

TS.11- Annex J

Detailed Document Change Record

Version 41

27th January 2023

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# Annex J: Detailed Document Change Record

| Version | Approved Date | Record of changes made to previous version | |
| --- | --- | --- | --- |
| Section | Comment |
| 3.0.0 | 13.03.2001 | all | Initial official release of this document, approved by GSMA Plenary #45 (Seattle), March 2001 |
| 3.1.0 | 12.07.2001 | Table of Contents | Table of Contents moved to the beginning of the document |
|  |  | I – III | Addition of Roman section numbering in main document |
|  |  | Annex A: |  |
|  |  | 1 - 12 | Massive revision of test cases:  Various editorial and functional corrections to all sections  Addition of USSD tests in section 6.6  Addition of FDN interworking with SMS, GPRS and WAP (sect. 9.5.5 - 9.5.7)  Addition of SIM field handling tests in section 9.6 - 9.12 |
|  |  | 13 - 16 | Addition of test sections for SMS, SIM Application Toolkit, WAP and GPRS |
|  |  | Annex B | Partial update of Field Trial Proforma Table in accordance to changes in Annex A (only for USSD) |
|  |  | Annex C | Move Glossary to newly created Annex C |
|  |  | Annex D | Creation of Annex D containing a Change Request template |
|  |  | Annex E | Creation of Annex E containing Document Change Record |
| … |  |  | For detailed changes to TS.11, please refer to TS.11 version 10.0, Annex J, TS.11 version 11.0, Annex J and TS.11 version 11.4, Annex J. |
| 11.5 | 19.09.2013 | Annex D: |  |
|  |  | 40.5.1 | Update of Test Case ‘Emergency calls, with SIM/USIM, no emergency number stored’ to extend the sunset clause on a note when Authentication takes place with SIM Locked UE (FT43\_022). Non-strategic Change. |
|  |  | 41 | Complete rework of section ‘Short Message Service (SMS)’ to increase efficiency of test cases (FT43\_021r2). Non-strategic Change. |
|  |  | 51.1.1.1 | Addition of Test Description for Test Case ‘SIP Registration and Authentication Procedure – via “well known IMS” APN (IR.88)’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.1 | Deletion of general Test Case ‘Basic Emergency Call Setup’ and replacement with ‘Domain selection for Emergency calls / UE settings IMS PS Voice preferred / EMS supported by the network’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.2 | Addition of Test Case ‘Domain selection for Emergency calls / UE settings IMS PS Voice preferred / EMS not supported by the network’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.3 | Addition of Test Case ‘Domain selection for Emergency calls / UE settings IMS PS Voice only / EMS supported by the network’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.4 | Addition of Test Case ‘Domain selection for Emergency calls / UE settings IMS PS Voice only / EMS not supported by the network’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.5 | Addition of Test Description for Test Case ‘Emergency Call - SRVCC to UTRAN’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.6 | Addition of Test Description for Test Case ‘Emergency Call - SRVCC to GSM’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.5.1 | Addition of Test Description for Test Case ‘Domain selection with UE setting IMS PS voice preferred - IMS voice support indication = TRUE’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.5.2 | Addition of Test Case ‘Domain selection with UE setting IMS PS voice preferred - IMS voice support indication = FALSE’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.6 | Addition of new main section ‘VoLTE according GSMA IR.64 - SR-VCC’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.6.1 | Addition of Test Scenarios for ‘Mobile Originated Voice over IMS (VoLTE) call – SRVCC to E-UTRA’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.6.2 | Addition of Test Scenarios for ‘Mobile Terminated Voice over IMS (VoLTE) call - SR-VCC to GSM/EDGE (w/o DTM)’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7 | Addition of new main section ‘VoLTE according GSMA IR.94 - Video Calls’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.1 | Addition of Test Case ‘MO video call’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.2 | Addition of Test Case ‘MT video call’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.3 | Addition of Test Case Place Holder for ‘Voice call - add/remove video’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.4 | Addition of Test Case Place Holder for ‘Video call - SRVCC to UTRAN voice only’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.5 | Addition of Test Case Place Holder for ‘Video call - SRVCC to GSM voice only’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.6 | Addition of Test Case ‘MO video call to voice-only party (Voice only call shall be established)’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.3.1 | Addition of Test Description for Test Case ‘MO-SMS over IMS’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.3.2 | Addition of Test Description for Test Case ‘MT-SMS over IMS’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.3.3 | Addition of Test Description for Test Case ‘Multiple MO-SMS over IMS’ (FT43\_013r2). Non-strategic Change. |
|  |  | 57.1.5.2 | Correction of Test Case ‘Write SMSP (e.g. check correct storing of SMSP parameters)’ (FT43\_015). Non-strategic Change. |
|  |  | Annex G: |  |
|  |  | 41 | Complete rework of section ‘Short Message Service (SMS)’ (FT43\_021r2). Non-strategic Change. |
|  |  | 51.1.1.1 | Correction of Test Case Title ‘SIP Registration and Authentication Procedure – via “well known IMS” APN (IR.88)’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.1 | Deletion of Test Case ‘Basic Emergency Call Setup’ and replacement with ‘Domain selection for Emergency calls / UE settings IMS PS Voice preferred / EMS supported by the network’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.2 | Addition of Test Case ‘Domain selection for Emergency calls / UE settings IMS PS Voice preferred / EMS not supported by the network’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.3 | Addition of Test Case ‘Domain selection for Emergency calls / UE settings IMS PS Voice only / EMS supported by the network’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.4 | Addition of Test Case ‘Domain selection for Emergency calls / UE settings IMS PS Voice only / EMS not supported by the network’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.5 | Addition of Test Case ‘Emergency Call - SRVCC to UTRAN’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.3.6 | Addition of Test Case ‘Emergency Call - SRVCC to GSM’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.5.1 | Addition of Test Case ‘Domain selection with UE setting IMS PS voice preferred - IMS voice support indication = TRUE’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.5.2 | Addition of Test Case ‘Domain selection with UE setting IMS PS voice preferred - IMS voice support indication = FALSE’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.6 | Addition of new main section ‘VoLTE according GSMA IR.64 - SR-VCC’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.6.1 | Addition of Test Scenarios for ‘Mobile Originated Voice over IMS (VoLTE) call – SRVCC to E-UTRA’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.6.2 | Addition of Test Scenarios for ‘Mobile Terminated Voice over IMS (VoLTE) call - SR-VCC to GSM/EDGE (w/o DTM)’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7 | Addition of new main section ‘VoLTE according GSMA IR.94 - Video Calls’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.1 | Addition of Test Case ‘MO video call’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.2 | Addition of Test Case ‘MT video call’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.3 | Addition of Test Case ‘Voice call - add/remove video’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.4 | Addition of Test Case ‘Video call - SRVCC to UTRAN voice only’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.5 | Addition of Test Case ‘Video call - SRVCC to GSM voice only’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.1.7.6 | Addition of Test Case ‘MO video call to voice-only party (Voice only call shall be established)’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.3.1 | Addition of Test Case ‘MO-SMS over IMS’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.3.2 | Addition of Test Case ‘MT-SMS over IMS’ (FT43\_013r2). Non-strategic Change. |
|  |  | 51.3.3 | Addition of Test Case ‘Multiple MO-SMS over IMS’ (FT43\_013r2). Non-strategic Change. |
| 11.6 | 29.11.2013 | II | Update of section ‘Contents’ to reflect restructure and name changes of main sections (various CRs). Non-strategic Change. |
|  |  | Annex A: |  |
|  |  | All sections (1-11) | Complete rework of Annex A ‘Detailed Test procedures for a 2G/2.5G Terminal Device’ to increase efficiency of test cases (FT44\_013r1). Non-strategic Change. |
|  |  | Annex B: |  |
|  |  | 20.6.4 | Rework of Test Case ‘PLMN Selection for R99 devices – Manual Mode’ to increase clarity and to improve test coverage (FT44\_023r3). Non-strategic Change. |
|  |  | 20.10 | Addition of new section ‘Multi Operator Core Network (MOCN)’ with 4 test cases (FT44\_025r1). Non-strategic Change. |
|  |  | 23.10 | Deletion of entire section ‘Channel Type Switching’ with 4 test cases due to redundancy (FT44\_024). Non-strategic Change. |
|  |  | Annex C: |  |
|  |  | 30.1 (entire section) | Editorial modification of entire section ‘Attach and Detach’ to change term “UE” to “DUT” (FT44\_014). Non-strategic Change. |
|  |  | 30.1.1.1 | Modification of test case ’Attach’ to enhance test scenario (FT44\_014). Non-strategic Change. |
|  |  | 30.1.1.8 | Modification of test case ’Detach’ to improve test scenario (FT44\_014). Non-strategic Change. |
|  |  | 30.1.2.1 | Modification of test case ’Combined Attach’ to enhance test scenario (FT44\_014). Non-strategic Change. |
|  |  | 30.1.2.3 | Modification of test case ’Combined Detach’ to improve test scenario (FT44\_014). Non-strategic Change. |
|  |  | 30.2.1.3 | Addition of new Test Case ‘Tracking Area Update Reject, cause #15 “No suitable cells in TA”’ (FT44\_017). Non-strategic Change. |
|  |  | 30.2.1.4 | Addition of new Test Case ‘“Forbidden Tracking Areas for Roaming” accommodates 40 or more TAIs’ (FT44\_018). Non-strategic Change. |
|  |  | Annex D: |  |
|  |  | 40 | Complete rework (and rename) of section ‘CS Voice Call’ (former: Basic Voice Calls) to increase efficiency of test cases (FT44\_015r1). Non-strategic Change. |
|  |  | 42.1 (entire section) | Update of all Test Cases of section ‘Call Forwarding telephony, fax and data’ to improve wording in Expected Result (FT44\_022). Non-strategic Change. |
|  |  | 45 (entire section) | Rename of section ‘CS Video Call’ (former: Circuit Switched Multimedia Telephony (Video Telephony)) and update of all Test Case headlines for better clarity (FT44\_016). Non-strategic Change. |
|  |  | 45.1.8 | Modification of Test Case ‘MO Video Call - DUT Roaming Outside Its HPLMN’ for removal of Call Forwarding Notification check (FT44\_016). Non-strategic Change. |
