F	Updating MOP testing for SUL band n97	17.2.0
2021-09	RAN#93	R5-215312	1347	-	F	Updating MPR testing for SUL band n97	17.2.0
2021-09	RAN#93	R5-215332	1350	-	F	Update of requirement for spurious emission test case in 6.5A.3.2.1	17.2.0
2021-09	RAN#93	R5-215334	1352	-	F	Correction of A-MPR test configuration for NS_27 in 6.2.3	17.2.0
2021-09	RAN#93	R5-215335	1353	-	F	Correction of A-SPR test configuration for NS_17 in 6.5.3.3	17.2.0
2021-09	RAN#93	R5-215373	1354	-	F	Update Test applicability to FR1 TC 6.3C.2	17.2.0
2021-09	RAN#93	R5-215406	1359	-	F	Update of CBW 70MHz into TC 6.3.4.2 absolute power tolerance	17.2.0
2021-09	RAN#93	R5-215438	1360	-	F	Update of CBW 70MHz into TC 6.3.4.3 relative power tolerance	17.2.0
2021-09	RAN#93	R5-215439	1361	-	F	Update of CBW 70MHz into TC 6.3A.3.1	17.2.0
2021-09	RAN#93	R5-215463	1366	-	F	Correct the abbreviations for network signalling value in 38.521-1	17.2.0
2021-09	RAN#93	R5-215472	1368	-	F	Correction of test configuration in test case 6.5.2.2.2	17.2.0
2021-09	RAN#93	R5-215513	1372	-	F	Update of CBW 70MHz into TC 6.3A.3.1_1	17.2.0
2021-09	RAN#93	R5-215562	1374	-	F	Introduction of Reference sensitivity for NR-U	17.2.0
2021-09	RAN#93	R5-215564	1376	-	F	Introduction of Spectrum emission mask for NR-U	17.2.0
2021-09	RAN#93	R5-215573	1378	-	F	Update for 6.5.4 Transmit intermodulation	17.2.0
2021-09	RAN#93	R5-215845	1315	1	F	Correction of UTRA ACLR for inter-band CA	17.2.0
2021-09	RAN#93	R5-215846	1320	1	F	Adding A-MPR NS_06 test case for band 14 power class 1	17.2.0
2021-09	RAN#93	R5-215847	1312	1	F	Update of FR1 UL RMCs	17.2.0
2021-09	RAN#93	R5-215929	1356	1	F	Update of R16 new CBW configurations into TS38.521-1 clause 5	17.2.0
2021-09	RAN#93	R5-215962	1325	1	B	Introduction of MOP, MPR and configured Tx power test cases for n24 and n99	17.2.0
2021-09	RAN#93	R5-215963	1327	1	B	Introduction of n24 and n99 to spurious emissions and addition spurious emission test cases	17.2.0
2021-09	RAN#93	R5-215964	1348	1	F	Updating Spurious emissions for UE co-existence test cases for R17 requirements	17.2.0
2021-09	RAN#93	R5-215965	1328	1	B	Introduction of n24 to receiver sensitivity test cases	17.2.0
2021-09	RAN#93	R5-215966	1329	1	B	Introduction of n24 - blocking test cases	17.2.0
2021-09	RAN#93	R5-215967	1358	1	F	Update of R17 new band and CBWs into TS38.521-1 clause 5	17.2.0
2021-09	RAN#93	R5-215983	1292	1	F	Introduction of NR-U MOP test case	17.2.0
2021-09	RAN#93	R5-215984	1293	1	F	Introduction of NR-U in general clauses	17.2.0
2021-09	RAN#93	R5-215985	1375	1	F	Introduction of general spurious emission for NR-U	17.2.0
2021-09	RAN#93	R5-215986	1298	1	F	Update of Tx test cases for PC2 CA_n3A-n41A with UL CA_n3A-n41A	17.2.0
2021-09	RAN#93	R5-215987	1299	1	F	Update of Tx test cases for PC2 CA_n28A-n79A with UL CA_n28A-n79A	17.2.0
2021-09	RAN#93	R5-215988	1300	1	F	Update of Tx test cases for PC2 CA_n28A-n41A with UL CA_n28A-n41A	17.2.0
2021-09	RAN#93	R5-215989	1301	1	F	Update of Tx test cases for PC2 CA_n40A-n41A with UL CA_n40A-n41A	17.2.0
2021-09	RAN#93	R5-215990	1302	1	F	Update of Tx test cases for PC2 CA_n3A-n41A with UL PC2 n41A	17.2.0
2021-09	RAN#93	R5-215991	1303	1	F	Update of Tx test cases for PC2 CA_n28A-n79A with UL PC2 n79A	17.2.0
2021-09	RAN#93	R5-215992	1304	1	F	Update of Tx test cases for PC2 CA_n28A-n41A with UL PC2 n41A	17.2.0
2021-09	RAN#93	R5-215999	1296	1	F	Addition of MOP for UL MIMO Test Requirements for n41 Power Class 1.5	17.2.0

2021-09	RAN#93	R5-216000	1369	1	F	Adding Power Class 1.5 for LTE Band 41and NR Band n41 MOP	17.2.0
2021-09	RAN#93	R5-216001	1370	1	F	Adding Power Class 1.5 for LTE Band 41and NR Band n41 MPR	17.2.0
2021-09	RAN#93	R5-216002	1371	1	F	Adding Power Class 1.5 for LTE Band 41and NR Band n41 A-MPR	17.2.0
2021-09	RAN#93	R5-216029	1290	1	F	Update of NR FR1 General ON-OFF time mask test case	17.2.0
2021-09	RAN#93	R5-216030	1291	1	F	Update of NR FR1 SRS time mask test case	17.2.0
2021-09	RAN#93	R5-216031	1330	1	F	Cleanup for spurious emission for UE co-existence table	17.2.0
2021-09	RAN#93	R5-216032	1332	1	F	Update intra-band CA to 6.2A.2.1	17.2.0
2021-09	RAN#93	R5-216033	1373	1	F	Update to the coherent UL-MIMO test case	17.2.0
2021-09	RAN#93	R5-216034	1377	1	F	Correction to test applicability for different NS value	17.2.0
2021-09	RAN#93	R5-216035	1351	1	F	Correction to test configuration in 7.3A.1	17.2.0
2021-09	RAN#93	R5-216065	1341	1	F	Updating test case 6.3A.4.1 Absolute power tolerance for intra-band non-contiguous UL CA	17.2.0
2021-09	RAN#93	R5-216066	1342	1	F	Updating test case 6.3A.4.2 Relative power tolerance for intra-band non-contiguous UL CA	17.2.0
2021-09	RAN#93	R5-216067	1343	1	F	Updating test case 6.3A.4.3 Aggregate power tolerance for intra-band non-contiguous UL CA	17.2.0
2021-09	RAN#93	R5-216080	1357	1	F	Update of R17 CADC configurations into TS38.521-1 clause 5	17.2.0
2021-09	RAN#93	R5-216084	1333	1	F	Update p-Max of PCC of intra-band CA to 6.5A.1.1	17.2.0
2021-09	RAN#93	R5-216085	1364	1	F	Correction of 6.2.3 for UE additional maximum output power reduction	17.2.0
2021-09	RAN#93	R5-216086	1365	1	F	Correction of 6.2.1 for UE capability IE for maximum output power	17.2.0
2021-09	RAN#93	R5-216107	1363	1	F	Update of 6.2A.1 for UE maximum output power for CA	17.2.0
2021-09	RAN#93	R5-216110	1362	1	F	Update of 6.3.3.6 for SRS time mask test for BW 70MHz	17.2.0
2021-09	RAN#93	R5-216114	1326	1	B	Introduction of A-MPR test cases for n24 and n99	17.2.0
2021-09	RAN#93	R5-216141	1322	1	F	Correction to IE and UE capability for low PAPR DMRS across Tx cases	17.2.0
2021-12	RAN#94	R5-216512	1391	-	F	Updates on FR1 On-Off time mask for UL MIMO test 6.3D.3 upon RAN4 clarifications	17.3.0
2021-12	RAN#94	R5-216514	1392	-	F	Editorial corrections for NS_47 in A-MPR FR1 test 6.2.3	17.3.0
2021-12	RAN#94	R5-216515	1393	-	F	Corrections for NS_27 in A-MPR FR1 test 6.2.3	17.3.0
2021-12	RAN#94	R5-216533	1399	-	F	Addition of asymmetric channel bandwidths for n24	17.3.0
2021-12	RAN#94	R5-217111	1410	-	F	Clarifications for inter-band testing in 7.4.A.1 2DL CA MIL test	17.3.0
2021-12	RAN#94	R5-217112	1411	-	F	Clarifications for inter-band testing in 7.5.A.1 2DL CA ACS test	17.3.0
2021-12	RAN#94	R5-217199	1412	-	F	Update for 6.3.3.1 Transmit ON/OFF time mask general	17.3.0
2021-12	RAN#94	R5-217200	1413	-	F	Update for 6.3.3.6 SRS time mask	17.3.0
2021-12	RAN#94	R5-217202	1415	-	F	Addition of Annex E.4.7 Modified signal under test	17.3.0
2021-12	RAN#94	R5-217215	1416	-	F	Correction to IE and UE capability for low PAPR DMRS	17.3.0
2021-12	RAN#94	R5-217216	1417	-	F	Removal of low PAPR test points from 6.2.3 A-MPR	17.3.0
2021-12	RAN#94	R5-217234	1418	-	F	Introduction of ACLR for NR-U	17.3.0
2021-12	RAN#94	R5-217235	1419	-	F	Introduction of 7.3F.3 for NR-U	17.3.0
2021-12	RAN#94	R5-217261	1421	-	F	Addition of CA_n26A-66A, CA_n26A-70A, CA_n48A-66A, CA_n48A-70A and CA_n48A-n71A to the UL CA Maximum output power and Tx Spurious emissions	17.3.0
2021-12	RAN#94	R5-217262	1422	-	F	Addition of Reference Sensitivity test for CA combinations CA_n26A-66A, CA_n26A-70A, CA_n48A-66A and CA_n48A-70A	17.3.0
2021-12	RAN#94	R5-217263	1423	-	F	Addition of intra-band non-contiguous + intra-band non-contiguous to 4CA Reference sensitivity, Maximum input level and blocking cases	17.3.0
2021-12	RAN#94	R5-217427	1431	-	F	Correction to test configuration of NS_49 in 6.2.3	17.3.0
2021-12	RAN#94	R5-217476	1437	-	F	Cleaning up General sections of NR SA test cases	17.3.0
2021-12	RAN#94	R5-217479	1440	-	F	Correction to PDCCH DCI format for test case 6.4A.2.3.1	17.3.0
2021-12	RAN#94	R5-217482	1443	-	F	Update to test case Transmit ON/OFF time mask for SUL	17.3.0
2021-12	RAN#94	R5-217485	1446	-	F	Updating title of clause 6.4D	17.3.0
2021-12	RAN#94	R5-217487	1448	-	F	Adding intra-band contiguous CA non-contiguous RB allocations in 6.1A	17.3.0
2021-12	RAN#94	R5-217492	1453	-	F	Updating 6.3A.4.3 Aggregate power tolerance for intra-band CA	17.3.0

2021-12	RAN#94	R5-217552	1455	-	F	Addition of n3 CBW 50MHz into TC 7.3.2 Reference sensitivity power level	17.3.0
2021-12	RAN#94	R5-217553	1456	-	F	Editorial cleanup of message exceptions in PRACH time mask	17.3.0
2021-12	RAN#94	R5-217608	1463	-	F	Update to 5G V2X RMCs	17.3.0
2021-12	RAN#94	R5-217609	1464	-	F	Correction to 5G V2X RF tests	17.3.0
2021-12	RAN#94	R5-217631	1466	-	F	Update of R16 new band and CBWs into TS38.521-1 clause 5	17.3.0
2021-12	RAN#94	R5-217660	1469	-	F	Update of R17 new band and CBWs into TS38.521-1 clause 5	17.3.0
2021-12	RAN#94	R5-217665	1471	-	F	Update of CBW 70MHz into TC 6.3D.4.2	17.3.0
2021-12	RAN#94	R5-217686	1477	-	F	Update of R16 CADC configurations into TS38.521-1 clause 5	17.3.0
2021-12	RAN#94	R5-217746	1478	-	F	Update 7.5A.3 Adjacent channel selectivity for 4DL CA within RF1	17.3.0
2021-12	RAN#94	R5-218223	1379	1	F	Update of 6.3.3.4 PRACH time mask	17.3.0
2021-12	RAN#94	R5-218224	1408	1	F	Corrections for CA MPR table reference	17.3.0
2021-12	RAN#94	R5-218225	1420	1	F	6.5.3 Spurious emissions-Editorial correction	17.3.0
2021-12	RAN#94	R5-218226	1433	1	F	Correction to the number of HARQ process for PUCCH format 3 with FDD condition	17.3.0
2021-12	RAN#94	R5-218227	1438	1	F	Updating SRS time mask test case	17.3.0
2021-12	RAN#94	R5-218228	1439	1	F	Correction to PDCCH DCI format for test case 6.4.2.3	17.3.0
2021-12	RAN#94	R5-218229	1441	1	F	Correction to NR test case 6.4A.1.1 - Frequency error for CA	17.3.0
2021-12	RAN#94	R5-218230	1442	1	F	Update to NR FR1 ON-OFF time mask for CA (2UL CA)	17.3.0
2021-12	RAN#94	R5-218232	1475	1	F	Update of NR FR1 TC 6.3A.3 Transmit ON/OFF time mask for CA	17.3.0
2021-12	RAN#94	R5-218233	1432	1	F	Correction to the periodicity of CSI-RS for tracking	17.3.0
2021-12	RAN#94	R5-218280	1470	1	F	Update of CBW 70MHz into TC 6.3D.4.1	17.3.0
2021-12	RAN#94	R5-218281	1473	1	F	Update of CBW 70MHz into 6.5A of 38.521-1	17.3.0
2021-12	RAN#94	R5-218282	1474	1	F	Update of CBW 70MHz into 6.5C of 38.521-1	17.3.0
2021-12	RAN#94	R5-218292	1450	1	F	Updating 6.2A.4 Configured output power for intra-band UL CA	17.3.0
2021-12	RAN#94	R5-218300	1401	1	F	Update to test case 6.4E.2.4.1 In-band emissions for V2X / non-concurrent operation	17.3.0
2021-12	RAN#94	R5-218301	1402	1	F	Update to test case 6.4E.2.4.1D In-band emissions for V2X / non-concurrent operation / SL-MIMO	17.3.0
2021-12	RAN#94	R5-218302	1403	1	F	Addition of new test case 6.4E.2.4.2 In-band emissions for V2X / con-current operation	17.3.0
2021-12	RAN#94	R5-218303	1404	1	F	Addition of new test case 6.4E.2.5.1 EVM equalizer spectrum flatness for V2X / non-concurrent operation	17.3.0
2021-12	RAN#94	R5-218304	1405	1	F	Addition of new test case 6.4E.2.5.1D EVM equalizer spectrum flatness for V2X / non-concurrent operation / SL-MIMO	17.3.0
2021-12	RAN#94	R5-218305	1406	1	F	Addition of new test case 6.4E.2.5.2 EVM equalizer spectrum flatness for V2X / con-current operation	17.3.0
2021-12	RAN#94	R5-218362	1397	1	F	Updates to A-MPR test case for n24 and n99	17.3.0
2021-12	RAN#94	R5-218363	1398	1	F	Updates to additional spurious emission test case for n24 and n99	17.3.0
2021-12	RAN#94	R5-218365	1467	1	F	Update of R17 CADC configurations into TS38.521-1 clause 5	17.3.0
2021-12	RAN#94	R5-218373	1425	1	F	Update of MOP test cases for PC2 CA_n3A-n78A with UL CA_n3A-n78A	17.3.0
2021-12	RAN#94	R5-218379	1380	1	F	Update of PC1.5 n41 MOP test requirement	17.3.0
2021-12	RAN#94	R5-218380	1381	1	F	Adding Power Class 1.5 for NR Band n79 MOP	17.3.0
2021-12	RAN#94	R5-218381	1382	1	F	Introduction of PC1.5 n79 MOP for UL MIMO	17.3.0
2021-12	RAN#94	R5-218382	1383	1	F	Introduction of PC1.5 n79 MPR	17.3.0
2021-12	RAN#94	R5-218383	1384	1	F	Introduction of PC2 n34 MOP	17.3.0
2021-12	RAN#94	R5-218384	1385	1	F	Introduction of PC2 n34 MOP for UL MIMO	17.3.0
2021-12	RAN#94	R5-218385	1386	1	F	Introduction of PC2 n34 MPR	17.3.0
2021-12	RAN#94	R5-218386	1387	1	F	Introduction of PC2 n39 MOP	17.3.0
2021-12	RAN#94	R5-218387	1388	1	F	Introduction of PC2 n39 MOP for UL MIMO	17.3.0
2021-12	RAN#94	R5-218388	1389	1	F	Introduction of PC2 n39 MPR	17.3.0
2021-12	RAN#94	R5-218389	1390	1	F	Introduction of PC2 n39 A-MPR for NS_50	17.3.0
2021-12	RAN#94	R5-218411	1468	1	F	Introduction of NR-U A-MPR test case	17.3.0

