3GPP TS 34.121-2 V12.4.0 (2016-09)

Technical Specification

3rd Generation Partnership Project;

Technical Specification Group Radio Access Network;

User Equipment (UE) conformance specification;

Radio transmission and reception (FDD);

Part 2: Implementation Conformance Statement (ICS)

(Release 12)

 

The present document has been developed within the 3rd Generation Partnership Project (3GPP TM) and may be further elaborated for the purposes of 3GPP.   
The present document has not been subject to any approval process by the 3GPPOrganizational Partners and shall not be implemented.   
This Specification is provided for future development work within 3GPPonly. The Organizational Partners accept no liability for any use of this Specification.  
Specifications and reports for implementation of the 3GPP TM system should be obtained via the 3GPP Organizational Partners' Publications Offices.

Annex C (informative):  
Change history

| Meeting-1st-Level | Doc-1st-Level | CR | Rev | Subject | Cat | Version-Current | Version-New | Doc-2nd-Level |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | - | - | - | Draft version 0.0.1 based on iWD-004\_v005 and TS 34.123-2 v6.1.0. | - | N/A | 0.0.1 |  |
| RP-31 | RP-060055 | - | - | For approval as Rel-7 version at RAN plenary | - | 2.0.0 | 7.0.0 | R5-060444 |
| RP-32 | RP-060329 | 0001 | - | Addition of new test cases from RAN5#30 and correction to applicability | F | 7.0.0 | 7.1.0 | R5-061425 |
| RP-32 | RP-060332 | 0002 | - | Addition of new Rel-6 test cases introduced in RAN5#31 | F | 7.0.0 | 7.1.0 | R5-061446 |
| RP-33 | RP-060549 | 0003 | - | Correction of applicability for RF test case 6.5 (narrow band blocking requirement) | F | 7.1.0 | 7.2.0 | R5-062127 |
| RP-33 | RP-060549 | 0004 | - | Addition of applicability for new test cases | F | 7.1.0 | 7.2.0 | R5-062453 |
| RP-33 | RP-060567 | 0005 | - | New Rel-6 RRM test case: 8.3.8 Serving HS-DSCH cell change | F | 7.1.0 | 7.2.0 | R5-062232 |
| RP-33 | RP-060549 | 0006 | - | Correction of applicability for RF test case 6.7 | F | 7.1.0 | 7.2.0 | R5-062416 |
| RP-34 | RP-060735 | 0007 | - | Addition of new condition for TC 6.3A in section 4 | F | 7.2.0 | 7.3.0 | R5-063459 |
| RP-34 | RP-060732 | 0008 | - | Addition of PICS parameter ‘speech’ and new condition for TC 8.3.4 in section 4 and Annex A.4.2 | F | 7.2.0 | 7.3.0 | R5-063460 |
| RP-34 | RP-060735 | 0009 | - | Addition of new test case 5.13.1AA | F | 7.2.0 | 7.3.0 | R5-063424 |
| RP-34 | RP-060743 | 0010 | - | Applicability of new UE Transmission Power Headroom test case | F | 7.2.0 | 7.3.0 | R5-063442 |
| RP-35 | RP-070097 | 0011 | - | Correction to 34.121-2: Introduction of applicability for 2ms TTI E-DCH E-TFC restriction test case | F | 7.3.0 | 7.4.0 | R5-070571 |
| RP-35 | RP-070090 | 0012 | - | Applicability of new MBMS RF and RRM test cases | F | 7.3.0 | 7.4.0 | R5-070554 |
| RP-35 | RP-070094 | 0013 | - | Correction to 34.121-2: Introduction of FDD Band X (Extended UMTS 1.7/2.1 GHz) for transmitter and receiver characteristics test cases | F | 7.3.0 | 7.4.0 | R5-070167 |