|  |  | 45.1.9 | Move of Test Case ‘MO Video Call - DTMF Emission’ from section 45.4.5 (FT44\_016). Non-strategic Change. |
|  |  | 45.4.5 | Move of Test Case ‘MO Video Call - DTMF Emission’ to section 45.1.9 (FT44\_016). Non-strategic Change. |
|  |  | 55 | Change of Main Headline to ‘Rich Communication Services (RCS) 1.2’ and addition of note to restrict this section to RCS 1.2 only (FT44\_027r1). Non-strategic Change. |
|  |  | 57 | Addition of introduction to section ‘UICC with SIM and USIM’ to clarify the term “ME” (FT44\_020r1). Non-strategic Change. |
|  |  | 57.1 (entire section) | Modification of headlines and test cases of entire section ‘General UICC with SIM and USIM test cases’ to update core spec references, remove general advice of SIM/USIM combinations and improve terms for SIM and USIM (FT44\_020r1). Non-strategic Change. |
|  |  | 58 | Addition of new section ‘Rich Communication Services (RCS) 5.1’ (FT44\_027r1). Non-strategic Change. |
|  |  | Annex G: |  |
|  |  | 1-11 | Complete rework of Annex A ‘Detailed Test procedures for a 2G/2.5G Terminal Device’ (FT44\_013r1). Non-strategic Change. |
|  |  | 20.10 | Addition of new section ‘Multi Operator Core Network (MOCN)’ with 4 test cases (FT44\_025r1). Non-strategic Change. |
|  |  | 23.10 | Deletion of entire section ‘Channel Type Switching’ (FT44\_024). Non-strategic Change. |
|  |  | 30.2.1.3 | Addition of new Test Case ‘Tracking Area Update Reject, cause #15 “No suitable cells in TA”’ (FT44\_017). Non-strategic Change. |
|  |  | 30.2.1.4 | Addition of new Test Case ‘“Forbidden Tracking Areas for Roaming” accommodates 40 or more TAIs’ (FT44\_018). Non-strategic Change. |
|  |  | 40 | Complete rework (and rename) of section ‘CS Voice Call’ (former: Basic Voice Calls) (FT44\_015r1). Non-strategic Change. |
|  |  | 45 (entire section) | Rename of section ‘CS Video Call’ (former: Circuit Switched Multimedia Telephony (Video Telephony)) and update of all Test Case headlines (FT44\_016). Non-strategic Change. |
|  |  | 45.1.9 | Move of Test Case ‘MO Video Call - DTMF Emission’ from section 45.4.5 (FT44\_016). Non-strategic Change. |
|  |  | 45.4.5 | Move of Test Case ‘MO Video Call - DTMF Emission’ to section 45.1.9 (FT44\_016). Non-strategic Change. |
|  |  | 55 | Change of Main Headline to ‘Rich Communication Services (RCS) 1.2’ (FT44\_027r1). Non-strategic Change. |
|  |  | 57.1 (entire section) | Update of headlines of entire section ‘General UICC with SIM and USIM test cases’ (FT44\_020r1). Non-strategic Change. |
|  |  | 58 | Addition of new section ‘Rich Communication Services (RCS) 5.1’ (FT44\_027r1). Non-strategic Change. |
|  |  | Annex H: | Update of ‘Glossary’ to add definitions to be used in USIM/SIM test cases (FT44\_019r1). Non-strategic Change. |
| 11.7 | 02.04.2014 | 20.2.1.3 | Addition of new test case: GPRS Attach without E-UTRA capabilities (FT45-020) Non Strategic Change. |
|  |  | 20.5.1.1 | Addition of new test case: Routing Area Update without E-UTRA capabilities (FT45-022) Non-strategic Change. |
|  |  | 20.6.3.7 | Addition new test case: UE re-selects a higher prioritised network at power on when last registered network is lower prioritised (FT45-024r1) Non-strategic Change. |
|  |  | 20.6.3.8 | Addition of new test case: UE re-selects a higher prioritised network at power on when last registered network is non-prioritised (FT45-026r1) Non-strategic Change. |
|  |  | 30.1.2.5 | Addition of new test case on Combined Attach and Detach (FT45-012r1) Non Strategic Change. |
|  |  | 30.2.3.3 | Addition new test case: Combined Tracking Area Update: Combined Tracking Area Update; for EPS Services only, cause #16 "MSC temporarily not reachable" (FT 45-016) - Non-strategic Change. |
|  |  | 30.3.1.6 | New test case: UE re-selects a higher prioritised network at power on when last registered network is lower prioritised (FT45-23r1) Non-strategic Change. |
|  |  | 30.3.1.7 | New test case : UE re-selects a higher prioritised network at power on when last registered network is non-prioritised ( FT45-25r1) |
|  |  | 31.1.2.1.2 | Update on core specification for Idle Mode UTRA -> E-UTRA Reselection - PDP Context not active (FT 45-014) Non-strategic Change. |
|  |  | 32.1.4 | Minor change on table contained in test case: Multiple PDN Connections - PDN Connectivity Reject, cause #27 direction of the protocol exchange is changed (FT45-022r1). |
|  |  | 57.2 | Minor editor change: Correct the terminology from (U)ICC to UICC (FT45-010) Non-strategic Change. |
| 11.8 | 26.06.2014 | 20.2 | Adding test case for GPRS Attach Reject #17, UE does not restart GPRS Attach procedure until expiry of T3302. |
|  |  | 20.5.5 | Adding new test cases for a RAU Reject #17, UE does not restart RAU procedure until expiry of T3302. |
|  |  | 20.6.4 | Chapter 20.6.4: Need to add steps to the test description. |
|  |  | 25.1.6 | Browse Through HTML Page: use of an embedded browser application. |
|  |  | 30.1.1.6 | Attach Reject, cause #3 "Illegal UE" and cause #6 “Illegal ME. |
|  |  | 40.1.1.2 | MO Voice Call - To Occupied Client: slipped into 4 scenarios. |
|  |  | 40.2.2 | Adding note: The emergency test numbers saved in EFECC field have to be different than {112, 911}. |
|  |  | 40.2.3.1 | Correct numbering in expected behaviour section. |
|  |  | 55.1 | Renaming of test case titles. Cleanup of test case descriptions in this subsection. DUT and Reference used. |
|  |  | 55.2 | Renaming of test case titles. Cleanup of test case descriptions in this subsection. DUT and Reference used. |
|  |  | 55.3 | Renaming of test case titles. Cleanup of test case descriptions in this section.DUT and Reference used. Move 2 x tests to different section within RCS to make more logical sense. |
|  |  | 55.4 | Renaming of test case titles. Cleanup of test case descriptions in this section.DUT and Reference used. Split of a file transfer test into 4 scenarios (merging another test).Create 1 Missing test case (MT File Transfer – Manual Accept). |
|  |  | 55.5 | Renaming of test case titles. Cleanup of test case descriptions in these sections. DUT and Reference used. 2x new scenarios + 2x tests moved from 55.3 to make more logical sense. |
|  |  | 55.6 | Renaming of test case titles. Cleanup of test case descriptions in this section. DUT and Reference used. 2 x tests moved to 55.7 to make more logical sense.3 VOID test cases removed. 2 Test cases merged. |
|  |  | 55.7 | Renaming of test case titles. Cleanup of test case descriptions in this section. DUT and Reference used.4 Scenarios created merging 4 test cases.2 x tests moved from 55.6 to make more logical sense. |
|  |  | 56.1.2 | Adding explicit note in the Expected behavior in test case 56.1.2 Single Network Environment. |
|  |  | 57.1.6.1 | To shift problems with SSC String to the SSC String test case 57.1.6.5 Storage of SSC string (including international number: '\*\*21\*+49DN#') which is also improved. |
|  |  | 57.1.6.5 | Improve and Correctly testing of the SSC string |
| 12.0 | 29.09.2014 | Annex B | Re-structure of Annex B section for ease of use/editing. Merge of some test cases to avoid duplication  Removal of CS Data tests. |
|  |  | 20.6.3.4 ( 16.3.14) | SIM/UICC list too specific. |
|  |  | 23.1 | Unclear reject cause for. |
|  |  | 41.2.5 | Update spec. and a test step. |
|  |  | 51.1.1, 51.1.3., 51.1.7 &.51.1.8 | Completing the VoLTE test case coverage. |
|  |  | 51.1.2 | Adding test cases in the 51.1.2 Basic Voice cases – PS Text not aligned. |
|  |  | 51.1.4 | Adding test cases in Supplementary Services according GSMA IR.92 / IR.94 |
|  |  | 51.4 | Adding three new test cases for VoLTE in section (SMS over SGs). |
|  |  | 55.4.1 | Changing 2 TCs in the section RCS 1.2 File Transfer - MO File Transfer. |
|  |  | 57.1.1 | Enhancement of PIN1 test cases. |
|  |  | 57.1.2 | Enhancement of PIN2 test cases. |
|  |  | 57.1.3 | Enhancement of FDN test cases. |
|  |  | 57.1.5 | Enhancement of SMSP test cases. |
|  |  | 57.1.6 & 57.3.3 | Enhancement of Phonebook test cases. |
|  |  | 58.1 | Improving the RCS blackbird test cases in Configuration DUT and Reference used in the description 1 Conformance test case removed. |
|  |  | 58.1.1 | Improving the RCS blackbird test cases in Configuration-Fist time Registration over cellular. |
| 12.0 | 29.09.2014 | 58.1.4 | Improving the RCS blackbird test cases in Configuration: First time registration and User discovery. |
|  |  | 58.1.8 | Improving the RCS blackbird test cases - Configuration - Registration after SIM swap. |
|  |  | 58.1.9 | Improving the RCS blackbird test cases (Conflict between multiple RCS Applications). |
|  |  | 58.1.10 | Improving the RCS blackbird test cases (Configuration – Reregistration). |
|  |  | 58.1.11 | Improving the RCS blackbird test cases (Configuration – de-registration). |
|  |  | 58.2 & 58.3 & 58.4 | Improving the RCS blackbird test cases New numbering DUT and Reference used in the description. |
|  |  | 58.3 | Enhancement of RCS test cases - Capability Exchange test cases. |
|  |  | 58.4.3 | Improving the RCS blackbird test casesFile Transfer – Compatibility. |
|  |  | 58.5 & 58.6 & 58.7 | Improving the RCS blackbird test cases - New numbering. DUT and Reference used in the description - Several test cases moved to the new category. |
|  |  | 58.5.1 | Adding 4 new TCs In Call Services / Capability Exchange. |
|  |  | 58.5.2 | Adding 16 new TCs In Call services / Image Share. |
|  |  | 58.5.3 | Adding 10 new TCs on Video Share in the section RCS In Call services and Adding 11 new TCs on Video Share in the section RCS In Call services. |
|  |  | 58.5.4 | Adding 1 new TC on Stability in the section RCS In Call Services. |
|  |  | 58.6 | Improving the RCS blackbird test cases IM/Chat – Group Chat. |
|  |  | 58.6.1 | Adding 14 new TCs on 1-to-1 Chat in the section RCS IM Chat. |
|  |  | 58.6.2 | Adding 7 new TCs on 1-to-1 Chat (Store and forward) in the section RCS IM/Chat. |
|  |  | 58.6.5 | Adding 4 new TC on Converged messaging in the section RCS IM Chat. |
|  |  | 58.6.6 | Adding 1 new TC on Converged messaging in the section RCS IM Chat. |
|  |  | 58.8.3 | Improving the RCS blackbird test cases multidevice - RCS In Call Services. |
|  |  | 58.8 & 58.9 & 58.10 | Improving the RCS blackbird test cases - New numbering. DUT and Reference used in the description. - Several test cases moved to the new category. |
|  |  | 58.9.1 | Improving the RCS blackbird test cases in General – Protocol. |
|  |  | 58.9.2 | Improving the RCS blackbird test cases in General-Roaming. |
| 12.0 | 29.09.2014 | 58.9.3 | Adding 2 new TCs on Video Share in the section General. Adding 2 new TCs to RCS 5.1 (Chapter 58.9.3: General / Phonebook) |
|  |  | 58.9.4 | Improving the RCS blackbird test cases (General-Social profile). |
|  |  | 58.10 | Improving the RCS blackbird test cases. |
|  |  | 58.10.2 | Improving the RCS blackbird test cases Joyn Hot Fixes network Compatibility-File Transfer. |
|  |  | 58.10.3 | Improving the RCS blackbird test cases in Joyn Hot Fixes network Compatibility - RCS In Call Services. |