2021-12	RAN#94	R5-218416	1409	1	F	Clarifications on additional UE co-ex requirements for 2 Band UL CA	17.3.0
2021-12	RAN#94	R5-218417	1429	1	F	Update of 6.2.2 for UE maximum output power reduction	17.3.0
2021-12	RAN#94	R5-218418	1430	1	F	Update of 6.2.3.3.28 for alignment of NS_56 with RAN4 specification	17.3.0
2021-12	RAN#94	R5-218419	1444	1	F	Update to test case Transmit ON/OFF time mask for UL MIMO	17.3.0
2021-12	RAN#94	R5-218420	1445	1	F	Updating test applicability to FR1 test cases	17.3.0
2021-12	RAN#94	R5-218421	1465	1	F	Update of A-MPR NS_04 for band n41	17.3.0
2021-12	RAN#94	R5-218422	1476	1	F	38.521-1_Corrections of test cases having impact on ETSI EN 301 908 25	17.3.0
2021-12	RAN#94	R5-218423	1435	1	F	Updating 7.3A.2 Reference sensitivity for CA_n1A-n78A-n79A	17.3.0
2021-12	RAN#94	R5-218456	1434	1	F	Addition of UE co-existence requirements for band n40 to TS 38.521-1	17.3.0
2021-12	RAN#94	R5-218457	1449	1	F	Updating 6.2A.2 MPR for CA test case for intra-band UL CA	17.3.0
2021-12	RAN#94	R5-218458	1451	1	F	Updating 6.3A.4.1 Absolute power tolerance for intra-band CA	17.3.0
2021-12	RAN#94	R5-218459	1454	1	F	Updating 6.5A.1.1 Occupied bandwidth for CA	17.3.0
2021-12	RAN#94	R5-218471	1462	1	F	Addition of CA_n1A-n3A into TC 7.3A Reference sensitivity for CA	17.3.0
2021-12	RAN#94	R5-218476	1424	1	F	Update of MOP test cases for PC2 CA_n1A-n78A with UL CA_n1A-n78A	17.3.0
2021-12	RAN#94	R5-218477	1394	1	F	PC1.5 MPR n77 n78	17.3.0
2021-12	RAN#94	R5-218478	1395	1	F	PC1.5 MOP n77 n78	17.3.0
2021-12	RAN#94	R5-218481	1414	1	F	Introduction of new test case 6.4.2.1a	17.3.0
2022-03	RAN#95	R5-220071	1481	-	F	Addition of Test description and Test requirement for 6.3A.2.1 Transmit OFF power for 2UL CA	17.4.0
2022-03	RAN#95	R5-220072	1482	-	F	Correction of Table number in step 4 of 6.3A.4.2.1.4.1	17.4.0
2022-03	RAN#95	R5-220073	1483	-	F	Correction of Test SCS in Table 6.2D.2.4.1-1	17.4.0
2022-03	RAN#95	R5-220074	1484	-	F	Addition of missing clause titles for 6.5B, 6.5D.2_1.4 and 6.5D.2_1.4.1	17.4.0
2022-03	RAN#95	R5-220075	1485	-	F	Correction of clause title styles	17.4.0
2022-03	RAN#95	R5-220076	1486	-	F	Correction of Test SCS in Table 7.3C.2.4.1-1	17.4.0
2022-03	RAN#95	R5-220077	1487	-	F	Correction of style in Table 7.4D.4.1-1	17.4.0
2022-03	RAN#95	R5-220078	1488	-	F	Correction of Test frequency in Table 7.6C.3_1.1.4.1-1	17.4.0
2022-03	RAN#95	R5-220080	1489	-	F	Adding additional tolerance to test requirement of Transmitter power test cases	17.4.0
2022-03	RAN#95	R5-220081	1490	-	F	Removal of Editor note about PC1 requirements in Rel-15 and Rel-16	17.4.0
2022-03	RAN#95	R5-220082	1491	-	F	Correction of table numbers in 7.6C.2_1.1 and 7.6C.3_1.1	17.4.0
2022-03	RAN#95	R5-220084	1493	-	F	Introduction of new V2X test cases in 7.6E	17.4.0
2022-03	RAN#95	R5-220086	1495	-	F	Introduction of new V2X test cases in 7.8E	17.4.0
2022-03	RAN#95	R5-220138	1497	-	F	Update test requirements of PC2 n34 MOP for UL MIMO	17.4.0
2022-03	RAN#95	R5-220139	1498	-	F	Update test requirements of PC2 n39 MOP for UL MIMO	17.4.0
2022-03	RAN#95	R5-220249	1510	-	F	Corrected REFSENS reference in SUL Frequency error test	17.4.0
2022-03	RAN#95	R5-220250	1511	-	F	Correction of test requirements in spurious test 7.7D	17.4.0
2022-03	RAN#95	R5-220251	1512	-	F	DL RMC correction for TDD SCS 60kHz	17.4.0
2022-03	RAN#95	R5-220252	1513	-	F	Editorial correction to minimum requirements in test 6.2D.2	17.4.0
2022-03	RAN#95	R5-220253	1514	-	F	General corrections in FR1 6.3A.3.1 ONOFF time mask CA	17.4.0
2022-03	RAN#95	R5-220254	1515	-	F	Frequency correction for NS_27 in A-MPR test	17.4.0
2022-03	RAN#95	R5-220255	1516	-	F	n71 IBNC - UL allocation correction for testing REFSENS without exceptions	17.4.0
2022-03	RAN#95	R5-220273	1518	-	F	Clarifications on 5G NR connectivity options for RF FR1	17.4.0
2022-03	RAN#95	R5-220280	1520	-	F	Update CA configurations for CA_n41A-n79A BCS1	17.4.0
2022-03	RAN#95	R5-220349	1522	-	F	Adding NR bands for UL MIMO in FR1	17.4.0
2022-03	RAN#95	R5-220362	1527	-	F	Introduction of CA_n7A-n78A reference sensitivity test requirements	17.4.0
2022-03	RAN#95	R5-220537	1531	-	F	Correction on test procedure and initial condition for power tolerance test cases	17.4.0
2022-03	RAN#95	R5-220639	1532	-	F	Editorial, correction of clause numbering in test case 6.5D.2.4.1	17.4.0
2022-03	RAN#95	R5-220752	1536	-	F	Updating on additional UE co-ex requirements for 2 Band UL CA	17.4.0
2022-03	RAN#95	R5-220753	1537	-	F	Updating on n74 co-existence for TS 38.521-1	17.4.0

2022-03	RAN#95	R5-220870	1547	-	F	Updating MOP and Configured Tx Power TCs for CA_n24A-n41A	17.4.0
2022-03	RAN#95	R5-220871	1548	-	F	Updating MOP and Configured Tx Power TCs for CA_n24A-n48A	17.4.0
2022-03	RAN#95	R5-220872	1549	-	F	Updating MOP and Configured Tx Power TCs for CA_n24A-n77A	17.4.0
2022-03	RAN#95	R5-220873	1550	-	F	Updating reference sensitivity test requirement for CA combination of n24 and n41	17.4.0
2022-03	RAN#95	R5-220874	1551	-	F	Updating Delta_RIB_c and reference sensitivity test requirement for CA combination of n24 and n48	17.4.0
2022-03	RAN#95	R5-220893	1558	-	F	Correction to test procedure of SRS time mask	17.4.0
2022-03	RAN#95	R5-220899	1560	-	F	Correction to test requirement of NS_27 in 6.2.3	17.4.0
2022-03	RAN#95	R5-220900	1561	-	F	Correction to test requirement of NS_47 in 6.2.3	17.4.0
2022-03	RAN#95	R5-220905	1563	-	F	Correction to test CBW for Non-SUL carrier in 6.4C.2.2	17.4.0
2022-03	RAN#95	R5-220906	1564	-	F	Correction to test requirement of 6.5C.3.2	17.4.0
2022-03	RAN#95	R5-220914	1566	-	F	Correction to RMC for PUCCH format 1 test cases	17.4.0
2022-03	RAN#95	R5-220915	1567	-	F	Correction to connection diagram and test configuration for Tx SUL test cases	17.4.0
2022-03	RAN#95	R5-220919	1568	-	F	Correction to transmission slot in SRS time mask test case	17.4.0
2022-03	RAN#95	R5-221046	1570	-	F	Addition of 6.5.2.3 on new CBW to A-SEM for NS_04	17.4.0
2022-03	RAN#95	R5-221051	1571	-	F	Correction of 6.2A.1 for UE maximum output power for CA	17.4.0
2022-03	RAN#95	R5-221052	1572	-	F	Correction of 6.2A.2 on UE MPR for CA	17.4.0
2022-03	RAN#95	R5-221106	1573	-	F	Correcting test applicabilities for MIMO test cases	17.4.0
2022-03	RAN#95	R5-221107	1574	-	F	Correcting to NR test case 6.2A.1 MOP for CA	17.4.0
2022-03	RAN#95	R5-221109	1576	-	F	Updating test case 6.2.3 AMPR for NS_03 and NS_03U	17.4.0
2022-03	RAN#95	R5-221113	1577	-	F	Updating General Spurious testing for CA_n41A-n79A	17.4.0
2022-03	RAN#95	R5-221114	1578	-	F	Updating A-MPR for CA testing for CA_n41A-n79A	17.4.0
2022-03	RAN#95	R5-221116	1579	-	F	Updating minimum requirements for test case 6.2.3 AMPR	17.4.0
2022-03	RAN#95	R5-221117	1580	-	F	Updating test case Additional spurious emissions for NS_46	17.4.0
2022-03	RAN#95	R5-221119	1582	-	F	Updating UTRA ACLR for UL MIMO Rel-16 onward for NS_100	17.4.0
2022-03	RAN#95	R5-221120	1583	-	F	Updating Additional spurious emissions for UL MIMO Rel-16 onward for several bands	17.4.0
2022-03	RAN#95	R5-221121	1584	-	F	Updating 6.1A for intra-band contiguous CA Outer1 RB allocation	17.4.0
2022-03	RAN#95	R5-221122	1585	-	F	Updating test case 6.2A.2 MPR for intra-band non-contiguous CA	17.4.0
2022-03	RAN#95	R5-221128	1588	-	F	Updating FR1 Spectrum emission mask for intra-band CA test case	17.4.0
2022-03	RAN#95	R5-221130	1589	-	F	Updating Relative power control tolerance testing for intra-band CA	17.4.0
2022-03	RAN#95	R5-221198	1591	-	F	Addition of CBW 70MHz into TC 6.5D	17.4.0
2022-03	RAN#95	R5-221200	1592	-	F	Addition of CBW 70MHz into Rx TCs	17.4.0
2022-03	RAN#95	R5-221209	1593	-	F	Updating MPR minimum requirement for NR band n97	17.4.0
2022-03	RAN#95	R5-221244	1596	-	F	Addition of CA_n1A-n3A into TC 6.2A	17.4.0
2022-03	RAN#95	R5-221266	1604	-	F	Correction of in-band emissions test cases	17.4.0
2022-03	RAN#95	R5-221267	1605	-	F	Correction of SRS time mask test case	17.4.0
2022-03	RAN#95	R5-221322	1606	-	F	Update for 6.5C.3.3 Additional spurious emissions for SUL	17.4.0
2022-03	RAN#95	R5-221339	1610	-	F	A-MPR updates for n77	17.4.0
2022-03	RAN#95	R5-221361	1613	-	F	Editorial update within channel raster section	17.4.0
2022-03	RAN#95	R5-221675	1480	1	F	Correction of test applicability of A-MPR	17.4.0
2022-03	RAN#95	R5-221676	1528	1	F	Alignment of test points of ACLR with MPR	17.4.0
2022-03	RAN#95	R5-221677	1539	1	F	Corrections of Tx TCs having impact on ETSI EN 301 908-25	17.4.0
2022-03	RAN#95	R5-221678	1557	1	F	Correction to note of general spurious emissions	17.4.0
2022-03	RAN#95	R5-221679	1559	1	F	Correction to test requirement of 6.2.4	17.4.0
2022-03	RAN#95	R5-221680	1562	1	F	Correction to measurement timing for inter-band CA with FDD and TDD	17.4.0
2022-03	RAN#95	R5-221681	1565	1	F	Editorial correction to SUL test cases	17.4.0
2022-03	RAN#95	R5-221682	1607	1	F	Editorial correction to clause 6.5.3.2 and 6.5.3.3	17.4.0
2022-03	RAN#95	R5-221683	1541	1	F	Update to statistical testing	17.4.0
2022-03	RAN#95	R5-221684	1603	1	F	Correction to FR1 UL RMCs	17.4.0
2022-03	RAN#95	R5-221758	1509	1	F	Update Spurious emissions for UE co-existence for CA_n3A-n41A	17.4.0