| RP-36 | RP-070344 | 0014 |  | Addition of vibration condition to 34.121-2 | F | 7.4.0 | 7.5.0 | R5-071158 |
| RP-36 | RP-070363 | 0015 |  | Correction to title for MBMS RRM TC 8.3.6.3 | F | 7.4.0 | 7.5.0 | R5-071248 |
| RP-36 | RP-070363 | 0016 |  | Applicability of MBMS New test case: Cell Reselection during an MBMS session, one frequency present in neighbour list | F | 7.4.0 | 7.5.0 | R5-071301 |
| RP-36 | RP-070350 | 0017 |  | CR to 34.121-2:Introduction of test cases for multi-path fading intra-frequency cell identification | F | 7.4.0 | 7.5.0 | R5-071348 |
| RP-36 | RP-070350 | 0018 |  | CR to 34.121-2:Introduction of test case UE Transmitted Power (Rel-5 and later) | F | 7.4.0 | 7.5.0 | R5-071368 |
| RP-36 | RP-070344 | 0019 |  | Addition of informative Annex for FDD/GSM band combinations for Inter-RAT RRM test cases | F | 7.4.0 | 7.5.0 | R5-071495 |
| RP-37 | RP-070596 | 0020 | - | Correction to TC 9.4.2A applicability | F | 7.5.0 | 7.6.0 | R5-072178 |
| RP-37 | RP-070593 | 0021 | - | Corrections to the applicability for some HSDPA tests | F | 7.5.0 | 7.6.0 | R5-072225 |
| RP-37 | RP-070600 | 0022 | - | UE performance requirements for high speed train | F | 7.5.0 | 7.6.0 | R5-072282 |
| RP-37 | RP-070597 | 0023 | - | CR to 34.121-2:Addition of test cases for Inter Frequency Cell identification | F | 7.5.0 | 7.6.0 | R5-072407 |
| RP-37 | RP-070593 | 0024 | - | CR to 34.121-2:Correction of test cases for UE Transmitted Power | F | 7.5.0 | 7.6.0 | R5-072367 |
| RP-37 | RP-070617 | 0025 | - | Applicability of new test case for demodulation of MTCH and enhanced performance requirement 1 | F | 7.5.0 | 7.6.0 | R5-072411 |
| RP-37 | RP-070593 | 0027 | - | CR to 34.121-2:Addition of test cases missing from applicability | F | 7.5.0 | 7.6.0 | R5-072412 |
| RP-37 | RP-070600 | 0028 | - | Production of 34.121-2 Rel-7 pointer version to point to Rel-8 of the spec | F | 7.5.0 | 7.6.0 | R5-072592 |
| RP-37 | RP-070599 | 0026 | - | Introduction of FDD Mode Test frequencies for Operating Band XI (UMTS1500) | F | 7.5.0 | 8.0.0 | R5-072398 |
| RP-38 | RP-070876 | 0029 |  | Correction of applicability of HSDPA tests testing UE supporting enhanced performance type 3. | F | 8.0.0 | 8.1.0 | R5-073121 |
| RP-38 | RP-070876 | 0030 |  | Applicability of new test cases: EDCH tests with enhanced performance requirements type 1 | F | 8.0.0 | 8.1.0 | R5-073330 |
| RP-38 | RP-070872 | 0031 |  | CR to 34.121-2: Introduction of new Downlink Compressed Mode Layer 1 (Release 6 and later) Applicability | F | 8.0.0 | 8.1.0 | R5-073358 |
| RP-38 | RP-070872 | 0032 |  | CR to 34.121-2: Introduction of new UE Rx-Tx Time Difference type 1 (Release 6 and later) Applicability | F | 8.0.0 | 8.1.0 | R5-073359 |
| RP-38 | RP-070872 | 0033 |  | CR to 34.121-2: Introduction of new Constant BLER Target Requirements using DL Reference Measurement Channel 2 (64 kbps) Applicability | F | 8.0.0 | 8.1.0 | R5-073075 |
