

ETSI TS 136 579-2 V14.12.0 (2023-01)



LTE;
Mission Critical (MC) services over LTE;
Part 2: Mission Critical Push To Talk (MCPTT) User Equipment
(UE) Protocol conformance specification
(3GPP TS 36.579-2 version 14.12.0 Release 14)



Reference

RTS/TSGR-0536579-2vec0

Keywords

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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:

Version x.y.z

where:

- x the first digit:
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 - 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 part 2 of a multi-part deliverable covering conformance test specification for Mission Critical Services over LTE consisting of:

3GPP TS 36.579-1 [2]: "Mission Critical (MC) services over LTE; Part 1: Common test environment"

3GPP TS 36.579-2: "Mission Critical (MC) services over LTE; Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification" (the present document);

3GPP TS 36.579-3 [3]: "Mission Critical (MC) services over LTE; Part 3: Mission Critical Push To Talk (MCPTT) Server Application conformance specification";

3GPP TS 36.579-4 [4]: "Mission Critical (MC) services over LTE; Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification";

3GPP TS 36.579-5 [5]: "Mission Critical (MC) services over LTE; Part 5: Abstract test suite (ATS)".

1 Scope

The present document specifies the protocol conformance testing for testing a MCPTT Client for compliance to the Mission Critical Push To Talk (MCPTT) over LTE protocol requirements defined by 3GPP.

In particular the present document contains:

- the overall test structure;
- the test configurations;
- the conformance requirement and reference to the core specifications;
- the test purposes; and
- a brief description of the test procedure, the specific test requirements and short message exchange table.

The present document is valid for MCPTT Clients implemented according to 3GPP releases starting from Release 13 up to the Release indicated on the cover page of the present document.

The following information relevant to testing specified in the present document could be found in accompanying specifications:

- default setting of the test parameters TS 36.579-1 [2];
- Implementation Conformance Statement (ICS) TS 36.579-4 [4] and Implementation eXtra Information for Testing (IXIT) TS 36.579-5 [5];
- the applicability of each test case TS 36.579-4 [4].

The test cases are expected to be executed through the 3GPP radio interface. The present document does not specify the protocol conformance testing for the EPS (LTE) bearers which carry the MCPTT data sent or received by the MCPTT Client and which are required to be supported by the UE in which the MCPTT Client is installed. This is defined in TS 36.523-1 [6].

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 [34] (void)

[35] 3GPP TS 36.579-2 Release 15: "Mission Critical (MC) services over LTE; Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification"

3 Definitions, symbols and abbreviations

Void

4 General

The requirements of the present document are provided in 3GPP TS 36.579-2 Release 15 [35].

5 to 7 Void

Annex A (informative): Change history

Change history							
Date	Meeting	TDoc	CR	R ev	Cat	Subject/Comment	New version
2017-02	RAN5#74	R5-171299	-	-	-	Introduction of TS 36.579-2.	0.0.1
2017-05	RAN5#75	R5-172101	-	-	-	Introduced pCR from R5-172080 New MCPTT TC 6.2.1 CO Private Call automatic floor control emergency upgrade R5-172081 New MCPTT TC 6.2.2 CT Private Call automatic floor control emergency upgrade R5-172082 New MCPTT TC 6.2.3 CO Private Call automatic no floor control R5-172083 New MCPTT TC 6.2.4 CT Private Call automatic no floor control R5-172084 New MCPTT TC 6.2.5 CO Private Emergency Call Automatic R5-172085 New MCPTT TC 6.2.6 CT Private Emergency Call Force of automatic commencement R5-172086 New MCPTT TC 6.2.7 CO Private Call Manual R5-172087 New MCPTT TC 6.2.8 CT Private Call Manual R5-172970 New MCPTT TC 5.3 Group Affiliation and De-affiliation R5-172971 New MCPTT TC 5.4 Pre-established Session Establishment Modification and Release R5-172972 New MCPTT TC 6.1.1.1 CO On-Demand Pre-arranged Group Call with Floor Control and Upgrades and Automatic Commencement Mode R5-172973 New MCPTT TC 6.1.1.4 CT On-demand Pre-arranged Group Call with Manual Commencement Mode R5-172974 New MCPTT TC 6.1.2.3 On-network / One MCPTT System / Chat Group Call Using Pre-established Session / Client originated Pre-established Session Release with associated MCPTT session / Client Origination (CO) R5-172975 MCPTT Testing: Introduction of test case 5.1 in 36.579-2 R5-172976 MCPTT Testing: Introduction of test case 5.2 in 36.579-2 R5-172977 MCPTT Testing: Introduction of test case 6.1.2.1 in 36.579-2	0.0.2
2017-06	RAN5#75	-	-	-	-	lifted to v0.1.0 with small editorial changes, because of technical contents	0.1.0