|  |  | 58.10.4 | Improving the RCS blackbird test cases in Joyn Hot Fixes network Compatibility - IM/Chat. |
| 12.1 | 01.12.2014 | 4.4.1 | Enhancement of PRAU test cases |
|  |  | 5.2 | Enhancement of 2G PDP Context test cases Adding 2 new test cases (5.2.1.1 & 5.2.1.2) 🡪 Test cases 5.2.4 & 5.2.8 are removed and some other are changed (title or test case number or both). |
|  |  | 5.5 | Enhancement of 2G throughput test cases (5.5.1, 5.5.2, 5.5.3, 5.5.4 test case are changed) |
|  |  | 5.6 | Enhancement of GPRS Ciphering Algorithm test case \_ Adding 4 test cases (5.6.1, 5.6.2, 5.6.3, 5.6.4) |
|  |  | 18.4.1 | Enhancement of PRAU test cases |
|  |  | 19 | Enhancement of PS Data test cases \_ Adding NOTE |
|  |  | 19.1 | Enhancement of 3G PDP Context test cases.(from 19.1.1 to 19.1.13 test case)  Adding 2 new test cases (19.1.3.1 & 19.1.3.2) 🡪 Test cases 19.12 & 19.1.7 are removed and some other are changed (title or test case number or both). |
|  |  |  |  |
|  |  | 19.4 | Enhancement of 3G MultiRAB test cases \_ Adding 4 New test cases (19.4.1, 19.4.2, 19.4.3, 19.4.4) and 1 test case number changed (19.4.3 to 19.4.5) |
|  |  |  |  |
|  |  | 19.6 | Enhancement of channel type switching test cases (19.6.1, 19.6.2, 19.6.3, 19.6.4, 19.6.5). |
|  |  | 19.7 19.8 | Enhancement of 3G throughput test cases 🡪 Minor change for test cases from 19.7.1 to 19.7.5 Enhancement of 3G throughput test cases 🡪 Minor change for test cases from 19.8.1 to 19.8.4 |
|  |  | 30.1.2.6 | Add new test case, important for the testing of embedded modules like Machine to Machine or mobile router devices |
|  |  | 32 | Enhancement of PS Data test cases \_ Adding NOTE |
|  |  | 32.3.1 | Enhancement of 4G throughput test cases (32.3.1.1, 32.3.1.2, 32.3.1.3) \_ minor change |
|  |  |  |  |
|  |  | 40.1.1.5 45.1.10 | Enhancement of MOC test cases \_ Adding a new test Enhancement of MOC test cases \_ Adding a new test |
|  |  | 51.3 | Adding more detailed test procedure to 51.3.1 test case (MO-SMS over IMS) and to 51.3.2 test case (MT-SMS over IMS) |
|  |  | 51.3.4 | Adding a New test case (51.3.4) An additional test case for VoLTE SMS over IP for WAP Push messages for Mobile Terminated MMS messages |
|  |  | 51.6 | Adding 3 test cases (51.6.2, 51.6.4, 51.6.6) to verify that a VoLTE device is able to use PS Video over LTE against different clients and test case to verify the device is able to continue Video call as Voice-only after SRVCC to GERAN. |
|  |  | 51.7 | Adding 3 test cases (51.7.3, 517.4, 51.7.5)VoLTE Devices that are not VoLTE-Roaming capable must behave properly when used in visited networks |
|  |  | 51.8 | Adding 5 New Test Cases (51.8.1, 51.8.2, 51.8.3, 51.8.4, 51.8.5) for VoLTE Devices with non-VoLTE enabled SIM |
|  |  | 51.9 | Adding 1 New Test Case (51.9.1) for Simultaneous use of Wi-Fi for Internet access and LTE for VoLTE |
|  |  | 51.10 | Adding 3 New Test Cases (51.10.1, 51.10.2, 51.10.3) for VoLTE RAT Interworking Validation |
|  |  | 51.11 | Adding 3 test cases (51.11.1 & 51.11.3) that check if a VoLTE DUT can properly handle USSD codes, e.g. for checking prepaid balance. |
|  |  | 51.12.1 | Adds untested functionality ( new test 51.12.1) |
|  |  | 58.1 | Updating test cases to improve test case quality (from 58.1.1.1 to 58.1.7.1 test case) |
|  |  | 58.3 | Updating test cases to improve test case quality (58.3.1.1 to 58.3.2.2 test case)) |
|  |  | 58.4 | Updating test cases to improve test case quality (from 58.4.1.1 to 58.4.4.1 test case) |
|  |  | 58.5.1 | Updating test cases to improve test case quality (from 58.5.1.1 to 58.5.1.4 test case) |
|  |  | 58.5.3 | Updating test cases to improve test case quality (from 58.5.3.1 to 58.5.3.24 test case) |
|  |  | 58.6.1 | Improve Test cases (from 58.6.1.1 to 58.6.1.14 test case) |
|  |  | 58.6.2 | Improve Test cases(from 58.6.2.1 to 58.6.2.7 test case) |
|  |  | 58.6.3 | Improve Test cases(from 58.6.3.1 to 58.6.3.24 test case) |
|  |  | 58.6.4 58.6.5 58.6.6 | Improve Test cases(from 58.6.4.1 to 58.6.4.4 test case) Improve Test cases(from 58.6.5.1 to 58.6.5.4 test case) Improve Test cases(from 58.6.6.6.1 test case) |
|  |  | 58.9 | Updating test cases to improve test case quality (from 58.9.1.1 to 58.9.4.4 test case) |
|  |  | 58.10 | Updating test cases to improve test case quality (from 58.10.1.1 to 58.10.4.2 test case) |
| 12.2 | 18.03.2015 | All doc | NEW STRUCTURE |
| 12.2 | 18.03.2015 | All doc | Change to new term ‘Wi-Fi’ |
| 12.2 | 18.03.2015 | Chapter II | Update content for Annex A and annex D |
|  |  | Chapter V | Adding reference for Wi-Fi |
|  |  | Annex A | Adding new section (‘10 A5/4 Ciphering’) |
| 12.2 |  | Annex H | Adding ‘Wi-Fi’ term in glossary |
|  |  | Annex I | Editing a new example of how to complete the CR template (Editorial change) |
|  |  | Annex D | Adding new section (‘59 IP Multimedia Subsystem (IMS)-VxWi-Fi’) |
|  |  |  |  |
|  |  | 2.1.-2-3 | Improvement of test case and streamline of the test procedure.(removing 2.3.4 test case and renumbering 2.3.5-6 to 2.3.4-5 test cases) |
|  |  | 2.4 | Improvement of manual network selection test cases |
|  |  | 3.2.2 | Improvement of test case and streamline of the test procedure in 2G and 3G. |
|  |  | 5.6.3 & 6.2 | Addition GEA4 to test case 5.6.3 and adding A5/3 to 6.2 Handover |
|  |  | 7.1-2 | Enhancement of A5/3 Ciphering test cases |
|  |  | 16.1-2-3 | Improvement of network selection/reselection (Improvement of test case *(from 16.1.1 until 16.3.3 included -removing 16.3.4 test case and renumbering 16.3.5-6 to 16.3.4-5)* and streamline of the test procedure |
|  |  | 17.2.2 | Improvement of test case and streamline of the test procedure in 2G and 3G. |
|  |  | 10.1-2-3 | Update structure with A5/3 test cases |
|  |  | 20.1.4 | Update of test procedure and expected result for test case 20.1.4 *(Adding step for ending tethering connection before paging)* |
|  |  | 30.1.1.7 | Update of initial configuration for test case 30.1.1.7.2 *(to adapt to most common SIM configurations available)* |
|  |  | 30.3.1-2 | Improvement of test case and streamline of the test procedure. |
|  |  | 31.1.2.1-2 | Update of test procedure for test cases 31.1.2.1.2 and 31.1.2.2.2 |
|  |  | 42.6.5-6 | Improvement of USSD test which was not very useful for testing in a live network. |
|  |  | 51.1.1.3 | Adding new test Case for VoLTE-Deregistration before Power off/Airplane mode |
|  |  | 51.1.2.1-2-3-4 | Adding tests for functionality that currently is not included in TS.11. |
|  |  | 51.1.2.12 | Adding new test case to verify that a precondition enabled VoLTE device (MO) can setup call with a precondition disabled VoLTE device. |
|  |  | 51.1.2.13 | Adding new test case to verify that a precondition enabled VoLTE device (MT) can setup call with a precondition disabled VoLTE device. |
|  |  | 51.1.2.14 | Adding new test Cases-MO VoLTE to VoLTE Voice Call-Cancel |
|  |  | 51.1.4.1 | Moving test cases (51.1.4.1.1-2) in new section (51.1.4.6.1-2) created in order to ensure a consistency with the VoLTE work plan. Renumbering test cases 51.1.4.1.3a-b-c to 51.1.4.1.1a-b-c and renumbering test cases 51.1.4.1.4-5 to 51.1.4.1.2-3 |
|  |  | 51.1.4.1-2 | Addition of new test cases to enhance VoLTE test coverage on supplementary services (51.1.4.1.2 & 51.1.4.13) |
|  |  | 51.1.4.2. | Adding new test case (51.1.4.2.5) - Supplementary Services according GSMA IR.92 / IR.94 |
|  |  | 51.1.4.3. | Adding new test case (51.1.4.3.7) - Supplementary Services according GSMA IR.92 / IR.94 |
|  |  | 51.1.4.5-6 | Re-establishment of sections 51.1.4.5 and 51.1.4.6 |
|  |  | 51.1.4.7 | Creating new section 51.1.4.7 and adding test cases (51.1.4.7.1, 51.1.4.7.2) -Supplementary Services according GSMA IR.92 / IR.94 |
|  |  | 51.1.4.8 | Addition of new test cases (51.1.4.8.1, 51.1.4.8.2, 51.1.4.8.3, 51.1.4.8.4) to enhance VoLTE test coverage on supplementary services |
|  |  | 51.5 | Correction of test case description in 51.5.1 |
|  |  | 51.1.7 | Adding news test cases to verify that a VxLTE device can handle simultaneous video and PS services.(51.1.7.1-2-3-4) to replace test cases 51.1.7.1-2 already existing and renumbering of test cases 51.1.7.3-4-5 to 51.1.7.5-6-7 |
| 12.2 |  | 51.1.7.8 | Adding new test case to verify that a VoLTE device can provide video reject, voice accept function to users. |
|  |  | 51.7 | Renaming 3 VoLTE Roaming test cases for better readability (51.7.1-2-3) |
|  |  | 52.1.2 | Adding new test 52.1.3 (Introduction of PDP context in roaming test. This test streamlines with the testcase in the 3G section) |
|  |  | 53.1 | Improvement of network names test. The test was not updated since se.13 changed names to ts.25 |
|  |  | 57.1 | Correction of test procedure for test case 57.1.6.1 (Adding missing ‘#’ to several steps in test procedure) |
|  |  | 57.3.19 | Change to term ‘WLAN Access Point’ instead of ‘AP’ or ‘ access point’ |
|  |  | 58.3.1 | Adaptation of expected result of test cases in section 58.3. |
|  |  | 58.4.1-2-3 | Adaptation of expected results of test cases 58.4.1, 58.4.2 & 58.4.3(until 58.4.3.3 test case) |
|  |  | 58.5.2 | Updating test cases to improve test case quality by adding a new Description. |
|  |  | 58.5.3 | Updating test cases to improve test case quality by adding a new Description. |
|  |  | 58.5.1 | Improvement of test case quality (correction of expected behaviour for scenario B on 58.5.1.3 test case) |
|  |  | 58.5.2.5 | Improvement of test case quality (Adding scenario B to 58.5.2.5 test case) |
|  |  | 58.5.2.15-16 | Improvement of test case quality (Corrections in initial configuration on 58.5.2.15 & 58.5.2.16 test cases) |
|  |  | 58.5.3.14 | RCS 5.1 BlackbirdUpdate (References updated on 58.5.3.14 test case) |
|  |  | 58.5.3 | Improvement of test case quality (Corrections in initial configuration on 58.5.3.20-21-22-23 test cases) |
|  |  | 58.5.4 | Updating test cases to improve test case quality by adding a new Description. |
|  |  | 58.6.1-2 | Adaption of expected results of test cases in section 58.6.1 & 58.6.2 |
|  |  | 58.6.3-4 | Adaption of expected results of test cases in section 58.6.3 & 58.6.4 |
|  |  | 58.6.5 | Editorial changes on test cases in section (58.6.5.2, 58.6.5.3, 58.6.5.4) |
|  |  | 59.1 | Introduce the new IMS feature VoWi-Fi in PRD TS 11 for adding new IMS feature test cases |
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| 13.0 | 02.06.2015 | Annex B  19.7-8 | Improvement of test cases 19.7.1-3-5 and 19.8.1-3-5 making logical and realistic to test in a live network environment therefore improving quality (a reference device(s) shall be used in the live network.) |
|  |  | 20.-2 | Scenarios improved \_Streamlining of UTRAN mobility tests.(scenario K,L & M deleted for A5/3 Ciphering ) |
| 13.0 | 02.06.2015 | Annex C  31.1-2 | Improvement of test cases 31.1.1.1-2 & 31.2.1-2 (Streamlining of LTE mobility tests in line with GERAN and UTRAN sections.) |
|  |  | 31.3 | Removing section: |
|  |  | 32.3.1 | Improvement of test cases 32.3.1.1-2-3 to making logical and realistic to test in a live network environment therefore improving quality (a reference device(s) shall be used in the live network.) |