| RP-38 | RP-070872 | 0034 |  | CR to 34.121-2: Introduction of new Power Control in the Downlink, Wind Up Effects (Release 6 and later) Requirements Applicability | F | 8.0.0 | 8.1.0 | R5-073371 |
| RP-38 | RP-070884 | 0035 |  | Applicability of new 64QAM Test Case: Maximum Input Level for HS-PDSCH Reception (64QAM) | F | 8.0.0 | 8.1.0 | R5-073350 |
| RP-38 | RP-070885 | 0036 |  | Addition of HS-SCCH-less demodulation of HS-DSCH test case | F | 8.0.0 | 8.1.0 | R5-073153 |
| RP-38 | RP-070881 | 0037 |  | Applicability of new MIMO Test Case: Demodulation of HS-DSCH (Fixed Reference Channel): MIMO Performance | F | 8.0.0 | 8.1.0 | R5-073376 |
| RP-39 | RP-080095 | 0038 |  | CR to 34.121-2: Introduction of power control in the downlink for F-DPCH Applicability | F | 8.1.0 | 8.2.0 | R5-080388 |
| RP-39 | RP-080095 | 0039 |  | Correction to 34.121-2 HSDPA tests’ applicabilities for Enhanced Performance type 1 and type 3 terminals. | F | 8.1.0 | 8.2.0 | R5-080246 |
| RP-39 | RP-080093 | 0040 |  | Corrections to applicability of CQI test cases 9.3.1 to 9.3.6 | F | 8.1.0 | 8.2.0 | R5-080251 |
| RP-39 | RP-080107 | 0041 |  | Addition of new test cases for 64QAM Single Link Performance | F | 8.1.0 | 8.2.0 | R5-080264 |
| RP-39 | RP-080108 | 0042 |  | CR to 34.121-2: Introduction of UE Transmitter 16-QAM Applicability | F | 8.1.0 | 8.2.0 | R5-080396 |
| RP-39 | RP-080105 | 0043 |  | Applicability of new MIMO Test case: HS-SCCH Detection Performance: HS-SCCH Type M Performance | F | 8.1.0 | 8.2.0 | R5-080171 |
|  |  |  |  | Completion of history table |  | 8.2.0 | 8.2.1 |  |
| RP-40 | RP-080370 | 0044 | - | CR to 34.121-2: Introduction of Bands XII XIII and XIV (UMTS700 MHz) Applicability | F | 8.2.1 | 8.3.0 | R5-081434 |
| RP-40 | RP-080427 | 0045 | - | CR to 34.121-2: Correction to test case 8.7.3C: UE Transmitted Power Applicability | F | 8.2.1 | 8.3.0 | R5-81438 |
| RP-40 | RP-080364 | 0046 | - | Correction to 34.121-2 HSDPA tests’ applicabilities for Enhanced Performance type 1 type 2 and type 3 terminals. | F | 8.2.1 | 8.3.0 | [R5-081222](file:///D:\Users\RAN5\isi_prod\Tdoc\R5-081222.zip) |
| RP-40 | RP-080365 | 0047 | - | Correction to applicability of MBMS RF performance test case 11.2A | F | 8.2.1 | 8.3.0 | [R5-081448](file:///D:\Users\RAN5\isi_prod\Tdoc\R5-081448.zip) |
| RP-40 | RP-080363 | 0048 | - | Deletion of PICS ‘Support of UE assisted Network Assisted GPS’ from 34.121-2 | F | 8.2.1 | 8.3.0 | R5-081439 |
| RP-41 | RP-080740 | 0049 | - | ICS for TC5.13.1AAA (EVM and IQ offset) | F | 8.3.1 | 8.4.0 | R5-083386 |
| RP-41 | RP-080554 | 0050 | - | Multi\_RAT Capability condition removal | F | 8.3.1 | 8.4.0 | R5-083396 |
| RP-41 | RP-080554 | 0051 | - | Multi\_RAT Capability condition removal | F | 8.3.1 | 8.4.0 | R5-083831 |
| RP-42 | RP-080955 | 0052 | - | Clarification of titles for MIMO test cases 9.3.7A and 9.3.7B | F | 8.4.0 | 8.5.0 | R5-085172 |
| RP-42 | RP-080956 | 0053 | - | Applicability changes for Demodulation of HS-DSCH in 34.121-2. | F | 8.4.0 | 8.5.0 | R5-085734 |
