

XXXXXX RF Test Report

|  |  |
| --- | --- |
| 作 者： |  |
| 日 期： | 2021-6-21 |

北京清微智能科技有限公司

版权所有 不得复制

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Revision** | **Description** | **Author** |
| 2021-6-21 | V1.0 |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

table of Contents

[XXXXXX RF Test Report 1](#_Toc13301)

[Revision History 1](#_Toc4789)

[table of Contents 1](#_Toc27676)

[XXX RF Test Report 3](#_Toc25956)

[1 Overview 3](#_Toc30153)

[2 Test Configuration 3](#_Toc27088)

[2.1 DUT Information 3](#_Toc4168)

[2.2 Test Environment 3](#_Toc32429)

[3 Test summary 4](#_Toc4549)

[4 RF BT5 PHY BQB（BR and EDR）Test 5](#_Toc29332)

[4.1.1 RF/TRM/CA/BV-01-C [Output Power] 5](#_Toc8978)

[4.1.2 RF/TRM/CA/BV-02-C [Power Density] 5](#_Toc30021)

[4.1.3 RF/TRM/CA/BV-03-C [Power Control] 5](#_Toc32346)

[4.1.4 RF/TRM/CA/BV-04-C [TX Output Spectrum – Frequency Range] 6](#_Toc9213)

[4.1.5 RF/TRM/CA/BV-05-C [TX Output Spectrum – 20 dB Bandwidth] 7](#_Toc28831)

[4.1.6 RF/TRM/CA/BV-06-C [TX Output Spectrum – Adjacent Channel Power] 7](#_Toc4492)

[4.1.7 RF/TRM/CA/BV-07-C [Modulation Characteristics] 13](#_Toc7158)

[4.1.8 RF/TRM/CA/BV-08-C [Initial Carrier Frequency Tolerance] 14](#_Toc28690)

[4.1.9 RF/TRM/CA/BV-09-C [Carrier Frequency Drift] 14](#_Toc10465)

[4.1.10 RF/TRM/CA/BV-10-C [EDR Relative Transmit Power] 15](#_Toc29056)

[4.1.11 RF/TRM/CA/BV-11-C [EDR Carrier Frequency Stability and Modulation Accuracy] 16](#_Toc18228)

[4.1.12 RF/TRM/CA/BV-12-C [EDR Differential Phase Encoding] 17](#_Toc23893)

[4.1.13 RF/TRM/CA/BV-13-C [EDR In-band Spurious Emissions] 18](#_Toc9064)

[4.1.14 RF/TRM/CA/BV-14-C [Enhanced Power Control] 31](#_Toc3386)

[4.1.15 RF/RCV/CA/BV-01-C [Sensitivity – single slot packets] 32](#_Toc23376)

[4.1.16 RF/RCV/CA/BV-02-C [Sensitivity - multi-slot packets] 32](#_Toc20317)

[4.1.17 RF/RCV/CA/BV-03-C [C/I Performance] 32](#_Toc5499)

[4.1.18 RF/RCV/CA/BV-04-C [Blocking Performance] 34](#_Toc25787)

[4.1.19 RF/RCV/CA/BV-05-C [Intermodulation Performance] 35](#_Toc14557)

[4.1.20 RF/RCV/CA/BV-06-C [Maximum Input Level] 35](#_Toc17090)

[4.1.21 RF/RCV/CA/BV-07-C [EDR Sensitivity] 36](#_Toc28264)

[4.1.22 RF/RCV/CA/BV-08-C [EDR BER Floor Performance] 36](#_Toc15081)

[4.1.23 RF/RCV/CA/BV-09-C [EDR C/I Performance] 36](#_Toc9402)

[4.1.24 RF/RCV/CA/BV-10-C [EDR Maximum Input Level] 40](#_Toc57)

[5 RF BT5 PHY BQB（LE 1M）Test 41](#_Toc19992)

[5.1.1 RF/TRM-LE/CA/BV-01-C [Output power] 41](#_Toc469)

[5.1.2 RF/TRM-LE/CA/BV-03-C [In-band emissions, uncoded data at 1 Ms/s] 41](#_Toc4930)

[5.1.3 RF/TRM-LE/CA/BV-05-C [Modulation Characteristics, uncoded data at 1 Ms/s] 50](#_Toc2816)

[5.1.4 RF/TRM-LE/CA/BV-06-C [Carrier frequency offset and drift, uncoded data at 1Ms/s] 51](#_Toc18918)

[5.1.5 RF/RCV-LE/CA/BV-01-C [Receiver sensitivity, uncoded data at 1 Ms/s] 51](#_Toc23615)

[5.1.6 RF/RCV-LE/CA/BV-03-C [C/I and Receiver Selectivity Performance, uncoded data at 1 Ms/s] 52](#_Toc13251)

[5.1.7 RF/RCV-LE/CA/BV-04-C [Blocking Performance, uncoded data at 1 Ms/s] 53](#_Toc20093)

[5.1.8 RF/RCV-LE/CA/BV-05-C [Intermodulation Performance, uncoded data at 1 Ms/s] 53](#_Toc29617)

[5.1.9 RF/RCV-LE/CA/BV-06-C [Maximum input signal level, uncoded data at 1 Ms/s] 54](#_Toc22620)

[5.1.10 RF/RCV-LE/CA/BV-07-C [PER Report Integrity, uncoded data at 1 Ms/s] 54](#_Toc20529)

[6 RF BT5 PHY BQB（LE 2M）Test 54](#_Toc20258)

[6.1.1 RF/TRM-LE2M/CA/BV-01-C [Output power] 54](#_Toc22320)

[6.1.2 RF/TRM-LE2M/CA/BV-03-C [In-band emissions, uncoded data at 2 Ms/s] 54](#_Toc18391)

[6.1.3 RF/TRM-LE2M/CA/BV-05-C [Modulation Characteristics, uncoded data at 2 Ms/s] 63](#_Toc21788)

[6.1.4 RF/TRM-LE2M/CA/BV-06-C [Carrier frequency offset and drift, uncoded data at 2Ms/s] 64](#_Toc25235)

[6.1.5 RF/RCV-LE2M/CA/BV-01-C [Receiver sensitivity, uncoded data at 1 Ms/s] 65](#_Toc24966)

[6.1.6 RF/RCV-LE2M/CA/BV-03-C [C/I and Receiver Selectivity Performance, uncoded data at 2 Ms/s] 65](#_Toc22805)

[6.1.7 RF/RCV-LE2M/CA/BV-04-C [Blocking Performance, uncoded data at 2 Ms/s] 66](#_Toc5600)

[6.1.8 RF/RCV-LE2M/CA/BV-05-C [Intermodulation Performance, uncoded data at 2 Ms/s] 66](#_Toc13067)

[6.1.9 RF/RCV-LE2M/CA/BV-06-C [Maximum input signal level, uncoded data at 2 Ms/s] 67](#_Toc26391)

[6.1.10 RF/RCV-LE2M/CA/BV-07-C [PER Report Integrity, uncoded data at 2 Ms/s] 67](#_Toc21949)

[6.1.11 67](#_Toc8476)