2022-03	RAN#95	R5-221759	1517	1	F	Update Spurious emissions for UE co-existence for CA_n41A-n79A	17.4.0
2022-03	RAN#95	R5-221760	1508	1	F	Update Reference sensitivity test case for CA_n3A-n41A	17.4.0
2022-03	RAN#95	R5-221761	1526	1	F	Introduction of CA_n5A-n78A reference sensitivity test requirements	17.4.0
2022-03	RAN#95	R5-221762	1538	1	F	Introduction of CA_n5A-n7A and CA_n7A_n78A maximum output power test requirements	17.4.0
2022-03	RAN#95	R5-221763	1611	1	F	MSD test configurations modification for US inter-band CA combinations with n77	17.4.0
2022-03	RAN#95	R5-221764	1507	1	F	Update operating bands and CA configurations for CA_n3A-n41A	17.4.0
2022-03	RAN#95	R5-221765	1553	1	F	General updates of clause 5 for R16 CADC configurations	17.4.0
2022-03	RAN#95	R5-221788	1597	1	F	New channel bandwidth for n25. UL-MIMO.	17.4.0
2022-03	RAN#95	R5-221789	1602	1	F	Addition of CBHWs 25 MHz, 30 MHz, 40 MHz for n25	17.4.0
2022-03	RAN#95	R5-221790	1598	1	F	New channel bandwidth for n25. refsens and UL-MIMO	17.4.0
2022-03	RAN#95	R5-221791	1540	1	F	General updates of clause 5 for R16 new CBW configurations	17.4.0
2022-03	RAN#95	R5-221794	1581	1	F	Updating test case AMPR for MIMO	17.4.0
2022-03	RAN#95	R5-221795	1586	1	F	Updating Absolute power tolerance for intra-band non-contiguous CA	17.4.0
2022-03	RAN#95	R5-221796	1587	1	F	Updating FR1 ACLR for intra-band CA test case	17.4.0
2022-03	RAN#95	R5-221817	1492	1	F	Introduction of new V2X test cases in 6.3E.2	17.4.0
2022-03	RAN#95	R5-221818	1542	1	F	Update to NR V2X test cases with non-concurrent operation	17.4.0
2022-03	RAN#95	R5-221819	1543	1	F	Addition of 6.2E.2.2 MPR for concurrent operation	17.4.0
2022-03	RAN#95	R5-221820	1494	1	F	Introduction of new V2X test cases in 7.7E	17.4.0
2022-03	RAN#95	R5-221870	1601	1	F	Update of R17 new CBW 45M into refsense TC	17.4.0
2022-03	RAN#95	R5-221877	1519	1	F	Update of R17 NR inter-band CA Tx requirements within FR1	17.4.0
2022-03	RAN#95	R5-221878	1521	1	F	Update of R17 NR inter-band CA Rx requirements within FR1	17.4.0
2022-03	RAN#95	R5-221879	1552	1	F	Updating Delta_RIB_c and reference sensitivity test requirement for CA combination of n24 and n77	17.4.0
2022-03	RAN#95	R5-221880	1569	1	F	Addition of several CA combinations to Reference Sensitivity test case	17.4.0
2022-03	RAN#95	R5-221881	1554	1	F	General updates of clause 5 for R17 CADC configurations	17.4.0
2022-03	RAN#95	R5-221882	1590	1	F	Updating clause 5.2C for R17 SUL configurations	17.4.0
2022-03	RAN#95	R5-221894	1599	1	F	Introduction of NR-U OFF power test case	17.4.0
2022-03	RAN#95	R5-221895	1600	1	F	Introduction of NR-U General ON/OFF time mask test case	17.4.0
2022-03	RAN#95	R5-221896	1529	1	F	Update of MOP test cases for PC2 CA_n1A-n78A with UL CA_n1A-n78A	17.4.0
2022-03	RAN#95	R5-221897	1530	1	F	Update of MOP test cases for PC2 CA_n3A-n78A with UL CA_n3A-n78A	17.4.0
2022-03	RAN#95	R5-221898	1534	1	F	Update superscripts of power class for inter-band CA	17.4.0
2022-03	RAN#95	R5-221899	1535	1	F	Update MOP for 2 bands DL and 1 band UL CA	17.4.0
2022-03	RAN#95	R5-221900	1594	1	F	Update MOP for Intra-band contiguous CA	17.4.0
2022-03	RAN#95	R5-221901	1595	1	F	Update MOP for Intra-band non-contiguous CA	17.4.0
2022-03	RAN#95	R5-221902	1505	1	F	Update UL CA configurations for PC2 and PC1.5 CA_n41C	17.4.0
2022-03	RAN#95	R5-221903	1506	1	F	Update configuration for PC2 CA_n3A-n41A	17.4.0
2022-03	RAN#95	R5-221904	1502	1	F	Update NR ACLR test case for PC1.5	17.4.0
2022-03	RAN#95	R5-221905	1496	1	F	Update TC Frequency Error for DSS	17.4.0
2022-03	RAN#95	R5-221906	1499	1	F	Update TC Frequency Error for UL MIMO for DSS	17.4.0
2022-03	RAN#95	R5-221907	1500	1	F	Update TC Frequency Error for CA for DSS	17.4.0
2022-03	RAN#95	R5-221912	1609	1	F	Update for 6.4.2.1a EVM including symbols with transient period	17.4.0
2022-03	RAN#95	R5-221930	1575	1	F	Updating message contents for REFSENS for 2DL CA exceptions testing	17.4.0
2022-06	RAN#96	R5-222174	1616	-	F	Correction to n46 ARFCN	17.5.0
2022-06	RAN#96	R5-222200	1617	-	F	Removing the empty space in the table number of Table 7.3.2.3-1a and correct the style of table title of Table 7.3.2.3-1b	17.5.0
2022-06	RAN#96	R5-222201	1618	-	F	Correction of test metric of out of band emission for UL MIMO	17.5.0
2022-06	RAN#96	R5-222202	1619	-	F	Correction of Test Environment in Table 6.5A.2.2.1.4.1-2	17.5.0
2022-06	RAN#96	R5-222203	1620	-	F	Correction of test applicability of 6.4.2.5	17.5.0

2022-06	RAN#96	R5-222204	1621	-	F	Moving test requirement of 6.3E.1.1D to the correct section and correction of style of some table notes	17.5.0
2022-06	RAN#96	R5-222205	1622	-	F	Correction of clause style in 6.2E.2.2	17.5.0
2022-06	RAN#96	R5-222206	1623	-	F	Removing FFS for the test configuration table in 6.2E.1.1.4.1	17.5.0
2022-06	RAN#96	R5-222241	1629	-	F	Update Spurious emissions for UE co-existence for CA_n41C	17.5.0
2022-06	RAN#96	R5-222310	1631	-	F	Introduction of Transmitter power for NR-DC	17.5.0
2022-06	RAN#96	R5-222311	1632	-	F	Introduction of UE maximum output power reduction for NR-DC	17.5.0
2022-06	RAN#96	R5-222312	1633	-	F	Introduction of UE additional maximum output power reduction for NR-DC	17.5.0
2022-06	RAN#96	R5-222313	1634	-	F	Introduction of Configured output power for inter-band NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-222327	1648	-	F	Editorial correction for references to Table 5.5A.3-1	17.5.0
2022-06	RAN#96	R5-222331	1649	-	F	FR1 - 6.5A.3.2 - Spurious for co-existence - correction for CA_n41-n79	17.5.0
2022-06	RAN#96	R5-222334	1652	-	F	Reference correction in test case 6.5C.4	17.5.0
2022-06	RAN#96	R5-222335	1653	-	F	Correction of min value for A-MPR - FR1 - NS_44 - Test ID 17	17.5.0
2022-06	RAN#96	R5-222336	1654	-	F	Replace n79C by n77C in test case 6.2A.2.1	17.5.0
2022-06	RAN#96	R5-222337	1655	-	F	Editorial correction in Test IDs in FR1 test case 7.5A.2	17.5.0
2022-06	RAN#96	R5-222338	1656	-	F	Corrections for n50 and n79 in FR1 test case 7.3.2	17.5.0
2022-06	RAN#96	R5-222339	1657	-	F	Editorial corrections for FR1 in annex F.1.2	17.5.0
2022-06	RAN#96	R5-222351	1659	-	F	Update of reference sense test case 7.3.2 for n48 and CWBs 30 and 70 MHz	17.5.0
2022-06	RAN#96	R5-222352	1660	-	F	Update of reference sense test case 7.3.2 for n2 and CWBs 25 30 and 40 MHz	17.5.0
2022-06	RAN#96	R5-222353	1661	-	F	Update of reference sense test case 7.3.2 for n5 and CWB 25 MHz	17.5.0
2022-06	RAN#96	R5-222354	1662	-	F	Introducing CBW 70 MHz for Default Downlink Power levels in Annex C	17.5.0
2022-06	RAN#96	R5-222355	1663	-	F	Introducing CBW 30 MHz for Characteristics of the Interfering Signalling in Annex D	17.5.0
2022-06	RAN#96	R5-222356	1664	-	F	Introducing CBW 70 MHz for Characteristics of the Interfering Signalling in Annex D	17.5.0
2022-06	RAN#96	R5-222448	1667	-	F	Editorial correction of REFSENS test case 7.3.2	17.5.0
2022-06	RAN#96	R5-222450	1669	-	F	Correction of REFSENS test case for n66 and CBW 25 and 30 MHz	17.5.0
2022-06	RAN#96	R5-222481	1671	-	F	Correction to EVM measurement point for DFTs-OFDM DM-RS Type 2	17.5.0
2022-06	RAN#96	R5-222540	1674	-	F	Correction of REFSENS test case for n66 and CBW 40 MHz	17.5.0
2022-06	RAN#96	R5-222571	1676	-	F	Addition of reference sensitivity test for several CA combinations	17.5.0
2022-06	RAN#96	R5-222655	1678	-	F	Addition of UE co-existence requirements for band n18 to TS 38.521-1	17.5.0
2022-06	RAN#96	R5-222664	1682	-	F	General updates of clause 5 for R17 new CBW configurations	17.5.0
2022-06	RAN#96	R5-222683	1693	-	F	Update of R17 CADC configurations into refsense TC	17.5.0
2022-06	RAN#96	R5-222738	1696	-	F	Update 7.3F.2 Ref sensitivity power level	17.5.0
2022-06	RAN#96	R5-222739	1697	-	F	Introduction of 7.6F.2 IBB for NR_U	17.5.0
2022-06	RAN#96	R5-222745	1700	-	F	Update 6.5.3.2 Spurious emissions for UE co-existence	17.5.0
2022-06	RAN#96	R5-222746	1701	-	F	Introduction of ACS for NR_U	17.5.0
2022-06	RAN#96	R5-222808	1703	-	F	Correction of A-MPR regions for NS_46	17.5.0
2022-06	RAN#96	R5-222857	1706	-	F	Updates of clause 5 for R15 bands and CBW configurations	17.5.0
2022-06	RAN#96	R5-222873	1707	-	F	Aligning test case Occupied bandwidth for UL MIMO with the latest work plan version	17.5.0
2022-06	RAN#96	R5-222930	1719	-	F	Update of the definition of uplink RB allocation for power class 1.5 UE	17.5.0
2022-06	RAN#96	R5-222939	1720	-	F	Aligning test case 6.5D.2.4.1 NR ACLR for UL MIMO with the latest work plan version	17.5.0
2022-06	RAN#96	R5-222955	1722	-	F	Aligning test case 6.5D.2.4.2 UTRA ACLR for UL MIMO with the latest work plan version	17.5.0
2022-06	RAN#96	R5-222975	1723	-	F	Addition of CA_n1A-n8A into MOP TC	17.5.0

2022-06	RAN#96	R5-222993	1724	-	F	Corrections of DCI format for Tx TCs having impact on ETSI EN 301 908-25	17.5.0
2022-06	RAN#96	R5-222997	1725	-	F	Removal of brackets for DCI for Rx test cases	17.5.0
2022-06	RAN#96	R5-223018	1727	-	F	Update of Annex F for UL MIMO test cases	17.5.0
2022-06	RAN#96	R5-223022	1728	-	F	Addition of CA_n1A-n8A into Refsens TC	17.5.0
2022-06	RAN#96	R5-223124	1731	-	F	Updating minimum requirement for 7.6A.3 OOB for CA testing	17.5.0
2022-06	RAN#96	R5-223130	1734	-	F	Updating almost contiguous RB allocation for 45MHz CBW	17.5.0
2022-06	RAN#96	R5-223133	1736	-	F	Updating Additional spurious emissions for NS_48 for 45MHz CBW	17.5.0
2022-06	RAN#96	R5-223134	1737	-	F	Updating test case 6.3.1 Minimum output power for CBW 45MHz	17.5.0
2022-06	RAN#96	R5-223135	1738	-	F	Updating transmit ON_OFF time mask test case for 45MHz CBW	17.5.0
2022-06	RAN#96	R5-223136	1739	-	F	Updating test case 7.4 Maximum input level for new Rel-17 CBWs	17.5.0
2022-06	RAN#96	R5-223137	1740	-	F	Updating 6.3D.1 Minimum output power for UL MIMO for 45MHz CBW	17.5.0
2022-06	RAN#96	R5-223138	1741	-	F	Updating transmit ON_OFF time mask for MIMO test case for 45MHz CBW	17.5.0
2022-06	RAN#96	R5-223159	1746	-	F	Update TC 6.5.3.3 Additional spurious emissions for PC2 n39	17.5.0
2022-06	RAN#96	R5-223198	1748	-	F	Addition of redcap requirement into sub-clause 7.1 and 7.2	17.5.0
2022-06	RAN#96	R5-223655	1753	1	F	Introduction of test specifications for additional Rel-16 CA combos to Clause 6	17.5.0
2022-06	RAN#96	R5-223656	1650	1	F	Test procedure correction in FR1 CA test case 7.6A.4.3	17.5.0
2022-06	RAN#96	R5-223657	1721	1	F	General updates of clause 5 for R16 CADC configurations	17.5.0
2022-06	RAN#96	R5-223693	1750	1	F	Update test configuration table for NS_27 of A-MPR	17.5.0
2022-06	RAN#96	R5-223694	1694	1	F	Update of CBW 70MHz into refsens TC	17.5.0
2022-06	RAN#96	R5-223695	1692	1	F	General updates of clause 5 for R16 new CBW configurations	17.5.0
2022-06	RAN#96	R5-223697	1666	1	F	Corrections in message exceptions and test points for FR1 test case 6.3A.4.1.1	17.5.0
2022-06	RAN#96	R5-223698	1702	1	F	Update 6.5.3.2 Spur-emiss R16_17 for UE co-exist	17.5.0
2022-06	RAN#96	R5-223699	1732	1	F	Correction to NS_27 in test case AMPR for MIMO	17.5.0
2022-06	RAN#96	R5-223700	1651	1	F	Test procedure correction in FR1 CA test case 7.6A.4.2	17.5.0
2022-06	RAN#96	R5-223705	1726	1	F	Addition of spectrum emission mask testing for UL MIMO with ULFPTx	17.5.0
2022-06	RAN#96	R5-223729	1733	1	F	Updating RB allocation for CBW 45MHz	17.5.0
2022-06	RAN#96	R5-223730	1735	1	F	Updating AMPR test case for NS_48 for CBW 45MHz	17.5.0
2022-06	RAN#96	R5-223731	1658	1	F	Update of reference sense test case 7.3.2 for n41 and CWB 70 MHz	17.5.0
2022-06	RAN#96	R5-223734	1679	1	F	Updating General Spurious Emissions TC for CA_n24-n41	17.5.0
2022-06	RAN#96	R5-223735	1680	1	F	Updating General Spurious Emissions TCs for CA_n24-n48	17.5.0
2022-06	RAN#96	R5-223736	1681	1	F	Updating General Spurious Emissions TCs for CA_n24-n77	17.5.0
2022-06	RAN#96	R5-223737	1683	1	F	Updating Spurious emission for UE co-existence TC for CA_n24-n41	17.5.0
2022-06	RAN#96	R5-223738	1684	1	F	Updating Spurious emission for UE co-existence TC for CA_n24-n48	17.5.0
2022-06	RAN#96	R5-223739	1685	1	F	Updating Spurious emission for UE co-existence TC for CA_n24-n77	17.5.0
2022-06	RAN#96	R5-223740	1686	1	F	Updating AMPR TC for Rel-17 CA_n24-n41	17.5.0
2022-06	RAN#96	R5-223741	1687	1	F	Updating AMPR TC for Rel-17 CA_n24-n48	17.5.0
2022-06	RAN#96	R5-223742	1689	1	F	Updating AMPR TC for Rel-17 CA_n24-n77	17.5.0
2022-06	RAN#96	R5-223743	1690	1	F	General updates of clause 5 for R17 CADC configurations	17.5.0
2022-06	RAN#96	R5-223754	1695	1	F	Add MU and TT for 7.5F.1 and 7.6F.2	17.5.0
2022-06	RAN#96	R5-223756	1635	1	F	Introduction of Output power dynamics and Minimum output power for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223757	1636	1	F	Introduction of Transmit OFF power for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223758	1637	1	F	Introduction of Transmit ON/OFF time mask for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223759	1638	1	F	Introduction of Transmit signal quality and Frequency error for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223760	1639	1	F	Introduction of Error Vector Magnitude for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223761	1640	1	F	Introduction of Carrier leakage for NR-DC in FR1	17.5.0