| RP-43 | RP-090204 | 0054 | - | Correction to titles of test cases 3 and 4 in TC 7.9.1 | F | 8.5.0 | 8.6.0 | R5-090092 |
| RP-43 | RP-090203 | 0058 | - | Introduction of requirements for UE UL power control operation with discontinuous UL DPCCH transmission operation | F | 8.5.0 | 8.6.0 | R5-090098 |
| RP-43 | RP-090204 | 0055 | - | Applicability changes to CQI test cases | F | 8.5.0 | 8.6.0 | R5-091072 |
| RP-43 | RP-090218 | 0056 | - | Add applicability for the new test cases in Section 9.3.7 | F | 8.5.0 | 8.6.0 | R5-091096 |
| RP-43 | RP-090218 | 0057 | - | Applicability changes in 34.121-2 for HSDPA demodulation tests | F | 8.5.0 | 8.6.0 | R5-091107 |
| RP-44 | RP-090433 | 0059 | - | Adding test 9.2.3E applicability | F | 8.6.0 | 8.7.0 | R5-092173 |
| RP-44 | RP-090444 | 0060 | - | New HSDPA demodulation test for MIMO + 64QAM into 34.121-2 | F | 8.6.0 | 8.7.0 | R5-092632 |
| RP-44 | RP-090442 | 0061 | - | Applicability of New TC9.2.1L -- Single Link Performance - Enhanced Performance Requirements Type 3i - QPSK, Fixed Reference Channel (FRC) H-Set 6 | F | 8.6.0 | 8.7.0 | R5-092655 |
| RP-45 | RP-090791 | 0062 | - | Correction of ICS proforma tables for test loop mode 1 (UL RLC SDU block size) | F | 8.7.0 | 8.8.0 | R5-094820 |
| RP-45 | RP-090807 | 0063 | - | Update to 34.121-2 | F | 8.7.0 | 8.8.0 | R5-094975 |
| RP-45 | RP-090791 | 0064 | - | Correction to the condition of C\_RF55 of 34.121-2 | F | 8.7.0 | 8.8.0 | R5-094312 |
| RP-45 | RP-090791 | 0065 | - | Removing Table A.3 in TS 34.121-2 | F | 8.7.0 | 8.8.0 | R5-094590 |
| RP-45 | RP-090791 | 0066 | - | Correction of applicability of test case 7.8.1 | F | 8.7.0 | 8.8.0 | R5-094825 |
| RP-45 | RP-090791 | 0067 | - | Change C\_RF51 to void of 34.121-2 | F | 8.7.0 | 8.8.0 | R5-094963 |
| RP-45 | RP-090793 | 1170 | - | Changes to applicabilities of CQI test cases in TS 34.121-2 | F | 8.7.0 | 8.8.0 | R5-094242 |
| RP-46 | RP-091124 | 0068 | - | Updates to Applicability table corresponding to DC-HSDPA tests | F | 8.8.0 | 8.9.0 | R5-096285 |
| RP-46 | RP-091124 | 0069 | 1 | Addition of DC-HSDPA receiver tests into TS 34.121-2 | F | 8.8.0 | 8.9.0 | R5-095930 |
| RP-47 | RP-100159 | 0070 | - | Introduction of enhanced serving HS-DSCH cell change test case into TS 34.121-2 | F | 8.9.0 | 8.10.0 | R5-100142 |
| RP-47 | RP-100139 | 0071 | - | Title change for test case in TC 8.3.5.4 in TS 34.121-2 | F | 8.9.0 | 8.10.0 | R5-100150 |
| RP-47 | RP-100149 | 0072 | - | Updates to test applicability section of 34.121-2 related to DC-HSDPA type3i requirement | F | 8.9.0 | 8.10.0 | R5-100212 |
| RP-47 | RP-100154 | 0073 | - | CR to 34.121-2: Update baseline implementation capabilities with extended UMTS1500 operating bands | F | 8.9.0 | 8.10.0 | R5-100558 |
| RP-47 | RP-100140 | 0074 | - | Applicability corrections and additions for HSDPA test cases | F | 8.9.0 | 8.10.0 | R5-100904 |
| RP-47 | - | - | - | Updated to v9.0.0 with no change | - | 8.10.0 | 9.0.0 | - |
