

# ETSI TS 136 579-2 V15.8.0 (2023-07)



**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 15.8.0 Release 15)**



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Reference

RTS/TSGR-0536579-2vf80

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Keywords

LTE

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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:
  - 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 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)".

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# 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].

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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 [35] (void)

[36] 3GPP TS 36.579-2 Release 16: "Mission Critical (MC) services over LTE; Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification"

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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 36.579-2 Release 16 [36].

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## 5 to 7 Void

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## Annex A (informative): Change history

|                |
|----------------|
| Change history |
|----------------|



| Date    | Meeting | TDoc      | CR | Rev | 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<br>R5-172080 New MCPTT TC 6.2.1 CO Private Call automatic floor control emergency upgrade<br>R5-172081 New MCPTT TC 6.2.2 CT Private Call automatic floor control emergency upgrade<br>R5-172082 New MCPTT TC 6.2.3 CO Private Call automatic no floor control<br>R5-172083 New MCPTT TC 6.2.4 CT Private Call automatic no floor control<br>R5-172084 New MCPTT TC 6.2.5 CO Private Emergency Call Automatic<br>R5-172085 New MCPTT TC 6.2.6 CT Private Emergency Call Force of automatic commencement<br>R5-172086 New MCPTT TC 6.2.7 CO Private Call Manual<br>R5-172087 New MCPTT TC 6.2.8 CT Private Call Manual<br>R5-172970 New MCPTT TC 5.3 Group Affiliation and De-affiliation<br>R5-172971 New MCPTT TC 5.4 Pre-established Session Establishment Modification and Release<br>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<br>R5-172973 New MCPTT TC 6.1.1.4 CT On-demand Pre-arranged Group Call with Manual Commencement Mode<br>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)<br>R5-172975 MCPTT Testing: Introduction of test case 5.1 in 36.579-2<br>R5-172976 MCPTT Testing: Introduction of test case 5.2 in 36.579-2<br>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 |
|---------|---------|-----------|--|--|-------|

|         |        |           |      |   |   |   |        |
|---------|--------|-----------|------|---|---|---|--------|
| 2017-11 | RAN#77 | R5-176836 | -    | - | - | Updated with pCR<br>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<br>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<br>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 |

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|---------|--------|-----------|------|---|---|---|---------|
| 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  |
| 2021-01 | RAN#90 | -         | -    | - | - | re-implementation of lost void-ed specific message contents of R5-204536, R5-204537, R5-204538, and R5-204539 | 14.9.1  |
| 2021-01 | RAN#90 | R5-204540 | 0093 | 1 | F | re-implementation of lost changes of R5-204540  | 14.9.1  |
| 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 |

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|---------|--------|-----------|------|---|---|--|---------|
| 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 |
| 2021-06 | RAN#92 | R5-213255 | 0177 | - | F | Addition of MCPTT Test Case 6.1.1.19   | 15.0.0  |
| 2021-06 | RAN#92 | R5-213590 | 0140 | 1 | F | Addition of new MCPTT test case 6.2.20 On-network / First-to-answer call / On-demand session / Client Originated (CO)                  | 15.0.0  |
| 2021-06 | RAN#92 | R5-213591 | 0141 | 1 | F | Addition of new MCPTT test case 6.2.21 On-network / First-to-answer call / On-demand session / Client Terminated (CT)                  | 15.0.0  |
| 2021-06 | RAN#92 | R5-213592 | 0142 | 1 | F | Addition of new MCPTT test case 6.2.22 On-network / First-to-answer call / Pre-established session / Client Originated (CO)            | 15.0.0  |
| 2021-06 | RAN#92 | R5-213593 | 0143 | 1 | F | Addition of new MCPTT test case 6.2.23 On-network / First-to-answer call / Pre-established session / Client Terminated (CT)            | 15.0.0  |
| 2021-06 | RAN#92 | R5-213594 | 0144 | 1 | F | Addition of new MCPTT test case 6.2.24 On-network / Remotely initiated private call / Client Originated (CO)                           | 15.0.0  |
| 2021-06 | RAN#92 | R5-213595 | 0145 | 1 | F | Addition of new MCPTT test case 6.2.25 On-network / Remotely initiated private call / On-demand session / Client Terminated (CT)       | 15.0.0  |
| 2021-06 | RAN#92 | R5-213596 | 0146 | 1 | F | Addition of new MCPTT test case 6.2.26 On-network / Remotely initiated private call / Pre-established session / Client Terminated (CT) | 15.0.0  |

