



**LTE;
Evolved Universal Terrestrial Radio Access (E-UTRA)
and Evolved Universal Terrestrial
Radio Access Network (E-UTRAN);
Derivation of test points for radio transmission and reception
conformance test cases
(3GPP TR 36.905 version 17.1.0 Release 17)**



Reference

RTR/TSGR-0536905vh10

Keywords

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

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

Siret N° 348 623 562 00017 - APE 7112B
Association à but non lucratif enregistrée à la
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Foreword

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- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

1 Scope

The present document specifies and contains the derivation of Test Points for RF test cases, thereby 3GPP TSG RAN WG5 will have a way of storing the input contributions provided. The test cases are described in TS36.521-1[2].

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

The present document is applicable from Release 10 up to the release indicated on the front page of the present Terminal conformance specifications.

2 References

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

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
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[1] to [3] (void)

[4] 3GPP TR 36.905 Release 18: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for User Equipment (UE) radio reception conformance tests"

3 Definitions, symbols and abbreviations

Void

4 General Principles

The requirements of the present document are provided in 3GPP TR 36.905 Release 18 [4].

5 to 7 Void

Annex A: Void

Annex B: Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2015-04	RAN5#67	R5-152110	-	-	TR 36.905 Skeleton proposed for RAN5#67	-	0.0.1
2015-09	RAN5#68	R5-154027	-	-	Text proposal to TR 36.905 v0.0.1	0.0.1	0.0.2
2015-11	RAN5#69	R5-155414	-	-	Text proposal to TR 36.905 v0.0.1 (Justification of Reference sensitivity level for CA_3A-42A)	0.0.2	2.0.0
2015-11	RAN5#69	R5-155669	-	-	Text proposal to TR 36.905 v0.0.2 - Test point selection for CA_2A-4A-5A in Reference sensitivity test case 7.3A.5	0.0.2	2.0.0
2015-11	RAN5#69	R5-155854	-	-	Addition of Test Points for CA_1A-3A-8A to TR 36.905 v0.0.2	0.0.2	2.0.0
2015-11	RAN5#69	R5-155858	-	-	Add test point's analysis for 7.3A.5 Reference sensitivity level for CA(Intra-band non-contiguous + Inter-band)	0.0.2	2.0.0
2015-12	RAN#70	-	-	-	brought under change control by MCC	2.0.0	12.0.0
2016-03	RAN#71	R5-160830	0008	1	Add Test point analysis for Reference sensitivity test case 7.3A.5 for CA_4A-4A-13A	12.0.0	12.1.0
2016-03	RAN#71	R5-160832	0003	1	Addition of test point derivation explanation for 3DL CA REFSSENS testcases, Intel combinations	12.0.0	12.1.0
2016-03	RAN#71	R5-160842	0006	1	Test coverage analysis for Inter-band CA A-MPR test case	12.0.0	12.1.0
2016-03	RAN#71	R5-160843	0007	1	Add Test point analysis for A-MPR test case 6.2.4A.2	12.0.0	12.1.0
2016-03	RAN#71	R5-160844	0001	1	Addition of test points selection for 2UL inter-band CA spurious test cases	12.0.0	12.1.0
2016-03	RAN#71	R5-161011	0005	1	36.905 Addition of Test Points for CA_1A-3A-7A	12.0.0	12.1.0
2016-03	RAN#71	R5-161013	0004	1	36.905 Addition of Test Points for CA_1A-3A-20A	12.0.0	12.1.0
2016-03	RAN#71	R5-161060	0002	1	Addition of test points analysis for CA_1A-3A-42A, CA_1A-19A-28A and CA_3A-19A-42A	12.0.0	12.1.0
2016-06	RAN#72	R5-162871	0015	1	Addition of test points selection for 2UL inter-band CA spurious test cases	12.1.0	12.2.0
2016-06	RAN#72	R5-162998	0013	1	A-MPR band coverage for inter-band UL CA	12.1.0	12.2.0
2016-06	RAN#72	R5-162999	0014	1	Test point analysis for A-MPR test case 6.2.4A.2	12.1.0	12.2.0