XXX RF Test Report

# Overview

# Test Configuration

## DUT Information

## Test Environment

Equipment: CMW500 , shielding box , signal generator N5182B



Figure １ BR/EDR Hardware Connection Setup



Figure ２ LE Hardware Connection Setup

# Test summary

|  |  |  |
| --- | --- | --- |
| item | Test case | Pass/Fail |
| 1 | RF/TRM/CA/BV-01-C [Output Power] | Pass |
| 2 | RF/TRM/CA/BV-02-C [Power Density] | Pass |
| 3 | RF/TRM/CA/BV-03-C [Power Control] | Pass |
| 4 | RF/TRM/CA/BV-04-C [TX Output Spectrum – Frequency Range] | Pass |
| 5 | RF/TRM/CA/BV-05-C [TX Output Spectrum – 20 dB Bandwidth] | Pass |
| 6 | RF/TRM/CA/BV-06-C [TX Output Spectrum – Adjacent Channel Power] | Pass |
| 7 | RF/TRM/CA/BV-07-C [Modulation Characteristics] | Pass |
| 8 | RF/TRM/CA/BV-08-C [Initial Carrier Frequency Tolerance] | Pass |
| 9 | RF/TRM/CA/BV-09-C [Carrier Frequency Drift] | Pass |
| 10 | RF/TRM/CA/BV-10-C [EDR Relative Transmit Power] | Pass |
| 11 | RF/TRM/CA/BV-11-C [EDR Carrier Frequency Stability and Modulation Accuracy] | Pass |
| 12 | RF/TRM/CA/BV-12-C [EDR Differential Phase Encoding] |  |
| 13 | RF/TRM/CA/BV-13-C [EDR In-band Spurious Emissions] | Pass |
| 14 | RF/TRM/CA/BV-14-C [Enhanced Power Control] | Pass |
| 15 | RF/RCV/CA/BV-01-C [Sensitivity – single slot packets] |  |
| 16 | RF/RCV/CA/BV-02-C [Sensitivity - multi-slot packets] |  |
| 17 | RF/RCV/CA/BV-03-C [C/I Performance] |  |
| 18 | RF/RCV/CA/BV-04-C [Blocking Performance] |  |
| 19 | RF/RCV/CA/BV-05-C [Intermodulation Performance] |  |
| 20 | RF/RCV/CA/BV-06-C [Maximum Input Level] |  |
| 21 | RF/RCV/CA/BV-07-C [EDR Sensitivity] |  |
| 22 | RF/RCV/CA/BV-08-C [EDR BER Floor Performance] |  |
| 23 | RF/RCV/CA/BV-09-C [EDR C/I Performance] |  |
| 24 | RF/RCV/CA/BV-10-C [EDR Maximum Input Level] |  |
| 25 | RF/TRM-LE/CA/BV-01-C [Output power] | Pass |
| 26 | RF/TRM-LE/CA/BV-03-C [In-band emissions, uncoded data at 1 Ms/s] | Pass |
| 27 | RF/TRM-LE/CA/BV-05-C [Modulation Characteristics, uncoded data at 1 Ms/s] | Pass |
| 28 | RF/TRM-LE/CA/BV-06-C [Carrier frequency offset and drift, uncoded data at 1Ms/s] | Pass |
| 29 | RF/RCV-LE/CA/BV-01-C [Receiver sensitivity, uncoded data at 1 Ms/s] |  |
| 30 | RF/RCV-LE/CA/BV-03-C [C/I and Receiver Selectivity Performance, uncoded data at 1 Ms/s] |  |
| 31 | RF/RCV-LE/CA/BV-04-C [Blocking Performance, uncoded data at 1 Ms/s] |  |
| 32 | RF/RCV-LE/CA/BV-05-C [Intermodulation Performance, uncoded data at 1 Ms/s] |  |
| 33 | RF/RCV-LE/CA/BV-06-C [Maximum input signal level, uncoded data at 1 Ms/s] |  |
| 34 | RF/RCV-LE/CA/BV-07-C [PER Report Integrity, uncoded data at 1 Ms/s] |  |
| 35 | RF/TRM-LE2M/CA/BV-01-C [Output power] |  |
| 36 | RF/TRM-LE2M/CA/BV-03-C [In-band emissions, uncoded data at 2 Ms/s] |  |
| 37 | RF/TRM-LE2M/CA/BV-05-C [Modulation Characteristics, uncoded data at 2 Ms/s] |  |
| 38 | RF/TRM-LE2M/CA/BV-06-C [Carrier frequency offset and drift, uncoded data at 2Ms/s] |  |
| 39 | RF/RCV-LE2M/CA/BV-01-C [Receiver sensitivity, uncoded data at 2 Ms/s] |  |
| 40 | RF/RCV-LE2M/CA/BV-03-C [C/I and Receiver Selectivity Performance, uncoded data at 2 Ms/s] |  |
| 41 | RF/RCV-LE2M/CA/BV-04-C [Blocking Performance, uncoded data at 2 Ms/s] |  |
| 42 | RF/RCV-LE2M/CA/BV-05-C [Intermodulation Performance, uncoded data at 2 Ms/s] |  |
| 43 | RF/RCV-LE2M/CA/BV-06-C [Maximum input signal level, uncoded data at 2 Ms/s] |  |
| 44 | RF/RCV-LE2M/CA/BV-07-C [PER Report Integrity, uncoded data at 2 Ms/s] |  |

# RF BT5 PHY BQB（BR and EDR）Test

### RF/TRM/CA/BV-01-C [Output Power]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 1 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:0 |  |  |  |  |  |
| Average Power | 0 | 20 | 8.969574 | dBm | Pass |
| Peak Power |  | 23 | 9.33786 | dBm | Pass |
| Channel:39 |  |  |  |  |  |
| Average Power | 0 | 20 | 9.709808 | dBm | Pass |
| Peak Power |  | 23 | 10.12686 | dBm | Pass |
| Channel:78 |  |  |  |  |  |
| Average Power | 0 | 20 | 9.669312 | dBm | Pass |
| Peak Power |  | 23 | 10.02902 | dBm | Pass |

### RF/TRM/CA/BV-02-C [Power Density]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 2 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Power Density:at 2420MHz |  | 20 | 9.684326 | dBm | Pass |

### RF/TRM/CA/BV-03-C [Power Control]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 3 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:0 |  |  |  |  |  |
| Power at Maximum | 0 | 20 | 8.954865 | dBm | Pass |
| Power Step Down | 2 | 8 | 4.464539 | dB | Pass |
| Power Step Down | 2 | 8 | 4.57653816 | dB | Pass |
| Power Step Down | 2 | 8 | 3.82977284 | dB | Pass |
| Power Step Down | 2 | 8 | 3.194458 | dB | Pass |
| Power Step Down | 2 | 8 | 3.184657 | dB | Pass |
| Power at Minimum |  | 4 | -22.90091 | dBm | Pass |
| Power Step Up | 2 | 8 | 6.84702 | dB | Pass |
| Power Step Up | 2 | 8 | 5.73297 | dB | Pass |
| Power Step Up | 2 | 8 | 3.1853 | dB | Pass |
| Power Step Up | 2 | 8 | 3.196655 | dB | Pass |
| Power Step Up | 2 | 8 | 3.8385011 | dB | Pass |
| Power at Maximum |  |  | 8.956482 | dBm | Pass |
| Channel:39 |  |  |  |  |  |
| Power at Maximum | 0 | 20 | 9.709747 | dBm | Pass |
| Power Step Down | 2 | 8 | 4.260406 | dB | Pass |
| Power Step Down | 2 | 8 | 4.44162 | dB | Pass |
| Power Step Down | 2 | 8 | 3.86676 | dB | Pass |
| Power Step Down | 2 | 8 | 3.193024 | dB | Pass |
| Power Step Down | 2 | 8 | 3.210785 | dB | Pass |
| Power at Minimum |  | 4 | -21.85184 | dBm | Pass |
| Power Step Up | 2 | 8 | 6.87552 | dB | Pass |
| Power Step Up | 2 | 8 | 5.720308 | dB | Pass |
| Power Step Up | 2 | 8 | 3.206238 | dB | Pass |
| Power Step Up | 2 | 8 | 3.246368 | dB | Pass |
| Power Step Up | 2 | 8 | 3.880036 | dB | Pass |
| Power at Maximum |  |  | 9.725037 | dBm | Pass |
| Channel:78 |  |  |  |  |  |
| Power at Maximum | 0 | 20 | 9.664886 | dBm | Pass |
| Power Step Down | 2 | 8 | 4.108551 | dB | Pass |
| Power Step Down | 2 | 8 | 4.289642 | dB | Pass |
| Power Step Down | 2 | 8 | 3.896698 | dB | Pass |
| Power Step Down | 2 | 8 | 3.273712 | dB | Pass |
| Power Step Down | 2 | 8 | 3.193451 | dB | Pass |
| Power at Minimum |  | 4 | -21.70047 | dBm | Pass |
| Power Step Up | 2 | 8 | 6.92303 | dB | Pass |
| Power Step Up | 2 | 8 | 5.669408 | dB | Pass |
| Power Step Up | 2 | 8 | 3.179962 | dB | Pass |
| Power Step Up | 2 | 8 | 3.31189 | dB | Pass |
| Power Step Up | 2 | 8 | 3.911071 | dB | Pass |
| Power at Maximum |  |  | 9.680573 | dBm | Pass |