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|---------|--------|-----------|------|---|---|---|--------|
| 2021-06 | RAN#92 | R5-213597 | 0178 | 1 | F | Addition of MCPTT Test Case 5.8   | 15.0.0 |
| 2021-06 | RAN#92 | R5-213598 | 0179 | 1 | F | Addition of MCPTT Test Case 6.1.1.20  | 15.0.0 |
| 2021-06 | RAN#92 | R5-213599 | 0180 | 1 | F | Addition of MCPTT Test Case 6.1.2.13  | 15.0.0 |
| 2021-06 | RAN#92 | R5-213600 | 0181 | 1 | F | Addition of MCPTT Test Case 6.1.2.14  | 15.0.0 |
| 2021-09 | RAN#93 | R5-214653 | 0183 | - | F | Correction of MCPTT test case 5.2   | 15.1.0 |
| 2021-09 | RAN#93 | R5-214654 | 0184 | - | F | Correction of MCPTT test case 5.3   | 15.1.0 |
| 2021-09 | RAN#93 | R5-214655 | 0185 | - | F | Correction of MCPTT test case 5.4   | 15.1.0 |
| 2021-09 | RAN#93 | R5-214661 | 0191 | - | F | Correction of MCPTT test case 6.1.1.19  | 15.1.0 |
| 2021-09 | RAN#93 | R5-214662 | 0192 | - | F | Correction of MCPTT test case 6.1.1.20  | 15.1.0 |
| 2021-09 | RAN#93 | R5-214664 | 0194 | - | F | Correction of MCPTT test case 6.1.1.3   | 15.1.0 |
| 2021-09 | RAN#93 | R5-214665 | 0195 | - | F | Correction of MCPTT test case 6.1.2.13  | 15.1.0 |
| 2021-09 | RAN#93 | R5-214666 | 0196 | - | F | Correction of MCPTT test case 6.1.2.14  | 15.1.0 |
| 2021-09 | RAN#93 | R5-214667 | 0197 | - | F | Correction of MCPTT test case 6.2.12  | 15.1.0 |
| 2021-09 | RAN#93 | R5-214668 | 0198 | - | F | Correction of MCPTT test case 6.2.14  | 15.1.0 |
| 2021-09 | RAN#93 | R5-215601 | 0208 | - | F | Addition of MCPTT Test Case 5.7 Configuration / Subscription to group dynamic data / De-subscribe | 15.1.0 |
| 2021-09 | RAN#93 | R5-215748 | 0186 | 1 | F | Correction of MCPTT test case 5.5   | 15.1.0 |
| 2021-09 | RAN#93 | R5-215749 | 0187 | 1 | F | Correction of MCPTT test case 5.8   | 15.1.0 |
| 2021-09 | RAN#93 | R5-215750 | 0189 | 1 | F | Correction of MCPTT test case 6.1.1.15  | 15.1.0 |
| 2021-09 | RAN#93 | R5-215751 | 0190 | 1 | F | Correction of MCPTT test case 6.1.1.16  | 15.1.0 |
| 2021-09 | RAN#93 | R5-215752 | 0193 | 1 | F | Correction of MCPTT test case 6.1.1.21  | 15.1.0 |
| 2021-09 | RAN#93 | R5-215753 | 0199 | 1 | F | Correction of MCPTT test case 6.2.15  | 15.1.0 |
| 2021-09 | RAN#93 | R5-215754 | 0200 | 1 | F | Correction of MCPTT test case 6.2.16  | 15.1.0 |
| 2021-09 | RAN#93 | R5-215755 | 0201 | 1 | F | Correction of MCPTT test case 6.2.17  | 15.1.0 |
| 2021-09 | RAN#93 | R5-215756 | 0202 | 1 | F | Correction of MCPTT test case 6.2.20  | 15.1.0 |
| 2021-09 | RAN#93 | R5-215757 | 0203 | 1 | F | Correction of MCPTT test case 6.2.21  | 15.1.0 |
| 2021-09 | RAN#93 | R5-215758 | 0204 | 1 | F | Correction of MCPTT test case 6.2.22  | 15.1.0 |
| 2021-09 | RAN#93 | R5-216283 | 0207 | 1 | F | Addition of MCPTT Test Case 5.6 Configuration / Download CSK                                      | 15.1.0 |
| 2021-09 | RAN#93 | R5-216342 | 0206 | 1 | F | Correction of MCPTT test case 6.3.2   | 15.1.0 |
| 2021-12 | RAN#94 | R5-216644 | 0211 | - | F | Correction of MCPTT Test Case 5.6   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216646 | 0213 | - | F | Correction of MCPTT Test Case 6.1.1.19  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216647 | 0214 | - | F | Correction of MCPTT Test Case 6.1.1.20  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216648 | 0215 | - | F | Correction of MCPTT Test Case 6.1.2.13  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216649 | 0216 | - | F | Correction of MCPTT Test Case 6.1.2.14  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216650 | 0217 | - | F | Correction of MCPTT Test Case 6.2.20  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216651 | 0218 | - | F | Correction of MCPTT Test Case 6.2.21  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216652 | 0219 | - | F | Correction of MCPTT Test Case 6.2.22  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216705 | 0224 | - | F | Correction of MCPTT test case 5.1   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216706 | 0225 | - | F | Correction of MCPTT Test Case 5.2   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216708 | 0227 | - | F | Correction of MCPTT Test Case 5.4   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216710 | 0229 | - | F | Correction of MCPTT Test Case 6.1.1.10  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216711 | 0230 | - | F | Correction of MCPTT Test Case 6.1.1.11  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216712 | 0231 | - | F | Correction of MCPTT Test Case 6.1.1.12  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216713 | 0232 | - | F | Correction of MCPTT Test Case 6.1.1.13  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216714 | 0233 | - | F | Correction of MCPTT Test Case 6.1.1.14  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216716 | 0235 | - | F | Correction of MCPTT Test Case 6.1.1.16  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216717 | 0236 | - | F | Correction of MCPTT Test Case 6.1.1.18  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216719 | 0238 | - | F | Correction of MCPTT Test Case 6.1.1.21  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216720 | 0239 | - | F | Correction of MCPTT Test Case 6.1.1.3   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216721 | 0240 | - | F | Correction of MCPTT Test Case 6.1.1.4   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216722 | 0241 | - | F | Correction of MCPTT Test Case 6.1.1.5   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216723 | 0242 | - | F | Correction of MCPTT Test Case 6.1.1.6   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216724 | 0243 | - | F | Correction of MCPTT Test Case 6.1.1.7   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216725 | 0244 | - | F | Correction of MCPTT Test Case 6.1.1.8   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216726 | 0245 | - | F | Correction of MCPTT Test Case 6.1.1.9   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216727 | 0246 | - | F | Correction of MCPTT Test Case 6.1.2.10  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216728 | 0247 | - | F | Correction of MCPTT Test Case 6.1.2.11  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216729 | 0248 | - | F | Correction of MCPTT Test Case 6.1.2.12  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216730 | 0249 | - | F | Correction of MCPTT Test Case 6.1.2.2   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216731 | 0250 | - | F | Correction of MCPTT Test Case 6.1.2.7   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216732 | 0251 | - | F | Correction of MCPTT Test Case 6.1.2.8   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216733 | 0252 | - | F | Correction of MCPTT Test Case 6.1.2.9   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216734 | 0253 | - | F | Correction of MCPTT Test Case 6.2.1   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216735 | 0254 | - | F | Correction of MCPTT Test Case 6.2.10  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216736 | 0255 | - | F | Correction of MCPTT Test Case 6.2.11  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216739 | 0258 | - | F | Correction of MCPTT Test Case 6.2.14  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216740 | 0259 | - | F | Correction of MCPTT Test Case 6.2.15  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216741 | 0260 | - | F | Correction of MCPTT Test Case 6.2.16  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216742 | 0261 | - | F | Correction of MCPTT Test Case 6.2.17  | 15.2.0 |
| 2021-12 | RAN#94 | R5-216743 | 0262 | - | F | Correction of MCPTT Test Case 6.2.2   | 15.2.0 |
| 2021-12 | RAN#94 | R5-216744 | 0263 | - | F | Correction of MCPTT Test Case 6.2.3   | 15.2.0 |