2016-06	RAN#72	R5-162360	0010	-	Test point and test requirements analysis for CA_4A-5A spurious test cases	12.2.0	13.0.0
2016-06	RAN#72	R5-162845	0011	1	36.905 Addition of Test Points for CA_3A-7A-8A	12.2.0	13.0.0
2016-06	RAN#72	R5-162988	0012	1	New CA band combinations CA_28A-41A, CA_28A-41C, CA_28A-42A and CA_28A-42C - Updates of test points analysis	12.2.0	13.0.0
2016-06	RAN#72	R5-163020	0016	-	Addition of test points analysis for CA_1A-8A-11A	12.2.0	13.0.0
2016-09	RAN#73	R5-166032	0018	1	Introduction of test point analysis for CA_8A-42C (3DL) and test case 7.3A.5	13.0.0	13.1.0
2016-09	RAN#73	R5-166110	0026	1	36.905 Addition of test points selection for 2UL inter-band CA spurious test cases	13.0.0	13.1.0
2016-09	RAN#73	R5-166130	0025	1	Test point analysis for NS_24 and NS_25	13.0.0	13.1.0
2016-09	RAN#73	R5-166144	0023	1	Addition of test point analysis for TC 7.3A.9 Reference sensitivity level for 4DL CA	13.0.0	13.1.0
2016-09	RAN#73	R5-166146	0019	1	Addition of test points analysis for CA_1A-3C to 36.905	13.0.0	13.1.0
2016-09	RAN#73	R5-166153	0024	1	Change of test points and requirements for NS_05 A-MPR - Updates of test points analysis	13.0.0	13.1.0
2016-09	RAN#73	R5-166052	0021	1	New CA band combinations CA_1A-41A-42A - Updates of test points analysis	13.1.0	14.0.0
2016-12	RAN#74	R5-168559	0041	-	Update of the test point analysis for TC 7.3A.9 REFSSENS 4DL CA	14.0.0	14.1.0
2016-12	RAN#74	R5-168793	0047	-	Test point analysis of A-MPR test cases for Category M1	14.0.0	14.1.0
2016-12	RAN#74	R5-169162	0059	-	Addition of test point analysis for TC 7.3A.9 Reference sensitivity level	14.0.0	14.1.0
2016-12	RAN#74	R5-169171	0058	-	Correction of test point analysis for CA_4A-5A-30A	14.0.0	14.1.0
2016-12	RAN#74	R5-169538	0043	-	New CA band combination CA_1A-11A-18A - Updates of test points analysis	14.0.0	14.1.0
2016-12	RAN#74	R5-169540	0044	-	New CA band combination CA_41C-42C - Updates of test points analysis	14.0.0	14.1.0
2016-12	RAN#74	R5-169542	0045	-	New CA band combination CA_1A-18A, 1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of test points analysis	14.0.0	14.1.0
2016-12	RAN#74	R5-169551	0048	-	Correction of invalid test point for CA_1A-3A-7A	14.0.0	14.1.0
2016-12	RAN#74	R5-169555	0030	-	Addition of test points analysis for CA_2A-2A-12B to 36.905	14.0.0	14.1.0
2016-12	RAN#74	R5-169556	0031	-	Addition of test points analysis for CA_2A-2A-5A-12A to 36.905	14.0.0	14.1.0
2016-12	RAN#74	R5-169557	0032	-	Addition of test points analysis for CA_2A-2A-4A-5A to 36.905	14.0.0	14.1.0
2016-12	RAN#74	R5-169566	0028	-	Addition of test points analysis for CA_1A-3A-41A to 36.905	14.0.0	14.1.0
2016-12	RAN#74	R5-169614	0029	-	Update of section 4.3 with TPs selection analyses	14.0.0	14.1.0
2016-12	RAN#74	R5-169717	0042	-	Correction of test point analysis for NS_05 A-MPR	14.0.0	14.1.0
2017-03	RAN#75	R5-171255	0082	-	Clarification of Test point analysis process for 3DL and 4DL CA Reference sensitivity test cases	14.1.0	14.2.0
2017-03	RAN#75	R5-171710	0073	1	Addition of test points analysis for CA_1A-8A-28A	14.1.0	14.2.0
2017-03	RAN#75	R5-171713	0074	1	Addition of test points analysis for CA_3A-8A-28A	14.1.0	14.2.0
2017-03	RAN#75	R5-171716	0075	1	Addition of test points analysis for CA_3A-28A-41A	14.1.0	14.2.0
2017-03	RAN#75	R5-171723	0060	1	Addition of test points analysis for CA_1C-3A to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171724	0080	1	New CA band combinations CA_1A-41A-42C and 1A-41C-42A - Updates of test points analysis	14.1.0	14.2.0
2017-03	RAN#75	R5-171815	0081	1	Test point analysis of A-MPR test cases for Category M1	14.1.0	14.2.0