2022-06	RAN#96	R5-223762	1641	1	F	Introduction of In-band emissions for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223763	1642	1	F	Introduction of Output RF spectrum emissions and Occupied bandwidth for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223764	1643	1	F	Introduction of Out of band emission Spectrum emission mask for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223765	1644	1	F	Introduction of Adjacent channel leakage ratio for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223766	1645	1	F	Introduction of Spurious emission for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223767	1646	1	F	Introduction of Transmit intermodulation for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223768	1647	1	F	Introduction of NR-DC references to transmitter test requirements	17.5.0
2022-06	RAN#96	R5-223769	1630	1	F	Introduction of configuration DC_n48A-n70A for NR-DC in FR1	17.5.0
2022-06	RAN#96	R5-223770	1665	1	F	UL MIMO MOP requirements for PC1.5 in n77 and n78	17.5.0
2022-06	RAN#96	R5-223773	1625	1	F	Removal of PC1.5 from TC 6.2.1 MOP	17.5.0
2022-06	RAN#96	R5-223774	1626	1	F	Removal of PC1.5 from TC 6.2.2 MPR	17.5.0
2022-06	RAN#96	R5-223775	1627	1	F	Removal of PC1.5 from TC 6.2.3 A-MPR	17.5.0
2022-06	RAN#96	R5-223776	1628	1	F	Removal of PC1.5 from TC 6.5.2.4.1 ACLR	17.5.0
2022-06	RAN#96	R5-223777	1713	1	F	Addition of new test case 6.2G.1 maximum output power for Tx Diversity	17.5.0
2022-06	RAN#96	R5-223778	1714	1	F	Addition of new test case 6.2G.2 maximum output power reduction for Tx Diversity	17.5.0
2022-06	RAN#96	R5-223779	1715	1	F	Addition of new test case 6.2G.3 additional maximum output power reduction for Tx Diversity	17.5.0
2022-06	RAN#96	R5-223780	1716	1	F	Addition of new test case 6.5G.2.3 Adjacent channel leakage ratio for Tx Diversity	17.5.0
2022-06	RAN#96	R5-223781	1729	1	F	Introduce SRS IL for UE with NR TxD	17.5.0
2022-06	RAN#96	R5-223782	1718	1	F	Addition of Annex F for Tx Diversity test cases	17.5.0
2022-06	RAN#96	R5-223785	1709	1	F	Addition of Redcap MOP 6.2I.1	17.5.0
2022-06	RAN#96	R5-223786	1710	1	F	Addition of Redcap MPR 6.2I.2	17.5.0
2022-06	RAN#96	R5-223787	1711	1	F	Addition of Redcap AMPR 6.2I.3	17.5.0
2022-06	RAN#96	R5-223788	1712	1	F	Addition of Redcap configured output power 6.2I.4	17.5.0
2022-06	RAN#96	R5-223789	1704	1	F	Addition of Reference sensitivity TC for RedCap	17.5.0
2022-06	RAN#96	R5-223790	1705	1	F	Addition of redcap general requirement into clause 3-5	17.5.0
2022-06	RAN#96	R5-223804	1624	1	F	Moving additional tolerance in 6.2A.3.1.5 and 6.2D.3.5 to end of the section	17.5.0
2022-06	RAN#96	R5-223805	1670	1	F	Correction to time mask test cases	17.5.0
2022-06	RAN#96	R5-223806	1672	1	F	Correction to RB allocation and test requirement in 6.2.3	17.5.0
2022-06	RAN#96	R5-223807	1673	1	F	Correction to DCI format in 6.4.2.1	17.5.0
2022-06	RAN#96	R5-223809	1708	1	F	Update to MPR test requirements to remove ambiguity of T <sub>LC</sub>	17.5.0
2022-06	RAN#96	R5-223810	1743	1	F	Correction to Test Channel Bandwidths for FR1 CA	17.5.0
2022-06	RAN#96	R5-223811	1744	1	F	Editorial correction to test requirement of Aggregate power tolerance for UL MIMO	17.5.0
2022-06	RAN#96	R5-223812	1752	1	F	Update 6.2.3 for additional maximum power reduction	17.5.0
2022-06	RAN#96	R5-223813	1675	1	F	Clarification of BCS in test configuration of CA test cases	17.5.0
2022-06	RAN#96	R5-223872	1698	1	F	Update 6.4.2.1a EVM including symbols with transient period	17.5.0
2022-06	RAN#96	R5-223873	1755	1	F	Update for 6.3.3.1 General clause of Tx ON-OFF time mask	17.5.0
2022-06	RAN#96	R5-223875	1699	2	F	Update AMPR for NS_04	17.5.0
2022-09	RAN#97	R5-224167	1757	-	F	Addition of NR-DC into symbols clause 3.2	17.6.0
2022-09	RAN#97	R5-224169	1758	-	F	Introduction of General spurious emissions requirements for CA_n48A-n70A	17.6.0
2022-09	RAN#97	R5-224170	1759	-	F	Introduction of Spurious emissions band UE co-existence Test configurations for CA_n48A-n70A	17.6.0
2022-09	RAN#97	R5-224171	1760	-	F	Introduction of Reference sensitivity for inter-band NR-DC in FR1	17.6.0
2022-09	RAN#97	R5-224172	1761	-	F	Introduction of Maximum input level for inter-band NR-DC in FR1	17.6.0
2022-09	RAN#97	R5-224173	1762	-	F	Introduction of Adjacent channel selectivity for inter-band NR-DC in FR1	17.6.0
2022-09	RAN#97	R5-224174	1763	-	F	Introduction of Blocking characteristics for inter-band NR-DC in FR1	17.6.0
2022-09	RAN#97	R5-224175	1764	-	F	Introduction of Spurious response for inter-band NR-DC in FR1	17.6.0

2022-09	RAN#97	R5-224176	1765	-	F	Introduction of Intermodulation characteristics for inter-band NR-DC in FR1	17.6.0
2022-09	RAN#97	R5-224177	1766	-	F	Introduction of Spurious emissions for inter-band NR-DC in FR1	17.6.0
2022-09	RAN#97	R5-224205	1767	-	F	Addition of 30 MHz ChBW to NS_27 for testing of A-MPR	17.6.0
2022-09	RAN#97	R5-224206	1768	-	F	Addition of 30 MHz ChBW for testing of NS_27 additional spectrum emission mask and spurious emissions	17.6.0
2022-09	RAN#97	R5-224222	1771	-	F	Update of A-SE for n39	17.6.0
2022-09	RAN#97	R5-224231	1772	-	F	Update Reference sensitivity exceptions for CA_n3A-n41A	17.6.0
2022-09	RAN#97	R5-224241	1776	-	F	Correction of additional tolerance to test requirement in 6.2F.1.5 and 6.2F.3.5	17.6.0
2022-09	RAN#97	R5-224242	1777	-	F	Adding additional tolerance to test requirement of TxD Transmitter power test cases	17.6.0
2022-09	RAN#97	R5-224243	1778	-	F	Correction of additional test points for asymmetric channel bandwidths in Rx test cases	17.6.0
2022-09	RAN#97	R5-224244	1779	-	F	Correction of Table 7.3F.2.4.1-1	17.6.0
2022-09	RAN#97	R5-224245	1780	-	F	Removing of n91, n92, n93 and n94 from 7.3I.2	17.6.0
2022-09	RAN#97	R5-224246	1781	-	F	Removing of n91, n92, n93 and n94 from 7.6.2	17.6.0
2022-09	RAN#97	R5-224274	1786	-	F	Update of MOP test case for UL CA_n1A-n78A	17.6.0
2022-09	RAN#97	R5-224289	1792	-	F	Updates of clause 5 for R15 bands and CBW configurations	17.6.0
2022-09	RAN#97	R5-224291	1793	-	F	7.3A.1_1 - Test requirements corrections	17.6.0
2022-09	RAN#97	R5-224292	1794	-	F	NS_15 minimum requirements missing in test case 6.5.3.3	17.6.0
2022-09	RAN#97	R5-224293	1795	-	F	Requirement correction for ON power in test 6.3D.3	17.6.0
2022-09	RAN#97	R5-224300	1802	-	F	7.3.2 - Test requirements corrections	17.6.0
2022-09	RAN#97	R5-224301	1803	-	F	General clean up in 38.521-1 annex F	17.6.0
2022-09	RAN#97	R5-224617	1808	-	F	Addition of test requirement for CA_n77C in 7.3A.1	17.6.0
2022-09	RAN#97	R5-224628	1811	-	F	Correction to interference values in Rx test cases	17.6.0
2022-09	RAN#97	R5-224765	1812	-	F	Update to 6.2D.3 to add AMPR NS_04 for ULFPTx	17.6.0
2022-09	RAN#97	R5-224767	1814	-	F	Update to 6.5D.2.3 to add A-SEM NS_04 for ULFPTx	17.6.0
2022-09	RAN#97	R5-224779	1815	-	F	Addition of 6.3G.1 Minimum output power for Tx Diversity	17.6.0
2022-09	RAN#97	R5-224780	1816	-	F	Addition of 6.3G.2 Transmit OFF power for Tx Diversity	17.6.0
2022-09	RAN#97	R5-224781	1817	-	F	Addition of 6.3G.3.1 General ON/OFF time mask for Tx Diversity	17.6.0
2022-09	RAN#97	R5-224782	1818	-	F	Addition of 6.3G.3.2 PRACH time mask for Tx Diversity	17.6.0
2022-09	RAN#97	R5-224783	1819	-	F	Addition of 6.3G.3.3 SRS time mask for Tx Diversity	17.6.0
2022-09	RAN#97	R5-224784	1820	-	F	Addition of 6.3G.4.2 Relative power tolerance for Tx Diversity	17.6.0
2022-09	RAN#97	R5-224785	1821	-	F	Addition of 6.3G.4.3 Aggregate power tolerance for Tx Diversity	17.6.0
2022-09	RAN#97	R5-224790	1826	-	F	Update of Annex F to add 6.3G and 6.4G new test cases	17.6.0
2022-09	RAN#97	R5-224811	1827	-	F	Addition of 6.3F.1 Minimum output power for NR-U	17.6.0
2022-09	RAN#97	R5-224812	1828	-	F	Addition of 6.4F.1 Frequency error for NR-U	17.6.0
2022-09	RAN#97	R5-224830	1832	-	F	Update configuration table of 6.5D.2.3 to refer to AMPR	17.6.0
2022-09	RAN#97	R5-224831	1833	-	F	Update to SEM for CA	17.6.0
2022-09	RAN#97	R5-224832	1834	-	F	Update to SEM for SUL	17.6.0
2022-09	RAN#97	R5-224834	1835	-	F	Update to MOP for CA to add CA_41C PC2	17.6.0
2022-09	RAN#97	R5-224835	1836	-	F	Update to MPR for CA to add CA_41C PC2	17.6.0
2022-09	RAN#97	R5-224837	1837	-	F	Update to configured output power for CA to add CA_41C PC2	17.6.0
2022-09	RAN#97	R5-224838	1838	-	F	Update to SEM for CA to add CA_41C PC2	17.6.0
2022-09	RAN#97	R5-224843	1840	-	F	Update to MOP to add PC2 TxD requirements for band n1 and n3	17.6.0
2022-09	RAN#97	R5-224857	1843	-	F	Addition of n3 CBW 35MHz, 45MHz into refsens	17.6.0
2022-09	RAN#97	R5-224874	1847	-	F	Updating A-MPR Test Case for CA_n24-n41	17.6.0
2022-09	RAN#97	R5-224875	1848	-	F	Updating A-MPR Test Case for CA_n24-n48	17.6.0
2022-09	RAN#97	R5-224876	1849	-	F	Updating A-MPR Test Case for CA_n24-n77	17.6.0
2022-09	RAN#97	R5-224885	1850	-	F	Correction of 6.5.3.3 for NS_14	17.6.0
2022-09	RAN#97	R5-224899	1852	-	F	Update IBB for NR-U	17.6.0
2022-09	RAN#97	R5-224900	1853	-	F	Adding OOB blocking for NR-U	17.6.0
2022-09	RAN#97	R5-224902	1854	-	F	Introduction of Spurious response for NR_U	17.6.0
2022-09	RAN#97	R5-224904	1855	-	F	Addition of Wide band Intermodulation for NR_U	17.6.0
2022-09	RAN#97	R5-224905	1856	-	F	Update TT for NR_U test cases	17.6.0
2022-09	RAN#97	R5-224935	1859	-	F	Corrections on requirements of A-MPR for NS_05 and NS_05U	17.6.0
2022-09	RAN#97	R5-224941	1860	-	F	Update of reference sensitivity power level for 3DL CA	17.6.0

2022-09	RAN#97	R5-224982	1863	-	F	Update of MOP TC to add PC2 requirements for band n1 and n3	17.6.0
2022-09	RAN#97	R5-225003	1865	-	F	Editorial correction to UTRA ACLR test cases	17.6.0
2022-09	RAN#97	R5-225011	1866	-	F	Add new test case 6.5G.3.1	17.6.0
2022-09	RAN#97	R5-225033	1869	-	F	Update to test coverage rules in FR1 SA RF tests	17.6.0
2022-09	RAN#97	R5-225058	1873	-	F	Addition of 4Rx for FDD band n8 into TC 7.3.2	17.6.0
2022-09	RAN#97	R5-225063	1874	-	F	Update MOP PC2 testing for CA_n41A-n79A	17.6.0
2022-09	RAN#97	R5-225064	1875	-	F	Updating test configurations for SUL test cases	17.6.0
2022-09	RAN#97	R5-225068	1877	-	F	Correction to AMPR test requirement for NS_04	17.6.0
2022-09	RAN#97	R5-225069	1878	-	F	Updating structure of clause 6.3C.3 Transmit ON/OFF time mask for SUL	17.6.0
2022-09	RAN#97	R5-225070	1879	-	F	Updating TT in Annex F for R15 time mask test cases	17.6.0
2022-09	RAN#97	R5-225071	1880	-	F	Updating test case 6.3.3.2 General ON/OFF time mask	17.6.0
2022-09	RAN#97	R5-225072	1881	-	F	Updating AMPR for NS_47 PC2 almost contiguous RB allocation testing	17.6.0
2022-09	RAN#97	R5-225078	1884	-	F	Updating MU and TT in Annex F for several time mask test cases	17.6.0
2022-09	RAN#97	R5-225079	1885	-	F	Updating Occupied bandwidth for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225080	1886	-	F	Updating Occupied bandwidth for UL MIMO for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225081	1887	-	F	Updating SRS time mask test case for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225082	1888	-	F	Updating Spectrum Emission Mask for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225083	1889	-	F	Updating Absolute power tolerance for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225084	1890	-	F	Updating Absolute power tolerance for UL MIMO for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225085	1891	-	F	Updating Relative power tolerance for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225086	1892	-	F	Updating Relative power tolerance for UL MIMO for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225089	1895	-	F	Adding new test case MOP for SUL with UL MIMO	17.6.0
2022-09	RAN#97	R5-225091	1896	-	F	Adding MU and TT for new SUL and UL MIMO test case	17.6.0
2022-09	RAN#97	R5-225113	1897	-	F	Correction for CA_n41A-n79A	17.6.0
2022-09	RAN#97	R5-225114	1898	-	F	Editorial correction of common uplink configuration	17.6.0
2022-09	RAN#97	R5-225168	1900	-	F	Updating ACLR for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225169	1901	-	F	Updating Maximum input level for UL MIMO for 45MHz CBW	17.6.0
2022-09	RAN#97	R5-225683	1858	1	F	Update of Refsens TC for RedCap UE in 7.3I	17.6.0
2022-09	RAN#97	R5-225687	1769	1	F	Update test procedure of MOP for TxD	17.6.0
2022-09	RAN#97	R5-225689	1770	1	F	Update test procedure of MOP	17.6.0
2022-09	RAN#97	R5-225702	1805	1	F	Updating Spurious emission for UE co-existence TC for CA_n2-n77, CA_n5-n77, CA_n66-n77	17.6.0
2022-09	RAN#97	R5-225703	1806	1	F	Update Rx Requirements for additional Rel-16 CA combos	17.6.0
2022-09	RAN#97	R5-225704	1902	1	F	General updates of clause 5 for R16 CADC configurations	17.6.0
2022-09	RAN#97	R5-225718	1756	1	F	Correction to UL Configuration for Band n14 REFSSENS	17.6.0
2022-09	RAN#97	R5-225720	1851	1	F	Update 6.5.3 Spur-emiss R16_17	17.6.0
2022-09	RAN#97	R5-225721	1882	1	F	Adding ON/OFF time mask for Tx Uplink switching testing for SUL	17.6.0
2022-09	RAN#97	R5-225722	1883	1	F	Updating test case 6.3A.3.1_1 Time mask for switching between two uplink carriers	17.6.0
2022-09	RAN#97	R5-225723	1810	1	F	Correction to CA configuration in 7.4A.2	17.6.0
2022-09	RAN#97	R5-225728	1844	1	F	Addition of n8 CBW 35MHz into refsens	17.6.0
2022-09	RAN#97	R5-225729	1791	1	F	General updates of clause 5 for R17 new CBW configurations	17.6.0
2022-09	RAN#97	R5-225733	1845	1	F	Addition of TX spurious emissions test points for seven UL CA combinations	17.6.0
2022-09	RAN#97	R5-225734	1846	1	F	Addition many 4CA NR combinations to reference sensitivity test	17.6.0
2022-09	RAN#97	R5-225735	1868	1	F	General updates of clause 5 for R17 CADC configurations	17.6.0
2022-09	RAN#97	R5-225750	1829	1	F	Add PC2 test configuration and requirement table for n1 A-MPR	17.6.0
2022-09	RAN#97	R5-225751	1785	1	F	Introduction of REFSSENS test requirements for PC2 UL CA_n1A-n78A	17.6.0
2022-09	RAN#97	R5-225753	1788	1	F	TxD MPR test requirements for PC 1.5 FWA UEs	17.6.0
2022-09	RAN#97	R5-225754	1790	1	F	UL MIMO MPR Tests for PC1.5 UEs	17.6.0
2022-09	RAN#97	R5-225756	1789	1	F	TxD A-MPR test requirements for NS_04	17.6.0
2022-09	RAN#97	R5-225757	1822	1	F	Addition of 6.4G.1 Frequency error for Tx Diversity	17.6.0