2017-09	RAN5#76	R5-173767		<p>Introduced pCR from</p> <p>R5-173708 Editorial updates of MCPTT TS 36579-2</p> <p>R5-173709 Update of MCPTT TC 6.2.1</p> <p>R5-174601 Update of MCPTT TC 6.2.2</p> <p>R5-173711 Update of MCPTT TC 6.2.3</p> <p>R5-173712 Update of MCPTT TC 6.2.4</p> <p>R5-173713 Update of MCPTT TC 6.2.5</p> <p>R5-173714 Update of MCPTT TC 6.2.6</p> <p>R5-173715 Update of MCPTT TC 6.2.7</p> <p>R5-173716 Update of MCPTT TC 6.2.8</p> <p>R5-173717 New MCPTT TC 6.2.9 Private call pre-established session automatic CO</p> <p>R5-173718 New MCPTT TC 6.2.10 Private call pre-established session automatic CT</p> <p>R5-173719 New MCPTT TC 6.2.11 Private call pre-established session manual CT</p> <p>R5-173720 New MCPTT TC 7.1.2.1 Private call off-network</p> <p>R5-173721 New MCPTT TC 7.1.2.2 Private call off-network</p> <p>R5-173722 New MCPTT TC 7.1.2.3 Private call off-network</p> <p>R5-173723 New MCPTT TC 7.1.2.4 Private call off-network</p> <p>R5-173724 New MCPTT TC 7.1.2.5 Private call off-network</p> <p>R5-174602 Update of MCPTT TC 6.1.2.2</p> <p>R5-174603 New MCPTT TC 6.1.2.3 On-network / One MCPTT System / Chat Group Call / Late Entry</p> <p>R5-174604 New MCPTT TC 6.1.2.4 On-network / One MCPTT System / Chat Group Call / Rejection Upon Join Attempt / Join Attempt Successful / De-affiliation</p> <p>R5-174605 Update of MCPTT TC 5.3</p> <p>R5-174606 Update of MCPTT TC 5.4</p> <p>R5-174607 Update of MCPTT TC 6.1.1.1</p> <p>R5-174608 Update of MCPTT TC 6.1.1.4</p> <p>R5-174609 New MCPTT TC 6.1.1.2 Group Call Client Terminated with Floor Control</p> <p>R5-174610 New MCPTT TC 6.1.1.3 Group Call CO Manual Commencement</p> <p>R5-174611 New MCPTT TC 6.1.1.5 Group Call CO pre-established session</p> <p>R5-174612 New MCPTT TC 6.1.1.6 Group Call CT pre-established session with auto</p> <p>R5-174613 New MCPTT TC 6.1.1.7 Group Call CT pre-established session with manual</p> <p>R5-174614 New MCPTT TC 6.1.1.15 Group Call CO Emergency Alerts</p> <p>R5-174615 New MCPTT TC 6.1.1.16 Group Call CT Emergency Alerts</p> <p>R5-174616 New MCPTT TC 7.1.1.1 Off-Network Group Call - basic call with upgrades and downgrades</p> <p>R5-174617 MCPTT Testing: Additions for test case 5.1 in 36.579-2</p> <p>R5-174043 MCPTT Testing: Additions for test case 6.1.2.1 in 36.579-2</p> <p>R5-174618 New MCPTT TC 6.1.1.8 On-network / One MCPTT System / Pre-arranged Broadcast Group Call / Client Originated (CO)</p> <p>R5-174619 New MCPTT TC 6.1.1.9 On-network / One MCPTT System / Pre-arranged Broadcast Group Call / Client Terminated (CT)</p> <p>R5-174620 New MCPTT TC 6.1.1.10 On-network / One MCPTT System / Broadcast Group Call with Temporary Group / Client Originated (CO)</p> <p>R5-174621 New MCPTT TC 6.1.1.11 On-network / One MCPTT System / Pre-arranged Emergency Group Call / Client Originated (CO)</p> <p>R5-174622 New MCPTT TC 6.1.1.12 On-network / One MCPTT System / Pre-arranged Emergency Group Call / Client Terminated (CT)</p> <p>R5-174623 New MCPTT TC 