### RF/TRM/CA/BV-04-C [TX Output Spectrum – Frequency Range]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 4 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| f(L):Channel 0 | 2400 |  | 2400.448 | MHz | Pass |
| f(H):Channel 78 |  | 2483.5 | 2481.478 | MHz | Pass |

### RF/TRM/CA/BV-05-C [TX Output Spectrum – 20 dB Bandwidth]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 5 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| f(L) |  |  | -392.8537 | KHz | Pass |
| f(H) |  |  | 430.079 | KHz | Pass |
| f(H)-f(L) |  | 1000 | 822.9327 | KHz | Pass |
| Channel : 39 |  |  |  |  |  |
| f(L) |  |  | -438.8046 | KHz | Pass |
| f(H) |  |  | 475.1267 | KHz | Pass |
| f(H)-f(L) |  |  | 913.9314 | KHz | Pass |
| Channel : 78 |  |  |  |  |  |
| f(L) |  |  | -438.0169 | KHz | Pass |
| f(H) |  |  | 473.618 | KHz | Pass |
| f(H)-f(L) |  |  | 911.6349 | KHz | Pass |

### RF/TRM/CA/BV-06-C [TX Output Spectrum – Adjacent Channel Power]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 6 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:3, Exceptions:0 |  |  |  |  |  |
| ACPower: 0 |  | -20 | -51.0206 | dBm | Pass |
| ACPower: 1 |  | -20 | -47.77344 | dBm | Pass |
| ACPower: 2 |  |  | -19.56525 | dBm | Pass |
| ACPower: 3 |  |  | 8.262024 | dBm | Pass |
| ACPower: 4 |  |  | -19.5874 | dBm | Pass |
| ACPower: 5 |  | -20 | -47.91891 | dBm | Pass |
| ACPower: 6 |  | -20 | -51.66727 | dBm | Pass |
| ACPower: 7 |  | -40 | -51.92523 | dBm | Pass |
| ACPower: 8 |  | -40 | -53.9989 | dBm | Pass |
| ACPower: 9 |  | -40 | -55.02606 | dBm | Pass |
| ACPower: 10 |  | -40 | -55.85226 | dBm | Pass |
| ACPower: 11 |  | -40 | -56.22137 | dBm | Pass |
| ACPower: 12 |  | -40 | -57.17343 | dBm | Pass |
| ACPower: 13 |  | -40 | -56.82651 | dBm | Pass |
| ACPower: 14 |  | -40 | -56.84113 | dBm | Pass |
| ACPower: 15 |  | -40 | -57.44073 | dBm | Pass |
| ACPower: 16 |  | -40 | -57.0426 | dBm | Pass |
| ACPower: 17 |  | -40 | -57.54681 | dBm | Pass |
| ACPower: 18 |  | -40 | -58.16135 | dBm | Pass |
| ACPower: 19 |  | -40 | -57.48889 | dBm | Pass |
| ACPower: 20 |  | -40 | -58.3667 | dBm | Pass |
| ACPower: 21 |  | -40 | -58.44531 | dBm | Pass |
| ACPower: 22 |  | -40 | -58.14783 | dBm | Pass |
| ACPower: 23 |  | -40 | -58.35901 | dBm | Pass |
| ACPower: 24 |  | -40 | -58.43069 | dBm | Pass |
| ACPower: 25 |  | -40 | -58.52069 | dBm | Pass |
| ACPower: 26 |  | -40 | -58.06699 | dBm | Pass |
| ACPower: 27 |  | -40 | -57.66208 | dBm | Pass |
| ACPower: 28 |  | -40 | -57.92725 | dBm | Pass |
| ACPower: 29 |  | -40 | -57.8201 | dBm | Pass |
| ACPower: 30 |  | -40 | -58.41379 | dBm | Pass |
| ACPower: 31 |  | -40 | -57.99448 | dBm | Pass |
| ACPower: 32 |  | -40 | -57.61368 | dBm | Pass |
| ACPower: 33 |  | -40 | -57.64999 | dBm | Pass |
| ACPower: 34 |  | -40 | -57.63614 | dBm | Pass |
| ACPower: 35 |  | -40 | -57.50674 | dBm | Pass |
| ACPower: 36 |  | -40 | -58.48969 | dBm | Pass |
| ACPower: 37 |  | -40 | -57.93195 | dBm | Pass |
| ACPower: 38 |  | -40 | -57.39465 | dBm | Pass |
| ACPower: 39 |  | -40 | -57.28088 | dBm | Pass |
| ACPower: 40 |  | -40 | -57.11374 | dBm | Pass |
| ACPower: 41 |  | -40 | -57.69955 | dBm | Pass |
| ACPower: 42 |  | -40 | -58.07599 | dBm | Pass |
| ACPower: 43 |  | -40 | -57.9003 | dBm | Pass |
| ACPower: 44 |  | -40 | -57.79041 | dBm | Pass |
| ACPower: 45 |  | -40 | -57.3382 | dBm | Pass |
| ACPower: 46 |  | -40 | -57.96777 | dBm | Pass |
| ACPower: 47 |  | -40 | -57.64835 | dBm | Pass |
| ACPower: 48 |  | -40 | -58.47867 | dBm | Pass |
| ACPower: 49 |  | -40 | -58.38672 | dBm | Pass |
| ACPower: 50 |  | -40 | -57.39536 | dBm | Pass |
| ACPower: 51 |  | -40 | -46.08832 | dBm | Pass |
| ACPower: 52 |  | -40 | -56.89438 | dBm | Pass |
| ACPower: 53 |  | -40 | -58.04953 | dBm | Pass |
| ACPower: 54 |  | -40 | -57.81601 | dBm | Pass |
| ACPower: 55 |  | -40 | -57.39679 | dBm | Pass |
| ACPower: 56 |  | -40 | -57.30502 | dBm | Pass |
| ACPower: 57 |  | -40 | -56.72128 | dBm | Pass |
| ACPower: 58 |  | -40 | -57.40646 | dBm | Pass |
| ACPower: 59 |  | -40 | -57.21329 | dBm | Pass |
| ACPower: 60 |  | -40 | -57.86407 | dBm | Pass |
| ACPower: 61 |  | -40 | -57.18655 | dBm | Pass |
| ACPower: 62 |  | -40 | -56.97156 | dBm | Pass |
| ACPower: 63 |  | -40 | -56.44263 | dBm | Pass |
| ACPower: 64 |  | -40 | -56.10379 | dBm | Pass |
