



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 15.5.0 Release 15)



Reference

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Keywords

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Foreword

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

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

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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.
- For a specific reference, subsequent revisions do not apply.
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[1] to [4] (void)

- [5] 3GPP TS 36.905 Release 16: "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"

3 Definitions, symbols and abbreviations

Void

4 Test coverage analysis

The requirements of the present document are provided in 3GPP TS 36.905 Release 16 [5].

Annex A: Void

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Annex B: Change history

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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