|  |  |  |  |
| 13.0 | 02.06.2015 | Annex D  42.3.5 | Improvement of test case by includes merge and private call to cover all aspects within call waiting scope. |
|  |  | 51.1.4.9 | Addition of new test cases to enhance VoLTE test coverage on supplementary services. |
|  |  | 58.1.1 | Improvement of test case quality (58.1.1.3, 58.1.1.4) corrections and changes to existing BB test cases) |
|  |  | 58.1.8 | Improvement of test case quality (58.1.8.1-2) corrections and changes to existing BB test cases.(test case 58.1.8.1 contains optional functionality) |
|  |  | 58.3.1 | Updating test cases (58.3.1.1-2-3-4-5-6) to improve test case quality by adding reference to PDD to the test cases for better understanding (Reference RCS 5.1 Specifications and PDD) |
|  |  | 58.3.1 | Improvement of test case quality (58.3.1.1-4) corrections and changes to existing BB test cases.(RCS capabilities are not shown in the address book in case of fully integrated client) |
|  |  | 58.5.1 | Updating test cases (58.5.1.1-2-3-4) to improve test case quality by adding reference to PDD to the test cases for better understanding (Reference RCS 5.1 Specifications and PDD) |
|  |  | 58.5.2 | Updating test cases (58.5.2.1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16) to improve test case quality by adding reference to PDD to the test cases for better understanding (Reference RCS 5.1 Specifications and PDD) |
|  |  | 58.5.3 | Updating test cases (58.5.3.1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24) to improve test case quality Adding reference to PDD to the test cases for better understanding |
|  |  | 58.5.4 | Updating test case (58.5.4.1) to improve test case quality Adding reference to PDD to the test cases for better understanding. |
|  |  | 58.6.1-2 | Improvement of test case quality(correction of Reference RCS 5.1 PDD on 58.6.1.3 , 58.6.2.4 test cases, correction of test procedure and adding comment on expected behaviour only on 58.6.2.4 test case). |
|  |  | 58.6.3 | Test cases 58.6.3.7 and 58.6.3.23 should be removed and should be set to VOID (not yet validated) |
| 13.0 | 02.06.2015 | 59.1.1 | Addition of test cases to enable Voice over Wi-Fi test coverage on registration |
|  |  | 59.1.3 | Addition of test cases to enable Voice over Wi-Fi test coverage on basic voice call handling. |
|  |  | 59.1.4 | Addition of test cases to enable Voice over Wi-Fi test coverage on basic voice call handling |

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| 14.0 | 16.09.2015 | All Annex | Change Wi-Fi in TS.11 to Wi-Fi |
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| 14.0 | 16.09.2015 | Annex A |  |
|  |  | 2.1.3-4 | Fixed procedure |
| 14.0 | 16.09.2015 | Annex B |  |
|  |  | 16.1.3-4-5-6 | Fixed procedure |
|  |  | 17.2.5 | Adding test case for System Access & Registration |
|  |  | 19.2.2 | Improvement of test procedure – (Streamline of embedded browser capability in UTRAN and E-UTRA) |
| 14.0 | 16.09.2015 | Annex C |  |
|  |  | 30.3.1.1-2-6-7 | Fixed procedure |
|  |  | 30.1-2 | Adding test cases for System Access & Registration (30.1.1.9 & 30.2.1.5) |
|  |  | 32.2.2 | Improvement of test procedure - (Streamline of embedded browser capability in UTRAN and E-UTRA) title of testcase changed |
|  |  | 32.2.6 | Adding new test case- (for checking CONNECTED state to IDLE state in E-UTRA) |
|  |  | 34.1-2-3 | Improvement of test procedure - Split of some test cases into CS fallback to UTRAN and CS fallback to GERAN. Correction of wording “UE” to “DUT” |
|  |  | 34.1.6.1-2 | Removing test cases (34.1.6.1-2) |
|  |  | 34.1.8-9 | Adding new test cases (34.1.8-9) |
|  |  | 34.2-3 | Adding new test cases (34.2.1-2 & 34.3.1) |
|  |  | 35.1 | Improvement of test procedure - Re-work of test cases to add extra bulk. Re-order so that MO comes before MT like in other sections of the TS11. |
|  |  | 37.1.1-2 | Addition new test cases - Carrier Aggregation Basic calls. |
|  |  | 37.2.1-2 | Addition new test cases - Carrier Aggregation Handover Tests |
|  |  | 37.3.1 | Addition new test case - Carrier Aggregation State Change. |
|  |  | 37.1.10.1-2 | Addition new test cases – Data Performance |
| 14.0 | 16.09.2015 | Annex D |  |
|  |  | 41.2.7.9 | Update of test cases id to avoid duplication |
|  |  | 45.1-2-3 | Adding new Test cases (45.1.11 & 45.2.5-6) - Improving 45.3.1 with 2 more scenarios |
|  |  | 51.1.4.3.8 | Adding new test case (scenario that users creating voice conference with non - VoLTE clients.) |
|  |  | 52.1-2-3-4-5 | Improvement of test procedure |
|  |  | 52.3 | Improving test case quality - Updating of test cases id to avoid duplication 52.3.1 and 52.3.2 |
|  |  | 51.6.3 | Adding new test case for voice call waiting while ongoing video call. |
|  |  | 56.1.1 | Improving test case quality - Update of RAU request from test procedure since not compliant for all scenarios |
|  |  | 57.1.6.1 | Correcting step number in test procedure for test case 57.1.6.1 |
|  |  | 58.1 | Improvement of test coverage - Reference Note updated in Section 58 Headers improvement on Section 58.1 |
|  |  | 58.1.1 | Removing Presence configuration Test Cases 58.1.1.3-4 |
|  |  | 58.1.6.1 | Improvement of test coverage - Merge Conflict between multiple RCS Applications Test Cases.(58.1.6.2 removed) |
|  |  | 58.3.1 | Improvement of test coverage - Renaming of test case titles (58.3.1 only) |
|  |  | 58.3.2 | Removing Presence configuration Test Cases 58.3.2.1-2 |
|  |  | 58.4 | Improvement of test coverage - Renaming of test case titles (58.4.1-2-3-4) |
|  |  | 58.4.3 | Better understanding of the test case - Reference PDD (58.4.3.4-5-6-7-8) |
|  |  | 58.4.4. | Better understanding of the test case - Reference PDD (58.4.4.1) |
|  |  | 58.5 | Improvement of test coverage - Renaming of test case titles (58.5.1-2-3-4-5) |
|  |  | 58.5.1.3 | Improving test case quality - Correcting initial configuration |
|  |  | 58.5.2 | Improving test case quality -Update of initial configuration due to updated spec for enriched calling |
| 14.0 | 16.09.2015 | Annex D |  |
|  |  | 58.5.3 | Improving test case quality (58.5.3.1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20) - Update of initial configuration and test procedure for video sharing. |
|  |  | 58.5.3.11 | Improving test case quality - Correction of expected result |
|  |  | 58.5.4.1 | Improving test case quality - Update of initial configuration due to updated spec for enriched calling |
|  |  | 58.6.3 | Improving test case quality (58.6.3.3-4-5) - Test procedure and expected result updated with missing, corrected or clarifying steps |
|  |  | 58.6 | Headers improvement on Section 58.6 - Renaming of test case titles and correct one format error in 58.6.1.1 |
|  |  | 58.6.1.5 | Better understanding of the test case - Reference PDD |
|  |  | 58.6.5 | Improving test case quality - Update of initial configuration |
|  |  | 58.6.5.1-2-3-4-5 | Better understanding of the test case - Reference PDD |
|  |  | 58.6.6.1 | Better understanding of the test case - Reference PDD |
|  |  | 58.9 | Improvement of test coverage - Renaming of test case titles (58.9.1-2-3). |
|  |  | 59.1.2 | Addition of new test cases to enable Voice over Wi-Fi test coverage on Connection Management (59.1.2.1-2-~~3~~-4-5-6) |
|  |  | 59.1.3 | Addition of new test cases to enable Voice over Wi-Fi test coverage on VoWi-Fi Basic Voice Call Handling (59.1.3.4-5) |
|  |  | 59.1.4 | Editorial changes (wrong numbering) (59.1.4.1-2-3-4-5-6) |
|  |  | 59.1.7 | Adding new test Cases on VoWi-Fi Emergency Calls (59.1.7.1-2) |
|  |  | 59.1.10.1-2 | Addition of new test cases to enable Voice over Wi-Fi test coverage on VoWi-Fi Call Performances.( 59.1.10.1.2-3-4 and 59.1.10.2.1-2-3) |
| 14.0 | 16.09.2015 | Annex K |  |
|  |  |  | Adding Annex K (new Annex) section 70 and 71and test cases for CDMA2000 |
|  |  | 70 | Adding new section and test cases for voice call |
|  |  | 71 | Adding new section and test cases for Mobility |
| 14.1 | 09.12.2015 |  |  |
|  |  | All Annex | Change Wi-Fi to Wi-Fi |
|  |  |  |  |
|  |  | Annexe A |  |
|  |  | 2.1.1 | Correction Network (selection GERAN) *FT Doc 52\_016r1* |
|  |  |  |  |
|  |  | Annex B |  |
|  |  | 16.1-2-3 | Correction and removing some EFPLMNsel references *FT Doc 52\_017* |
|  |  |  |  |
|  |  | Annex C |  |
|  |  | 30.3.1. | Correction test cases (30.3.1.2-3-4-5-6-7) (Network selection EUTRA) *FT Doc 52\_018* |
|  |  |  |  |
|  |  | Annex H |  |
|  |  | Glossary | To update glossary following addition of Carrier Aggregation to section 37 in Annex C. *FT Doc 52\_012r1* |
|  |  |  |  |
|  |  | Annex D |  |
|  |  | 51.1.3 | Adding note to improve test cases *FT Doc 52\_019r1* |
|  |  | 51.1.3.8 | Removing test case (51.1.3.8 Emergency Call – SRVCC to GSM) and addition new test case (51.1.3.8 Emergency Call in Limited Service) *FT Doc 52\_019r1* |
|  |  | 51.1.4.1.1 | Editorial changes *FT Doc 52\_019r1* |
|  |  | 58.1.1-2 | Correction of RCS 5.1 test cases (58.1.1.1-2, 58.1.2.1-2) *FT Doc 52\_015r1* |
| 14.1 | 09.12.2015 | 58.5.3 | Correction of RCS 5.1 test cases (58.5.3.3) *FT Doc 52\_015r1* |
|  |  | 58.6.1 | Correction of RCS 5.1 test cases Title (58.6.1.3) *FT Doc 52\_015r1* |
|  |  | 58.6.5 | Correction of RCS 5.1 test cases (58.6.5.2) *FT Doc 52\_015r1* |
|  |  | 59.1.6 | Addition of test cases to enable Voice over Wi-Fi test coverage on Supplementary Services *FT Doc 52\_022r1* |
|  |  | 59.1.6.2 | Adding VoWi-Fi test cases to TS.11 as per VoWi-Fi work plan *FT Doc 52\_024r2* |
|  |  | 59.1.8 | Addition of test cases to enable Voice over Wi-Fi test coverage on VoWi-Fi Handover *FT Doc 52\_021r2* |
|  |  | 59.1.8.4 | Adding VoWi-Fi test cases to TS.11 as per VoWi-Fi work plan *FT Doc 52\_024r2* |
|  |  | 59.1.9 | Adding VoWi-Fi test cases to TS.11 as per VoWi-Fi work plan *FT Doc 52\_024r2* |
| 15 | 16.03.2016 | Annex A |  |
|  |  | 8 | Removal of section (Fax Call) due to legacy test cases *FT Doc 53\_029* |
|  |  | 9 | Removal of section (Fax Call) due to legacy test cases *FT Doc 53\_030* |
| 15 | 16.03.2016 | Annex B |  |
|  |  | 16.1 | Correction of test case 16.1 Introduction *FT Doc 53\_035* |
| 15 | 16.03.2016 | Annex C |  |
|  |  | 31.3.1 | Moving of mobility tests to the correct section *FT Doc 53\_028* |
|  |  | 31.4. | Adding new chapter **Handover with 3 Component Carrier Aggregation** *(issue FT Doc 53\_028)* |
|  |  | 31.4.1-2-3 | Moving test cases from 37.2 **Handover** chapter*(issue FT Doc 53\_028)* |
|  |  | 37 | Adding notification to reduce unnecessary testing of Carrier Aggregation but maintain quality of functionality in Mobile Network *FT Doc 53\_019* |
|  |  | 37.1.1-2 | Streamlining test cases *FT Doc 53\_028* |
|  |  | 37.1.1-2 | Change test case *FT Doc 53\_053r1* |
|  |  | 37.1.3 | Adding new test case **CA Basic Voice Call 3 DL 1UL**  **(**New functionality in Mobile Networks that is currently untested)*FT Doc 53\_044r2* |
|  |  | 37.1.4 | Adding new test case **CA Basic Video Call 3DL 1UL (**New functionality in Mobile Networks that is currently untested)*FT Doc 53\_045r2* |