2022-09	RAN#97	R5-225758	1823	1	F	Addition of 6.4G.2.2 Carrier leakage for Tx Diversity	17.6.0
2022-09	RAN#97	R5-225759	1824	1	F	Addition of 6.4G.2.3 In-band emissions for Tx Diversity	17.6.0
2022-09	RAN#97	R5-225760	1825	1	F	Addition of 6.4G.2.4 EVM equalizer spectrum flatness for Tx Diversity	17.6.0
2022-09	RAN#97	R5-225761	1862	1	F	Add new test case 6.5G.1	17.6.0
2022-09	RAN#97	R5-225762	1867	1	F	Add new test case 6.5G.4	17.6.0
2022-09	RAN#97	R5-225763	1871	1	F	Updates to receiver requirements for TxD scenarios	17.6.0
2022-09	RAN#97	R5-225768	1864	1	F	Update of PC2 UE requirements for band n1 and n3 into TC 7.3.2	17.6.0
2022-09	RAN#97	R5-225784	1775	1	F	Correction of additional tolerance to test requirement of R15 Transmitter power test cases	17.6.0
2022-09	RAN#97	R5-225785	1782	1	F	Editorial correction to TC 6.5.3.3	17.6.0
2022-09	RAN#97	R5-225786	1787	1	F	Corrections to A-MPR test requirements for NS_04	17.6.0
2022-09	RAN#97	R5-225787	1796	1	F	Test procedure and requirement correction in OBW test 6.5D.1	17.6.0
2022-09	RAN#97	R5-225788	1831	1	F	Update to 6.2D.3 to align NS_04 test configuration with 6.2.3	17.6.0
2022-09	RAN#97	R5-225789	1876	1	F	Updating Additional emission test cases for NS_xxU	17.6.0
2022-09	RAN#97	R5-225790	1899	1	F	Correction of UL MIMO A-MPR test case	17.6.0
2022-09	RAN#97	R5-225791	1773	1	F	Addition of Operating bands in Table 5.2-1	17.6.0
2022-09	RAN#97	R5-225869	1809	1	F	Correction to EVM measurement point for DFTs-OFDM DM-RS Type 2	17.6.0
2022-10	RAN#97	R5-225687	1769	1	F	re-implementation of R5-225687 which was only partly according to latest spec	17.6.1
2022-12	RAN#98	R5-225950	1904		F	Editorial and reference corrections to MPR for NR-DC	17.7.0
2022-12	RAN#98	R5-225955	1905		F	Adding UE maximum output power for new NR bands n91, n92, n93 and n94	17.7.0
2022-12	RAN#98	R5-225957	1907		F	Adding UE additional maximum output power reduction for new NR bands n91, n92, n93 and n94	17.7.0
2022-12	RAN#98	R5-225958	1908		F	Adding spurious emissions for UE co-existence for new NR bands n91, n92, n93 and n94	17.7.0
2022-12	RAN#98	R5-225959	1909		F	Adding Reference sensitivity power level for new NR bands n91, n92, n93 and n94	17.7.0
2022-12	RAN#98	R5-225960	1910		F	Adding in-band blocking for new NR bands n91, n92, n93 and n94	17.7.0
2022-12	RAN#98	R5-225961	1911		F	Adding Out-of-band blocking for new NR bands n91, n92, n93 and n94	17.7.0
2022-12	RAN#98	R5-226013	1913		F	Corrections and additions of Rel-15 band combinations in NR CA spurious emission UE co-existence test case 6.5A.3.2.1	17.7.0
2022-12	RAN#98	R5-226014	1914		F	Corrections and additions of Rel-16 band combinations in NR CA spurious emission UE co-existence test case 6.5A.3.2.1	17.7.0
2022-12	RAN#98	R5-226015	1915		F	Corrections and additions of Rel-17 band combinations in NR CA spurious emission UE co-existence test case 6.5A.3.2.1	17.7.0
2022-12	RAN#98	R5-226087	1919		F	FR1 Narrow band blocking - corrections for inter-band and intra-band non-contiguous	17.7.0
2022-12	RAN#98	R5-226334	1943		F	Update A-MPR test requirement for NS_47 for CA_n41A-n79A	17.7.0
2022-12	RAN#98	R5-226358	1945		F	Removal of R15 FR1 pending CA configs from cl 6	17.7.0
2022-12	RAN#98	R5-226362	1949		F	Removal of R16 FR1 pending CA configs from cl 7	17.7.0
2022-12	RAN#98	R5-226363	1950		F	Removal of R17 FR1 pending CA configs from cl 5	17.7.0
2022-12	RAN#98	R5-226520	1958		F	Corrections and additions of Rel-15 band combinations in NR CA general spurious emission test case 6.5A.3.1	17.7.0
2022-12	RAN#98	R5-226595	1965		F	Update for 7.3I Ref sensitivity for RedCap	17.7.0
2022-12	RAN#98	R5-226722	1971		F	General updates of clause 5 for R17 new CBW configurations	17.7.0
2022-12	RAN#98	R5-226729	1975		F	General updates of clause 5 for R17 CADDC configurations	17.7.0
2022-12	RAN#98	R5-226753	1979		F	Editorial correction to UTRA ACLR test cases	17.7.0
2022-12	RAN#98	R5-226755	1980		F	Updated to test applicability of UL MIMO test 6.2D.3	17.7.0
2022-12	RAN#98	R5-226762	1981		F	Correction to title in Annex F for TC7.8D.2	17.7.0
2022-12	RAN#98	R5-226763	1982		F	Correction to title of TC7.8F.2	17.7.0
2022-12	RAN#98	R5-226765	1983		F	Editorial correction to clause 4.3 description	17.7.0

2022-12	RAN#98	R5-226849	1993		F	Adding new FR1 test case Configured Transmitted Power for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226850	1994		F	Adding new FR1 test case Minimum output power for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226851	1995		F	Adding new FR1 test case Transmit OFF power for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226853	1997		F	Adding new FR1 test case REFSSENS for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226854	1998		F	Adding new FR1 test case REFSSENS for SUL with UL MIMO and DL CA	17.7.0
2022-12	RAN#98	R5-226855	1999		F	Adding new FR1 test case Maximum input level for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226856	2000		F	Adding new FR1 test case Adjacent channel selectivity for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226857	2001		F	Adding new FR1 test case In-band blocking for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226858	2002		F	Adding new FR1 test case Out-of-band blocking for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226859	2003		F	Adding new FR1 test case Narrow band blocking for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226860	2004		F	Adding new FR1 test case Spurious response for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226861	2005		F	Adding new FR1 test case Wide band Intermodulation for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-226866	2007		F	Updating Spectrum emission mask for UL MIMO for 45MHz CBW	17.7.0
2022-12	RAN#98	R5-226914	2024		F	Updating Annex E for TxD test cases	17.7.0
2022-12	RAN#98	R5-226915	2025		F	Updating Annex F for TxD test cases	17.7.0
2022-12	RAN#98	R5-226920	2026		F	Correction to spurious emission co-existence	17.7.0
2022-12	RAN#98	R5-226937	2027		F	Updating MU and TT for new test cases for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-227064	2028		F	Suffix definition for Tx Diversity clauses	17.7.0
2022-12	RAN#98	R5-227079	2032		F	Correction to DFT-s RB allocation for CBW 45 MHz	17.7.0
2022-12	RAN#98	R5-227080	2033		F	Correction to test configuration and test requirements tables in 6.2.3	17.7.0
2022-12	RAN#98	R5-227081	2034		F	Addition of intra-band CA configurations to 3CA Rx test cases	17.7.0
2022-12	RAN#98	R5-227082	2035		F	Correction to test procedure of 7.6A.2.2	17.7.0
2022-12	RAN#98	R5-227083	2036		F	Correction to applicability of 7.3A.2	17.7.0
2022-12	RAN#98	R5-227102	2038		F	Updates to common uplink configuration	17.7.0
2022-12	RAN#98	R5-227103	2039		F	Editorial updates to common uplink configuration	17.7.0
2022-12	RAN#98	R5-227116	2041		F	Update of MOP TC for RedCap	17.7.0
2022-12	RAN#98	R5-227221	2042		F	Corrections and additions of Rel-17 band combinations in NR CA general spurious emission test case 6.5A.3.1	17.7.0
2022-12	RAN#98	R5-227237	2044		F	Update CBW 35MHz for n3, n8 into TC 6.3.1, 6.3.2 and 6.3.3.6	17.7.0
2022-12	RAN#98	R5-227246	2045		F	Update CBW 35MHz into clause 6.5.1	17.7.0
2022-12	RAN#98	R5-227301	2051		F	Introduction of CA_n48A-n77A and CA_n71A-n77A Rx requirements	17.7.0
2022-12	RAN#98	R5-227320	2052		F	Addition of new annex I for ModifiedMPR-Behavior	17.7.0
2022-12	RAN#98	R5-227321	2053		F	Updates to annex I ModifiedMPR-Behavior for band n30	17.7.0
2022-12	RAN#98	R5-227323	2055		F	Updates to annex I ModifiedMPR-Behavior for bands n77 and n78	17.7.0
2022-12	RAN#98	R5-227324	2056		F	Updates to annex I ModifiedMPR-Behavior for band n79	17.7.0
2022-12	RAN#98	R5-227728	1941	1	F	Style correction in 7.8A.2	17.7.0
2022-12	RAN#98	R5-227729	1936	1	F	Style correction for 6.3C.3.2	17.7.0
2022-12	RAN#98	R5-227730	1931	1	F	Style correction in 6.2B.4.0	17.7.0
2022-12	RAN#98	R5-227731	1933	1	F	Style correction in 6.2D.2.5	17.7.0
2022-12	RAN#98	R5-227732	1951	1	F	Removal of R17 FR1 pending CA configs from cl 7	17.7.0
2022-12	RAN#98	R5-227733	1921	1	F	Correct Table 6.2.3.4.1-4a A-MPR test configuration table	17.7.0
2022-12	RAN#98	R5-227734	1922	1	F	Correction of A-MPR setting in Table 6.2.3.5-6a	17.7.0
2022-12	RAN#98	R5-227735	1923	1	F	Correct Table 6.2.3.3.4-5 A-MPR specification table number	17.7.0
2022-12	RAN#98	R5-227736	1920	1	F	Update Table 6.2A.2.1.4.1-1 band definition	17.7.0
2022-12	RAN#98	R5-227737	1924	1	F	Update Table 6.5A.2.2.1.4.1-1 definition of powerBoostPi2BPSK setting	17.7.0



2022-12	RAN#98	R5-227738	1926	1	F	Correct n41 MSD test frequency of 7.3A	17.7.0
2022-12	RAN#98	R5-227739	1927	1	F	Update 7.3C.1 frequency description	17.7.0
2022-12	RAN#98	R5-227740	2054	1	F	Updates to annex I ModifiedMPR-Behavior for band n41 power class 1.5	17.7.0
2022-12	RAN#98	R5-227741	1959	1	F	Addition of 6.4F.2.1 EVM for NR-U	17.7.0
2022-12	RAN#98	R5-227742	1957	1	F	Correction on REFSENS test requirements for CA PC2	17.7.0
2022-12	RAN#98	R5-227743	1952	1	F	Update a few NRCA combos in deltaTIB,c table	17.7.0
2022-12	RAN#98	R5-227744	1963	1	F	Update General spurious emissions for CA_n2A-n5A	17.7.0
2022-12	RAN#98	R5-227745	1964	1	F	General spurious emissions for CA_n2A-n48A	17.7.0
2022-12	RAN#98	R5-227746	1962	1	F	Update Ref sense for CA_n2A-n5A	17.7.0
2022-12	RAN#98	R5-227747	2037	1	F	Update to Transmit ON OFF time mask for UL MIMO	17.7.0
2022-12	RAN#98	R5-227748	2040	1	F	Addition of test point in ref sensitivity for CA_n41A-n66A/-	17.7.0
2022-12	RAN#98	R5-227749	1978	1	F	General updates of clause 5 for R16 CADC configurations	17.7.0
2022-12	RAN#98	R5-227750	1934	1	F	Removal of FFS for Table 6.2E.1.1.4.1-1 and Table 6.2E.1.1D.4.1-1	17.7.0
2022-12	RAN#98	R5-227751	1940	1	F	Correction of clause number in 7.7F.1.4.1	17.7.0
2022-12	RAN#98	R5-227753	1929	1	F	Correction of test applicability and test requirement of 6.2.3	17.7.0
2022-12	RAN#98	R5-227754	1930	1	F	Addition of message contents exceptions for network signalling value NS_03 of n86	17.7.0
2022-12	RAN#98	R5-227755	1932	1	F	Correction of 6.2C.5 for n86	17.7.0
2022-12	RAN#98	R5-227756	1935	1	F	Correction of initial condition description in 6.3.4.2.4.1	17.7.0
2022-12	RAN#98	R5-227757	1939	1	F	Addition of NS_3U in 6.5C.2.3 for n86	17.7.0
2022-12	RAN#98	R5-227758	2006	1	F	Updating REFSENS testing for n79 new CBW	17.7.0
2022-12	RAN#98	R5-227759	1992	1	F	Adding new FR1 test case MOP for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-227760	2046	1	F	Corrections on MOP band edge relaxation for intra-band contiguous and non-contiguous CA band combinations	17.7.0
2022-12	RAN#98	R5-227761	2049	1	F	Introduction of CA_n71A-n77A Transmitter power requirements	17.7.0
2022-12	RAN#98	R5-227870	1976	1	F	General updates of clause 5 for R16 new CBW configurations	17.7.0
2022-12	RAN#98	R5-227896	1953	1	F	Update Rx Requirements for CA_n66A-n77A	17.7.0
2022-12	RAN#98	R5-227898	1954	1	F	Update a few frequency selections in test configuration tables	17.7.0
2022-12	RAN#98	R5-227899	1955	1	F	Update reference sensitivity requirement table	17.7.0
2022-12	RAN#98	R5-227900	1916	1	F	almost contiguous allocation correction in MPR and A-MPR test cases	17.7.0
2022-12	RAN#98	R5-227901	1917	1	F	almost contiguous allocation correction in SEM test case	17.7.0
2022-12	RAN#98	R5-227902	1918	1	F	almost contiguous allocation correction in TxD MPR test case	17.7.0
2022-12	RAN#98	R5-227903	1966	1	F	Test configuration table correction for NS_04 in 6.5D.2.3	17.7.0
2022-12	RAN#98	R5-227905	2008	1	F	Updating AMPR for NS_49 for 45MHz CBW	17.7.0
2022-12	RAN#98	R5-227906	2009	1	F	Updating Additional Spurious emission testing for NS_49 for 45MHz	17.7.0
2022-12	RAN#98	R5-227913	2011	1	F	Updating 6.2.2, 6.2D.2 and 6.2G.2 to coordinate the MPR test	17.7.0
2022-12	RAN#98	R5-227917	1984	1	F	Corrections and additions of Rel-16 band combinations in NR CA general spurious emission test case 6.5A.3.1	17.7.0
2022-12	RAN#98	R5-227918	2050	1	F	Introduction of CA_n71A-n77A Spurious emissions requirements	17.7.0
2022-12	RAN#98	R5-227919	1947	1	F	Removal of R16 FR1 pending CA configs from cl 5	17.7.0
2022-12	RAN#98	R5-227920	1906	1	F	Adding UE maximum output power reduction for new NR bands n91, n92, n93 and n94	17.7.0
2022-12	RAN#98	R5-227921	1960	1	F	Addition of 6.5F.1 Occupied bandwidth for NR-U	17.7.0
2022-12	RAN#98	R5-227922	1970	1	F	Adding 6.5F.4 Transmit intermod for NR-U	17.7.0
2022-12	RAN#98	R5-227923	1973	1	F	Introduction of 6.4F.2.2 Carrier leakage for NR-U	17.7.0
2022-12	RAN#98	R5-227924	1977	1	F	Update 6.5F.3.1 General spurious emissions for NR-U	17.7.0
2022-12	RAN#98	R5-227925	1968	1	F	Update 7.5F.1 ACS for NR-U	17.7.0
2022-12	RAN#98	R5-227926	1969	1	F	Update 7.3F.2 Ref sensitivity for NR-U	17.7.0
2022-12	RAN#98	R5-227927	1972	1	F	Update 7.6F.2.1 IBB for NR-U	17.7.0
2022-12	RAN#98	R5-227928	1974	1	F	Update MU and TT for NR_U test cases	17.7.0
2022-12	RAN#98	R5-227930	1991	1	F	Update MOP PC2 testing for CA_n41A-n79A	17.7.0
2022-12	RAN#98	R5-227931	1996	1	F	Adding new FR1 test case Transmit ON/OFF time mask for SUL with UL MIMO	17.7.0
2022-12	RAN#98	R5-227934	2031	1	F	Limit transmit modulation quality for Tx Diversity to power per any antenna connector higher than a threshold	17.7.0