2017-03	RAN#75	R5-171820	0062	1	Addition of CA_1A-3A-28A in 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171822	0063	1	Addition of test points analysis for CA_2A-4A-30A to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171824	0064	1	Addition of test points analysis for CA_2A-4A-12A-30A to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171826	0065	1	Addition of test points analysis for CA_2A-4A-29A to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171827	0066	1	Addition of test points analysis for CA_2A-4A-29A-30A to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171828	0068	1	Addition of test points analysis for CA_5A-12B to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171830	0067	1	Addition of test points analysis for CA_2A-5A-12B to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171831	0069	1	Addition of test points analysis for CA_2A-4A-5A-12A to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171833	0070	1	Addition of test points analysis for CA_2C-12A-30A to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171835	0071	1	Addition of test points analysis for CA_2C-29A-30A to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171836	0072	1	Addition of test points analysis for CA_2C-30A to 36.905	14.1.0	14.2.0
2017-03	RAN#75	R5-171841	0077	1	Update of A-MPR analyses for (NS_03+NS_01) and (NS_03+NS_06)	14.1.0	14.2.0
2017-03	RAN#75	R5-171843	0078	1	CA band combinations CA_1A-26A, 1A-28A, 1A-42A and 18A-28A - Updates of test points analysis	14.1.0	14.2.0
2017-03	RAN#75	R5-171845	0079	1	CA band combinations CA_1A-18A-28A - Updates of test points analysis	14.1.0	14.2.0
2017-03	RAN#75	R5-171895	0076	1	Update for NS_04 Power Class 2 Test points	14.1.0	14.2.0
2017-03	RAN#75	R5-171903	0061	1	Update TR 36.905 with Test Points Analysis for Band 48	14.1.0	14.2.0
2017-06	RAN#76	R5-172114	0086	-	TP analysis for CA_46A-46A-66A, CA_46C-66A	14.2.0	14.3.0
2017-06	RAN#76	R5-172138	0087	-	Resubmission of Update TS 36.905 with Test Points Analysis for Band 48	14.2.0	14.3.0
2017-06	RAN#76	R5-172357	0093	-	Update for NS_04, NS_22 and NS_23 test points	14.2.0	14.3.0
2017-06	RAN#76	R5-172565	0099	-	Addition of CA_3A-3A-7A-7A in 36.905	14.2.0	14.3.0
2017-06	RAN#76	R5-172566	0100	-	Addition of CA_7A-7A-XA in 36.905	14.2.0	14.3.0
2017-06	RAN#76	R5-172649	0106	-	Addition of test points analysis for CA_xA-66A-66A and CA_66A-66C	14.2.0	14.3.0
2017-06	RAN#76	R5-172663	0107	-	Correction of PCC allocation rules for intra-band non-contiguous CA	14.2.0	14.3.0
2017-06	RAN#76	R5-173208	0085	1	TP analysis for TC 7.3A.5 for CA_4A-12A-30A	14.2.0	14.3.0
2017-06	RAN#76	R5-173211	0088	1	Addition of CA_3C-8A in 36.905	14.2.0	14.3.0
2017-06	RAN#76	R5-173213	0089	1	A-MPR analyses for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-173214	0090	1	Spurious emission TP analyses for new Rel-14 CA configurations	14.2.0	14.3.0
2017-06	RAN#76	R5-173218	0095	1	Addition of test points analysis for CA_1A-11A-28A	14.2.0	14.3.0
2017-06	RAN#76	R5-173219	0096	1	Addition of test points analysis for CA_8A-11A-28A	14.2.0	14.3.0