|  |  | 37.2.1-2 | Change Title test cases *FT Doc 53\_053r1* |
|  |  | 37.2 | Removing **37.2 Handover** chapter to reallocate for Data performance test cases *FT Doc 53\_028* |
|  |  | 37.2.3 | Adding new test case to inter and intra handover carrier aggregation 3 Downlink is supported. *FT Doc 53\_016r2* |
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|  |  | 58.6.3.1-2-3-5-7-8-9-13-14-15-17-18-19-21-22-24 | Improving and updating test cases *FT Doc 53\_026r1* |
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|  |  | 58.6.7.1 | Improvement of test case *FT Doc 54\_08r1* |
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| 17 | 16.09.2016 |  |  |
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|  |  | 58-1.3.4.1-2-3 | RCS CPR test cases updated in accordance with latest IOT matrix *FT Doc 55\_053r1* |
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|  |  | 58-1.3.8.1-2-3-4 | Adding new test cases (Defining new feature ) *FT Doc 55\_051r1 & 55\_052r1* |
|  |  | 59.1.1.1 | Correction test case *FT Doc 55\_028r2* |
|  |  | 59.1.1.2 | Correct format Headers *FT Doc 55\_022* |
|  |  | 59.1.1.3 | Adding new test case to test VoWiFi registration and authentication *FT Doc 55\_028r2* |
|  |  | 59.1.2.7 | Adding 1 new test case to test Multiple PDN connections (MAPCON) *FT Doc 55\_029r1* |
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|  |  | 59.1.6.5.1 | Adding new section and 1 new OIR test case *FT Doc 55\_042r1* |
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|  |  | 59.1.8.5.1-2-3 | Adding new test cases to test Mobility Management *FT Doc 55\_031r3* |
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|  |  | 37.1 | Change section with test cases titles *FT Doc 55\_025r3* |
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|  |  | 58-1.3.3. 19-20-21 | Adding 3 new test cases for Video share for RCS CPR *FT Doc 55\_059r1* |
|  |  | 58-1.3.5.5-6-7 | Adding 3 new test cases for CPR *FT Doc 55\_058r1* |
|  |  | 58-1.3.6.1-2-3 | Adding new section (58.1.3.6) and 3 new test cases *FT Doc 55\_047r1* |
|  |  | 58-1.3.7.1-2-3-4-5-6-7-8-9-10-11 | Adding new section (58.1.3.7) and 11 new test cases *FT Doc 55\_046r1 & 55\_048r1 & 55\_049r1 & 55\_050r1* |
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|  |  | 58-1.3.9.1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17 | Adding 17 new test cases *FT Doc 55\_015r3* |
|  |  | 58-1.3.10-1-2-3-4-5-6-7-8 | Adding 8 new test cases *FT Doc 55\_015r3* |
|  |  | 59.1.1.3 | Adding 1 new test case *FT Doc 55\_028r2* |
|  |  | 59.1.2.7 | Adding 1 new test case Multiple PDN connections (MAPCON@Default PDN over LTE and IMS PDN over Wi-Fi) *FT Doc 55\_029r1* |
|  |  | 59.1.6.2.2 | Adding 1 new VoWiFi test case : MT Wi-Fi - Joining Conference after receiving Invitation *FT Doc 55\_011r1* |
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|  |  | 59.1.6.3.4 | Adding 1 new test case : Communication Waiting – configuration FT Doc 55\_039r2 |
|  |  | 59.1.6.5.1 | Adding new section ( 59.1.6.5) and 1 new test case *FT Doc 55\_042r1* |
|  |  | 59.1.7.3 | Adding 1 new VoWiFi test case : Emergency Call in Wi-Fi – Cellular not available – Wi-Fi EC enabled *FT Doc 55\_010r1* |
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|  |  | 59.1.8.5.1-2-3 | Adding new section (59.1.8.5) Handover VxWiFi Call and 3 new test cases *FT Doc 55\_031r3* |
|  |  | 59.1.11.1-2-3-4 | Adding new section (59.1.11) VoWiFi according GSMA IR.94 - Video Calls and 4 new test cases *FT Doc 55\_030r1* |
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|  |  | 51.1.2.9-10-13 | Correction of step numbers for VoLTE test cases *FT Doc 56\_019* |
|  |  | 51.1.2.10-11 | Improving test cases and correction of mistakes *FT Doc 56\_070* |
|  |  | 51.1.2.16-17 | Adding 2 new test cases *FT Doc 56\_070* |
|  |  | 51.1.4.2.3 | Correction of step numbers for VoLTE test cases *FT Doc 56\_019* |
|  |  | 51.1.4.6.1 | Correction of step numbers for VoLTE test cases *FT Doc 56\_019* |
|  |  | 51.1.5.1 | Correction of step numbers for VoLTE test cases *FT Doc 56\_019* |
|  |  | 51.1.6.1 | Correcting VoLTE test cases for SRVCC from SRVCC to EUTRA to SRVCC to UTRAN *FT Doc 56\_010* |
|  |  | 51.1.7.8 | Correction of title : MT video call to video-reject party (Voice only call shall be established) *FT Doc 56\_028* |
|  |  | 51.1.7.9-10 | Updating test cases (Voice call –Video Upgrade) *FT Doc 56\_069* |
|  |  | 51.1.7.12 | Adding 1 new test cases to enable function test of rejecting upgrade request *FT Doc 56\_052* |
|  |  | 51.1.7.13-14-15-16 | Adding 2+2 new test cases to ensure compatibilities between DUEs. on SIP Preconditions during upgrading voice call to video call. *FT Doc 56\_050 &51* |
|  |  | 51.1.7.17-18 | Adding 2 test cases about video call with precondition enabled *FT Doc 56\_062* |
|  |  | 51.1.7.19 | Adding a new test case *FT Doc 56\_069* |
|  |  | 51.2.1.1-2-3 | Correction of step numbers for VoLTE test cases *FT Doc 56\_019* |
|  |  | 51.2.2.1-2-3 | Correction of step numbers for VoLTE test cases *FT Doc 56\_019* |
|  |  | 51.7.1 | Improving test case *FT Doc 56\_068* |
|  |  | 51.8.1-2-3-4 | Improving test procedures *(Merge of CS related test cases into 1 test but split of scenarios since they all have the same precondition) FT Doc 56\_048* |
|  |  | 51.8.4 | Correction of step numbers for VoLTE test cases *FT Doc 56\_019* |
|  |  | 51.8.6 | Adding new test case *FT Doc 56\_068* |
|  |  | 51.10.1 | Correction of step numbers for VoLTE test cases *FT Doc 56\_019* |
|  |  | 57.1.6.2-3 | Aligning SIM Phonebook test cases with the specification *FT Doc 56\_0009* |
|  |  | 58.6.3.8-17 | Updating test cases according to RCS BB test matrix *FT Doc 56\_011* |
|  |  | 58-1.3.3.9 | Adding 1 new test case for RCS CPR video share *FT Doc 56\_047* |
|  |  | 58-1.3.9.6 | Updating test case (RCS 5.3 call composer) according to RCS BB test matrix *FT Doc 56\_007* |
|  |  | 59.1.2.8 | Adding 1 new VoWifi test case to check long duration VoWifi tunnel stability. *FT Doc 56\_054* |
|  |  | 59.1.7.3 | Improving test scope for VoWiFi *FT Doc 56\_053* |
|  |  | 59.1.6.2.2 | Improving test scope for VoWiFi *FT Doc 56\_053* |
|  |  | 59.1.12.1-2-3-4 | Adding 4 new VoWiFi test cases for VoWiFi in flight mode with Wi-Fi enabled. *FT Doc 56\_055* |
|  |  | 59.1.13.1-2-3-4-5-6 | Adding 6 new VoWiFi test cases while roaming test cases *FT Doc 56\_036* |
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|  |  | 30.1.1.1-8 | Changing test case title. *FT Doc 56\_056* |
|  |  | 30.1.2.6 | Changing test case title. *FT Doc 56\_056* |
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|  |  | 51.1.1.1-2 | Updating test case title. *FT Doc 56\_018* |
|  |  | 51.1.2.16-17 | Adding 2 new test cases *FT Doc 56\_070* |
|  |  | 51.1.6.1 | Changing title of test cases for SRVCC from SRVCC to EUTRA to SRVCC to UTRAN *FT Doc 56\_010* |
|  |  | 51.1.7.8 | Correction of title : **MT** video call to video-reject party (Voice only call shall be established) *FT Doc 56\_028* |
|  |  | 51.1.7.9-10 | Correction test cases title *FT Doc 56\_069* |
|  |  | 51.1.7.12-13-14-15-16 | Adding 5 new test cases. *FT Doc 56\_050 &51 & 52* |
|  |  | 51.1.1.17-18 | Adding 2 test cases about video call with precondition enabled *FT Doc 56\_062* |
|  |  | 51.1.7.19 | Adding 1 new test case *FT Doc 56\_069* |
|  |  | 51.8.1-2 | Changing title of section and test cases *FT Doc 56\_048* |
|  |  | 51.8.3-4-5 | Setting test cases to Void *FT Doc 56\_048* |
|  |  | 51.8.6 | Adding new test case *FT Doc 56\_068* |
|  |  | 58.6.3.17 | Updating test case title : Group Chat - MT Group Chat with Auto accept (New group chat) *FT Doc 56\_011* |
|  |  | 58-1.3.3.9 | Changing test title from “Void” to “Video share: Graceful termination of a simultaneous video share session due to changing conditions” *FT Doc 56\_047* |
|  |  | ~~59.1.2.7~~ | Adding 1 new VoWifi test case *FT Doc 56\_054* |
|  |  | 59.1.2.8 |  |
|  |  | 59.1.12.1-2-3-4 | Adding 4 new VoWiFi test cases for VoWiFi in flight mode with Wi-Fi enabled. *FT Doc 56\_055* |
|  |  | 59.1.13.1-2-3-4-5-6 | Adding 6 new VoWiFi test cases while roaming test cases *FT Doc 56\_036* |
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|  |  | 19.2.~~3~~.4 | Adding a new test case for streaming *FT Doc 56\_047* |
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|  |  | 38.3.3-4 | Adding new test cases to test UE Performance in HST Scenario *FT Doc 57\_038* |
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|  |  | 51.1.1.1-2-3-4 | Correction of test cases related to PDN type in use for IMS registration *Doc 57\_049* |
|  |  | 51.1.3.9 | Adding a new test case of IMS emergency call section *Doc 57\_048* |
|  |  | 51.1.4.2.~~4.~~6 | Adding a new test case to ensure correct behaviour of DUT *Doc 57\_055* |
|  |  | 51.1.4.7.1-2 | Improving test cases *FT Doc 57\_045* |
|  |  | 51.1.8.3-4 | Addition of test cases to enable video alerting tone during call establishment. *FT Doc 57\_039* |
|  |  |  |  |
|  |  | 51.1.8.2 | Updating test case *FT Doc 57\_041* |
|  |  | 51.6.7 | Addition of a new test case related to IR.94 interworking *FT Doc 57\_046* |
|  |  | 51.10.1-2-3 | Improving test cases *FT Doc 57\_016* |
|  |  | 51.10.4-5-6 | Adding new test cases *FT Doc 57\_016* |
|  |  | 58 | New RCS headers. *FT Doc 57\_037* |
|  |  | 58.1.1.1 | Editorial change. *FT Doc 57\_010* |
|  |  | 58.1.1.2 | Adding New BB test case (According to RCS BB IOT test matrix v4.0). *FT Doc 57\_050* |
|  |  | 58.1.4.1 | Editorial change. *FT Doc 57\_010* |
|  |  | 58.1.7.4 | Adding New BB test case (According to RCS BB IOT test matrix v4.0). *FT Doc 57\_050* |
|  |  | 58.6.1.10 | Editorial change. *FT Doc 57\_010* |
|  |  | 58.6.1.14 | Editorial change. *FT Doc 57\_010* |
|  |  | 58.6.3.2 | Editorial change. *FT Doc 57\_010* |
|  |  | 58.6.3.18 | Editorial change. *FT Doc 57\_010* |
|  |  | 58.6.3.25 | Adding New BB test case (According to RCS BB IOT test matrix v4.0). *FT Doc 57\_050* |
|  |  | 58.6.3.26 | Adding New BB test case (According to RCS BB IOT test matrix v4.0). *FT Doc 57\_050* |
|  |  | 58.6.4.1 | Editorial change. *FT Doc 57\_010* |
|  |  | 58-1 | New RCS headers . *FT Doc 57\_037* |
|  |  | 58-1.3.4.1-2-3-4 | Updating test cases RCS 5.3 to CPR *FT Doc 57\_011* |
|  |  | 58-1.3.5.1-2-3-4-5-6-7 | Updating test cases RCS 5.3 to CPR *FT Doc 57\_011* |
|  |  | 58-1.3.6.1-2-3 | Updating test cases RCS 5.3 to CPR *FT Doc 57\_011* |
|  |  | 58-1.3.7.1-2-3-4-5-6-7-8-9-10-11 | Updating test cases RCS 5.3 to CPR *FT Doc 57\_011* |
|  |  | 58-1.3.8.1-2-3-4 | Updating test cases RCS 5.3 to CPR *FT Doc 57\_011* |
|  |  | 58-1.3.9.1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17 | Updating test cases RCS 5.3 to CPR *FT Doc 57\_011* |
|  |  | 58-1.3.10.1-2-3-4-5-6-7-8 | Updating test cases RCS 5.3 to CPR *FT Doc 57\_011* |
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|  |  | 19.2.~~3~~.4 | Adding a new test case for streaming *FT Doc 56\_047* |
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|  |  | 38.3.3-4 | Addition of new test cases to test UE Performance in HST Scenario *FT Doc 57\_038* |