2022-12	RAN#98	R5-227935	2043	1	F	Update of 7.3.2 Reference sensitivity power level for redcap	17.7.0
2022-12	RAN#98	R5-227936	2057	1	F	Additional requirements and A-MPR for NS_21 and n30	17.7.0
2022-12	RAN#98	R5-227938	1938	1	F	Addition of test configuration, test procedure and test requirement for NS_41 and NS_42 in 6.5.3.3	17.7.0
2022-12	RAN#98	R5-227939	1946	1	F	Removal of R15 FR1 pending CA configs from cl 7	17.7.0
2022-12	RAN#98	R5-227940	1944	1	F	Removal of R15 FR1 pending CA configs from cl 5	17.7.0
2022-12	RAN#98	R5-227942	1948	1	F	Removal of R16 FR1 pending CA configs from cl 6	17.7.0
2022-12	RAN#98	R5-228045	1956	1	F	Correction on configured transmitted power requirements for CA PC2	17.7.0
2022-12	RAN#98	R5-228053	1985	1	F	Add new test case 6.5G.3.2	17.7.0
2022-12	RAN#98	R5-228054	1986	1	F	Add new test case 6.5G.3.3	17.7.0
2022-12	RAN#98	R5-228055	1987	1	F	Configured transmitted power for Tx Diversity	17.7.0
2022-12	RAN#98	R5-228056	2010	1	F	Updating 6.2.1, 6.2D.1 and 6.2G.1 to coordinate the MOP test	17.7.0
2022-12	RAN#98	R5-228057	2012	1	F	Updating 6.2.4 and 6.2D.4 to coordinate the Configured transmitted power test	17.7.0
2022-12	RAN#98	R5-228058	2013	1	F	Updating 6.3, 6.3D and 6.3G to coordinate the output power dynamic test	17.7.0
2022-12	RAN#98	R5-228059	2014	1	F	Addition of 6.3G.4.1 absolute power tolerance for TxD	17.7.0
2022-12	RAN#98	R5-228060	2015	1	F	Updating 6.4, 6.4D and 6.4G to coordinate the transmit signal quality test	17.7.0
2022-12	RAN#98	R5-228061	2016	1	F	Addition of 6.4G.2.1 EVM for TxD	17.7.0
2022-12	RAN#98	R5-228062	2017	1	F	Updating 6.5, 6.5D and 6.5G to coordinate the output spectrum emission test	17.7.0
2022-12	RAN#98	R5-228063	2018	1	F	Addition of 6.5G.2.1 SEM for TxD	17.7.0
2022-12	RAN#98	R5-228064	2019	1	F	Addition of 6.5G.2.2 A-SEM for TxD	17.7.0
2022-12	RAN#98	R5-228065	2020	1	F	Addition of 6.5G.2.3.2 UTRA ACLR for TxD	17.7.0
2022-12	RAN#98	R5-228066	2023	1	F	Updating section 7 for TxD	17.7.0
2023-03	RAN#99	R5-230068	2059	-	F	Adding UE maximum output power for new NR bands n100, n101	17.8.0
2023-03	RAN#99	R5-230069	2060	-	F	Adding UE maximum output power reduction for new NR bands n100, n101	17.8.0
2023-03	RAN#99	R5-230070	2061	-	F	Adding UE additional maximum output power reduction for new NR bands n100, n101	17.8.0
2023-03	RAN#99	R5-230072	2063	-	F	Adding Reference sensitivity power level for new NR bands n100, n101	17.8.0
2023-03	RAN#99	R5-230073	2064	-	F	Adding in-band blocking for new NR bands n100, n101	17.8.0
2023-03	RAN#99	R5-230074	2065	-	F	Adding Out-of-band blocking for new NR bands n100, n101	17.8.0
2023-03	RAN#99	R5-230075	2066	-	F	Adding Narrowband blocking for new NR bands n100, n101	17.8.0
2023-03	RAN#99	R5-230091	2069	-	F	Update of the conformance requirements for the configured transmitted power for Inter-band CA	17.8.0
2023-03	RAN#99	R5-230218	2070	-	F	Clarification on editors note of EVM including symbols with transient period	17.8.0
2023-03	RAN#99	R5-230283	2077	-	F	Update minimum requirements of reference sensitivity exceptions due to intermodulation interference for 3DL/2UL cases of CA_n2A-n5A-n77A, CA_n2A-n66A-n77A, and CA_n5A-n66A-n77A	17.8.0
2023-03	RAN#99	R5-230284	2078	-	F	Update delta TIB,c for CA_n2A-n5A-n77A, CA_n2A-n66A-n77A, and CA_n5A-n66A-n77A	17.8.0
2023-03	RAN#99	R5-230285	2079	-	F	Update delta RIB,c for CA_n2A-n5A-n77A, CA_n2A-n66A-n77A, and CA_n5A-n66A-n77A	17.8.0
2023-03	RAN#99	R5-230286	2080	-	F	Update Chapter 5 for inter-band NR CA configurations of three bands CA_n2A-n5A-n77A, CA_n2A-n66A-n77A, and CA_n5A-n66A-n77A	17.8.0
2023-03	RAN#99	R5-230303	2081	-	F	FR1 - ACLR requirements for PC3 missing in 6.5G.2.3.1	17.8.0
2023-03	RAN#99	R5-230304	2082	-	F	FR1 - Out-of-band blocking 3DL and 4DL CA - carrier selection correction	17.8.0
2023-03	RAN#99	R5-230311	2089	-	F	FR1 ACS and IBB 2DL CA - Corrections for n48-n77 case	17.8.0
2023-03	RAN#99	R5-230312	2090	-	F	FR1 - SRS time mask - P-max to be limited to 23dBm	17.8.0
2023-03	RAN#99	R5-230551	2092	-	F	Style correction in 6.2.2.2 and removal of PC 1.5 from 6.2.2.3	17.8.0
2023-03	RAN#99	R5-230552	2093	-	F	Correction of test applicability of 6.2.3	17.8.0
2023-03	RAN#99	R5-230553	2094	-	F	Editorial correction of style for clause heading of 6.3A.3.1	17.8.0
2023-03	RAN#99	R5-230554	2095	-	F	Editorial correction of style for table heading of Table 6.3D.3.4.3-1	17.8.0

2023-03	RAN#99	R5-230555	2096	-	F	Editorial correction for test applicability in 6.5.2.3.2	17.8.0
2023-03	RAN#99	R5-230556	2097	-	F	Correction of test applicability and test description of 6.5.3.3	17.8.0
2023-03	RAN#99	R5-230557	2098	-	F	Editorial correction for table titles in 6.5C	17.8.0
2023-03	RAN#99	R5-230558	2099	-	F	Editorial correction for subclause number in 6.5E.3.2.1D	17.8.0
2023-03	RAN#99	R5-230561	2102	-	F	Editorial correction for content style in test applicability section of some TxD test cases	17.8.0
2023-03	RAN#99	R5-230562	2103	-	F	Addition of subclause F.1.0	17.8.0
2023-03	RAN#99	R5-230678	2110	-	F	Correction in 6.2D.4 to cover power boost Pi/2 BPSK	17.8.0
2023-03	RAN#99	R5-230806	2111	-	F	Introduction of CA_n3A-n78A PC2 REFSSENS test requirements	17.8.0
2023-03	RAN#99	R5-230808	2112	-	F	General updates of clause 5 for R16 CADC configurations	17.8.0
2023-03	RAN#99	R5-230888	2126	-	F	Correcting the definition of RedCap UE	17.8.0
2023-03	RAN#99	R5-230915	2127	-	F	Adding 6.4F.2.2 Carrier leakage for NR-U	17.8.0
2023-03	RAN#99	R5-230916	2128	-	F	Adding 6.4F.2.3 In-band emissions for NR-U	17.8.0
2023-03	RAN#99	R5-230917	2129	-	F	Update MU TT for NR-U	17.8.0
2023-03	RAN#99	R5-230918	2130	-	F	Introduction of 6.4F.2.4 for NR-U	17.8.0
2023-03	RAN#99	R5-230919	2131	-	F	Adding 6.5F.4 Transmit intermod for NR-U	17.8.0
2023-03	RAN#99	R5-230967	2133	-	F	Clarification on relationship between CBW applicability and order of CC	17.8.0
2023-03	RAN#99	R5-230968	2134	-	F	Clarification of notes in test configuration tables of Rx test cases for CA	17.8.0
2023-03	RAN#99	R5-230972	2138	-	F	Addition of CBW 35 MHz, 45 MHz, 70 MHz to IBB and OBB for CA	17.8.0
2023-03	RAN#99	R5-230974	2140	-	F	Correction to test procedure of SEM for intra-band non-contiguous CA	17.8.0
2023-03	RAN#99	R5-230975	2141	-	F	Addition of new annex for difference of relative phase and power errors for UL coherent MIMO	17.8.0
2023-03	RAN#99	R5-230995	2142	-	F	Update of PUCCH aggregate power TC	17.8.0
2023-03	RAN#99	R5-230998	2144	-	F	Update of new NR Bands into TC 7.3I.2 Reference sensitivity power level for redcap	17.8.0
2023-03	RAN#99	R5-231073	2145	-	F	Updating test case Occupied bandwidth for SUL	17.8.0
2023-03	RAN#99	R5-231075	2147	-	F	Correction to RB allocations for intra-band contiguous CA	17.8.0
2023-03	RAN#99	R5-231076	2148	-	F	Updating test requirement of test case Absolute power tolerance for SUL	17.8.0
2023-03	RAN#99	R5-231077	2149	-	F	Updating test case Relative power tolerance for SUL	17.8.0
2023-03	RAN#99	R5-231078	2150	-	F	Correction to test case Relative power tolerance for UL MIMO	17.8.0
2023-03	RAN#99	R5-231080	2151	-	F	Updating clause 4.3 to align with core specification	17.8.0
2023-03	RAN#99	R5-231081	2152	-	F	Updating MOP for MIMO testing for band n24	17.8.0
2023-03	RAN#99	R5-231082	2153	-	F	Updating MPR for MIMO test case for band n24	17.8.0
2023-03	RAN#99	R5-231083	2154	-	F	Adding new FR1 test case Absolute power tolerance for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231085	2156	-	F	Adding new FR1 test case Aggregate power tolerance for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231086	2157	-	F	Adding new FR1 test case Occupied bandwidth for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231087	2158	-	F	Adding new FR1 test case Frequency error for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231089	2160	-	F	Adding new FR1 test case Spectrum emission mask for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231090	2161	-	F	Updating MU and TT for new test cases for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231092	2162	-	F	Editorial correction to In-band blocking for Intra-band contiguous CA	17.8.0
2023-03	RAN#99	R5-231097	2166	-	F	Adding new FR1 test case EVM equalizer spectrum flatness for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231098	2167	-	F	Adding new FR1 test case Time alignment error for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231099	2168	-	F	Adding new FR1 test case Transmit intermodulation for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231175	2169	-	F	Update of MOP TC for CA_n3A-n8A	17.8.0
2023-03	RAN#99	R5-231179	2170	-	F	Updated to TC6.5.1 for n14 with 10MHz CBW	17.8.0
2023-03	RAN#99	R5-231191	2171	-	F	Update of delta TIB,c for new R16 CA configurations	17.8.0
2023-03	RAN#99	R5-231291	2180	-	F	Corrections on scaling factors for MPR and NS_04 SEM requirements	17.8.0

2023-03	RAN#99	R5-231295	2181	-	F	Corrections on the requirements for UE MPR for intra-band contiguous CA in FR1	17.8.0
2023-03	RAN#99	R5-231299	2182	-	F	Editorial update of MPR test cases	17.8.0
2023-03	RAN#99	R5-231300	2183	-	F	Update of NR ACLR test case	17.8.0
2023-03	RAN#99	R5-231302	2184	-	F	Editorial correction of in-band emissions for SUL	17.8.0
2023-03	RAN#99	R5-231379	2187	-	F	Correction for wrong reference in NS_50	17.8.0
2023-03	RAN#99	R5-231380	2188	-	F	Correction on band combinations for UE co-existence	17.8.0
2023-03	RAN#99	R5-231618	2101	1	F	Editorial correction for content style in 6.2.1.2, 6.5.2.4.1.2, 6.5.3.1.2, 6.5.3.2.2 and 6.5.4.2	17.8.0
2023-03	RAN#99	R5-231619	2179	1	F	Corrections on the test for UE maximum output power	17.8.0
2023-03	RAN#99	R5-231626	2172	1	F	Update of Spurious emissions for UE co-existence for CA_n1A-n8A	17.8.0
2023-03	RAN#99	R5-231627	2173	1	F	Update of general spurious emissions for CA_n1A-n8A	17.8.0
2023-03	RAN#99	R5-231628	2073	1	F	Introduction of CA_n41A-n66A, RIB,c and sensitivity exception.	17.8.0
2023-03	RAN#99	R5-231629	2074	1	F	Introduction of CA_n41A-n66A new test point.	17.8.0
2023-03	RAN#99	R5-231630	2075	1	F	Introduction of CA_n41A-n66A, exception test point due to CBI	17.8.0
2023-03	RAN#99	R5-231631	2174	1	F	Introduction of CA_n41A-n71A configuration, RIB,c and sensitivity exception.	17.8.0
2023-03	RAN#99	R5-231637	2071	1	F	Correction to RB allocation configuration for intra-band contiguous CA in Table 6.1A-1b	17.8.0
2023-03	RAN#99	R5-231638	2137	1	F	Addition of CBW 35 MHz and 45 MHz to NS_03 in Additional SEM	17.8.0
2023-03	RAN#99	R5-231639	2123	1	F	Updating Annex F for intra-band contiguous CA test cases	17.8.0
2023-03	RAN#99	R5-231640	2125	1	F	Removing redundant test cases	17.8.0
2023-03	RAN#99	R5-231641	2117	1	F	Adding PC2 intra-band contiguous testing to 6.2A.3.1	17.8.0
2023-03	RAN#99	R5-231642	2118	1	F	Adding PC2 intra-band contiguous testing to 6.5A.2.3	17.8.0
2023-03	RAN#99	R5-231643	2119	1	F	Adding PC2 intra-band contiguous testing to 6.5A.3.3	17.8.0
2023-03	RAN#99	R5-231644	2120	1	F	Adding PC2 intra-band contiguous testing to 6.5A.2.4.1	17.8.0
2023-03	RAN#99	R5-231645	2121	1	F	Adding PC2 intra-band contiguous testing to 6.5A.3.1.1	17.8.0
2023-03	RAN#99	R5-231646	2122	1	F	Adding PC2 intra-band contiguous testing to 6.5A.3.2.1	17.8.0
2023-03	RAN#99	R5-231647	2115	1	F	Adding 45MHz PC2 test configuration to 6.2.3 NS_49	17.8.0
2023-03	RAN#99	R5-231648	2113	1	F	Update to minimum requirement of 6.2.3 NS_27	17.8.0
2023-03	RAN#99	R5-231649	2114	1	F	Update to configuration table of 6.2.3 NS_18	17.8.0
2023-03	RAN#99	R5-231650	2155	1	F	Adding new FR1 test case Relative power tolerance for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231651	2159	1	F	Adding new FR1 test case Error Vector Magnitude for SUL with UL MIMO	17.8.0
2023-03	RAN#99	R5-231652	2163	1	F	Correction to Additional spurious emissions for UL MIMO	17.8.0
2023-03	RAN#99	R5-231653	2165	1	F	Correction to RB allocation for test case A-MPR_for NS_48	17.8.0
2023-03	RAN#99	R5-231654	2084	1	F	FR1 PC2 NS_49 A-MPR - RB allocations inconsistent vs applicable A-MPR	17.8.0
2023-03	RAN#99	R5-231655	2072	1	F	Corrections of test requirement tables for spurious emission for UE co-existence for NR CA	17.8.0
2023-03	RAN#99	R5-231656	2076	1	F	Update test configuration and test requirement for three band interband reference sensitivity for CA_n2A-n5A-n77A, CA_n2A-n66A-n77A, and CA_n5A-n66A-n77A	17.8.0
2023-03	RAN#99	R5-231657	2067	1	F	Adding UE maximum output power reduction for new NR bands n91, n92, n93, n94	17.8.0
2023-03	RAN#99	R5-231659	2177	1	F	Corrections on additional reference channels parameters for TDD	17.8.0
2023-03	RAN#99	R5-231700	2085	1	F	FR1 Refsens - RB allocation alignment to core specs	17.8.0
2023-03	RAN#99	R5-231701	2106	1	F	Update CBW 35MHz into sub-clauses 6.3.1, 6.3.2, 6.3.3.2, 6.3.4	17.8.0
2023-03	RAN#99	R5-231702	2107	1	F	Update CBW 35MHz into sub-clause 6.3D.1	17.8.0
2023-03	RAN#99	R5-231703	2108	1	F	Update CBW 35MHz into sub-clauses 6.5.2.2, 6.5.2.4.1, 6.5D.1, 6.5D.2	17.8.0
2023-03	RAN#99	R5-231704	2109	1	F	Update CBW 35MHz into sub-clause 7.4D	17.8.0
2023-03	RAN#99	R5-231705	2104	1	F	General updates of clause 5 for R17 new CBW configurations	17.8.0
2023-03	RAN#99	R5-231796	2164	1	F	Correction to Uplink configuration RB allocation for n78 in REFSSENS testing	17.8.0
2023-03	RAN#99	R5-231807	2100	1	F	Correction of test case title of 7.6D.2_1 and 7.8D.2_1	17.8.0