| RP-48 | RP-100519 | 0075 | - | Introduction of E-AI detection performance test case into TS 34.121-2 | F | 9.0.0 | 9.1.0 | R5-103504 |
| RP-48 | RP-100507 | 0076 | - | Including test cases 5.2C and 5.2D into TS 34.121-2 | F | 9.0.0 | 9.1.0 | R5-103508 |
| RP-48 | RP-100521 | 0078 | - | Support for UMTS/LTE 800 MHz for Europe in 34.121-2 | F | 9.0.0 | 9.1.0 | R5-103768 |
| RP-49 | RP-100808 | 0079 | - | Correction 34.121-2 Table 1 TC 7.8.1A\_add test 1 | F | 9.1.0 | 9.2.0 | R5-104189 |
| RP-49 | RP-100810 | 0080 | - | Addition of TC 5.13.2A and TC 5.13.2B into TS 34.121-2 | F | 9.1.0 | 9.2.0 | R5-104374 |
| RP-49 | RP-100811 | 0081 | - | Addition of CQI fading test case for 64QAM UEs into TS 34.121-2 | F | 9.1.0 | 9.2.0 | R5-104381 |
| RP-49 | RP-100811 | 0082 | - | Modification of MIMO CQI fading test case names | F | 9.1.0 | 9.2.0 | R5-104385 |
| RP-49 | RP-100812 | 0083 | - | 34121-2 General update to add-E-UTRA TCs applicability and editorials | F | 9.1.0 | 9.2.0 | R5-104838 |
| RP-49 | RP-100808 | 0084 | - | Correction 34.121-2 TC7.8.1 add test 2 | F | 9.1.0 | 9.2.0 | R5-104841 |
| RP-49 | RP-100811 | 0085 | - | Applicability for TC 5.4.4A (out of synch handling / RX diversity) | F | 9.1.0 | 9.2.0 | R5-104842 |
| RP-49 | RP-100808 | 0086 | - | 34.121-2 Correction to the applicability of test case 9.2.1F, 9.2.1J,9.2.2D, and 9.2.3D | F | 9.1.0 | 9.2.0 | R5-104858 |
| RP-50 | RP-101146 | 0087 | - | Applicability change to TC 9.3.7A and 9.3.7B in TS 34.121-2 | F | 9.2.0 | 9.3.0 | R5-106415 |
| RP-50 | RP-101160 | 0088 | - | Update of applicability of legacy HSDPA performance test cases for UE HS-DSCH Physical Layer category 25 to 28 | F | 9.2.0 | 9.3.0 | R5-106838 |
| RP-51 | RP-110155 | 0089 | - | Correction to the conditions on C\_RF28 and C\_RF33 to include category 7 of HSUPA | F | 9.3.0 | 9.4.0 | R5-110135 |
| RP-51 | RP-110155 | 0090 | - | Clarification of CQI reporting requirement applicability | F | 9.3.0 | 9.4.0 | R5-110465 |
| RP-51 | RP-110177 | 0091 | - | Update to 34.121-2 | F | 9.3.0 | 9.4.0 | R5-110659 |
| RP-51 | RP-110155 | 0093 | - | Change the reference document of item A.7/18 for “Support of F-DPCH”. | F | 9.3.0 | 9.4.0 | R5-110857 |
| RP-51 | RP-110155 | 0092 | - | Applicability for features not supported in all supporter bands | F | 9.3.0 | 9.4.0 | R5-110922 |
| RP-52 | RP-110652 | 0094 | - | Correction to Band XII frequency range in 34.121-2 | F | 9.4.0 | 9.5.0 | R5-112134 |
| RP-52 | RP-110643 | 0095 | - | Applicability changes to TC 8.7.10 - 8.7.13 | F | 9.4.0 | 9.5.0 | R5-112201 |
| RP-52 | RP-110667 | 0096 | - | Addition of DB-DC-HSDPA into 34.121-2 | F | 9.4.0 | 9.5.0 | R5-112848 |
| RP-52 | RP-110638 | 0097 | - | Reduction of duplicated tests for DC-HSDPA capable UE's in 34.121-2 | F | 9.4.0 | 9.5.0 | R5-112869 |
| RP-53 | RP-111134 | 0098 | - | Modification of the table A.11 in 34.121 | F | 9.5.0 | 9.6.0 | R5-113149 |
| RP-53 | RP-111149 | 0099 | - | Correction to the DB-DC test cases applicability of 34.121-2 | F | 9.5.0 | 9.6.0 | R5-114030 |