|  |  | 51.1.1.3-4 | Adding a test cases and renumbering *FT Doc 57\_049* |
|  |  | 51.1.3.9 | Addition of a new test case *FT Doc 57\_048* |
|  |  | 51.1.4.2.~~4.~~6 | Addition of a new test case to ensure correct behaviour *Doc 57\_055* |
|  |  | 51.1.4.7 | Correction title section *FT Doc 57\_045* |
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|  |  | 51.1.4.7.1 | Improving test case (title changed) *FT Doc 57\_045* |
|  |  | 51.1.8.3-4 | Addition of test cases *FT Doc 57\_039* |
|  |  | 51.6.7 | Addition of a new test case *FT Doc 57\_046* |
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|  |  | 51.10.1-2-3 | Improving test case (title changed) *FT Doc 57\_016* |
|  |  | 51.10.4-5 | Addition of test cases *FT Doc 57\_016* |
|  |  | 58 | New RCS headers. *FT Doc 57\_037* |
|  |  | 58-1 | New RCS headers. *FT Doc 57\_037* |
|  |  | 58.1.1.2 | Addition of New BB test case. *FT Doc 57\_050* |
|  |  | 58.1.7.4 | Addition of New BB test case. *FT Doc 57\_050* |
|  |  | 58.6.3.25 | Addition of New BB test case *FT Doc 57\_050* |
|  |  | 58.6.3.26 | Addition of New BB test case *FT Doc 57\_050* |
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|  |  |  | Adding a new “reference” definition and update of “client” *FT Doc 57\_054* |
|  |  |  | Adding a new “Flight mode” definition *FT Doc 57\_056* |
|  |  | Annex I, |  |
|  |  |  | Updating Change Request Form |
| V20 |  | Annex C |  |
|  |  | 31.2.2 | Adding (selecting) 2 more scenarios for Inter-RaT *FT Doc 58\_010* |
|  |  | 32.1.2 | Merging two test cases for multiple PDN connection (32.1.2 & 32.1.3) *FT Doc 58\_011* |
|  |  | 38.1.1 | Modifying System Access & Registration in HST Scenario *FT Doc 58\_038* |
|  |  | 32.3.2.1-2 | Addition of Cat 11,12,13 for Downlink Throughput Measurement and Cat 13 for Uplink Throughput Measurement *FT Doc 58\_018* |
|  |  | 38.2 | Minor editorial of Title *FT Doc 58\_039* |
|  |  | 38.2.1 | Test case modification *FT Doc 58\_039* |
|  |  | 38.3.1 | Test case modification *FT Doc 58\_042* |
|  |  | 38.3.2 | Test case modification *FT Doc 58\_042* |
|  |  | Annex D |  |
|  |  | 51 | Removal of test cases covered in annex L *FT Doc 58\_048* |
|  |  | 51.1.1.1-2-3 | Modification test cases *FT Doc 58\_032* |
|  |  | 51.1.1.4 | Modification test case SIP Deregistration before Detach Procedure *FT Doc 58\_045* |
|  |  | 51.1.4.2.7 | Addition of test cases for VoLTE supporting EVS voice codec *FT Doc 58\_043* |
|  |  | 51.1.4.3.9 | Addition of test cases for VoLTE supporting EVS voice codec *FT Doc 58\_043* |
|  |  | 51.5.5 | Addition of test cases for VoLTE supporting EVS voice codec *FT Doc 58\_043* |
|  |  | 51.5.6 | Addition of test cases for VoLTE supporting EVS voice codec *FT Doc 58\_043* |
|  |  | 51.5.7 | Addition of new test cases MO EVS Voice Call - To AMR-WB Client *FT Doc 58\_044* |
|  |  | 58 | CR RCS BB, CPR adaptation *FT Doc 58\_016* |
|  |  | 58.6.3.25-26 | RCS BB updated test cases *FT Doc 58\_040* |
|  |  | 58-2 | Adding RCS UP 1.0 *FT Doc 58a\_015 , FT Doc 58a\_016, FT Doc 58a\_017, FT Doc 58a\_019, FT Doc 58a\_020* |
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|  |  | 59 | Removal of test cases covered in annex L *FT Doc 58\_048* |
|  |  | 59.1.6.1.3 | Addition of test cases for VoWiFi supporting EVS voice codec *FT Doc 58\_049* |
|  |  | 59.1.6.2.3 | Addition of test cases for VoWiFi supporting EVS voice codec *FT Doc 58\_049* |
|  |  | 59.1.10.2.4 | Addition of test cases for VoWiFi supporting EVS voice codec *FT Doc 58\_049* |
|  |  | 59.1.10.2.5 | Addition of test cases for VoWiFi supporting EVS voice codec *FT Doc 58\_049* |
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|  |  | Annex L | Creation of new annex for IMS *FT Doc 58\_047* |
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|  |  | 90. | Adding new test cases |
|  |  | 31.2.2 |  |
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|  |  | 51.1.4.2.7 | Addition of test cases for VoLTE supporting EVS voice codec *FT Doc 58\_043* |
|  |  | 51.1.4.3.9 | Addition of test cases for VoLTE supporting EVS voice codec *FT Doc 58\_043* |
|  |  | 51.5.5 | Addition of test cases for VoLTE supporting EVS voice codec *FT Doc 58\_043* |
|  |  | 51.5.6 | Addition of test cases for VoLTE supporting EVS voice codec *FT Doc 58\_043* |
|  |  | 51.1.4.2.7 | Addition of test cases for VoLTE supporting EVS voice codec *FT Doc 58\_043* |
|  |  | 51.5.7 |  |
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| V21 |  | Annex A |  |
|  |  | 2.3.2 & 2.3.3 | Network reselection TC improvements (FT59\_016) |
|  |  | Annex B  16.3.2 & 16.3.3 | Network reselection TC improvements (FT59\_017) |
|  |  | Annex C  30.3.1.3 & 3.0.3.1.4  35.1  31.2  39.1.1  40.1 & 40.2  Annex D  51 & 59    55  58-2.3.15 to 24  58-2.8  58-1.3.7.14  58.6.1.2 & 58-1.3.9.16  Annex L  90 & 91 & 92 | Network reselection TC improvements (FT59\_018)  SMS & MMS over SGS adding MMS scenario (FT59\_027)  Adding Rat Icon display verification in test cases (FT59-027)  New test case: Single User Multiple-Input-Multiple-Output (FT59-038)  New test cases: minimization of drive test (FT59-031)  Moving test all cases of section 51 and section 59.1 toward annex L (FT59-028)  RCS 1.2 section completely removed (FT59-004)  Adding new RCS UP1 test cases in section 1-2-1 chat for standalone messaging ( 10 test cases from 58-2.3.15 to 58-2.3.24) (FT59-036)  Adding new tests: Enriched Calling section and editorial fixes in all other sections (FT59-025)  Adding new test cases RCS CPR sketch when line colour changes(FT59-030)  editorial fixes for RCS BB and RCS CPR (FT59-029)  Update of annex L adding test cases into sections 90, 91 and 92 (FT59-035) |
|  |  | 91.2.6.7 /10  92.2.4  91.1.1.6 | Addition of 4 video call performance tests based on IR 94 (FT59-013)  Addition of VxWiFi video call establishment success rate (FT59-015)  adding new test case for VxLTE Switch ( ON/OFF) (FT59-033) |
| V22 | Annex A  Annex B  Annex C  Annex D  Annex L | 5.5  6.1  Section 19.7 & 19.8 & 20.1 &20.2  Chap 16  Sections 30.1 & 30.2 & 31.1 & 31.2 & 31.3  32.3  Section 58.1.2.2  New section 58-2.9  90.2.8.2  & 90.2.8.4  & 90.2.8.5  & 90.2.8.6  90.2.1.7  90.2.2.4  90.2.2.9  90.2.2.14  91.1.1.X  & 92.5.1  91.1.2.1  & 91.1.2.2  91.1.1.5  91.2.3.1.1 &  91.2.3.1.2 | Combination of test cases 5.5.1 & 5.5.2 and 5.5.3 & 5.5.4  Changing format of test procedure and expected bevavior  And clarification note on data throughput testing (FT60-046)  Format of test procedure and expected behaviour in a table for better reading of testers (FT60-047)  Improvement on test procedure and expected behaviour format (FT60-018)  Improvement on test cases related to throughput and mobility  +  Test case title changed (FT60-048)  Improvement on test’s initial configuration (FT60-013)  New section RCS UP1: Configuration  Enable / Disable RCS services (FT60-038)  Improvements on test procedure and expected behaviour (FT60-011)  Improvement on expected behaviour for VxLTE call establishment procedure (FT59-012)  New test case : MO Video Call – To CS Client  Improvement on test procedure and expected behaviour for better reading of the tests (FT60-027)  Correction of Incorrect test case and Consolidating IP-CAN test cases (FT60-034)  To ease test case procedure  Improvement on test cases VxLTE emergency call (FT60-040) |
| V22 | Annex L | 91.2.3.1.3 &  91.2.3.1.4  91.6.4.15  90.1.1.2 &  90.1.1.3  91.2.5.7 &  91.2.5.8 &  91.2.5.3 &  91.2.5.4  90.2.2.11  91.2.3.1.5 &  91.2.3.2.4 | Addition of new test cases VxLTE Emergency call  -invalid UICC  -Limited service mode  (FT60-040)  Addition of new test case: To verify the DUT can perform SRVCC handover to the CS network before alerting correctly. (FT60-039)  Correction test cases ( duration time corrected for re -registration (FT60-037)  Correction of test cases description and expected behaviour (FT60-042)  & (FT60-043)  Improvement of test case and Add check point of RTCP packet and scenario of MT(FT60-044)  Addition of VxLTE Emergency call for Roaming scenario and  Addition of new test cases for VxLTE EC when network not support the EMC (FT60-045) |
| V23 | Annex A  Annex B  Annex C  Annex D  Annex E  Annex F  Annex L | See section in annex G  32.2.7  37.2 & 37.3  30.1.2.6 & 30.2.1.1  58-2.4.15 &58-2.7.4  58-2.3  All sections  91.5.1 & 91.5.2  90.2.3.4  91.6.4.8  90.2.8.1  90.2.4.1 &90.2.4.2 &90.2.4.3  90.4.8.1.2  90.4.2.1/2 | Archive of test cases (FT61-037)  Archive of test cases (FT61-037)  Archive of test cases (FT61-037)  Adding new test case data usage with Roaming data off (FT61-043)  Move VoLTE with CA to Annex L (FT61-011)  Test case was incorrectly changed in v22 (FT61-029)  Minor editorial fixes (FT61-009)  Minor editorial fixes (FT61-013)  Test case has been archived. Please refer to TS.11 v22.0 for the full test procedure. A copy of which can be requested by emailing terminals@gsma.com  Test case has been archived. Please refer to TS.11 v22.0 for the full test procedure. A copy of which can be requested by emailing terminals@gsma.com  Move VoLTE with Carrier Aggregation to Annex L (FT61-034)  Complete the test scenario for MO video call with Customized Alerting Tone (FT61-035)  Update the SRVCC during alerting test case for video CAT (FT61-028)  Improvement of test case: Voice and Video Call Interworking-Request Cancelled (FT61-038)  Editorial corrections (FT61-018)  Editorial corrections (FT61-021)  Editorial corrections (FT61-022) |
| V23 | Annex L | 90.4.9.1/2/3/4/5  90.4.7 & 90.4.10  90.2.3.1/2/3  91.4.2.1/2  90.2.8.7  90.2.8.8  92.1.1.1/2/3  91.1 &  91.5 &  92.6 | Call Hold procedure improvement (FT61-018)  Comm. Diversion /Comm Barring title change (FT61-020)  Test case improvement (FT61-023)    USSD Over SG chapter change test (90.4.15.1/2 moved to 91.4.2.1/2) (FT61-024)  Moving test cases from (90.2.2.5 and 90.2.1.14 to new tests in 90.2.8 section) (FT61-025)  Improvement of test cases VoWiFi (FT61-030)  Minor fixes on IMS tests (FT61-032) |
| 24 | Annex A  Annex B  Annex C  Annex D  TS11 Cover  Annex L  Annex M | 6.1. & 6.2 & 6.3  20.1 & 20.2 & 20. 3  19.2.4  30.1 & 30.2 & 30.5  52.3.2  53.1  Reference section  91.2.4 & 91.2.5  90.1 & 90.3 & 91.5  91.1.2.1 & 91.1.2.2  90.4.12.1  90.4.14.1 & 90.4.14.2 & 90.4.14.3  90.2.2.9  91.2.6.11 & 91.2.6.12  92.6.1.4  100.1.1 & 100.1.2  101.6 | Test cases mobility on section 6.1 and 6.2 have been remove and replaced by new section 6.3 (FT62-039)  Test cases mobility on section 20.1 and 20.2 have been remove and replaced by new section 20.3 (FT62-039)  Correction of test case the linked video to be changed by using YouTube HD video (FT62-041)  Test cases mobility on section 30.1 and 30.2 have been remove and replaced by new section 30.5 (FT62-039)  Additional details and test case procedures for IPv6-only testing (FT62-016)  Correcting the test case expectation for network name display (FT62-040)  Adding new reference Annex L (IMS) and Annex M (5G) (FT62-012) & (FT62-013)  Minor correction on test procedure ( deletion of message received on precondition within tag) (FT62-011)   * Fix of periodic SIP signalling * Simplification of SMS SIP checks * Simplification of MT call test by removing optional test step. * Editorial fix of text colour.(FT62-018)   Correcting the test case expectation for IMS de-registration (FT62-022)  update test scenario for Message Waiting Indicator (FT62-023)  Correcting the test case naming (FT62-024)  Correcting the test case description (FT62-025)  Absolute performance measurement for video call establishment : addition of two new test cases (FT62-034)  Correction of test case (FT62-037)  New test cases for attach and detach EPS services and combined attach and Detach (FT62-044)  Basic EPC services (FT62-036) |