| ACPower: 65 |  | -40 | -56.20477 | dBm | Pass |
| ACPower: 66 |  | -40 | -56.44165 | dBm | Pass |
| ACPower: 67 |  | -40 | -53.28134 | dBm | Pass |
| ACPower: 68 |  | -40 | -51.83994 | dBm | Pass |
| ACPower: 69 |  | -40 | -54.24728 | dBm | Pass |
| ACPower: 70 |  | -40 | -54.72266 | dBm | Pass |
| ACPower: 71 |  | -40 | -53.63727 | dBm | Pass |
| ACPower: 72 |  | -40 | -55.39386 | dBm | Pass |
| ACPower: 73 |  | -40 | -56.28357 | dBm | Pass |
| ACPower: 74 |  | -40 | -57.0954 | dBm | Pass |
| ACPower: 75 |  | -40 | -50.96585 | dBm | Pass |
| ACPower: 76 |  | -40 | -56.60428 | dBm | Pass |
| ACPower: 77 |  | -40 | -56.33768 | dBm | Pass |
| ACPower: 78 |  | -40 | -57.00717 | dBm | Pass |
| Channel:39, Exceptions:0 |  |  |  |  |  |
| ACPower: 0 |  | -40 | -58.46082 | dBm | Pass |
| ACPower: 1 |  | -40 | -57.82043 | dBm | Pass |
| ACPower: 2 |  | -40 | -57.88757 | dBm | Pass |
| ACPower: 3 |  | -40 | -57.25317 | dBm | Pass |
| ACPower: 4 |  | -40 | -57.62781 | dBm | Pass |
| ACPower: 5 |  | -40 | -57.43338 | dBm | Pass |
| ACPower: 6 |  | -40 | -57.94727 | dBm | Pass |
| ACPower: 7 |  | -40 | -57.79251 | dBm | Pass |
| ACPower: 8 |  | -40 | -57.3725 | dBm | Pass |
| ACPower: 9 |  | -40 | -57.44617 | dBm | Pass |
| ACPower: 10 |  | -40 | -57.59207 | dBm | Pass |
| ACPower: 11 |  | -40 | -57.99307 | dBm | Pass |
| ACPower: 12 |  | -40 | -57.77255 | dBm | Pass |
| ACPower: 13 |  | -40 | -57.83337 | dBm | Pass |
| ACPower: 14 |  | -40 | -57.50201 | dBm | Pass |
| ACPower: 15 |  | -40 | -57.10751 | dBm | Pass |
| ACPower: 16 |  | -40 | -57.77292 | dBm | Pass |
| ACPower: 17 |  | -40 | -57.68475 | dBm | Pass |
| ACPower: 18 |  | -40 | -57.99625 | dBm | Pass |
| ACPower: 19 |  | -40 | -57.70224 | dBm | Pass |
| ACPower: 20 |  | -40 | -57.51288 | dBm | Pass |
| ACPower: 21 |  | -40 | -57.15723 | dBm | Pass |
| ACPower: 22 |  | -40 | -56.78342 | dBm | Pass |
| ACPower: 23 |  | -40 | -57.21176 | dBm | Pass |
| ACPower: 24 |  | -40 | -57.71985 | dBm | Pass |
| ACPower: 25 |  | -40 | -56.21521 | dBm | Pass |
| ACPower: 26 |  | -40 | -56.47168 | dBm | Pass |
| ACPower: 27 |  | -40 | -56.43219 | dBm | Pass |
| ACPower: 28 |  | -40 | -56.24402 | dBm | Pass |
| ACPower: 29 |  | -40 | -56.92197 | dBm | Pass |
| ACPower: 30 |  | -40 | -56.70349 | dBm | Pass |
| ACPower: 31 |  | -40 | -55.24228 | dBm | Pass |
| ACPower: 32 |  | -40 | -55.13034 | dBm | Pass |
| ACPower: 33 |  | -40 | -53.65927 | dBm | Pass |
| ACPower: 34 |  | -40 | -53.7016 | dBm | Pass |
| ACPower: 35 |  | -40 | -50.98553 | dBm | Pass |
| ACPower: 36 |  | -20 | -50.33865 | dBm | Pass |
| ACPower: 37 |  | -20 | -46.99658 | dBm | Pass |
| ACPower: 38 |  |  | -18.89822 | dBm | Pass |
| ACPower: 39 |  |  | 9.008881 | dBm | Pass |
| ACPower: 40 |  |  | -18.69965 | dBm | Pass |
| ACPower: 41 |  | -20 | -47.22101 | dBm | Pass |
| ACPower: 42 |  | -20 | -50.88358 | dBm | Pass |
| ACPower: 43 |  | -40 | -51.59476 | dBm | Pass |
| ACPower: 44 |  | -40 | -53.50876 | dBm | Pass |
| ACPower: 45 |  | -40 | -55.0856 | dBm | Pass |
| ACPower: 46 |  | -40 | -55.3356 | dBm | Pass |
| ACPower: 47 |  | -40 | -56.01489 | dBm | Pass |
| ACPower: 48 |  | -40 | -57.89801 | dBm | Pass |
| ACPower: 49 |  | -40 | -58.06381 | dBm | Pass |
| ACPower: 50 |  | -40 | -57.49295 | dBm | Pass |
| ACPower: 51 |  | -40 | -57.66608 | dBm | Pass |
| ACPower: 52 |  | -40 | -57.66025 | dBm | Pass |
| ACPower: 53 |  | -40 | -57.49188 | dBm | Pass |
| ACPower: 54 |  | -40 | -58.56583 | dBm | Pass |
| ACPower: 55 |  | -40 | -58.62756 | dBm | Pass |
| ACPower: 56 |  | -40 | -58.17841 | dBm | Pass |
| ACPower: 57 |  | -40 | -58.93994 | dBm | Pass |
| ACPower: 58 |  | -40 | -58.44354 | dBm | Pass |
| ACPower: 59 |  | -40 | -59.20566 | dBm | Pass |
| ACPower: 60 |  | -40 | -59.34393 | dBm | Pass |
| ACPower: 61 |  | -40 | -58.81226 | dBm | Pass |
| ACPower: 62 |  | -40 | -58.68256 | dBm | Pass |
| ACPower: 63 |  | -40 | -57.8429 | dBm | Pass |
| ACPower: 64 |  | -40 | -58.00458 | dBm | Pass |
| ACPower: 65 |  | -40 | -58.23926 | dBm | Pass |
| ACPower: 66 |  | -40 | -58.89264 | dBm | Pass |
| ACPower: 67 |  | -40 | -58.74826 | dBm | Pass |
| ACPower: 68 |  | -40 | -58.29657 | dBm | Pass |
| ACPower: 69 |  | -40 | -58.09897 | dBm | Pass |
| ACPower: 70 |  | -40 | -58.45493 | dBm | Pass |
| ACPower: 71 |  | -40 | -58.26736 | dBm | Pass |