2017-06	RAN#76	R5-173222	0104	1	Addition of test points analysis for CA_3A-20A-32A	14.2.0	14.3.0
2017-06	RAN#76	R5-173292	0092	1	Update of the Test point analysis about REFSENS for 3DL and 4DL CA	14.2.0	14.3.0
2017-06	RAN#76	R5-173293	0091	1	Addition of the Test point analysis about REFSENS for 5DL CA	14.2.0	14.3.0
2017-06	RAN#76	R5-173294	0094	1	Update of TpAnalysis4DLRefSens_7.3A.9(2A-2A-12B)	14.2.0	14.3.0
2017-06	RAN#76	R5-173300	0101	1	Addition of test point analysis for CA_8A-41C	14.2.0	14.3.0
2017-06	RAN#76	R5-173304	0098	1	Addition of CA_3A-41A-42A in 36.905	14.2.0	14.3.0
2017-06	RAN#76	R5-173389	0097	1	Addition of test point analysis for 2UL/2DL of CA_41A-42A	14.2.0	14.3.0
2017-06	RAN#76	R5-173394	0102	1	Addition of test point analysis for Rel-14 CA	14.2.0	14.3.0
2017-09	RAN#77	R5-175014	0115	1	Addition of TP analysis for Reference sensitivity TC	14.3.0	14.4.0
2017-09	RAN#77	R5-175017	0116	1	Addition of CA_1A-3C-8A in 36.905	14.3.0	14.4.0
2017-09	RAN#77	R5-175018	0109	1	Addition of test points analysis for CA_1A-3A-11A	14.3.0	14.4.0
2017-09	RAN#77	R5-175019	0110	1	Addition of test points analysis for CA_3A-8A-11A	14.3.0	14.4.0
2017-09	RAN#77	R5-175020	0111	1	Addition of test points analysis for CA_3A-11A-28A	14.3.0	14.4.0
2017-09	RAN#77	R5-175021	0114	1	TP analysis for CA_29A-46A-66A, CA_46A-66C	14.3.0	14.4.0
2017-09	RAN#77	R5-175023	0112	1	New CA band combinations CA_41A-42C and CA_41C-42A - Updates of test points analysis	14.3.0	14.4.0
2017-09	RAN#77	R5-175024	0113	1	New CA band combinations CA_1A-41C-42C - Updates of test points analysis	14.3.0	14.4.0
2017-12	RAN#78	R5-176385	0117	-	Addition of CA_1A-3A-40A and CA_3A-8A-40A in 36.905	14.4.0	14.5.0
2017-12	RAN#78	R5-176387	0118	-	Addition of CA_1A-3A-8A-40A in 36.905	14.4.0	14.5.0
2017-12	RAN#78	R5-176434	0119	-	Addition of test points analysis for CA_2A-4A-7A_UL_2A-4A to 36.905	14.4.0	14.5.0
2017-12	RAN#78	R5-176435	0120	-	Addition of test points analysis for CA_2A-4A-7A-7A and CA_2A-4A-7A-7A_UL_2A-4A to 36.905	14.4.0	14.5.0
2018-03	RAN#79	R5-180800	0122	-	Correction of test point analysis for A-MPR for Band 48 (NS_27)	14.5.0	14.6.0
2018-03	RAN#79	R5-181542	0123	1	Correction of TP analyses for spurious co-existence	14.5.0	14.6.0
2018-03	RAN#79	R5-181617	0124	1	Addition of test points analysis for CA_3DL_3A-7A-20A_2UL	14.5.0	14.6.0
2018-03	RAN#79	R5-181618	0126	1	Addition of test points analysis for CA_3A-7A-20A-32A 4DL/1UL	14.5.0	14.6.0
2018-03	RAN#79	R5-180768	0121	-	Update TP analyses for spurious co-existence to Rel-15 requirements	14.6.0	15.0.0
2018-06	RAN#80	R5-182712	0134	-	New CA band combination CA_3A-18A - Updates of test points analysis	15.0.0	15.1.0
2018-06	RAN#80	R5-183733	0137	1	Addition of test points analysis for CA_3A-7A-42A 3DL/1UL	15.0.0	15.1.0
2018-06	RAN#80	R5-183734	0138	1	Addition of test points analysis for CA_3A-20A-42A 3DL/1UL	15.0.0	15.1.0
2018-06	RAN#80	R5-183745	0131	1	CA band combination CA_1A-18A-28A - Updates of test points analysis	15.0.0	15.1.0