2023-03	RAN#99	R5-231857	2062	1	F	Adding spurious emissions for UE co-existence for new NR bands n100, n101	17.8.0
2023-03	RAN#99	R5-231858	2124	1	F	Update to applicability of legacy test cases	17.8.0
2023-03	RAN#99	R5-231861	2105	1	F	Update CBW 35MHz into sub-clause 6.2.2	17.8.0
2023-03	RAN#99	R5-231863	2132	1	F	Update of inter-band CA reference sensitivity to handle simultaneous Rx/Tx capability	17.8.0
2023-03	RAN#99	R5-231885	2176	1	F	Updates to A-MPR and A-SEM for NS_21	17.8.0
2023-03	RAN#99	R5-231889	2175	2	F	Introduction of CA_n41A-n71A new test point.	17.8.0
2023-03	RAN#99	R5-231952	2136	1	F	Correction to SDL band for blocking test cases	17.8.0
2023-03	RAN#99	R5-231953	2143	1	F	Addition of configuration for carrier aggregation RMCs	17.8.0
2023-03	RAN#99	R5-231964	2178	1	F	Corrections on channel bandwidth for V2X	17.8.0
2023-06	RAN#100	R5-232109	2190	-	F	Introduction of Output power requirements for CA_n28A-n78A	17.9.0
2023-06	RAN#100	R5-232111	2192	-	F	Introduction of General spurious emissions test requirements for CA_n28A-n78A	17.9.0
2023-06	RAN#100	R5-232113	2194	-	F	Introduction of Spurious emissions for UE co-existence test requirements for CA_n28A-n78A	17.9.0
2023-06	RAN#100	R5-232119	2196	-	F	Add Reference sensitivity power level test requirements for CA_n28A-n78A	17.9.0
2023-06	RAN#100	R5-232241	2197	-	F	Update general spurious emissions for CA_n2A-n77A, CA_n5A-n77A, and CA_n66A-n77A	17.9.0
2023-06	RAN#100	R5-232243	2199	-	F	Update inter-band NR CA PC3 reference sensitivity test configuration and test requirement tables	17.9.0
2023-06	RAN#100	R5-232276	2203	-	F	Addition of reference sensitivity for n28A-n77A	17.9.0
2023-06	RAN#100	R5-232278	2205	-	F	Addition of reference sensitivity for n3A-n77A	17.9.0
2023-06	RAN#100	R5-232341	2207	-	F	Corrections for certain FR1 combos in section 7.3A.1_1	17.9.0
2023-06	RAN#100	R5-232348	2211	-	F	p-Max conditions corrections in 6.5A.3.1.1	17.9.0
2023-06	RAN#100	R5-232353	2212	-	F	Test configuration table update for NS 46 in A-MPR test	17.9.0
2023-06	RAN#100	R5-232355	2214	-	F	K1 and number of HARQ processes for CA exceptions updates	17.9.0
2023-06	RAN#100	R5-232410	2221	-	F	General updates of clause 5 for R17 new CBW configurations	17.9.0
2023-06	RAN#100	R5-232411	2222	-	F	Addition of 7.3A.1 for CA_n1A-n8A and CA_n3A-n8A	17.9.0
2023-06	RAN#100	R5-232413	2224	-	F	Addition of general spurious emissions for CA_n1A-n3A	17.9.0
2023-06	RAN#100	R5-232414	2225	-	F	Addition of Spurious emissions for UE co-existence for CA_n1A-n3A	17.9.0
2023-06	RAN#100	R5-232444	2226	-	F	Adding UE maximum output power for new NR band n13	17.9.0
2023-06	RAN#100	R5-232445	2227	-	F	Adding UE maximum output power reduction for new NR band n13	17.9.0
2023-06	RAN#100	R5-232579	2229	-	F	Addition of test case 6.5F.2.4.2, Shared spectrum channel access ACLR with additional requirement for NS_29	17.9.0
2023-06	RAN#100	R5-232611	2230	-	F	General SE for CA_n5A-n48A	17.9.0
2023-06	RAN#100	R5-232612	2231	-	F	TX SE_Co_exist for CA_n5A-n48A	17.9.0
2023-06	RAN#100	R5-232613	2232	-	F	Update 7.3A.1 for CA_n5A-n48A	17.9.0
2023-06	RAN#100	R5-232614	2233	-	F	Update 6.2A.1.1 for CA_n5A-n48A	17.9.0
2023-06	RAN#100	R5-232616	2234	-	F	Update 6.2A.4.0.2.3 for CA_n5A-n48A	17.9.0
2023-06	RAN#100	R5-232625	2235	-	F	Update 6.2A.4.0.2.3 for CA_n2A-n5A and CA_n2A-n48A	17.9.0
2023-06	RAN#100	R5-232636	2236	-	F	Update 7.1 for NR-U	17.9.0
2023-06	RAN#100	R5-232637	2237	-	F	Update 5.2 note 14 for NR-U	17.9.0
2023-06	RAN#100	R5-232695	2238	-	F	Update 6.5F.3.1 General SE for NR-U	17.9.0
2023-06	RAN#100	R5-232697	2239	-	F	Update 6.5F.2.4.1 ACLR for NR-U	17.9.0
2023-06	RAN#100	R5-232726	2242	-	F	Addition of abbreviation and clause 4 general description for Tx diversity	17.9.0
2023-06	RAN#100	R5-232732	2243	-	F	Addition of new test case 6.2D.2_1 UE MPR for SUL with UL MIMO	17.9.0
2023-06	RAN#100	R5-232733	2244	-	F	Addition of new test case 6.2D.3_1 UE A-MPR for SUL with UL MIMO	17.9.0
2023-06	RAN#100	R5-232734	2245	-	F	Addition of new test case 6.4D.2.2_1 Carrier leakage for SUL with UL MIMO	17.9.0
2023-06	RAN#100	R5-232735	2246	-	F	Addition of new test case 6.4D.2.3_1 In-band emissions for SUL with UL MIMO	17.9.0
2023-06	RAN#100	R5-232736	2247	-	F	Addition of new test case 6.5D.2.4.1_1 NR ACLR for SUL with UL MIMO	17.9.0
2023-06	RAN#100	R5-232737	2248	-	F	Addition of new test case 6.5D.2.4.2_1 UTRA ACLR for SUL with UL MIMO	17.9.0

2023-06	RAN#100	R5-232738	2249	-	F	Addition of new test case 6.5D.3_2.1 General spurious emissions	17.9.0
2023-06	RAN#100	R5-232739	2250	-	F	Addition of new test case 6.5D.3_2.2 Spurious emissions for UE co-existence	17.9.0
2023-06	RAN#100	R5-232740	2251	-	F	Addition of new test case 6.5D.3_2.3 Additional spurious emissions	17.9.0
2023-06	RAN#100	R5-232741	2252	-	F	Addition of Annex F for new test cases for SUL with UL MIMO	17.9.0
2023-06	RAN#100	R5-232747	2254	-	F	Update of PC2 UE maximum output power for inter-band CA configurations	17.9.0
2023-06	RAN#100	R5-232750	2256	-	F	Addition of UL MIMO SEM and NR ACLR test cases for Power Class 1.5	17.9.0
2023-06	RAN#100	R5-232751	2257	-	F	Editorial correction of reference table numbers for SUL test cases	17.9.0
2023-06	RAN#100	R5-232791	2259	-	F	Update of delta TIB,c for CA_n39A-n41A	17.9.0
2023-06	RAN#100	R5-232792	2260	-	F	Update of delta RIB,c for CA_n39A-n41A	17.9.0
2023-06	RAN#100	R5-232796	2262	-	F	Update of delta TIB,c for CA_n28A-n41A-n79A	17.9.0
2023-06	RAN#100	R5-232797	2263	-	F	Update of delta RIB,c for CA_n28A-n41A-n79A	17.9.0
2023-06	RAN#100	R5-232804	2265	-	F	Update for PC2 n39 A-SE	17.9.0
2023-06	RAN#100	R5-232874	2268	-	F	Correction of delta RIB,c , Core spec alignment	17.9.0
2023-06	RAN#100	R5-232879	2269	-	F	Addition of Delta RIB,c for CA_n41A-n66A-n71A	17.9.0
2023-06	RAN#100	R5-232880	2270	-	F	Addition of CA_n41A-n66A-n71A in Table 7.3A.2.5-1	17.9.0
2023-06	RAN#100	R5-232897	2271	-	F	Update of applicability of simultaneous RxTx capability for CA_n28-n79	17.9.0
2023-06	RAN#100	R5-232978	2273	-	F	Adding additional spectrum emission mask requirement for new NR band n13	17.9.0
2023-06	RAN#100	R5-232979	2274	-	F	Adding spurious emissions for UE co-existence for new NR band n13	17.9.0
2023-06	RAN#100	R5-232980	2275	-	F	Adding additional spurious emissions for new NR band n13	17.9.0
2023-06	RAN#100	R5-232993	2276	-	F	Correction to inter-band test frequencies exceptions in Rx CA test cases	17.9.0
2023-06	RAN#100	R5-232996	2279	-	F	Update of Annex D.2 for interference signals lower than 2700 MHz	17.9.0
2023-06	RAN#100	R5-233023	2281	-	F	Removing redundant parameter setting from time mask testing	17.9.0
2023-06	RAN#100	R5-233036	2283	-	F	Correction of P-max in AMPR for CA	17.9.0
2023-06	RAN#100	R5-233037	2284	-	F	Adding PC2 intra-band contiguous testing to 6.5A.3.2.1	17.9.0
2023-06	RAN#100	R5-233083	2286	-	F	Updating test case UTRA ACLR for UL MIMO	17.9.0
2023-06	RAN#100	R5-233084	2287	-	F	Updating test case AMPR for UL MIMO	17.9.0
2023-06	RAN#100	R5-233085	2288	-	F	Updating test requirement of test case AMPR for UL MIMO	17.9.0
2023-06	RAN#100	R5-233090	2292	-	F	Correction to NS_04 test configuration for Additional spurious emissions for UL MIMO	17.9.0
2023-06	RAN#100	R5-233092	2293	-	F	Correction to test frequency description for intra-band UL non-contiguous CA	17.9.0
2023-06	RAN#100	R5-233100	2295	-	F	Updating test case AMPR for UL MIMO	17.9.0
2023-06	RAN#100	R5-233101	2296	-	F	Updating PUCCH configuration in Aggregate power tolerance for SUL with UL MIMO	17.9.0
2023-06	RAN#100	R5-233102	2297	-	F	Updating MOP for PC2 configuration CA_n78C	17.9.0
2023-06	RAN#100	R5-233103	2298	-	F	Updating MPR for PC2 configuration CA_n78C	17.9.0
2023-06	RAN#100	R5-233186	2302	-	F	Correction to clauses using void table 5.5A.3-x	17.9.0
2023-06	RAN#100	R5-233193	2303	-	F	Editorial correction to TC6.2.3 configuration table for NS_06	17.9.0
2023-06	RAN#100	R5-233207	2304	-	F	Corrections on blocking characteristics requirements for V2X	17.9.0
2023-06	RAN#100	R5-233210	2305	-	F	Corrections on intermodulation characteristics requirements for V2X	17.9.0
2023-06	RAN#100	R5-233211	2306	-	F	Corrections on NR V2X reference sensitivity test requirements	17.9.0
2023-06	RAN#100	R5-233212	2307	-	F	Corrections on NR V2X spurious response requirements	17.9.0
2023-06	RAN#100	R5-233218	2309	-	F	Corrections on the minimum guardband calculation for FR1	17.9.0
2023-06	RAN#100	R5-233236	2310	-	F	Clarification of UL Tx Switching in SA RF test case	17.9.0
2023-06	RAN#100	R5-233510	2191	1	F	Introduction of additional maximum output power reduction for CA_n28A-n78A	17.9.0
2023-06	RAN#100	R5-233511	2193	1	F	Introduction of Spurious emissions for UE co-existence requirements for CA_n28A-n78A	17.9.0