| ACPower: 72 |  | -40 | -58.66022 | dBm | Pass |
| ACPower: 73 |  | -40 | -58.40659 | dBm | Pass |
| ACPower: 74 |  | -40 | -58.05206 | dBm | Pass |
| ACPower: 75 |  | -40 | -57.96112 | dBm | Pass |
| ACPower: 76 |  | -40 | -57.82669 | dBm | Pass |
| ACPower: 77 |  | -40 | -57.79837 | dBm | Pass |
| ACPower: 78 |  | -40 | -58.38208 | dBm | Pass |
| Channel:75, Exceptions:0 |  |  |  |  |  |
| ACPower: 0 |  | -40 | -57.21518 | dBm | Pass |
| ACPower: 1 |  | -40 | -57.46555 | dBm | Pass |
| ACPower: 2 |  | -40 | -58.13223 | dBm | Pass |
| ACPower: 3 |  | -40 | -54.12189 | dBm | Pass |
| ACPower: 4 |  | -40 | -57.49527 | dBm | Pass |
| ACPower: 5 |  | -40 | -58.00116 | dBm | Pass |
| ACPower: 6 |  | -40 | -55.78613 | dBm | Pass |
| ACPower: 7 |  | -40 | -53.57489 | dBm | Pass |
| ACPower: 8 |  | -40 | -55.31891 | dBm | Pass |
| ACPower: 9 |  | -40 | -55.26245 | dBm | Pass |
| ACPower: 10 |  | -40 | -52.82712 | dBm | Pass |
| ACPower: 11 |  | -40 | -54.20218 | dBm | Pass |
| ACPower: 12 |  | -40 | -57.12689 | dBm | Pass |
| ACPower: 13 |  | -40 | -56.8562 | dBm | Pass |
| ACPower: 14 |  | -40 | -57.16751 | dBm | Pass |
| ACPower: 15 |  | -40 | -57.04453 | dBm | Pass |
| ACPower: 16 |  | -40 | -57.41016 | dBm | Pass |
| ACPower: 17 |  | -40 | -58.07962 | dBm | Pass |
| ACPower: 18 |  | -40 | -58.0282 | dBm | Pass |
| ACPower: 19 |  | -40 | -57.58856 | dBm | Pass |
| ACPower: 20 |  | -40 | -57.51495 | dBm | Pass |
| ACPower: 21 |  | -40 | -57.26453 | dBm | Pass |
| ACPower: 22 |  | -40 | -57.61255 | dBm | Pass |
| ACPower: 23 |  | -40 | -57.79205 | dBm | Pass |
| ACPower: 24 |  | -40 | -57.87955 | dBm | Pass |
| ACPower: 25 |  | -40 | -58.32919 | dBm | Pass |
| ACPower: 26 |  | -40 | -57.55997 | dBm | Pass |
| ACPower: 27 |  | -40 | -48.07947 | dBm | Pass |
| ACPower: 28 |  | -40 | -58.03406 | dBm | Pass |
| ACPower: 29 |  | -40 | -58.32837 | dBm | Pass |
| ACPower: 30 |  | -40 | -58.68411 | dBm | Pass |
| ACPower: 31 |  | -40 | -57.93732 | dBm | Pass |
| ACPower: 32 |  | -40 | -58.54858 | dBm | Pass |
| ACPower: 33 |  | -40 | -57.80032 | dBm | Pass |
| ACPower: 34 |  | -40 | -57.86368 | dBm | Pass |
| ACPower: 35 |  | -40 | -58.07986 | dBm | Pass |
| ACPower: 36 |  | -40 | -58.70654 | dBm | Pass |
| ACPower: 37 |  | -40 | -58.1687 | dBm | Pass |
| ACPower: 38 |  | -40 | -57.12836 | dBm | Pass |
| ACPower: 39 |  | -40 | -57.98788 | dBm | Pass |
| ACPower: 40 |  | -40 | -57.78925 | dBm | Pass |
| ACPower: 41 |  | -40 | -58.35501 | dBm | Pass |
| ACPower: 42 |  | -40 | -58.43582 | dBm | Pass |
| ACPower: 43 |  | -40 | -57.97433 | dBm | Pass |
| ACPower: 44 |  | -40 | -57.78387 | dBm | Pass |
| ACPower: 45 |  | -40 | -57.68753 | dBm | Pass |
| ACPower: 46 |  | -40 | -57.66757 | dBm | Pass |
| ACPower: 47 |  | -40 | -58.11349 | dBm | Pass |
| ACPower: 48 |  | -40 | -58.24466 | dBm | Pass |
| ACPower: 49 |  | -40 | -57.35464 | dBm | Pass |
| ACPower: 50 |  | -40 | -57.95773 | dBm | Pass |
| ACPower: 51 |  | -40 | -57.13681 | dBm | Pass |
| ACPower: 52 |  | -40 | -57.90793 | dBm | Pass |
| ACPower: 53 |  | -40 | -57.58234 | dBm | Pass |
| ACPower: 54 |  | -40 | -58.37115 | dBm | Pass |
| ACPower: 55 |  | -40 | -57.64951 | dBm | Pass |
| ACPower: 56 |  | -40 | -57.53992 | dBm | Pass |
| ACPower: 57 |  | -40 | -57.81894 | dBm | Pass |
| ACPower: 58 |  | -40 | -57.27313 | dBm | Pass |
| ACPower: 59 |  | -40 | -57.75555 | dBm | Pass |
| ACPower: 60 |  | -40 | -58.09579 | dBm | Pass |
| ACPower: 61 |  | -40 | -56.79657 | dBm | Pass |
| ACPower: 62 |  | -40 | -56.6665 | dBm | Pass |
| ACPower: 63 |  | -40 | -55.96616 | dBm | Pass |
| ACPower: 64 |  | -40 | -56.13144 | dBm | Pass |
| ACPower: 65 |  | -40 | -56.427 | dBm | Pass |
| ACPower: 66 |  | -40 | -57.00461 | dBm | Pass |
| ACPower: 67 |  | -40 | -54.74384 | dBm | Pass |
| ACPower: 68 |  | -40 | -55.64215 | dBm | Pass |
| ACPower: 69 |  | -40 | -54.03519 | dBm | Pass |
| ACPower: 70 |  | -40 | -53.48373 | dBm | Pass |
| ACPower: 71 |  | -40 | -51.31091 | dBm | Pass |
| ACPower: 72 |  | -20 | -50.30557 | dBm | Pass |
| ACPower: 73 |  | -20 | -47.44189 | dBm | Pass |
| ACPower: 74 |  |  | -18.96732 | dBm | Pass |
| ACPower: 75 |  |  | 8.924774 | dBm | Pass |
| ACPower: 76 |  |  | -18.31595 | dBm | Pass |
| ACPower: 77 |  | -20 | -47.58484 | dBm | Pass |
| ACPower: 78 |  | -20 | -50.24811 | dBm | Pass |