6.1.2.5 On-network / One MCPTT System / Chat Group Group-broadcast Broadcast Group Call / Client Originated (CO)</p> <p>R5-174624 New MCPTT TC 6.1.2.6 On-network / One MCPTT System / Chat Group Broadcast Group Call / Client Terminated (CT)</p> <p>R5-174625 New MCPTT TC 6.1.2.7 On-network / One MCPTT System / Chat Group Emergency Group Call / Client Originated (CO)</p> <p>R5-174626 New MCPTT TC 6.1.2.8 On-network / One MCPTT System / Chat Group Emergency Group Call / Client Terminated (CT)</p>	0.2.0
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2017-11	RAN#77	R5-176836	-	-	-	Updated with pCR R5-177003, R5-177004, R5-177005, R5-177006, R5-177007, R5-177008, R5-177009, R5-176270, R5-176271, R5-176272, R5-176273, R5-176274, R5-176275, R5-176276, R5-176277, R5-176278, R5-176279, R5-176280, R5-176281, R5-177010, R5-177011, R5-177012, R5-177013, R5-177014, R5-177015, R5-177016, R5-177017, R5-177018, R5-177019, R5-177020, R5-177021, R5-177022, R5-177023, R5-177024, R5-177025, R5-177026, R5-177027, R5-177028, R5-177029, R5-177030, R5-177031, R5-177032, R5-177033, R5-177034, R5-177035, R5-177036, R5-177037 Editor's alignments: sections numbering and adding FFS.	0.3.0
2017-12	RAN#78	RP-172183	-	-	-	Draft version for information purposes to the RAN Plenary	1.0.0
2018-03	RAN#78	R5-180685	-	-	-	Updated with pCR R5-181242, R5-181243, R5-181244, R5-181245, R5-181246, R5-181247, R5-181248, R5-181249, R5-181250, R5-181251, R5-181252, R5-181253, R5-181254, R5-181255, R5-181256, R5-181257, R5-181258, R5-181259, R5-181260, R5-180519, R5-180520, R5-180521, R5-180522, R5-180523, R5-180524, R5-180525, R5-180526, R5-180527, R5-180528, R5-180529, R5-180530, R5-180531, R5-180532, R5-180533, R5-181261, R5-181262, R5-181263, R5-181264, R5-180640, R5-181265, R5-180642, R5-181266, R5-180644, R5-181267, R5-180646, R5-180647, R5-180648, R5-180649, R5-180650, R5-180651, R5-180652, R5-180653, R5-180654, R5-180655, R5-181268	1.1.0
2018-03	RAN#79	RP-180127	-	-	-	Draft version for approval to move the spec under revision control to the RAN Plenary	2.0.0
2018-03	RAN#79	-	-	-	-	Editorial changes and promoted to v13.0.0	13.0.0
2018-06	RAN#80	R5-182418	0001	-	F	Addition and correction of GNSS information	13.1.0
2018-06	RAN#80	R5-182419	0002	-	F	Editorial correction of typos and incorrect references	13.1.0
2018-06	RAN#80	R5-182430	0003	-	F	Editorial Update of 36.579-2 for style H6	13.1.0
2018-06	RAN#80	R5-182431	0004	-	F	Update of TC 5.1 for MCPTT APN	13.1.0
2018-06	RAN#80	R5-182432	0005	-	F	Updates of Location information messages in 36.579-2	13.1.0
2018-06	RAN#80	R5-182489	0008	-	F	Update of MCPTT TC 6.1.1.1	13.1.0
2018-06	RAN#80	R5-182510	0009	-	F	Correction to MCPTT TC of 6.1.1.8, 6.1.1.11, 6.1.2.5 and 6.1.2.7	13.1.0
2018-06	RAN#80	R5-183167	0006	1	F	Updates of TC 6.3.1	13.1.0
2018-06	RAN#80	R5-183168	0007	1	F	Updates of TC 6.3.2	13.1.0
2018-09	RAN#81	R5-184692	0016	-	F	Editorial updates to 36.579-2 Rel-13 TCs	13.2.0