| RP-53 | RP-111150 | 0100 | - | Adding recommended test case applicability for DC-HSUPA test cases into 34.121-2 | F | 9.5.0 | 9.6.0 | R5-114083 |
| RP-53 | RP-111154 | 0101 | - | Introduction of applicability of HS-SCCH Type 3 Performance Single Stream restriction test | F | 9.5.0 | 9.6.0 | R5-114090 |
| RP-53 | RP-111146 | 0102 | - | Addition of applicability for new test case of system information acquisition for CSG cell | F | 9.5.0 | 9.6.0 | R5-114107 |
| RP-53 | RP-111154 | 0103 | - | Update to 34.121-2 | F | 9.6.0 | 10.0.0 | R5-114108 |
| RP-53 | RP-111132 | 0104 | - | Correction to test case applicability for 6.3A and 6.3B | F | 9.6.0 | 10.0.0 | R5-114114 |
| RP-54 | RP-111595 | 0106 | - | Introduction of new ACLR test case for DC-HSUPA | F | 10.0.0 | 10.1.0 | R5-115153 |
| RP-54 | RP-111594 | 0107 | - | Introduction of new DB-DC-HSDPA test cases 9.2.1GB, 9.2.1IB and 9.2.1KB | F | 10.0.0 | 10.1.0 | R5-115156 |
| RP-54 | RP-111598 | 0108 | - | Update to 34.121-2 | F | 10.0.0 | 10.1.0 | R5-115410 |
| RP-54 | RP-111594 | 0109 | - | Update to 34.121-2 | F | 10.0.0 | 10.1.0 | R5-115412 |
| RP-54 | RP-111597 | 0110 | - | Adding band XXII (3500MHz) to 34.121-2 | F | 10.0.0 | 10.1.0 | R5-115811 |
| RP-54 | RP-111598 | 0111 | - | Introduction of applicability of HS-SCCH Type 3 performance single stream restriction-STTD disabled-asymmetric CPICHs test | F | 10.0.0 | 10.1.0 | R5-115861 |
| RP-54 | RP-111598 | 0112 | - | Introduction of applicability of HS-SCCH Type 3 performance single stream restriction-STTD enabled-asymmetric CPICHs test | F | 10.0.0 | 10.1.0 | R5-115862 |
| RP-54 | RP-111594 | 0113 | - | Modification for the deficiency explanation of the duplicated tests for DC-HSDPA capable UE’s in 34.121-2 | F | 10.0.0 | 10.1.0 | R5-115864 |
| RP-54 | RP-111595 | 0114 | - | Transmit Intermodulation for DC-HSUPA (applicability) | F | 10.0.0 | 10.1.0 | R5-115872 |
| RP-54 | RP-111571 | 0115 | - | Modification of Applicability tests conditions according to comments column of applicability table in TS 34.121-2 | F | 10.0.0 | 10.1.0 | R5-115873 |
| RP-55 | RP-120193 | 0116 | - | CR Update TCs 9.3.1BA & 9.3.2AA for DB-DC-HSDPA CQI reporting | F | 10.1.0 | 10.2.0 | R5-120298 |
| RP-55 | RP-120174 | 0117 | - | Correction to TC 9.2.1J title and the name and release for 9.2.1JA in TS 34.121-2 | F | 10.1.0 | 10.2.0 | R5-120309 |
| RP-55 | RP-120194 | 0118 | - | Introduction of new spurious emissions test case for DC-HSUPA | F | 10.1.0 | 10.2.0 | R5-120350 |
| RP-55 | RP-120194 | 0119 | - | Addition of DC-HSUPA test cases in 34.121-2 | F | 10.1.0 | 10.2.0 | R5-120862 |
| RP-55 | RP-120201 | 0120 | - | Applicability changes for TC 9.2.1FC and 9.2.1FD | F | 10.1.0 | 10.2.0 | R5-120864 |
| RP-55 | RP-120198 | 0121 | - | Corrections to the applicability of HS-SCCH Type 3 Performance for MIMO only with single-stream restriction | F | 10.1.0 | 10.2.0 | R5-120889 |