2018-06	RAN#80	R5-183768	0132	1	CA band combination CA_41C-42C - Updates of test points analysis	15.0.0	15.1.0
2018-06	RAN#80	R5-183769	0133	1	CA band combinations CA_1A-3A-28A, CA_1A-3A-42A, CA_1A-42C and 3A-42C - Updates of test points analysis	15.0.0	15.1.0
2018-06	RAN#80	R5-183775	0135	1	CA band combinations CA_1A-3A-18A and CA_1A-3A-26A - Updates of test points analysis	15.0.0	15.1.0
2018-06	RAN#80	R5-183777	0136	1	CA band combinations CA_41A-42C and 41C-42A - Updates of test points analysis	15.0.0	15.1.0
2018-06	RAN#80	R5-183778	0139	1	RF TP analysis for CA_29A-66A-70A, CA_29A-66A-66A-70A, CA_29A-66A-66A-70C, CA_29A-66A-70C, CA_29A-66C-70A, CA_29A-66C-70C, CA_29A-70C, CA_66A-66A-70A, CA_66A-66A-70C, CA_66A-70A, CA_66A-70C, CA_66C-70A, CA_66C-70C	15.0.0	15.1.0
2018-09	RAN#81	R5-184197	0143	-	CA band combination CA_2A-46A CA_26A-46A - Updates of test points analysis	15.1.0	15.2.0
2018-09	RAN#81	R5-184277	0144	-	Update of TP analysis of CA_3A-7A-8A	15.1.0	15.2.0
2018-09	RAN#81	R5-184278	0145	-	Addition of TP analysis of CA_1A-7A-8A in 36.905	15.1.0	15.2.0
2018-09	RAN#81	R5-184279	0146	-	Addition of TP analysis of CA_1A-3A-7A-8A in 36.905	15.1.0	15.2.0
2018-09	RAN#81	R5-184280	0147	-	Addition of TP analysis of CA_7A-42A-42A in 36.905	15.1.0	15.2.0
2018-09	RAN#81	R5-184281	0148	-	Addition of TP analysis of CA_20A-42A-42A in 36.905	15.1.0	15.2.0
2018-09	RAN#81	R5-184553	0149	-	Update of (NS_01/NS_17), (NS_03/NS_07), (NS_05/NS_01) and (NS_05/NS_17) TP analysis for A-MPR test case for inter-band UL CA	15.1.0	15.2.0
2018-09	RAN#81	R5-184638	0150	-	CA_1A-3A-26A(1UL) - Updates of test points analysis	15.1.0	15.2.0
2018-09	RAN#81	R5-184773	0152	-	RF TP analysis for CA_66A-66A-70C-71A, CA_66A-66A-70A-71A, CA_66A-70C-71A, CA_66A-70A-71A, CA_66A-66A-71A, CA_70A-71A, CA_66A-71A, CA_66C-70C-71A, CA_66C-70A-71A, CA_70C-71A, CA_66C-71A	15.1.0	15.2.0
2018-09	RAN#81	R5-184800	0153	-	Update to test point analysis for NS_27	15.1.0	15.2.0
2018-09	RAN#81	R5-184821	0154	-	Inter-band con-current V2X configurations- Updates of test points analysis	15.1.0	15.2.0
2018-09	RAN#81	R5-185345	0141	1	New CA band combination CA_1A-3A-7A-20A - Update of test point analysis	15.1.0	15.2.0
2018-09	RAN#81	R5-185437	0155	1	Test point and test requirements analysis for CA_3A-41A, 41A-42A,3A-42A spurious test cases	15.1.0	15.2.0
2018-09	RAN#81	R5-185502	0156	1	Addition of new CA band combination – Updates of test points analysis	15.1.0	15.2.0
2018-09	RAN#81	R5-185543	0151	1	CA_3A-18A - Updates of test points analysis	15.1.0	15.2.0
2018-12	RAN#82	R5-186450	0157	-	Addition of test point calculation for BW combination 75-25 in TC 6.2.4A.2	15.2.0	15.3.0