2018-09	RAN#81	R5-184687	0011	-	F	Adding a new Rel-14 TC on Private Call Call-Back Request / Client Terminated (CT) / Private call call-back fulfilment	14.0.0
2018-09	RAN#81	R5-184689	0013	-	F	Adding a new Rel-14 TC on Private Call / Remotely initiated Ambient listening call Client Terminated (CT)	14.0.0
2018-09	RAN#81	R5-184690	0014	-	F	Adding a new Rel-14 TC on Private Call / Locally initiated Ambient listening call / Client Originated (CO)	14.0.0
2018-09	RAN#81	R5-184691	0015	-	F	Adding a new Rel-14 TC on Private Call / Locally initiated Ambient listening call / Client Terminated (CT)	14.0.0
2018-09	RAN#81	R5-185123	0010	1	F	Adding a new Rel-14 TC on Private Call Call-Back Request / Client Originated (CO) / Private call call-back fulfilment	14.0.0
2018-09	RAN#81	R5-185124	0012	1	F	Adding a new Rel-14 TC on Private Call / Remotely initiated Ambient listening call Client Originated (CO)	14.0.0
2018-12	RAN#82	R5-186882	0017	-	F	Update of MCPTT Client off-network operation TCs Core requirements to reflect latest Rel-13 core specs	14.1.0
2018-12	RAN#82	R5-186883	0018	-	F	Update of MCPTT Private Calls with Floor Control TCs Core requirements to reflect latest Rel-13 core specs	14.1.0
2018-12	RAN#82	R5-186884	0019	-	F	Update of MCPTT Private Calls without Floor Control TCs Core requirements to reflect latest Rel-13 core specs	14.1.0
2018-12	RAN#82	R5-186885	0020	-	F	Update of MCPTT Private Calls within a pre-established session TCs Core requirements to reflect latest Rel-13 core specs	14.1.0
2018-12	RAN#82	R5-187718	0021	1	F	Update of TC 5.1 in 36.579-2	14.1.0
2019-03	RAN#83	R5-191903	0022	-	F	Update to MCPTT TC 7.2.1 Off-network / Private Call CO	14.2.0
2019-03	RAN#83	R5-191904	0023	-	F	Update to MCPTT TC 7.2.2 Off-network / Private Call CT	14.2.0
2019-03	RAN#83	R5-191905	0024	-	F	Update to MCPTT TC 7.2.3 Off-network / Private Call CO	14.2.0
2019-03	RAN#83	R5-191907	0026	-	F	Update to MCPTT TC 7.2.5 Off-network / Private Call CT	14.2.0
2019-03	RAN#83	R5-192159	0041	-	F	Update 36.579-2 Typos in Reference and Scope	14.2.0
2019-03	RAN#83	R5-192366	0025	1	F	Update to MCPTT TC 7.2.4 Off-network / Private Call CO	14.2.0
2019-03	RAN#83	R5-192367	0027	1	F	Update to MCPTT TC 7.1.1 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192368	0028	1	F	Update to MCPTT TC 7.1.2 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192369	0029	1	F	Update to MCPTT TC 7.1.3 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192370	0030	1	F	Update to MCPTT TC 7.1.4 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192371	0031	1	F	Update to MCPTT TC 7.1.5 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192372	0032	1	F	Update to MCPTT TC 7.1.6 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192373	0033	1	F	Update to MCPTT TC 7.1.7 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192374	0034	1	F	Update to MCPTT TC 7.1.8 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192375	0035	1	F	Update to MCPTT TC 7.1.9 Off-network / Group Call	14.2.0