| RP-55 | RP-120193 | 0122 | - | Addition of test case 9.2.1LB (HSDPA, type 3i, Dual Band Dual Cell) to 34.121-2 | F | 10.1.0 | 10.2.0 | R5-120898 |
| RP-56 | RP-120635 | 0123 | - | Change the content of C\_RF53 to 'Void' | F | 10.2.0 | 10.3.0 | R5-121153 |
| RP-56 | RP-120660 | 0124 | - | Adding band XXV into ICS proforma tables | F | 10.2.0 | 10.3.0 | R5-121643 |
| RP-56 | RP-120664 | 0125 | - | Applicability changes for TC 9.2.1HC and 9.2.1HD | F | 10.2.0 | 10.3.0 | R5-121915 |
| RP-56 | RP-120649 | 0126 | - | Update to 34.121-2 for TCs 9.3.1BA & 9.3.2AA for DB-DC-HSDPA CQI reporting | F | 10.2.0 | 10.3.0 | R5-121917 |
| RP-57 | RP-121120 | 0127 | - | Adding band XXVI into ICS proforma tables | F | 10.3.0 | 10.4.0 | R5-123578 |
| RP-57 | RP-121115 | 0128 | - | Applicability changes for test case 9.2.1LC and 9.2.1LD | F | 10.3.0 | 10.4.0 | R5-123968 |
| RP-57 | RP-121089 | 0129 | - | Specifying redundant test cases in 34.121-2 | F | 10.3.0 | 10.4.0 | R5-123976 |
| RP-58 | RP-121680 | 0130 | - | Adding applicability for many 4C-HSDPA tests into TS 34.121-2 | F | 10.4.0 | 10.5.0 | R5-125259 |
| RP-58 | RP-121655 | 0131 | - | Correction to applicability of inter-RAT measurement related TCs(TS34.121-2) | F | 10.4.0 | 10.5.0 | R5-125863 |
| RP-58 | RP-121673 | 0133 | - | Adding missing DC-HSUPA test cases to 34.121-2 | F | 10.4.0 | 10.5.0 | R5-125913 |
| RP-58 | RP-121665 | 0134 | - | Addition of Test Case applicability for new RRM Test Case 8.4.3.1A | F | 10.4.0 | 10.5.0 | R5-125915 |
| RP-58 | RP-121680 | 0135 | - | Applicability changes for test case 9.2.1GC and 9.2.1GD | F | 10.4.0 | 10.5.0 | R5-125919 |
| RP-58 | RP-121654 | 0136 | - | Removing redundant testing for Type3/Type3i UEs (34.121-2) | F | 10.4.0 | 10.5.0 | R5-125928 |
| RP-59 | RP-130155 | 0137 | - | Applicability update to Chapter 6 and 9 test cases for 4C-HSDPA | F | 10.5.0 | 10.6.0 | R5-130976 |
| RP-60 | RP-130621 | 0138 | - | Applicability update to Chapter 6 test cases for 4C-HSDPA | F | 10.6.0 | 10.7.0 | R5-132109 |
| RP-61 | RP-131124 | 0139 | - | Addition of applicabilities for RSRQ based reselection TC | F | 10.7.0 | 10.8.0 | R5-133216 |
| RP-61 | RP-131097 | 0140 | - | 34.121-2 specification clean up | F | 10.7.0 | 10.8.0 | R5-133719 |
| RP-61 | RP-131121 | 0141 | - | Updating applicability for Chapter 5 UL CLTD test cases. | F | 10.8.0 | 11.0.0 | R5-133881 |
| RP-62 | RP-131881 | 0143 | - | Addition of new UL OLTD test cases | F | 11.0.0 | 11.1.0 | R5-134335 |
| RP-62 | RP-131885 | 0144 | - | Update of titles in applicability table for legacy RRM test cases due to introduction of Further Enhancement to CELL\_FACH RRM test cases | F | 11.0.0 | 11.1.0 | R5-134974 |
| RP-63 | RP-140324 | 0145 | - | Adding test cases 5.4.3C and 5.4.3D into TS 34.121-2 | F | 11.1.0 | 11.2.0 | R5-140387 |
| RP-63 | RP-140324 | 0146 | - | Addition of applicability for new UL OLTD test cases | F | 11.1.0 | 11.2.0 | R5-140860 |
| RP-63 | R5-140328 | 0147 | - | Introduction of enh CELL\_FACH test cases to TS34.121-2 | F | 11.1.0 | 11.2.0 | R5-140862 |