2018-12	RAN#82	R5-187268	0160	-	CA_3A-28A - Updates of test points analysis	15.2.0	15.3.0
2018-12	RAN#82	R5-187292	0161	-	CA_11A-18A - Updates of test points analysis	15.2.0	15.3.0
2018-12	RAN#82	R5-187452	0169	-	Inter-band concurrent V2X configurations- Add 71A_47A Spurious Emission Test points analysis	15.2.0	15.3.0
2018-12	RAN#82	R5-187865	0165	1	TP analyses for new Rel-15 CA configurations	15.2.0	15.3.0
2018-12	RAN#82	R5-187867	0158	1	Inter-band concurrent V2X configurations- Add 3A_47A Spurious Emission Test points analysis	15.2.0	15.3.0
2018-12	RAN#82	R5-187868	0167	1	Inter-band concurrent V2X configurations- Add 5A_47A Spurious Emission Test points analysis	15.2.0	15.3.0
2018-12	RAN#82	R5-187960	0162	1	CA_3A-41A-42C(1UL) - Updates of test points analysis	15.2.0	15.3.0
2018-12	RAN#82	R5-187961	0163	1	CA_3A-41C-42A(1UL) - Updates of test points analysis	15.2.0	15.3.0
2018-12	RAN#82	R5-187962	0164	1	CA_3A-41C-42C(1UL) - Updates of test points analysis	15.2.0	15.3.0
2018-12	RAN#82	R5-187969	0166	1	Update for reference sensitivity TP analysis for CA_2A-66A-71A CA configuration	15.2.0	15.3.0
2019-03	RAN#83	R5-191174	0170	-	Addition of TP analysis for UE-coexistence SE requirements for V2X_7A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191175	0171	-	Addition of TP analysis for UE-coexistence SE requirements for V2X_8A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191176	0172	-	Addition of TP analysis for UE-coexistence SE requirements for V2X_20A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191177	0173	-	Addition of TP analysis for UE-coexistence SE requirements for V2X_28A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191178	0174	-	Addition of TP analysis for UE-coexistence SE requirements for V2X_34A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191179	0175	-	Addition of TP analysis for UE-coexistence SE requirements for V2X_39A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191180	0176	-	Addition of TP analysis for UE-coexistence SE requirements for V2X_41A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191181	0177	-	Update of TP analysis for UE-coexistence SE requirements for V2X_3A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191182	0178	-	Update of TP analysis for UE-coexistence SE requirements for V2X_71A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191469	0179	-	Update of TP analysis for UE-coexistence SE requirements for V2X_5A-47A	15.3.0	15.4.0
2019-03	RAN#83	R5-191792	0182	-	Correction to Table 4.1.3-1 in clause 4.1.3	15.3.0	15.4.0