2019-03	RAN#83	R5-192376	0036	1	F	Update to MCPTT TC 7.1.10 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192377	0037	1	F	Update to MCPTT TC 7.1.11 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192378	0038	1	F	Update to MCPTT TC 7.1.12 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192379	0039	1	F	Update to MCPTT TC 7.1.13 Off-network / Group Call	14.2.0
2019-03	RAN#83	R5-192836	0040	1	F	Update 36.579-2 Typo of 36.579-1 reference throughout spec	14.2.0
2019-06	RAN#84	R5-194666	0045	-	F	Typo for MCPTT in 36.579-2	14.3.0
2019-06	RAN#84	R5-195218	0042	1	F	Correction of floor control messages in test case 6.1.1.1	14.3.0
2019-06	RAN#84	R5-195219	0043	1	F	Correction of call setup in test case 6.1.1.2	14.3.0
2019-06	RAN#84	RP-191440	0044	2	F	Correction of call setup in test case 6.1.1.4	14.3.0
2019-09	RAN#85	R5-195969	0046	-	F	Correction of test case 5.3	14.4.0
2019-09	RAN#85	R5-195971	0048	-	F	Correction of test case 6.1.1.1	14.4.0
2019-09	RAN#85	R5-196301	0056	-	F	Correction of test case 6.2.1	14.4.0
2019-09	RAN#85	R5-196302	0057	-	F	Correction of test case 6.2.3	14.4.0
2019-09	RAN#85	R5-196303	0058	-	F	Correction of test case 6.2.5	14.4.0
2019-09	RAN#85	R5-197107	0059	1	F	Update to MCPTT Chat Group TC 6.1.2.1	14.4.0
2019-09	RAN#85	R5-197108	0060	1	F	Update to MCPTT Chat Group TC 6.1.2.3	14.4.0
2019-09	RAN#85	R5-197109	0061	1	F	Update to MCPTT Chat Group TC 6.1.2.4	14.4.0
2019-09	RAN#85	R5-197110	0062	1	F	Update to MCPTT Chat Group TC 6.1.2.5	14.4.0
2019-09	RAN#85	R5-197111	0063	1	F	Update to MCPTT Chat Group TC 6.1.2.6	14.4.0
2019-09	RAN#85	R5-197112	0064	1	F	Update to MCPTT Chat Group TC 6.1.2.7	14.4.0
2019-09	RAN#85	R5-197113	0065	1	F	Update to MCPTT Chat Group TC 6.1.2.8	14.4.0
2019-09	RAN#85	R5-197114	0066	1	F	Update to MCPTT Chat Group TC 6.1.2.9	14.4.0
2019-09	RAN#85	R5-197115	0067	1	F	Update to MCPTT Chat Group TC 6.1.2.10	14.4.0
2019-09	RAN#85	R5-197116	0068	1	F	New MCPTT Chat Group TC 6.1.2.11	14.4.0
2019-09	RAN#85	R5-197117	0069	1	F	New MCPTT Chat Group TC 6.1.2.12	14.4.0
2019-09	RAN#85	R5-197130	0073	1	F	Update to TC 5.4	14.4.0
2019-09	RAN#85	R5-197131	0074	1	F	Update to TC 6.1.1.5	14.4.0
2019-09	RAN#85	R5-197135	0049	1	F	Correction of test case 6.1.1.11	14.4.0
2019-09	RAN#85	R5-197136	0050	1	F	Correction of test case 6.1.1.13	14.4.0
2019-09	RAN#85	R5-197137	0052	1	F	Corrections to references and values in TS 36.579-2	14.4.0
2019-12	RAN#86	R5-198165	0075	-	F	Corrections to MCPTT test case 6.1.1.12	14.5.0
2019-12	RAN#86	R5-199078	0076	2	F	Updates to TC 6.1.1.13	14.5.0
2019-12	RAN#86	R5-199078	0076	2	F	Updates to TC 6.1.1.13	14.5.0
2020-03	RAN#87	R5-200266	0078	-	F	Addition of further references	14.6.0