| 25 | Annex A  Annex C  Annex D  Annex L  TS11 Cover  Annex M | 6.3.5  32.3.2.1 & 2  Section 58  90.2.8.1 & 9  92.1 & 92.5  Annex H  100.4  102.4  101.3  102.1  100.5  102.3  101.6.2  101.7.1-2-3 | Addition of new test case for mobility ( PDP Deactivated) (FT63-006)  Update on advertised throughput for LTE Cat 1 to 5 (FT63-010)  Updating the RCS Testcase Section 58 to reflect recent changes in the RCS Eco System. Several Features were or are going to be dropped, so testing needs to be aligned (FT63-026)  Correction of wrong test case numbering and fixed of mistake on removal of test case. (FT63-007)  Update test scenario for VxWiFi test cases (FT63-033)  5G abbreviations added to Glossary, Annex H (FT63-030) & (FT63-018)  New test cases for Network selection automatic mode and manual mode (FT63-013)  New test cases for Mobility test cases 5G option 2 (FT63-027)  Addition of new test cases for Multi Rat dual carrier-option 3 (FT63-014)  Addition of new test cases Tracking Area Update ( EPC) (FT63-019)  Addition of test cases network selection (FT63-028)  Addition of test case Mobility for 5G NR option 3 (EN-DC) (Reselection ,Release with Redirect and Handover) (FT63-034)  Combination of test cases into a single test with different scenarios test cases eMBB services and performance (5 scenarios HTTP browsing, Buffering TV Streaming, Live Streaming, Online Gaming, FTP UL/DL) (FT63-035)  Adding test coverage of basic services for 5G Option 2,5,7 and 4 (FT63-036) |
| 26 | Annex A  Annex B  Annex C  Annex D | 3.3.2  17.3.2  30.1.1.8  30.1.2.3  32.4  40.2  40.2.1  40.2.2  40.2.3  40.1.1.1 &2  40.1.2.1  42.9.1.1&2  42.9.2.1  41.2.5  41.2.8.4  57.1.5.1 &2  57.1.6.1&2&3&7  58-2.4.1&2  58-2.4.9  42.8.1.1&2  42.8.2.1 &2  Section 51 & 59  56.1 &56.2 | Streamlining of tests to avoid duplication of testing. (FT64-038)  Streamlining of tests to avoid duplication of testing. (FT64-038)  Removal of OFFLINE wording and restructure to new table layout (FT64-037).  New test cases : for ensure the downlink data performance for TD-LTE device enabling UE transmit antenna selection (FT 64-047)  Alignment of EM call tests to allow for testing with UICC and eUICC ( FT64-043)  Improvement of test cases(FT64-042)  New test cases ( FT64-042)  Improvement of 3 test cases (FT64-040)  Deletion of test cases ( not applicable for eUICC devices) FT64-040  Improvement of test cases SMSP (for eUICC) ( FT64-039)  Improvement of test case for phonebook to make them testable with eUICc device ( FT64-039)  Improvement of RCS test cases ( FT64-036)  Improvement of test cases (test procedure and title changed) (FT64-028)  VoLTE and VoWiFi section werer transferred to annex L and now they are voided in annex D ( FT64-010)  Test cases of Steering of roaming revisited to enable test to be executed with non removal eSIm devices ( 4 test cases deleted and 1 new test case built) (FT64-016) |
|  | Annex L  Annex M | 90.2.1.3 90.1.4  90.2.1.12  90.2.1.13  102.2  100.2  101.6.1 | Alignment with basic call tests in Annex D. Wording changed to ‘non-cellular’ when calling a non mobile device. ( FT64-009)  Addition of new test cases registration/notification Area update (5GC) (FT64-007)  New Test cases for Deregistration option 2 ( FT64-033)  Modification test procedure (FT64-035) |
| 27 | Cover  Annex B  Annex C  Annex D  Annex L  Annex M | Table of contents  Glossary  16.4.1  30.1.1  30.3.2.1  32.1.4  57.1.6.7  56.1 & 56.2  91.1.1.4  100.1.1.1; 100.1.1.10; 100.2.1.6  101.1.1 & 101.3.1.3 | Addition of Contains in different annexes ( FT65-006)  Helps identify what an eUICC is (FT65-023)  Correcting the test case description for Network selection allowing execution on the devices with non-removable eUICC ( FT65-014)  Roaming test cases improvement on the expected behaviour to better match with LTE and 5G (option 3) scenarios although they were archived (FT65-010)  Correcting the test case description for Network selection allowing execution on the devices with non-removable eUICC (FT65-015)  Improvement of test case ( FT65-020)  Phonebook – UICC eUICC PB Memory Full imporvement of test case ( FT65-007)  Addition of Steering of Roaming test cases ( FT65-022)  Improvement of test case ( FT65-020)  Correcting the test case description for EPS Attach  Adding TCs for PS Data services |
| V28 | Annex A  Annex L  Annex M | 3.1.1 & 4.1.1  91.1.1.3  91.2.3.3.  91.1.2.1  91.1.2.2  91.1.2.3  102.4  101.2  100.2.3  102.3. | Simplification of test procedure by combining the tests.(FT 66-012)  ( 3.1.2 and 4.1.2 removed and those test scenario are now covered in 3.1.1 & 4.1.1)  Split test case for bearer activation unsuccessful when VxLTE not supported by network and create new test case for EM call when VxLTE not supported by network. (FT65-019)  Improvement on test case procedure related to server time expiry for the two first test cases and addition of new test 91.1.2.3 (FT65-005)  Adding test cases for voice call in handover scenario (FT65-008)  Adding a new test case for establishment of multiple PDU sessions (FT65-014)  Adding test case for registration reject cause#27 in SA Option 2 ( FT65-017)  Update of test scenario: removal of data transfer test in all scenarios (FT65-018) |
| V29 | Annex A  Annex B  Annex C  Annex D  Annex M | 2  4.2.1 & 4.2.2  16  17.1.1 & 18.1.1 & 18.1.2  30  30.1.1.1 & 30.1.2.1& 30.1.2.6  58-2  58-2.1 to 58-2.5  59-1  100.1.1.1 & 100.1.1.8  100.1.2.1 &  100.1.2.3  101.6.2  101.7.1  101.6.2  100.1.2.6 | Network Selection test cases in this chapter are moved to annex D 59-1 ( FT 67-027)  Combined attach/detach test cases in 4.2.1 and removed test case 4.2.2 (FT67-014)  Network Selection test cases in this chapter are moved to annex D 59-1 ( FT 67-027)  Combined Attach/Detach Merged (FT67-013)  Network Selection test cases in this chapter are moved to annex D 59-1 ( FT 67-027)  Combined Attach/Detach Merged (FT67-012)  RCS UP: Streamline of RCS test procedures so the wording regarding the different states used (online / registered / offline etc) are consistent throughout the sections.(FT67-011)  Adding new chapter for all test cases related to Network selection regardless the RAT (FT 67-027)  Merging of Attach and Detach tests for simplification (FT67-015)  Improving test procedure (FT67-023)  Improving test procedure and adding one scenario  101.7.1.F : Make IMS Video Call (FT67-024)  Fixing reference issues and confusion with scenario and test procedure (FT67-025)  Adding new test case : Combined EPS Attach unsuccessful for 5G services (FT67-028) |
|  | All | Title names | All Annexes’ name have been changed |
| V30 | Annex A  Annex B  Annex M | 5.2.1  5.2.6  19.1.3  102.3  101.7  101.1.1.2 to 101.1.1.9  101.1.2.4 & 101.1.2.5  101.1.1  101.6.3  101.3.1 | Two test cases have been set to void and one new test case created (5.2.1.4)  Test case 5.2.6 is enhanced and set in table format FT 68-018  Two test cases have been removed and a new test case created 19.1.3.3  19.1.10 is enhanced and set in table format FT68-019  Deletion of 2 scenarios 102.3.1 & 102.3.2 and addition of new scenario 102.3.4 5 FT 68-009  Update of missing part not implemented FT68-014  Deletion of test cases already covered in E-UTRA section FT68-021  Update of test 101.1.1 and addition 101.1.2 new test FT 68-025  Modification of eMBB: Service & Performance (EPC) Test Cases for Simplification and Improvement FT 68-027  Modification of Test Cases under Multi RAT Dual Carrier – Option 3(EPC) for simplification and improvement FT 68-032 |
| 31 | Annex A  Annex B  Annex C  Annex D  Annex L  Annex M | 5.5.1 & 5.5.4  19.7 & 19.8  32.3.1.1 & 32.3.1.2  32.3.2.1 & 32.3.2.2  52.1 & 52.3.2  91.1 & 91.2  102.3  101.7  Introduction | Improvement of tests stationary data throughput for uplink or downlink (FT70-022)  Improvement of data throughput test cases (initaila condition, test procedures and expected behaivior sections) (FT20-023)  Improvement of data throughput test ( FT20-024)  Adding data throughput advertising value for CAT1 bis devicds ( FT20-010)  Correct verification of IPV6 only network (FT20-025)  Addition of new test cases and improvement of 2 test cases ( roaming allowed test/ bearer activated deactivated MO Call and Video Call ) (FT20-021)  Addition of test scenario for 5G FDD handovers ( FT20-015)  Simplify the eMBB service and performance test procedure for 5GC ( FT20-020)  Embeeding an applicability table which shows the applicability of test case on various deployment options of the DUT and NW ( FT20-027) |
| V32 | Annex A  Annex B  Annex D  Annex M | 3.2.2  17.2.2  42  57  102  101.3 | Correction to the expected protocol steps.  Location Update Accept should be with lac “B”  (i.e. different from the request) ( FT71-019)  Correction to the expected protocol steps.  Location Update Accept should be with lac “B”  (i.e. different from the request) ( FT71-019)  Supplementary services :  Additional test scope, especially for modules and other devices without a traditional screen (FT71-008)  Supplementary services:  Pin handling (FT71-018)  Registration and Deregistration test cases still have "Scenario" headings. Update the test cases to align with the rest of the document. (FT71-007)  improve the test criteria for 5GNR testing in NR FDD/DSS (Dynamic spectrum sharing) networks –( FT71-010) |
| 33 | Annex A  Annex B  Annex C  Annex L  Annex M  Annex D | 3.1.1 & 4.1.1 & 4.2.1  5.6.5  17.1.1 & 18.1.1 & 18.2.1  30.1.1.1 & 30.1.2.1 &  30.1.2.6  93 -new section IMS VxNR  101.3  100.1.2. & 101.6 & 102.3  101.7.3  100.5.1 & 100.5.2  58-2.3  58-2.4  58-2.2 | Combine attach / detach for power on/off and flight mode on/off to align with the procedure in Annex M 5G NR (FT 72-008)  New test case for removal of GEA1 as supported GPRS encryption algorithms (FT72-039)  Combine attach / detach for power on/off and flight mode on/off to align with the procedure in Annex M 5G NR ( FT72-009)  Combine attach / detach for power on/off and flight mode on/off to align with the procedure in Annex M 5G NR ( FT72-010)  Additing new section and new test cases IMS VxNR test case 93.1.1 ( FT72-032)  Improvement of test case description on bandwidth condition & removal one test case 101.3.1.7 ( FT72-013)  Addition of Test for Dynamic Spectrum Sharing for EN-DC configuration missing ( FT72-015)  Test cases still had scenarios are now converted them into test case numbers:uRLLC: Service & Performance (5GC) is now split into test cases. ( FT72-030)  Test case procedures of network selection are identical across all RAT. Test cases were already described and improved in annex D. Remove network selection test cases for 5GC in annex M to avoid duplication.(FT72-006)  Adding new test cases for 1-1 message section. Rich Communication Services Universal Profile 1.0 (RCS UP1.0 & UP2.4) ( FT 72-017)  Adding new test cases for group chat section. Rich Communication Services Universal Profile 1.0 (RCS UP1.0 & UP2.4) ( FT72-018)  Adding new test cases for Capability Discover and Service Availability section. Rich Communication Services Universal Profile 1.0 (RCS UP1.0 & RCS UP2.4) ( FT72-019) |