|         |         |           |      |   |   |   |        |
|---------|---------|-----------|------|---|---|---|--------|
| 2021-12 | RAN#94  | R5-216745 | 0264 | - | F | Correction of MCPTT Test Case 6.2.4   | 15.2.0 |
| 2021-12 | RAN#94  | R5-216746 | 0265 | - | F | Correction of MCPTT Test Case 6.2.5   | 15.2.0 |
| 2021-12 | RAN#94  | R5-216747 | 0266 | - | F | Correction of MCPTT Test Case 6.2.6   | 15.2.0 |
| 2021-12 | RAN#94  | R5-216748 | 0267 | - | F | Correction of MCPTT Test Case 6.2.7   | 15.2.0 |
| 2021-12 | RAN#94  | R5-216749 | 0268 | - | F | Correction of MCPTT Test Case 6.2.8   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217633 | 0271 | - | F | New Test Case - 6.4.2 MBMS Multi Talker   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217634 | 0272 | - | F | Update of Clause 2 References   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217778 | 0209 | 1 | F | TC 6.1.1.5 MCPTT Corrections  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217779 | 0210 | 1 | F | TC 6.1.1.10 Corrections   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217906 | 0220 | 1 | F | Correction of MCPTT Test Case 6.2.23  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217907 | 0273 | 1 | F | New Test Case - 6.1.3.1 Conference Event Package  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217908 | 0274 | 1 | F | New Test Case - 6.1.4.1 Remote Change of a Group - CO   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217909 | 0275 | 1 | F | New Test Case - 6.1.4.2 Remote Change of a Group - CT   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217910 | 0276 | 1 | F | New Test Case - 6.1.5.1 Remote Initiated Group Call - CO  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217911 | 0277 | 1 | F | New Test Case - 6.1.5.2 Remote Initiated Group Call - CT  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217912 | 0278 | 1 | F | New Test Case - 6.2.18 Private Call   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217913 | 0279 | 1 | F | New Test Case - 6.2.19 Private Call   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217969 | 0228 | 1 | F | Correction of MCPTT Test Case 6.1.1.1   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217970 | 0237 | 1 | F | Correction of MCPTT Test Case 6.1.1.2   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217971 | 0256 | 1 | F | Correction of MCPTT Test Case 6.2.12  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217976 | 0212 | 1 | F | Correction of MCPTT Test Case 5.7   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217977 | 0221 | 1 | F | Correction of MCPTT Test Case 6.2.24  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217978 | 0222 | 1 | F | Correction of MCPTT Test Case 6.2.25  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217979 | 0223 | 1 | F | Correction of MCPTT Test Case 6.2.26  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217980 | 0226 | 1 | F | Correction of MCPTT Test Case 5.3   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217981 | 0234 | 1 | F | Correction of MCPTT Test Case 6.1.1.15  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217982 | 0257 | 1 | F | Correction of MCPTT Test Case 6.2.13  | 15.2.0 |
| 2021-12 | RAN#94  | R5-217983 | 0269 | 1 | F | Correction of MCPTT Test Case 6.2.9   | 15.2.0 |
| 2021-12 | RAN#94  | R5-217984 | 0270 | 1 | F | Correction of MCPTT Test Case 6.3.2   | 15.2.0 |
| 2022-03 | RAN#95  | R5-220482 | 0280 | - | F | Correction of MCPTT Test Case 5.2   | 15.3.0 |
| 2022-03 | RAN#95  | R5-220484 | 0282 | - | F | Correction of MCPTT Test Case 5.5   | 15.3.0 |
| 2022-03 | RAN#95  | R5-220486 | 0284 | - | F | MCPTT condition clarification   | 15.3.0 |
| 2022-03 | RAN#95  | R5-222030 | 0283 | 1 | F | Correction of Test Cases in clause 6  | 15.3.0 |
| 2022-06 | RAN#96  | R5-222363 | 0293 | - | F | Correction of test case 6.1.3.1   | 15.4.0 |
| 2022-06 | RAN#96  | R5-222364 | 0294 | - | F | Correction of test case 6.1.4.1   | 15.4.0 |
| 2022-06 | RAN#96  | R5-222365 | 0295 | - | F | Correction of test case 6.1.4.2   | 15.4.0 |
| 2022-06 | RAN#96  | R5-222366 | 0296 | - | F | Correction of test case 6.1.5.1   | 15.4.0 |