2020-03	RAN#87	R5-201151	0079	1	F	Corrections to MCPTT test case 5.1	14.6.0
2020-06	RAN#88	R5-201589	0081	-	F	Correction to MCPTT test case 5.2	14.7.0
2020-06	RAN#88	R5-201590	0082	-	F	Correction to MCPTT test case 6.1.1.7	14.7.0
2020-06	RAN#88	R5-201591	0083	-	F	Correction to MCPTT test case 6.1.1.14	14.7.0
2020-06	RAN#88	R5-202383	0084	1	F	Corrections to test case 6.1.1.1	14.7.0
2020-06	RAN#88	R5-202386	0086	1	F	Broadcast calls over pre-established sessions	14.7.0
2020-06	RAN#88	R5-202558	0087	1	F	New MCPTT Test Case - 5.5	14.7.0
2020-06	RAN#88	R5-203075	0080	1	F	Correction to MCPTT test case 5.1	14.7.0
2020-06	RAN#88	R5-203115	0085	2	F	Update to test case 6.1.1.2	14.7.0
2020-09	RAN#89	R5-204536	0089	1	F	Update to MCPTT Test Case 6.1.1.3	14.8.0
2020-09	RAN#89	R5-204537	0090	1	F	Update to MCPTT Test Case 6.1.1.4	14.8.0
2020-09	RAN#89	R5-204538	0091	1	F	Update to MCPTT Test Case 6.1.1.7	14.8.0
2020-09	RAN#89	R5-204539	0092	1	F	Correction to MCPTT Test Case 6.1.1.8	14.8.0
2020-09	RAN#89	R5-204540	0093	1	F	Integration of security features in MBMS procedures	14.8.0
2020-09	RAN#89	R5-204541	0094	1	F	Corrections to Chat Group Calls	14.8.0
2020-12	RAN#90	R5-206452	0095	1	F	Update of MCPTT TC 6.2.8	14.9.0
2020-12	RAN#90	R5-206453	0096	1	F	Update of MCPTT TC 6.2.11	14.9.0
2020-12	RAN#90	R5-206454	0097	1	F	Update of MCPTT TC 6.2.16	14.9.0
2020-12	RAN#90	R5-206455	0098	1	F	Update of MCPTT TC 6.2.17	14.9.0
2020-12	RAN#90	R5-206456	0099	1	F	Update of MCPTT TC 7.2.1	14.9.0
2020-12	RAN#90	R5-206457	0100	1	F	Correction to MCPTT Test Case 6.1.1.1	14.9.0
2020-12	RAN#90	R5-206458	0101	1	F	Correction to MCPTT Test Case 6.1.1.11	14.9.0
2020-12	RAN#90	R5-206459	0102	1	F	Correction to MCPTT Test Case 6.1.1.13	14.9.0
2020-12	RAN#90	R5-206460	0103	1	F	Correction to MCPTT Test Case 6.1.1.2	14.9.0
2020-12	RAN#90	R5-206461	0104	1	F	Correction to MCPTT Test Case 6.1.1.4	14.9.0
2020-12	RAN#90	R5-206462	0105	1	F	Correction to MCPTT Test Case 6.1.1.7	14.9.0
2020-12	RAN#90	R5-206463	0106	1	F	5.3 Test case corrections	14.9.0
2020-12	RAN#90	R5-206464	0107	1	F	Update of MCPTT TC 6.1.1.3	14.9.0
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2021-01	RAN#90	R5-204541	0094	1	F	re-implementation of lost changes of R5-204541	14.9.1
2021-03	RAN#91	R5-210222	0108	-	F	Correction to MCPTT Test Case 5.1	14.10.0
2021-03	RAN#91	R5-210227	0113	-	F	Correction to MCPTT Test Case 6.1.1.11	14.10.0
2021-03	RAN#91	R5-210228	0114	-	F	Correction to MCPTT Test Case 6.1.1.12	14.10.0
2021-03	RAN#91	R5-210229	0115	-	F	Correction to MCPTT Test Case 6.1.1.13	14.10.0
2021-03	RAN#91	R5-210230	0116	-	F	Correction to MCPTT Test Case 6.1.1.14	14.10.0