|  | Annex D | 58-2.5  58-2.4  58-2.5  58-2.3  59.1  59.1 | Adding new test cases for file transfer section-Rich Communication Services Universal Profile 1.0 (RCS UP1.0 & UP 2.4) (FT72-043)  Modification of existingtest cases for group chat section. Rich Communication Services Universal Profile 1.0 (RCS UP1.0) and adding UP2.4 reference ( FT72-041)  Modification of existing test cases for file transfer section. Rich Communication Services Universal Profile 1.0 (RCS UP1.0) and adding UP2.4 reference (FT72-042)  Modification of existing test cases for 1-1 message section. Rich Communication Services Universal Profile 1.0 (RCS UP1.0) and adding UP2.4 reference (FT72-044)  Test case was written for GSM/WCDMA only. Adding LTE and 5G-NR into the test case as it is network independent.(FT72-037)  Addition of network selection test cases for the multiple PLMN environment (FT72-038) |
| 34 | Cover  Annex L  Annex D | Introduction  92.6.2  92.6.5  91.2.3.1.2  93.1  91.1.1.8  58-2.2  58-2.3  58-2.4 | Explicit statement is required that TS.11 is applicable to Single SIM devices and TS.42 for Multi SIM devices (FT73-018)  Addition of VxLTE <-> VxWiFi interworking test cases in roaming ( FT73-014)  Test case improvement: correction to Incorrect test case expectation leading to wrong test results ( FT73-015)  VoNR : addition of new test cases ( FT73-016)  Addition of test case for media restriction while roaming ( FT73-019)  Add new test cases for Capability Discover and Service Availability section. Rich Communication Services Universal Profile 1.0 and 2.4 (FT73-009)  Update test case 1-1 message section to add reference UP1 and UP2.4 (FT73-010)  Update test case group chat section to add reference UP1 and UP2.4 (FT73-011) |
| 35 | Annex A  Annex B  Annex D  Annex L | All  All  58-2.10  93.1 & 93.2 & 93.5 & 93.6 | Editorial change fixing typos, wrong numbering, updating Core Specifications (FT74-009)  Editorial fixes (FT74-010)    New features of RCS chatbot UP2.5 are added ( FT74-015)  Adding new test cases for system access & registration , Basic calls, Services Interworking, Mobility ( FT74-013) |
| 36 | Annex C  Annex L  Annex L  Annex N (new) | All  93.1 to 93.4  91.1.1  110.1 &110.2 | Editorial fixes (FT75-016)  Addition of new VoNR test cases (FT75-013)  Correction of VoLTe test case (FT75-014)  New annex created and new test cases added for Mission Critical Services Field trials (FT75-009) |
| 37 | Annex A  Annex N  Annex D  Annex L | section 5.6.3, 5.6.5, 5.6.6  All  All  58-2.10.2.1  58-2.10.4.3  58-2.10.4.9  58-2.10.7.10  58-2.10.4.11  90.2.5  90 except 90.2.5  92.6 | Removal of GEA2 as supported GPRS encryption algorithms (FT76-035)  Editorial fixes (FT76-009)  Editorial fixes (FT76-034)  Fix on Chatbot test case to add features of UP 2.5 ( FT76-015)  Fix on Chatbot test case to add features in UP 2.5.(FT76-031)  Fix on Chatbot test case to add features in UP 2.5.(FT76-032)  Adding new test case chatbot (FT76-039)  Adding new test case chatbot (FT76-038)  Improvement of the test case description in case of missing preconditions (FT76-018)  Addition of VxNR access technology in IP-CAN test cases (FT76-019)  Addition of new test cases for VxWiFi<->VxNR interaction (FT76-021) |
| 38 | Annex C  Annex L  Annex M | 32.1.4  93.6.2.3 & 93.6.2.4  101.3.1.7  106.4  102.4 | Test case added: Multiple PDN Connections - PDN Connectivity Reject, Missing or unknown APN (FT77-009)    Addition of two VoNR test cases for mobility section  Test case removed by accident in previous versions and added again 101.3.1.7 Use of VoLTE Services in EN-DC mode (FT77-011)Addition of new test cases for Carrier Aggregation Mobility Test for 5G NR Option 2 (FT77-020) Modification: Change of test case precondition for IRAT test cases (FT77-021) |
| V39 | Annex K  Annex D | All  58-2.8  58-2.10  All | All test case archived (FT78-021)  Update test cases for enriched calling( FT78-022)  Update RCS chat bot session for re-wording : “session” is updated to “conversation” and deletion of conformance test cases (FT78-010)  Editorials correction ( FT78-012) |
| V40 | Annex B  Annex C  Annex L  Annex L  Annex M  Cover  Annex E  Annex F  Annex I | 19.7.5 & 19.8.5  32.3.1.3  Doc title (section)  92.6.1.3  106.1. & 106.2  Section content  All  All  All | Test procedure improvement in accordance with Action Item 78/04 (replacing the FTP by UDP) 5 FT79\_024)  Test procedure improvement in accordance with Action Item 78/04 (replacing the FTP by UDP) 5 FT79\_025)  Correcting the name of Annex L to include VxNR section 93 (FT79\_019)  Correction of wrong VxWiFI test procedure (FT19\_021)  Addition of new TCs improving 5G test cases for carrier aggregation (FT79\_016)  Adding VxNR into TS11 cover (contents section) (FT79\_020)  Archive of test cases that are not actively used for device testing (FT79\_023)  Archive of test cases that are not actively used for device testing (FT 79\_022)  New TS11 change request template (CR template V13 Sept 2022) (FT79\_018) |

| Version | Annex | Record of changes made to previous version | |
| --- | --- | --- | --- |
| Section | Comment |

|  |  |  |  |
| --- | --- | --- | --- |
| 41 |  |  |  |
|  | C |  |  |
|  |  | 30.4 | New chapter related to UE security and mandatory algorithms (FT80\_028) |
|  |  | 30.1.1.2 | Adding a test scenario of Timer 3247. Timer 3247 could lower the impact of attacks launched by a false base station manipulating EMM cause (FT80\_029) |
|  | D |  |  |
|  |  | 58-2.10.1.4/6  58.2.10.4.9 | Updated test cases for Chatbot. The typos were modified, the “session” is updated to “conversation”, the conformance test cases are removed (FT80\_015) |
|  |  |  |  |
|  | L |  |  |
|  |  | Section 93 | Editorial fixes (FT80\_011) |
|  |  | 91.2.3.1.5 | splitting IMS Emergency call testing while roaming in two scenarios in order to properly assess the UE behavior (FT80\_012) |
|  | M |  |  |
|  |  | 101.7.1.4 | Test case 101.7.1.3 & 101.7.1.4 are remùoved because incomplete test case description in 5G NR Option 2 section plus dedicated annex for VxNR (FT80\_013) |
|  |  | 105 | Addidition of knowledge base definition in CA section (FT80\_014) |
|  |  | 100.6 | Adding new chapter and 2 test cases for security feature Option 3 (FT80\_017) |
|  |  | 100.6.3 | Addition of test case related to SUCI and SUPI(FT80\_024) |
|  |  | 100.2.4 | Adding a test case of Timer 3247 (FT80\_027) |
|  |  |  |  |

# Document Management

## Document History

| Version | Date | Brief Description of Change | Approval Authority | Editor / Company |
| --- | --- | --- | --- | --- |
| Initial to 11.6 |  | Rev. of this PRD as described in Annex J, approved at TSG FT#xx |  | Hajo Schulze / Vodafone |
| 11.7 | 26/03/2014 | Rev. of this PRD as described in Annex J, approved at TSG FT#45 | TSG#15 | Momar Goumballe / Orange |
| 11.8 | 26/06/2014 | Rev. of this PRD as described in Annex J, approved at TSG FT#46 | TSG#16 | Momar Goumballe / Orange |
| 12.0 | 07/10/2014 | Rev. of this PRD as described in Annex J, approved at TSG FT#47 | TSG#17 | Momar Goumballe / Orange |
| 12.1 | 19/12/2014 | Rev. of this PRD as described in Annex J, approved at TSG FT#48 | TSG#18 | Momar Goumballe / Orange |
| 12.2 | 18/03/2015 | Rev. of this PRD as described in Annex J, approved at TSG FT#49 | TSG#19 | Momar Goumballe / Orange |
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| 14.0 | 16/09/2015 | Rev. of this PRD as described in Annex J, approved at TSG FT#51 | TSG#21 | Momar Goumballe / Orange |
| 14.1 | 09/12/2015 | Rev. of this PRD as described in Annex J, approved at TSG FT#52 | TSG#22 | Momar Goumballe / Orange |
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| 19.0 | 14/03/2017 | Rev. of this PRD as described in Annex J, approved at TSG FT#57 | TSG#27 | Momar Goumballe / Orange |
| 20.0 | 11/07/2017 | Rev. of this PRD as described in Annex J, approved at TSG FT#58 | TSG#28 | Momar Goumballe / Orange |
| 21 | 03/10/2017 | Rev. of this PRD as described in Annex J, approved at TSG FT#59 | TSG#29 | Momar Goumballe / Orange |
| 22 | 26/12/2017 | Rev. of this PRD as described in Annex J, approved at TSG FT#60 | TSG#30 | Momar Goumballe / Orange |
| 23 | 26/03/2018 | Rev. of this PRD as described in Annex J, approved at TSG FT#61 | TSG#31 | Momar Goumballe / Orange |
| 24 | 26/06/2018 | Rev. of this PRD as described in Annex J, approved at TSG FT#62 | TSG#32 | Momar Goumballe / Orange |
| 25 | 29/09/2018 | Rev. of this PRD as described in Annex J, approved at TSG FT#63 | TSG#33 | Momar Goumballe / Orange |
| 26 | 19/12/2018 | Rev. of this PRD as described in Annex J, approved at TSG FT#64 | TSG#34 | Momar Goumballe / Orange |
| 27 | 27/03/2019 | Rev. of this PRD as described in Annex J, approved at TSG FT#65 | TSG#35 | Momar Goumballe / Orange |
| 28 | 03/07/2019 | Rev. of this PRD as described in Annex J, approved at TSG FT#66 | TSG#36 | Momar Goumballe / Orange |
| 29 | 25/09/2019 | Rev. of this PRD as described in Annex J, approved at TSG FT#67 | TSG#37 | Momar Goumballe / Orange |
| 30 | 24/09/2019 | Rev. of this PRD as described in Annex J, approved at TSG FT#68 | TSG#38 | Momar Goumballe / Orange |
| 31 | 30/06/2020 | Rev. of this PRD as described in Annex J, approved at TSG FT#70 | TSG#40 | Momar Goumballe / Orange |
| 32 | 04/10/2020 | Rev. of this PRD as described in Annex J, approved at TSG FT#71 | TSG#41 | Momar Goumballe / Orange |
| 33 | 18/12/2020 | Rev. of this PRD as described in Annex J, approved at TSG FT#72 | TSG#42 | Momar Goumballe / Orange |
| 34 | 7/04/2021 | Rev. of this PRD as described in Annex J, approved at TSG FT#73 | TSG#43 | Momar Goumballe / Orange |
| 35 | 18/06/2021 | Rev. of this PRD as described in Annex J, approved at TSG FT#74 | TSG#44 | Momar Goumballe / Orange |
| 36 | 20/09/2021 | Rev. of this PRD as described in Annex J, approved at TSG FT#75 | TSG#45 | Momar Goumballe / Orange |
| 37 | 03/01/2022 | Rev. of this PRD as described in Annex J, approved at TSG FT#76 | TSG#46 | Momar Goumballe / Orange |
| 38 | 08/03/2022 | Rev. of this PRD as described in Annex J, approved at TSG FT#77 | TSG#47 | Momar Goumballe / Orange |
| 39 | 18/07/2022 | Rev. of this PRD as described in Annex J, approved at TSG FT#78 | TSG#48 | Momar Goumballe / Orange |
| 40 | 18/10/2022 | Rev. of this PRD as described in Annex J, approved at TSG FT#79 | TSG#49 | Momar Goumballe / Orange |

## Other Information

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