2023-06	RAN#100	R5-233515	2294	1	F	Updating Transmit ON/OFF time mask for CA for intra-band non-contiguous CA	17.9.0
2023-06	RAN#100	R5-233517	2195	1	F	Adding Reference sensitivity exceptions due to UL harmonic interference for CA_n28A-n78A	17.9.0
2023-06	RAN#100	R5-233524	2272	1	F	Adding UE additional maximum output power reduction for new NR band n13	17.9.0
2023-06	RAN#100	R5-233525	2291	1	F	Correction to REFSENS exceptions testing for CA_n7A-n78A	17.9.0
2023-06	RAN#100	R5-233532	2299	1	F	Correction for CA_n66A-n71A	17.9.0
2023-06	RAN#100	R5-233533	2206	1	F	Update for CA_n2A-n48A and CA_n2A-n77A combos in section 7.3A.0	17.9.0
2023-06	RAN#100	R5-233534	2267	1	F	Editorial changes in Table 7.3A.1.5-1	17.9.0
2023-06	RAN#100	R5-233536	2308	1	F	Corrections on supported channel bandwidths for SUL configurations	17.9.0
2023-06	RAN#100	R5-233537	2311	1	F	Addition of new FR1 phase continuity test	17.9.0
2023-06	RAN#100	R5-233538	2200	1	F	Update inter-band NR CA PC2 MOP configurations for 2UL CA_n2A-n77A, CA_n5A-n77A, and CA_n66A-n77A	17.9.0
2023-06	RAN#100	R5-233539	2261	1	F	Addition of R17 new CA PC2 configs for Ref sens exceptions TC 7.3A.0	17.9.0
2023-06	RAN#100	R5-233540	2301	1	F	Correction of ON/OFF time mask for Tx Diversity	17.9.0
2023-06	RAN#100	R5-233541	2213	1	F	NS_27 - corrections for 30MHz RBStart for condition A1	17.9.0
2023-06	RAN#100	R5-233542	2280	1	F	Addition of BW condition to 6.5D.2.3 A-SEM for UL MIMO	17.9.0
2023-06	RAN#100	R5-233543	2282	1	F	Clarification of spurious emission testing configuration - Part 1	17.9.0
2023-06	RAN#100	R5-233547	2285	1	F	Updating FR1 test case Additional spectrum emission mask for UL MIMO	17.9.0
2023-06	RAN#100	R5-233548	2289	1	F	Updating PUCCH aggregated power tolerance test case for SUL and for MIMO	17.9.0
2023-06	RAN#100	R5-233549	2290	1	F	Updating MU values for NR FR1 Relative power tolerance for UL MIMO	17.9.0
2023-06	RAN#100	R5-233555	2312	-	F	General updates of clause 5 for R16 CA configurations	17.9.0
2023-06	RAN#100	R5-233556	2313	-	F	General updates of clause 5 for R17 CA configurations	17.9.0
2023-06	RAN#100	R5-233705	2198	1	F	Update minimum requirement table for reference sensitivity exceptions and uplink/downlink configurations due to harmonic mixing from a PC3 aggressor	17.9.0
2023-06	RAN#100	R5-233706	2228	1	F	Correction UL RB configuration for CA_n1-n3-n78	17.9.0
2023-06	RAN#100	R5-233711	2201	1	F	Update inter-band NR CA PC2 reference sensitivity minimum requirements for a few 2DL band configurations	17.9.0
2023-06	RAN#100	R5-233712	2202	1	F	Update PC2 information for 2DL test configuration exception table and test requirement table for a few NR CA 2DL 2UL combos	17.9.0
2023-06	RAN#100	R5-233720	2240	1	F	Update of 6.4G.2.4 EVM equalizer spectrum flatness for Tx Diversity	17.9.0
2023-06	RAN#100	R5-233721	2264	1	F	Update for PC2 PC3 n39 A-MPR	17.9.0
2023-06	RAN#100	R5-233722	2277	1	F	Correction to transmission power in 7.6.3 Out-of-band blocking	17.9.0
2023-09	RAN#101	R5-233946	2314	-	F	Introduction of Output power requirements for CA_n20A-n78A	17.10.0
2023-09	RAN#101	R5-233962	2318	-	F	Introduction of Out-of-band blocking requirements for new NR band n13	17.10.0
2023-09	RAN#101	R5-233965	2319	-	F	Editorial correction to UE additional maximum output power reduction for new NR band n13	17.10.0
2023-09	RAN#101	R5-234044	2320	-	F	Adding FRC configurations for 1024QAM	17.10.0
2023-09	RAN#101	R5-234119	2326	-	F	Correction of table number in NOTE 4 of Table 6.2I.1.5-1	17.10.0
2023-09	RAN#101	R5-234163	2336	-	F	CA n48A-n66A PCC SCC swap in 7.3A.1_1 needed for 2 UL exception case	17.10.0
2023-09	RAN#101	R5-234164	2337	-	F	CA n48A-n77A PCC frequency correction for n77 in 7.8A.2.1	17.10.0
2023-09	RAN#101	R5-234165	2338	-	F	FR1 ACS and IBB 2DL CA - Corrections for n48-n77 case	17.10.0
2023-09	RAN#101	R5-234168	2341	-	F	n5 asymmetric band declaration missing in section 5.3.6	17.10.0
2023-09	RAN#101	R5-234169	2342	-	F	Pending MU and TT update for FR1 RedCap	17.10.0
2023-09	RAN#101	R5-234177	2349	-	F	Missing MU definition for 7.6C.2 in annex F.1.3	17.10.0
2023-09	RAN#101	R5-234179	2350	-	F	Missing REFSENS requirements for certain n7 BWs	17.10.0
2023-09	RAN#101	R5-234180	2351	-	F	Pending BW addition in 6.5D.2.3	17.10.0

2023-09	RAN#101	R5-234197	2353	-	F	Update Clause 6 common requirements for additional 3DL inter-band NR CA configurations	17.10.0
2023-09	RAN#101	R5-234199	2355	-	F	Update test configurations and test requirements for interband reference sensitivity of additional three band configurations	17.10.0
2023-09	RAN#101	R5-234201	2356	-	F	Update common clause requirements for high power support for some inter-band NR CA configurations	17.10.0
2023-09	RAN#101	R5-234203	2357	-	F	Update inter-band NR CA PC2 reference sensitivity minimum requirements and test cases for a few 3DL band configurations	17.10.0
2023-09	RAN#101	R5-234296	2359	-	F	Addition of delta TIBc and UE maximum output power for new NRCA comb within FR1	17.10.0
2023-09	RAN#101	R5-234533	2364	-	F	Addition of spur emission requirements of CA_n5A-n66A.	17.10.0
2023-09	RAN#101	R5-234591	2370	-	F	Update Transmit intermod for NR-U	17.10.0
2023-09	RAN#101	R5-234637	2374	-	F	Remove duplicated AMPR test configurations for NS_24	17.10.0
2023-09	RAN#101	R5-234639	2375	-	F	Editorial correction for 7.8A.2.1 wideband intermodulation for 2DL CA in FR1	17.10.0
2023-09	RAN#101	R5-234641	2376	-	F	update for 6.5F.1 Occupied bandwidth for NR-U	17.10.0
2023-09	RAN#101	R5-234707	2377	-	F	Update of IE p-Max value for MPR and SEM for inter-band CA Power Class 3	17.10.0
2023-09	RAN#101	R5-234708	2378	-	F	Addition of MPR test requirements for inter-band CA Power Class 2	17.10.0
2023-09	RAN#101	R5-234709	2379	-	F	Addition of A-MPR test requirements for inter-band CA Power Class 2	17.10.0
2023-09	RAN#101	R5-234710	2380	-	F	Update of IE p-Max value for SEM for inter-band CA Power Class 2	17.10.0
2023-09	RAN#101	R5-234712	2381	-	F	Addition of MPR requirements for UEs supporting higher power limit	17.10.0
2023-09	RAN#101	R5-234713	2382	-	F	Addition of A-MPR requirements for UEs supporting higher power limit	17.10.0
2023-09	RAN#101	R5-234746	2387	-	F	Addition of PC2 n40 MOP	17.10.0
2023-09	RAN#101	R5-234773	2392	-	F	Clear-up CR for misalignment Ref Sense table	17.10.0
2023-09	RAN#101	R5-234787	2394	-	F	Update of 6.2G.2 MPR for Power Class 1.5 for TxD	17.10.0
2023-09	RAN#101	R5-234829	2398	-	F	Correction of 5.2A.1 intra-band CA operating bands	17.10.0
2023-09	RAN#101	R5-234836	2402	-	F	Update to 6.3A.3.1_1 of 1Tx-2Tx UL switching for inter-band CA	17.10.0
2023-09	RAN#101	R5-234843	2407	-	F	Addition of AMPR for CA_n28-n79	17.10.0
2023-09	RAN#101	R5-234844	2408	-	F	Adding DeltaTIB for CA_n28-n79	17.10.0
2023-09	RAN#101	R5-234845	2409	-	F	Addition of spurious emission co-existence for CA_n28-n79	17.10.0
2023-09	RAN#101	R5-234847	2410	-	F	Addition of AMPR for PC2 CA_n28A-n79A	17.10.0
2023-09	RAN#101	R5-234848	2411	-	F	Update to 6.3A.3.3 of 2Tx-2Tx UL switching for inter-band CA	17.10.0
2023-09	RAN#101	R5-234863	2412	-	F	Addition of additional test frequencies for AMPR NS_50	17.10.0
2023-09	RAN#101	R5-234907	2415	-	F	Correction to title of Reference sensitivity for RedCap	17.10.0
2023-09	RAN#101	R5-234908	2416	-	F	Correction to A-MPR for NS_44	17.10.0
2023-09	RAN#101	R5-234909	2417	-	F	Correction to message contents of 6.5A.2.2.1	17.10.0
2023-09	RAN#101	R5-234910	2418	-	F	Correction to REFSSENS formula for n41, n77, n78	17.10.0
2023-09	RAN#101	R5-234911	2419	-	F	Correction to A-MPR for UL MIMO	17.10.0
2023-09	RAN#101	R5-235012	2421	-	F	Addition of TC 6.5A.3.1.1 general spurious emissions for CA_n3A-n8A	17.10.0
2023-09	RAN#101	R5-235038	2425	-	F	Editorial: Removing editor's Note in test case 6.5D.2.2_1	17.10.0
2023-09	RAN#101	R5-235048	2428	-	F	Editorial: Removing editor's note in test case 6.3C.3.2	17.10.0
2023-09	RAN#101	R5-235049	2429	-	F	Updating REFSSENS for CA test case for CA_n39A-n41A	17.10.0
2023-09	RAN#101	R5-235142	2443	-	F	Correction of A-MPR test case	17.10.0
2023-09	RAN#101	R5-235149	2445	-	F	Correction of ACS for CA test case	17.10.0
2023-09	RAN#101	R5-235151	2446	-	F	Editorial correction of PRACH time mask test case	17.10.0
2023-09	RAN#101	R5-235163	2448	-	F	Rel-15 Alignment of channel bandwidth between 38.521-1 and 38.101-1	17.10.0
2023-09	RAN#101	R5-235236	2458	-	F	Introducing modification for NS_43 A-MPR region	17.10.0
2023-09	RAN#101	R5-235237	2459	-	F	Adding missing channel bandwidth for NS_01	17.10.0
2023-09	RAN#101	R5-235619	2315	1	F	Introduction of spurious emissions test requirements for CA_n20A-n78A	17.10.0
2023-09	RAN#101	R5-235624	2362	1	F	Addition of several NR CA combos to reference sensitivity cases	17.10.0



2023-09	RAN#101	R5-235625	2430	1	F	Updating REFSENS for CA testing for CA_n28A-n41A-n79A	17.10.0
2023-09	RAN#101	R5-235627	2431	1	F	Updating PC2 REFSENS testing for CA configurations	17.10.0
2023-09	RAN#101	R5-235628	2404	1	F	Addition of intra-band non-contiguous CA to spurious emission for CA	17.10.0
2023-09	RAN#101	R5-235630	2372	1	F	Update ACLR for NR-U	17.10.0
2023-09	RAN#101	R5-235631	2396	1	F	Addition of 6.2F.2 UE maximum output power reduction for shared spectrum access	17.10.0
2023-09	RAN#101	R5-235634	2414	1	F	Update for FR1 EVM including symbols with transient period	17.10.0
2023-09	RAN#101	R5-235636	2366	1	F	Addition of delta TIB for CA_n5-n66.	17.10.0
2023-09	RAN#101	R5-235637	2406	1	F	Addition of minimum requirement of AMPR for CA_n77(2A)	17.10.0
2023-09	RAN#101	R5-235638	2335	1	F	Addition of CA_n3A-n8A into TC 7.3A Reference sensitivity for CA	17.10.0
2023-09	RAN#101	R5-235639	2323	1	F	Adding REFSENS exception requirements for CA_n3A-n78A PC2	17.10.0
2023-09	RAN#101	R5-235640	2403	1	F	Update to 6.2A.1.1 MOP for CA	17.10.0
2023-09	RAN#101	R5-235641	2405	1	F	Correction of minimum requirement of 7.3A.0.2.2	17.10.0
2023-09	RAN#101	R5-235642	2393	1	F	Update of 6.2G.1 MOP test requirements for TxD	17.10.0
2023-09	RAN#101	R5-235643	2451	1	F	Add max UE power for ULCA with NR-U	17.10.0
2023-09	RAN#101	R5-235644	2399	1	F	Editorial correction of AMPR for CA test requirements	17.10.0
2023-09	RAN#101	R5-235645	2348	1	F	Core specs alignment in FR1 test case 7.6.4	17.10.0
2023-09	RAN#101	R5-235646	2400	1	F	Correction to test requirements of EVM for CA	17.10.0
2023-09	RAN#101	R5-235647	2449	1	F	Rel-16 Alignment of channel bandwidth between 38.521-1 and 38.101-1	17.10.0
2023-09	RAN#101	R5-235648	2360	1	F	Addition of spurious emissions for CA_n3A-n77A	17.10.0
2023-09	RAN#101	R5-235650	2361	1	F	Addition of spurious emissions for CA_n28A-n77A	17.10.0
2023-09	RAN#101	R5-235651	2432	1	F	Removal of the delta RIB values for configuration CA_n66-n70-n71	17.10.0
2023-09	RAN#101	R5-235652	2434	1	F	Corrections on notation for SUL CA configuration for transmitter power	17.10.0
2023-09	RAN#101	R5-235653	2437	1	F	Alignments on the terms for NR DC configured maximum UE output power	17.10.0
2023-09	RAN#101	R5-235654	2435	1	F	Corrections on notation for SUL CA configuration for reference sensitivity	17.10.0
2023-09	RAN#101	R5-235655	2438	1	F	Corrections on the delta TIB values for NR DC configurations	17.10.0
2023-09	RAN#101	R5-235656	2439	1	F	Corrections on the maximum output power tolerance	17.10.0
2023-09	RAN#101	R5-235657	2440	1	F	Corrections on channel bandwidth for wide band intermodulation test	17.10.0
2023-09	RAN#101	R5-235658	2442	1	F	FRC corrections for maximum input level receiver requirements	17.10.0
2023-09	RAN#101	R5-235659	2333	1	F	General updates of TS 38.521-1 clause 5 for R16 CA configurations	17.10.0
2023-09	RAN#101	R5-235660	2352	1	F	Update delta TIB,c for CA_n2A-n66A	17.10.0
2023-09	RAN#101	R5-235661	2354	1	F	Update Clause 7 common requirements for additional 3DL inter-band NR CA configurations	17.10.0
2023-09	RAN#101	R5-235662	2339	1	F	n66 4Rx requirements missing for certain combos in 7.3A.1_1	17.10.0
2023-09	RAN#101	R5-235663	2334	1	F	General updates of TS 38.521-1 clause 5 for R17 CA configurations	17.10.0
2023-09	RAN#101	R5-235664	2317	1	F	Introduction of Reference sensitivity requirements for new NR band n13	17.10.0
2023-09	RAN#101	R5-235813	2365	2	F	Addition of spur emission co-existence requirements of CA_n5A-n66A.	17.10.0
2023-09	RAN#101	R5-235821	2427	1	F	Updating RB allocations in table 6.1A-1b	17.10.0
2023-09	RAN#101	R5-235828	2363	1	F	Update of UL MIMO Maximum Output Power TC	17.10.0
2023-09	RAN#101	R5-235829	2426	1	F	Updating REFSENS for 2DL CA exceptions test case for PC3 UE	17.10.0
2023-09	RAN#101	R5-235830	2450	1	F	Rel-17 Alignment of channel bandwidth between 38.521-1 and 38.101-1	17.10.0
2023-09	RAN#101	R5-235847	2316	1	F	Adding Reference sensitivity power level test requirements for CA_n20A-n78A	17.10.0
2023-09	RAN#101	R5-235849	2422	1	F	Addition of TC 6.5A.3.2 Spurious emissions UE co-existence for CA_n3A-n8A	17.10.0

2023-09	RAN#101	R5-235850	2343	1	F	TT and editor note update in NR-U Tx test cases for FR1 bands above 6GHz	17.10.0
2023-09	RAN#101	R5-235851	2344	1	F	TT and editor note update in NR-U Rx test cases for FR1 bands above 6GHz	17.10.0
2023-09	RAN#101	R5-235852	2345	1	F	MU and TT definition for FR1 bands above 6GHz - Annex F update	17.10.0
2023-09	RAN#101	R5-235853	2371	1	F	Update SEM for NR-U	17.10.0
2023-09	RAN#101	R5-235859	2453	1	F	Corrections on the higher power limit requirements for CA band combinations	17.10.0
2023-09	RAN#101	R5-235863	2369	1	F	Update 6.2.2 for 38.521-1	17.10.0
2023-09	RAN#101	R5-235864	2401	1	F	Clarification of unwanted emission testing configuration - Part 1	17.10.0
2023-09	RAN#101	R5-235867	2329	1	F	Correction of requirements of Spurious emissions for UE co-existence for NR	17.10.0
2023-09	RAN#101	R5-235935	2454	1	F	Updates to FR1 phase continuity test	17.10.0
2023-09	RAN#101	R5-235938	2321	1	F	Update 7.4 max input level for 1024QAM	17.10.0
2023-09	RAN#101	R5-235939	2322	1	F	Update 7.4A max input level for 1024QAM	17.10.0
2023-09	RAN#101	R5-235957	2433	1	F	Removal of the delta RIB values for configuration CA_n26-n66-n70	17.10.0
2023-12	RAN#102	R5-236244	2472	-	F	Removal of technical content in TS 38.521-1 v17.10.0 and substitution with pointer to the next Release	17.11.0

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# History

<b>Document history</b>		
V17.4.1	July 2022	Publication
V17.5.0	September 2022	Publication
V17.6.1	October 2022	Publication
V17.7.0	February 2023	Publication
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