2021-03	RAN#91	R5-210232	0118	-	F	Correction to MCPTT Test Case 6.1.1.3	14.10.0
2021-03	RAN#91	R5-210235	0121	-	F	Correction to MCPTT Test Case 6.1.1.9	14.10.0
2021-03	RAN#91	R5-211521	0109	1	F	Correction to MCPTT Test Case 5.3	14.10.0
2021-03	RAN#91	R5-211522	0110	1	F	Correction to MCPTT Test Case 5.4	14.10.0
2021-03	RAN#91	R5-211523	0111	1	F	Correction to MCPTT Test Case 6.1.1.1	14.10.0
2021-03	RAN#91	R5-211524	0112	1	F	Correction to MCPTT Test Case 6.1.1.10	14.10.0
2021-03	RAN#91	R5-211525	0117	1	F	Correction to MCPTT Test Case 6.1.1.2	14.10.0
2021-03	RAN#91	R5-211526	0119	1	F	Correction to MCPTT Test Case 6.1.1.5	14.10.0
2021-03	RAN#91	R5-211527	0120	1	F	Correction to MCPTT Test Case 6.1.1.8	14.10.0
2021-03	RAN#91	R5-211528	0122	1	F	Correction to MCPTT Test Case 6.1.2.10	14.10.0
2021-03	RAN#91	R5-211529	0123	1	F	Correction to MCPTT Test Case 6.1.2.11	14.10.0
2021-03	RAN#91	R5-211530	0124	1	F	Correction to MCPTT Test Case 6.1.2.12	14.10.0
2021-03	RAN#91	R5-211531	0125	1	F	Correction to MCPTT Test Case 6.1.2.7	14.10.0
2021-03	RAN#91	R5-211532	0126	1	F	Correction to MCPTT Test Case 6.1.2.8	14.10.0
2021-03	RAN#91	R5-211533	0127	1	F	Correction to MCPTT Test Case 6.1.2.9	14.10.0
2021-03	RAN#91	R5-211534	0128	1	F	Correction to MCPTT Test Case 6.2.1	14.10.0
2021-03	RAN#91	R5-211535	0129	1	F	Correction to MCPTT Test Case 6.2.14	14.10.0
2021-03	RAN#91	R5-211536	0130	1	F	Correction to MCPTT Test Case 6.2.15	14.10.0
2021-03	RAN#91	R5-211537	0131	1	F	Correction to MCPTT Test Case 6.2.16	14.10.0
2021-03	RAN#91	R5-211538	0132	1	F	Correction to MCPTT Test Case 6.2.17	14.10.0
2021-03	RAN#91	R5-211539	0133	1	F	Correction to MCPTT Test Case 6.2.2	14.10.0
2021-03	RAN#91	R5-211540	0134	1	F	Correction to MCPTT Test Case 6.2.3	14.10.0
2021-03	RAN#91	R5-211541	0135	1	F	Correction to MCPTT Test Case 6.2.4	14.10.0
2021-03	RAN#91	R5-211542	0136	1	F	Correction to MCPTT Test Case 6.2.5	14.10.0
2021-03	RAN#91	R5-211543	0137	1	F	Correction to MCPTT Test Case 6.2.6	14.10.0
2021-03	RAN#91	R5-211544	0138	1	F	Correction to MCPTT Test Case 6.2.7	14.10.0
2021-06	RAN#92	R5-212310	0151	-	F	Correction to MCPTT Test Case 6.1.1.10	14.11.0
2021-06	RAN#92	R5-212311	0152	-	F	Correction to MCPTT Test Case 6.1.1.14	14.11.0
2021-06	RAN#92	R5-212312	0153	-	F	Correction to MCPTT Test Case 6.1.1.15	14.11.0
2021-06	RAN#92	R5-212313	0154	-	F	Correction to MCPTT Test Case 6.1.1.16	14.11.0