### RF/TRM/CA/BV-07-C [Modulation Characteristics]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 7 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Delta F1 Avg | 140 | 175 | 159.0543 | KHz | Pass |
| Delta F2 99.9% | 115 |  | 116.1833 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.810560921648 |  | Pass |
| Channel : 39 |  |  |  |  |  |
| Delta F1 Avg | 140 | 175 | 158.8757 | KHz | Pass |
| Delta F2 99.9% | 115 |  | 124.9743 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.869407971137 |  | Pass |
| Channel : 78 |  |  |  |  |  |
| Delta F1 Avg | 140 | 175 | 154.6395 | KHz | Pass |
| Delta F2 99.9% | 115 |  | 118.4809 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.850596387081 |  | Pass |

### RF/TRM/CA/BV-08-C [Initial Carrier Frequency Tolerance]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 8 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Max. Frequency Tolerance | -75 | 75 | 7.772446 | KHz | Pass |
| Channel : 39 |  |  |  |  |  |
| Max. Frequency Tolerance | -75 | 75 | 8.283377 | KHz | Pass |
| Channel : 78 |  |  |  |  |  |
| Max. Frequency Tolerance | -75 | 75 | 5.589962 | KHz | Pass |

### RF/TRM/CA/BV-09-C [Carrier Frequency Drift]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 9 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Max. Drift (DH1) | -25 | 25 | -5.085707 | KHz | Pass |
| Max. Drift (DH3) | -40 | 40 | -6.045103 | KHz | Pass |
| Max. Drift (DH5) | -40 | 40 | -6.019592 | KHz | Pass |
| Max. Drift (DH1) ( / 50 us) | -20 | 20 | -5.085707 | KHz | Pass |
| Max. Drift (DH3) ( / 50 us) | -20 | 20 | -6.045103 | KHz | Pass |
| Max. Drift(DH5) ( / 50 us) | -20 | 20 | -6.019592 | KHz | Pass |
| Channel : 39 |  |  |  |  |  |
| Max. Drift (DH1) | -25 | 25 | -6.284237 | KHz | Pass |
| Max. Drift (DH3) | -40 | 40 | -5.808115 | KHz | Pass |
| Max. Drift (DH5) | -40 | 40 | -5.543232 | KHz | Pass |
| Max. Drift (DH1) ( / 50 us) | -20 | 20 | -6.284237 | KHz | Pass |
| Max. Drift (DH3) ( / 50 us) | -20 | 20 | -5.808115 | KHz | Pass |
| Max. Drift(DH5) ( / 50 us) | -20 | 20 | -5.543232 | KHz | Pass |
| Channel : 78 |  |  |  |  |  |
| Max. Drift (DH1) | -25 | 25 | -2.708912 | KHz | Pass |
| Max. Drift (DH3) | -40 | 40 | -3.951073 | KHz | Pass |
| Max. Drift (DH5) | -40 | 40 | -3.418684 | KHz | Pass |
| Max. Drift (DH1) ( / 50 us) | -20 | 20 | -2.708912 | KHz | Pass |
| Max. Drift (DH3) ( / 50 us) | -20 | 20 | -3.951073 | KHz | Pass |
| Max. Drift(DH5) ( / 50 us) | -20 | 20 | -3.418684 | KHz | Pass |

### RF/TRM/CA/BV-10-C [EDR Relative Transmit Power]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 10 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Power DPSK - Power GFSK  2-DH5 | -4 | 1 | -0.938446 | dB | Pass |
| Power GFSK  2-DH5 |  |  | 8.925232 | dBm | Pass |
| Power DPSK  2-DH5 |  |  | 7.986816 | dBm | Pass |
| Power DPSK - Power GFSK  3-DH5 | -4 | 1 | -0.9309998 | dB | Pass |
| Power GFSK  3-DH5 |  |  | 8.92514 | dBm | Pass |
| Power DPSK  3-DH5 |  |  | 7.994141 | dBm | Pass |
| Channel : 39 |  |  |  |  |  |
| Power DPSK - Power GFSK  2-DH5 | -4 | 1 | -0.9140625 | dB | Pass |
| Power GFSK  2-DH5 |  |  | 9.682129 | dBm | Pass |
| Power DPSK  2-DH5 |  |  | 8.768097 | dBm | Pass |
| Power DPSK - Power GFSK  3-DH5 | -4 | 1 | -0.9107666 | dB | Pass |
| Power GFSK  3-DH5 |  |  | 9.684631 | dBm | Pass |
| Power DPSK  3-DH5 |  |  | 8.773926 | dBm | Pass |
| Channel : 78 |  |  |  |  |  |
| Power DPSK - Power GFSK  2-DH5 | -4 | 1 | -0.8859863 | dB | Pass |
| Power GFSK  2-DH5 |  |  | 9.631195 | dBm | Pass |
| Power DPSK  2-DH5 |  |  | 8.745239 | dBm | Pass |
| Power DPSK - Power GFSK  3-DH5 | -4 | 1 | -0.881134 | dB | Pass |
| Power GFSK  3-DH5 |  |  | 9.630157 | dBm | Pass |
| Power DPSK  3-DH5 |  |  | 8.749054 | dBm | Pass |

### RF/TRM/CA/BV-11-C [EDR Carrier Frequency Stability and Modulation Accuracy]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 11 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Omega i  2-DH5 | -75 | 75 | 1.677036 | KHz | Pass |
| Omega i + Omega o  2-DH5 | -75 | 75 | 3.255129 | KHz | Pass |
| Omega o  2-DH5 | -10 | 10 | 1.460552 | KHz | Pass |
| DEVM RMS  2-DH5 |  | 20 | 5.006647 | % | Pass |
| DEVM Peak  2-DH5 |  | 35 | 11.86858 | % | Pass |
| DEVM 99%   1. DH5 |  | 30 | 9.000421 | % | Pass |
| Omega i  3-DH5 | -75 | 75 | 2.553463 | KHz | Pass |
| Omega i + Omega o  3-DH5 | -75 | 75 | 3.360987 | KHz | Pass |
| Omega o  3-DH5 | -10 | 10 | 0.5786419 | KHz | Pass |
| DEVM RMS  3-DH5 |  | 13 | 5.128586 | % | Pass |
| DEVM Peak  3-DH5 |  | 25 | 12.72624 | % | Pass |
| DEVM 99%  3-DH5 |  | 20 | 9.300435 | % | Pass |
| Channel : 39 |  |  |  |  |  |
| Omega i  2-DH5 | -75 | 75 | 1.617432 | KHz | Pass |
| Omega i + Omega o  2-DH5 | -75 | 75 | 3.325701 | KHz | Pass |
| Omega o  2-DH5 | -10 | 10 | 1.535416 | KHz | Pass |
| DEVM RMS  2-DH5 |  | 20 | 5.095983 | % | Pass |
| DEVM Peak  2-DH5 |  | 35 | 12.09326 | % | Pass |
| DEVM 99%  2-DH5 |  | 30 | 9.300435 | % | Pass |
| Omega i  3-DH5 | -75 | 75 | 2.755642 | KHz | Pass |
| Omega i + Omega o  3-DH5 | -75 | 75 | 3.379107 | KHz | Pass |
| Omega o  3-DH5 | -10 | 10 | 0.3249645 | KHz | Pass |
| DEVM RMS  3-DH5 |  | 13 | 5.13804 | % | Pass |
| DEVM Peak  3-DH5 |  | 25 | 12.46243 | % | Pass |
| DEVM 99%  3-DH5 |  | 20 | 9.600449 | % | Pass |
| Channel : 78 |  |  |  |  |  |
| Omega i  2-DH5 | -75 | 75 | 2.920389 | KHz | Pass |
| Omega i + Omega o  2-DH5 | -75 | 75 | 3.326893 | KHz | Pass |
| Omega o  2-DH5 | -10 | 10 | 0.1251698 | KHz | Pass |
| DEVM RMS  2-DH5 |  | 20 | 5.374205 | % | Pass |
| DEVM Peak  2-DH5 |  | 35 | 12.80471 | % | Pass |
| DEVM 99%  2-DH5 |  | 30 | 9.700453 | % | Pass |
| Omega i  3-DH5 | -75 | 75 | 3.046751 | KHz | Pass |
| Omega i + Omega o  3-DH5 | -75 | 75 | 3.461123 | KHz | Pass |
| Omega o  3-DH5 | -10 | 10 | 0.030756 | KHz | Pass |
| DEVM RMS  3-DH5 |  | 13 | 5.470216 | % | Pass |
| DEVM Peak  3-DH5 |  | 25 | 13.20014 | % | Pass |
| DEVM 99%  3-DH5 |  | 20 | 9.700453 | % | Pass |

### RF/TRM/CA/BV-12-C [EDR Differential Phase Encoding]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 12 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Packets with 0 errors  2-DH5 | 99 |  |  | % |  |
| Packets with 0 errors  3-DH5 | 99 |  |  | % |  |
| Channel : 39 |  |  |  |  |  |
| Packets with 0 errors  2-DH5 | 99 |  |  | % |  |
| Packets with 0 errors  3-DH5 | 99 |  |  | % |  |
| Channel : 78 |  |  |  |  |  |
| Packets with 0 errors  2-DH5 | 99 |  |  | % |  |
| Packets with 0 errors  3-DH5 | 99 |  |  | % |  |