| 2022-06 | RAN#96  | R5-222367 | 0297 | - | F | Correction of test case 6.1.5.2   | 15.4.0 |
| 2022-06 | RAN#96  | R5-222368 | 0298 | - | F | Correction of test case 6.2.18  | 15.4.0 |
| 2022-06 | RAN#96  | R5-222369 | 0299 | - | F | Correction of test case 6.2.19  | 15.4.0 |
| 2022-06 | RAN#96  | R5-222401 | 0300 | - | F | Common corrections of MCPTT private call test cases   | 15.4.0 |
| 2022-06 | RAN#96  | R5-222402 | 0301 | - | F | Correction of MCPTT Test Case 5.3   | 15.4.0 |
| 2022-09 | RAN#97  | R5-223950 | 0302 | - | F | Correction of test case 5.4   | 15.5.0 |
| 2022-09 | RAN#97  | R5-223951 | 0303 | - | F | Correction of test case 5.7   | 15.5.0 |
| 2022-09 | RAN#97  | R5-223952 | 0304 | - | F | Correction of test case 6.3.2   | 15.5.0 |
| 2022-09 | RAN#97  | R5-223953 | 0305 | - | F | Correction of test case 6.4.1   | 15.5.0 |
| 2022-09 | RAN#97  | R5-223954 | 0306 | - | F | Correction of test cases in clause 6.1.1 - Pre-Arranged Group Call                                    | 15.5.0 |
| 2022-09 | RAN#97  | R5-223955 | 0307 | - | F | Correction of test cases in clause 6.1.2 - Chat Group Calls   | 15.5.0 |
| 2022-09 | RAN#97  | R5-223956 | 0308 | - | F | Correction of test cases in clause 6.1.3 - Conference Event Package                                   | 15.5.0 |
| 2022-09 | RAN#97  | R5-223957 | 0309 | - | F | Correction of test cases in clause 6.1.4 - Remote Change of Selected Group                            | 15.5.0 |
| 2022-09 | RAN#97  | R5-223958 | 0310 | - | F | Correction of test cases in clause 6.1.5 - Remotely initiated group call                              | 15.5.0 |
| 2022-09 | RAN#97  | R5-223959 | 0311 | - | F | Correction of test cases in clause 6.2 - Private Calls  | 15.5.0 |
| 2022-12 | RAN#98  | R5-227615 | 0313 | 1 | F | Correction of clause 6.2 - Private Calls  | 15.6.0 |
| 2022-12 | RAN#98  | R5-227616 | 0314 | 1 | F | Correction of test case 6.1.5.2   | 15.6.0 |
| 2022-12 | RAN#98  | R5-227617 | 0315 | 1 | F | Correction of test cases in clause 5 - MCPTT Client Configuration                                     | 15.6.0 |
| 2023-03 | RAN#99  | R5-231941 | 0316 | 1 | F | Correction of clause 5 - MCPTT Client Configuration   | 15.7.0 |
| 2023-03 | RAN#99  | R5-231942 | 0317 | 1 | F | Correction of clause 6.1.1 - Pre-arranged Group Call  | 15.7.0 |
| 2023-03 | RAN#99  | R5-231943 | 0318 | 1 | F | Correction of clause 6.1.2 - Chat Group Calls   | 15.7.0 |
| 2023-03 | RAN#99  | R5-231944 | 0319 | 1 | F | Correction of clause 6.1.3 - Conference Event Package   | 15.7.0 |
| 2023-03 | RAN#99  | R5-231945 | 0320 | 1 | F | Correction of clause 6.1.4 - Remote Change of Selected Group  | 15.7.0 |
| 2023-03 | RAN#99  | R5-231946 | 0321 | 1 | F | Correction of clause 6.1.5 - Remotely initiated group call  | 15.7.0 |
| 2023-03 | RAN#99  | R5-231947 | 0322 | 1 | F | Correction of clause 6.2 - Private Calls  | 15.7.0 |
| 2023-03 | RAN#99  | R5-231948 | 0323 | 1 | F | Correction of clause 6.3 - Location   | 15.7.0 |
| 2023-03 | RAN#99  | R5-231949 | 0324 | 1 | F | Correction of clause 6.4 - MBMS   | 15.7.0 |
| 2023-03 | RAN#99  | R5-232000 | 0325 | 1 | F | Correction of clause 7 - MCPTT Client off-network operation   | 15.7.0 |
| 2023-06 | RAN#100 | R5-232138 | 0327 | - | F | Removal of technical content in TS 36.579-2 v15.7.0 and substitution with pointer to the next Release | 15.8.0 |

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# History

| <b>Document history</b> |                |             |
|-------------------------|----------------|-------------|
| V15.0.0                 | September 2021 | Publication |
| V15.1.0                 | October 2021   | Publication |
| V15.2.0                 | March 2022     | Publication |
| V15.3.0                 | May 2022       | Publication |
| V15.4.0                 | August 2022    | Publication |
| V15.5.0                 | October 2022   | Publication |
| V15.6.0                 | January 2023   | Publication |
| V15.7.0                 | April 2023     | Publication |
| V15.8.0                 | July 2023      | Publication |