| RP-63 | RP-140324 | 0148 | - | Correction to applicability of UL CLTD test cases | F | 11.1.0 | 11.2.0 | R5-141002 |
| RP-64 | RP-140817 | 0149 | - | Update of applicability for 4C-HSDPA in the Table 1. | F | 11.2.0 | 11.3.0 | R5-142163 |
| RP-64 | RP-140831 | 0150 | - | Introduction of new EVM test cases for uplink CLTD in TS 34.121-2 | F | 11.2.0 | 11.3.0 | R5-142221 |
| RP-64 | RP-140835 | 0151 | - | Adding Applicability statements to several enh CELL\_FACH test cases | F | 11.2.0 | 11.3.0 | R5-142453 |
| RP-64 | RP-140837 | 0152 | - | Reinsertion of accidentally deleted applicabilities 5.9C and 5.9D | F | 11.2.0 | 11.3.0 | R5-142585 |
| RP-64 | RP-140831 | 0153 | - | Introduction of new test cases for uplink OLTD in TS 34.121-2 | F | 11.2.0 | 11.3.0 | R5-143125 |
| RP-64 | RP-140831 | 0154 | - | Applicability update to newly added chapter-5 test cases with UL-CLTD | F | 11.2.0 | 11.3.0 | R5-143126 |
| RP-64 | RP-140831 | 0155 | - | Update for 34.121-2 UL-OLTD and CLTD | F | 11.2.0 | 11.3.0 | R5-143127 |
| RP-65 | RP-141593 | 0156 | - | Addition of test case applicability for Occupeid Bandwith for OLTD / CLTD | F | 11.3.0 | 11.4.0 | R5-144516 |
| RP-65 | RP-141592 | 0158 | - | Applicability update for Multiflow HSDPA test cases | F | 11.3.0 | 11.4.0 | R5-144863 |
| RP-66 | RP-142051 | 0159 | - | Update of ICS table for Enhanced Receiver type declaration | F | 11.4.0 | 11.5.0 | R5-145538 |
| RP-66 | RP-142056 | 0160 | - | Add a new table for DB-DC-HSDPA enhance performance test cases | F | 11.4.0 | 11.5.0 | R5-145914 |
| RP-67 | RP-150905 | 0161 | 1 | Addition of frequency UTRA band 32 | F | 11.5.0 | 12.0.0 | R5-151890 |
| RP-69 | RP-151426 | 0162 | - | Applicability for Receiver Spurious emissions test case for DB-DC-HSDPA in DL-only bands | F | 12.0.0 | 12.1.0 | R5-153616 |
| RP-69 | - | - | - | update of the "non-specific references" in section 2 according to the approved R5-153582 and an action point on ETSI MCC | - | 12.0.0 | 12.1.0 | - |
| RP-71 | RP-160100 | 0165 | 1 | Applicability update for Enhanced UTRA DCH test cases | F | 12.1.0 | 12.2.0 | R5-160897 |
| RP-72 | RP-160832 | 0168 | 1 | Applicability update for Enhanced UTRA DCH test cases | F | 12.2.0 | 12.3.0 | R5-162876 |
| RP-73 | RP-161439 | 0169 | 1 | Correction of ICS table for EUTRA Feature group indicators declaration | F | 12.3.0 | 12.4.0 | R5-166020 |
| RP-73 | RP-161439 | 0170 | 1 | Editorial changes for PICS XML conversion | F | 12.3.0 | 12.4.0 | R5-166293 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Change history** | | | | | | | |
| **Date** | **Meeting** | **TDoc** | **CR** | **Rev** | **Cat** | **Subject/Comment** | **New version** |
| 2016-09 | CT#73 | CP-160483 | 5656 | 1 | F | P-CSCF includes access-network-charging-info in reliable response | 8.35.0 |
| 2016-09 | CT#73 | CP-160483 | 5679 | 1 | F | Correction on support of P-Asserted-Identity header | 8.35.0 |
| 2016-12 | CT#74 | CP-160708 | 5686 | 2 | F | Correction on support of P-Asserted-Service header | 8.36.0 |