### RF/TRM/CA/BV-13-C [EDR In-band Spurious Emissions]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 13 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Packet Type: 2-DH5 |  |  |  |  |  |
| Channel : 3,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0  (Exception,limit set to -20dBm) |  | -20 | -41.87567 | dBm | Pass |
| ACPower: 1 |  | -20 | -34.89957 | dBm | Pass |
| ACPower: 2,  Ptx-26dB |  |  | -39.15503 | dBm | Pass |
| ACPower: 3,  Ptxref |  |  | -3.297455 | dBm | Pass |
| ACPower: 4,  Ptx-26dB |  |  | -37.73013 | dBm | Pass |
| ACPower: 5 |  | -20 | -35.79993 | dBm | Pass |
| ACPower: 6,  (Exception,limit set to -20dBm) |  | -20 | -42.15839 | dBm | Pass |
| ACPower: 7 |  | -40 | -44.33224 | dBm | Pass |
| ACPower: 8 |  | -40 | -44.35486 | dBm | Pass |
| ACPower: 9 |  | -40 | -44.44095 | dBm | Pass |
| ACPower: 10 |  | -40 | -44.92505 | dBm | Pass |
| ACPower: 11 |  | -40 | -44.82187 | dBm | Pass |
| ACPower: 12 |  | -40 | -44.88754 | dBm | Pass |
| ACPower: 13 |  | -40 | -44.65527 | dBm | Pass |
| ACPower: 14 |  | -40 | -44.66635 | dBm | Pass |
| ACPower: 15 |  | -40 | -44.41068 | dBm | Pass |
| ACPower: 16 |  | -40 | -44.46988 | dBm | Pass |
| ACPower: 17 |  | -40 | -43.90964 | dBm | Pass |
| ACPower: 18 |  | -40 | -44.6622 | dBm | Pass |
| ACPower: 19 |  | -40 | -44.12384 | dBm | Pass |
| ACPower: 20 |  | -40 | -44.97925 | dBm | Pass |
| ACPower: 21 |  | -40 | -44.33478 | dBm | Pass |
| ACPower: 22 |  | -40 | -44.97931 | dBm | Pass |
| ACPower: 23 |  | -40 | -44.763 | dBm | Pass |
| ACPower: 24 |  | -40 | -45.01663 | dBm | Pass |
| ACPower: 25 |  | -40 | -45.17249 | dBm | Pass |
| ACPower: 26 |  | -40 | -44.45477 | dBm | Pass |
| ACPower: 27 |  | -40 | -44.96356 | dBm | Pass |
| ACPower: 28 |  | -40 | -44.75275 | dBm | Pass |
| ACPower: 29 |  | -40 | -44.79974 | dBm | Pass |
| ACPower: 30 |  | -40 | -44.66714 | dBm | Pass |
| ACPower: 31 |  | -40 | -44.8396 | dBm | Pass |
| ACPower: 32 |  | -40 | -45.02451 | dBm | Pass |
| ACPower: 33 |  | -40 | -44.67441 | dBm | Pass |
| ACPower: 34 |  | -40 | -44.6315 | dBm | Pass |
| ACPower: 35 |  | -40 | -45.22308 | dBm | Pass |
| ACPower: 36 |  | -40 | -44.88599 | dBm | Pass |
| ACPower: 37 |  | -40 | -45.0582 | dBm | Pass |
| ACPower: 38 |  | -40 | -44.29953 | dBm | Pass |
| ACPower: 39 |  | -40 | -44.65289 | dBm | Pass |
| ACPower: 40 |  | -40 | -44.41727 | dBm | Pass |
| ACPower: 41 |  | -40 | -44.3793 | dBm | Pass |
| ACPower: 42 |  | -40 | -44.24368 | dBm | Pass |
| ACPower: 43 |  | -40 | -44.25385 | dBm | Pass |
| ACPower: 44 |  | -40 | -44.62045 | dBm | Pass |
| ACPower: 45 |  | -40 | -44.38791 | dBm | Pass |
| ACPower: 46 |  | -40 | -44.47397 | dBm | Pass |
| ACPower: 47 |  | -40 | -44.78391 | dBm | Pass |
| ACPower: 48 |  | -40 | -43.98434 | dBm | Pass |
| ACPower: 49 |  | -40 | -44.38022 | dBm | Pass |
| ACPower: 50 |  | -40 | -44.54489 | dBm | Pass |
| ACPower: 51 |  | -40 | -42.23572 | dBm | Pass |
| ACPower: 52 |  | -40 | -44.19815 | dBm | Pass |
| ACPower: 53 |  | -40 | -44.995 | dBm | Pass |
| ACPower: 54 |  | -40 | -44.48022 | dBm | Pass |
| ACPower: 55 |  | -40 | -44.88116 | dBm | Pass |
| ACPower: 56 |  | -40 | -44.55133 | dBm | Pass |
| ACPower: 57 |  | -40 | -44.02863 | dBm | Pass |
| ACPower: 58 |  | -40 | -44.28128 | dBm | Pass |
| ACPower: 59 |  | -40 | -44.49612 | dBm | Pass |
| ACPower: 60 |  | -40 | -44.65567 | dBm | Pass |
| ACPower: 61 |  | -40 | -44.74612 | dBm | Pass |
| ACPower: 62 |  | -40 | -44.19025 | dBm | Pass |
| ACPower: 63 |  | -40 | -44.69577 | dBm | Pass |
| ACPower: 64 |  | -40 | -44.63385 | dBm | Pass |
| ACPower: 65 |  | -40 | -43.84323 | dBm | Pass |
| ACPower: 66 |  | -40 | -43.66318 | dBm | Pass |
| ACPower: 67 |  | -40 | -43.07098 | dBm | Pass |
| ACPower: 68 |  | -40 | -43.02167 | dBm | Pass |
| ACPower: 69 |  | -40 | -43.78394 | dBm | Pass |
| ACPower: 70 |  | -40 | -43.93436 | dBm | Pass |
| ACPower: 71 |  | -40 | -44.29001 | dBm | Pass |
| ACPower: 72 |  | -40 | -43.89255 | dBm | Pass |
| ACPower: 73 |  | -40 | -44.08356 | dBm | Pass |
| ACPower: 74 |  | -40 | -44.33795 | dBm | Pass |
| ACPower: 75 |  | -40 | -43.42325 | dBm | Pass |
| ACPower: 76 |  | -40 | -43.90192 | dBm | Pass |
| ACPower: 77 |  | -40 | -44.44714 | dBm | Pass |
| ACPower: 78 |  | -40 | -44.19302 | dBm | Pass |
| Channel : 39,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0 |  | -40 | -44.50388 | dBm | Pass |
| ACPower: 1 |  | -40 | -44.49985 | dBm | Pass |
| ACPower: 2 |  | -40 | -44.80411 | dBm | Pass |
| ACPower: 3 |  | -40 | -44.53525 | dBm | Pass |
| ACPower: 4 |  | -40 | -45.15735 | dBm | Pass |
| ACPower: 5 |  | -40 | -44.92014 | dBm | Pass |
| ACPower: 6 |  | -40 | -45.46741 | dBm | Pass |
| ACPower: 7 |  | -40 | -44.95657 | dBm | Pass |
| ACPower: 8 |  | -40 | -45.01236 | dBm | Pass |
| ACPower: 9 |  | -40 | -44.94839 | dBm | Pass |
| ACPower: 10 |  | -40 | -45.26346 | dBm | Pass |
| ACPower: 11 |  | -40 | -44.46844 | dBm | Pass |
| ACPower: 12 |  | -40 | -44.64798 | dBm | Pass |
| ACPower: 13 |  | -40 | -44.83646 | dBm | Pass |
| ACPower: 14 |  | -40 | -44.81873 | dBm | Pass |
| ACPower: 15 |  | -40 | -45.19855 | dBm | Pass |