2019-03	RAN#83	R5-191957	0185	-	Updating and correction of TP analysis for 3DL CA configuration	15.3.0	15.4.0
2019-03	RAN#83	R5-191958	0186	-	Updating of TP analysis for 4DL CA configuration	15.3.0	15.4.0
2019-03	RAN#83	R5-192636	0183	1	New CA band combination CA_18A-42A - Updates of test points analysis	15.4.0	16.0.0
2019-03	RAN#83	R5-192637	0184	1	New CA band combination CA_3A-18A-42A - Updates of test points analysis	15.4.0	16.0.0
2019-06	RAN#84	R5-193712	0187	-	New CA band combination CA_1A-3A-41C - Updates of test points analysis	16.0.0	16.1.0
2019-06	RAN#84	R5-194021	0188	-	CA_1A-3A-41A-42A - Updates of test points analysis	16.0.0	16.1.0
2019-06	RAN#84	R5-194072	0190	-	TpAnalysisSpur_2A-4A_v4	16.0.0	16.1.0
2019-06	RAN#84	R5-194421	0207	-	Updates of test points analysis for R16 CA	16.0.0	16.1.0
2019-06	RAN#84	R5-194967	0204	1	Addition of test points analysis CA_3A_7A_28A, CA_3X_7Y and CA_7X_28Y	16.0.0	16.1.0
2019-06	RAN#84	R5-195006	0205	1	Analysis of new CA band 2A-5A-29A for CA 3DL CA REFSENS	16.0.0	16.1.0
2019-06	RAN#84	R5-195057	0203	1	CA_1A-3A-41C-42C - Updates of test points analysis	16.0.0	16.1.0
2019-06	RAN#84	R5-195068	0206	1	Introduction of category M2 in section 4.1.1	16.0.0	16.1.0
2019-06	RAN#84	R5-195112	0191	1	TpAnalysisSpur_2A-5A_v3	16.0.0	16.1.0
2019-06	RAN#84	R5-195113	0192	1	TpAnalysisSpur_2A-12A_v3	16.0.0	16.1.0
2019-06	RAN#84	R5-195114	0193	1	TpAnalysisSpur_2A-13A_v4	16.0.0	16.1.0
2019-06	RAN#84	R5-195115	0194	1	TpAnalysisSpur_4A-5A_v4	16.0.0	16.1.0
2019-06	RAN#84	R5-195116	0195	1	TpAnalysisSpur_4A-13A_v4	16.0.0	16.1.0
2019-06	RAN#84	R5-195117	0196	1	TpAnalysisSpur_4A-17A_v4	16.0.0	16.1.0
2019-06	RAN#84	R5-195118	0197	1	TpAnalysisSpur_5A-12A_v5	16.0.0	16.1.0
2019-06	RAN#84	R5-195119	0198	1	TpAnalysisSpur_5A-17A_v4	16.0.0	16.1.0
2019-06	RAN#84	R5-195120	0199	1	TpAnalysisSpur_V2X_5A-47A_v4	16.0.0	16.1.0
2019-06	RAN#84	R5-195121	0200	1	TpAnalysisSpur_V2X_71A-47A_v4	16.0.0	16.1.0
2019-09	RAN#85	R5-195716		-	Addition of test point analysis for V2X AMPR test cases	16.1.0	16.2.0
2019-09	RAN#85	R5-195796		-	New CA band combination CA_20A_40A specific test points	16.1.0	16.2.0
2019-09	RAN#85	R5-195801		-	Addition of Refsens test points analysis for CA_11A_41C and CA_11A_42C	16.1.0	16.2.0
2019-09	RAN#85	R5-196559		-	Addition of TP analysis for CA_8A-40C to 36.905	16.1.0	16.2.0
2019-09	RAN#85	R5-196560		-	Addition of TP analysis for CA_8A-20A-28A to 36.905	16.1.0	16.2.0
2019-09	RAN#85	R5-196561		-	Addition of TP analysis for CA_3A-28A-38A to 36.905	16.1.0	16.2.0
2019-09	RAN#85	R5-196562		-	Addition of TP analysis for CA_1A-8A-38A to 36.905	16.1.0	16.2.0
2019-09	RAN#85	R5-196563		-	Addition of TP analysis for CA_1A-1A-7A to 36.905	16.1.0	16.2.0
2019-09	RAN#85	R5-196564		-	Addition of TP analysis for CA_3A-7A-38A to 36.905	16.1.0	16.2.0
2019-09	RAN#85	R5-196565		-	Addition of TP analysis for CA_3A-3A-8A to 36.905	16.1.0	16.2.0
2019-09	RAN#85	R5-196566		-	Addition of TP analysis for CA_28A-40D to 36.905	16.1.0	16.2.0