2021-06	RAN#92	R5-212314	0155	-	F	Correction to MCPTT Test Case 6.1.1.17	14.11.0
2021-06	RAN#92	R5-212315	0156	-	F	Correction to MCPTT Test Case 6.1.1.18	14.11.0
2021-06	RAN#92	R5-212318	0159	-	F	Correction to MCPTT Test Case 6.1.1.6	14.11.0
2021-06	RAN#92	R5-212319	0160	-	F	Correction to MCPTT Test Case 6.1.1.7	14.11.0
2021-06	RAN#92	R5-212320	0161	-	F	Correction to MCPTT Test Case 6.1.1.8	14.11.0
2021-06	RAN#92	R5-212321	0162	-	F	Correction to MCPTT Test Case 6.1.1.9	14.11.0
2021-06	RAN#92	R5-212323	0164	-	F	Correction to MCPTT Test Case 6.1.2.12	14.11.0
2021-06	RAN#92	R5-212324	0165	-	F	Correction to MCPTT Test Case 6.1.2.2	14.11.0
2021-06	RAN#92	R5-212325	0166	-	F	Correction to MCPTT Test Case 6.1.2.7	14.11.0
2021-06	RAN#92	R5-212326	0167	-	F	Correction to MCPTT Test Case 6.2.1	14.11.0
2021-06	RAN#92	R5-212328	0169	-	F	Correction to MCPTT Test Case 6.2.11	14.11.0
2021-06	RAN#92	R5-212329	0170	-	F	Correction to MCPTT Test Case 6.2.12	14.11.0
2021-06	RAN#92	R5-212330	0171	-	F	Correction to MCPTT Test Case 6.2.13	14.11.0
2021-06	RAN#92	R5-212331	0172	-	F	Correction to MCPTT Test Case 6.2.14	14.11.0
2021-06	RAN#92	R5-212333	0174	-	F	Correction to MCPTT Test Case 6.2.8	14.11.0
2021-06	RAN#92	R5-213658	0147	1	F	Correction to MCPTT Test Case 5.2	14.11.0
2021-06	RAN#92	R5-213659	0148	1	F	Correction to MCPTT Test Case 5.4	14.11.0
2021-06	RAN#92	R5-213660	0150	1	F	Correction to MCPTT Test Case 6.1.1.1	14.11.0
2021-06	RAN#92	R5-213661	0157	1	F	Correction to MCPTT Test Case 6.1.1.2	14.11.0
2021-06	RAN#92	R5-213662	0158	1	F	Correction to MCPTT Test Case 6.1.1.5	14.11.0
2021-06	RAN#92	R5-213663	0163	1	F	Correction to MCPTT Test Case 6.1.2.11	14.11.0
2021-06	RAN#92	R5-213664	0168	1	F	Correction to MCPTT Test Case 6.2.10	14.11.0
2021-06	RAN#92	R5-213665	0173	1	F	Correction to MCPTT Test Case 6.2.2	14.11.0
2021-06	RAN#92	R5-213666	0175	1	F	Correction to MCPTT Test Case 6.2.9	14.11.0
2021-06	RAN#92	R5-213667	0176	1	F	Correction to MCPTT Test Cases 6.2.3 - 6.2.7	14.11.0
2021-06	RAN#92	R5-213668	0182	1	F	Addition of MCPTT Test Case 6.1.1.21	14.11.0
2022-12	RAN#98	R5-225987	0312	-	F	Removal of technical content in 36.579-2 v14.11.0 and substitution with pointer to the next Release	14.12.0

History

Document history		
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V14.1.0	December 2018	Publication
V14.2.0	May 2019	Publication
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