2019-09	RAN#85	R5-197462		1	New CA band combination CA_1A-18A-42A - Updates of test points analysis	16.1.0	16.2.0
2019-09	RAN#85	R5-197463		1	New CA band combination CA_18A-42C - Updates of test points analysis	16.1.0	16.2.0
2019-09	RAN#85	R5-197464		1	New CA band combination CA_1A-3A-18A-42A - Updates of test points analysis	16.1.0	16.2.0
2019-12	RAN#86	R5-198291	0225	-	Update of test point analysis for V2X AMPR test cases	16.2.0	16.3.0
2019-12	RAN#86	R5-198339	0226	-	New CA band combination CA_38A_40A_40A specific test points	16.2.0	16.3.0
2019-12	RAN#86	R5-198341	0227	-	New CA band combination CA_2A_4A_4A_5A specific test points	16.2.0	16.3.0
2019-12	RAN#86	R5-198691	0228	-	Correction to Rx test points for CA_1A-3A-42C	16.2.0	16.3.0
2019-12	RAN#86	R5-198729	0229	-	Correction of test point analysis for CA_2A-2A-66A-71A	16.2.0	16.3.0
2019-12	RAN#86	R5-199466	0222	1	New CA band combination CA_1A-18A-42C - Updates of test points analysis	16.2.0	16.3.0
2019-12	RAN#86	R5-199467	0223	1	New CA band combination CA_3A-18A-42C - Updates of test points analysis	16.2.0	16.3.0
2019-12	RAN#86	R5-199468	0224	1	New CA band combination CA_1A-3A-18A-42C - Updates of test points analysis	16.2.0	16.3.0
2020-06	RAN#88	R5-202443	0236	-	Update of Test Point Analysis for CA_3A-7B	16.3.0	16.4.0
2020-06	RAN#88	R5-202706	0231	1	Addition of TP analysis for CA_1A-7A-7A to 36.905	16.3.0	16.4.0
2020-06	RAN#88	R5-202707	0232	1	Addition of TP analysis for CA_1A-7A-28A BW set2 to 36.905	16.3.0	16.4.0
2020-06	RAN#88	R5-202764	0235	1	Addition of test points for A-MPR for CA HPUE	16.3.0	16.4.0
2020-06	RAN#88	R5-202819	0233	1	Addition of TP analysis for CA_3C-20A to 36.905	16.3.0	16.4.0
2020-06	RAN#88	R5-202854	0234	1	Addition of TP analysis for CA_38A-40C BCS1 to 36.905	16.3.0	16.4.0
2020-09	RAN#89	R5-203987	0237	-	Updating test point analysis for AMPR of NS_01 and NS_04	16.4.0	16.5.0
2020-09	RAN#89	R5-203988	0238	-	Updating test point analysis for 3A-41A to add SE-coex	16.4.0	16.5.0
2020-09	RAN#89	R5-204276	0239	-	Update of test point analysis for CA_3A-7B	16.4.0	16.5.0
2020-12	RAN#90	R5-205706	0240	-	Update of A-MPR for inter-band UL CA	16.5.0	16.6.0
2020-12	RAN#90	R5-205985	0241	-	Addition of A-MPR TP analysis for NS_44	16.5.0	16.6.0
2021-09	RAN#93	R5-214719	0242	-	Test point analysis for cat M1 subPRB allocation NS_07	16.6.0	16.7.0
2021-12	RAN#94	R5-217147	0244	-	Test point analysis for cat M1 A-MPR with subPRB allocation	16.7.0	16.8.0
2021-12	RAN#94	R5-217148	0245	-	Test point analysis for cat M2 A-MPR with subPRB allocation	16.7.0	16.8.0
2021-12	RAN#94	R5-217544	0247	-	Spurious emission TP analyses for CA_42C-41C	16.7.0	16.8.0
2021-12	RAN#94	R5-218378	0243	1	Addition of A-MPR TP analysis for NS_56 (B24)	16.7.0	16.8.0
2023-03	RAN#99	-	-	-	Upgrade to Rel-17 with no change	16.8.0	17.0.0

2023-06	RAN#100	R5-232147	0249	-	Removal of technical content in TR 36.905 v17.0.0 and substitution with pointer to the next Release	17.0.0	17.1.0
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History

Document history		
V17.0.0	May 2023	Publication
V17.1.0	July 2023	Publication