| ACPower: 16 |  | -40 | -44.76337 | dBm | Pass |
| ACPower: 17 |  | -40 | -44.64127 | dBm | Pass |
| ACPower: 18 |  | -40 | -44.93643 | dBm | Pass |
| ACPower: 19 |  | -40 | -45.05515 | dBm | Pass |
| ACPower: 20 |  | -40 | -44.52426 | dBm | Pass |
| ACPower: 21 |  | -40 | -44.94952 | dBm | Pass |
| ACPower: 22 |  | -40 | -44.55057 | dBm | Pass |
| ACPower: 23 |  | -40 | -44.71753 | dBm | Pass |
| ACPower: 24 |  | -40 | -44.21652 | dBm | Pass |
| ACPower: 25 |  | -40 | -44.86615 | dBm | Pass |
| ACPower: 26 |  | -40 | -44.09534 | dBm | Pass |
| ACPower: 27 |  | -40 | -44.27802 | dBm | Pass |
| ACPower: 28 |  | -40 | -44.05341 | dBm | Pass |
| ACPower: 29 |  | -40 | -44.39981 | dBm | Pass |
| ACPower: 30 |  | -40 | -43.90131 | dBm | Pass |
| ACPower: 31 |  | -40 | -44.97351 | dBm | Pass |
| ACPower: 32 |  | -40 | -44.17203 | dBm | Pass |
| ACPower: 33 |  | -40 | -44.2847 | dBm | Pass |
| ACPower: 34 |  | -40 | -44.42969 | dBm | Pass |
| ACPower: 35 |  | -40 | -43.06918 | dBm | Pass |
| ACPower: 36  (Exception,limit set to -20dBm) |  | -20 | -41.9841 | dBm | Pass |
| ACPower: 37 |  | -20 | -34.16568 | dBm | Pass |
| ACPower: 38,  Ptx-26dB |  |  | -38.21909 | dBm | Pass |
| ACPower: 39,  Ptxref |  |  | -2.252563 | dBm | Pass |
| ACPower: 40,  Ptx-26dB |  |  | -36.82535 | dBm | Pass |
| ACPower: 41 |  | -20 | -35.32385 | dBm | Pass |
| ACPower: 42,  (Exception,limit set to -20dBm) |  | -20 | -42.27094 | dBm | Pass |
| ACPower: 43 |  | -40 | -43.64093 | dBm | Pass |
| ACPower: 44 |  | -40 | -43.42853 | dBm | Pass |
| ACPower: 45 |  | -40 | -44.61591 | dBm | Pass |
| ACPower: 46 |  | -40 | -44.44604 | dBm | Pass |
| ACPower: 47 |  | -40 | -44.901 | dBm | Pass |
| ACPower: 48 |  | -40 | -44.88705 | dBm | Pass |
| ACPower: 49 |  | -40 | -44.48767 | dBm | Pass |
| ACPower: 50 |  | -40 | -44.89285 | dBm | Pass |
| ACPower: 51 |  | -40 | -44.32019 | dBm | Pass |
| ACPower: 52 |  | -40 | -43.77365 | dBm | Pass |
| ACPower: 53 |  | -40 | -44.35117 | dBm | Pass |
| ACPower: 54 |  | -40 | -44.33304 | dBm | Pass |
| ACPower: 55 |  | -40 | -44.44894 | dBm | Pass |
| ACPower: 56 |  | -40 | -44.53931 | dBm | Pass |
| ACPower: 57 |  | -40 | -44.57874 | dBm | Pass |
| ACPower: 58 |  | -40 | -44.68228 | dBm | Pass |
| ACPower: 59 |  | -40 | -44.80847 | dBm | Pass |
| ACPower: 60 |  | -40 | -44.47546 | dBm | Pass |
| ACPower: 61 |  | -40 | -44.57159 | dBm | Pass |
| ACPower: 62 |  | -40 | -44.37457 | dBm | Pass |
| ACPower: 63 |  | -40 | -44.28799 | dBm | Pass |
| ACPower: 64 |  | -40 | -44.38687 | dBm | Pass |
| ACPower: 65 |  | -40 | -44.25076 | dBm | Pass |
| ACPower: 66 |  | -40 | -44.56073 | dBm | Pass |
| ACPower: 67 |  | -40 | -44.80136 | dBm | Pass |
| ACPower: 68 |  | -40 | -44.78867 | dBm | Pass |
| ACPower: 69 |  | -40 | -44.99918 | dBm | Pass |
| ACPower: 70 |  | -40 | -44.19949 | dBm | Pass |
| ACPower: 71 |  | -40 | -44.28159 | dBm | Pass |
| ACPower: 72 |  | -40 | -44.81088 | dBm | Pass |
| ACPower: 73 |  | -40 | -44.27069 | dBm | Pass |
| ACPower: 74 |  | -40 | -43.94901 | dBm | Pass |
| ACPower: 75 |  | -40 | -44.76569 | dBm | Pass |
| ACPower: 76 |  | -40 | -44.75314 | dBm | Pass |
| ACPower: 77 |  | -40 | -44.4968 | dBm | Pass |
| ACPower: 78 |  | -40 | -44.74213 | dBm | Pass |
| Channel : 75,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0 |  | -40 | -44.58881 | dBm | Pass |
| ACPower: 1 |  | -40 | -44.88312 | dBm | Pass |
| ACPower: 2 |  | -40 | -44.52817 | dBm | Pass |
| ACPower: 3 |  | -40 | -44.47214 | dBm | Pass |
| ACPower: 4 |  | -40 | -45.10989 | dBm | Pass |
| ACPower: 5 |  | -40 | -44.84122 | dBm | Pass |
| ACPower: 6 |  | -40 | -44.56439 | dBm | Pass |
| ACPower: 7 |  | -40 | -44.46924 | dBm | Pass |
| ACPower: 8 |  | -40 | -44.17239 | dBm | Pass |
| ACPower: 9 |  | -40 | -44.62149 | dBm | Pass |
| ACPower: 10 |  | -40 | -44.22629 | dBm | Pass |
| ACPower: 11 |  | -40 | -44.4227 | dBm | Pass |
| ACPower: 12 |  | -40 | -44.01572 | dBm | Pass |
| ACPower: 13 |  | -40 | -44.4216 | dBm | Pass |
| ACPower: 14 |  | -40 | -44.94839 | dBm | Pass |
| ACPower: 15 |  | -40 | -44.97269 | dBm | Pass |
| ACPower: 16 |  | -40 | -44.92584 | dBm | Pass |
| ACPower: 17 |  | -40 | -44.67599 | dBm | Pass |
| ACPower: 18 |  | -40 | -44.50131 | dBm | Pass |
| ACPower: 19 |  | -40 | -44.67838 | dBm | Pass |
| ACPower: 20 |  | -40 | -44.98181 | dBm | Pass |
| ACPower: 21 |  | -40 | -44.58627 | dBm | Pass |
| ACPower: 22 |  | -40 | -45.1514 | dBm | Pass |
| ACPower: 23 |  | -40 | -44.53671 | dBm | Pass |
| ACPower: 24 |  | -40 | -44.63541 | dBm | Pass |
| ACPower: 25 |  | -40 | -44.13983 | dBm | Pass |
| ACPower: 26 |  | -40 | -44.7355 | dBm | Pass |
| ACPower: 27 |  | -40 | -43.04504 | dBm | Pass |
| ACPower: 28 |  | -40 | -44.30173 | dBm | Pass |
| ACPower: 29 |  | -40 | -44.19446 | dBm | Pass |
| ACPower: 30 |  | -40 | -44.45895 | dBm | Pass |
| ACPower: 31 |  | -40 | -44.34088 | dBm | Pass |
| ACPower: 32 |  | -40 | -44.34662 | dBm | Pass |
| ACPower: 33 |  | -40 | -44.26541 | dBm | Pass |
| ACPower: 34 |  | -40 | -44.75198 | dBm | Pass |
| ACPower: 35 |  | -40 | -44.66483 | dBm | Pass |
| ACPower: 36 |  | -40 | -44.8356 | dBm | Pass |
| ACPower: 37 |  | -40 | -44.22873 | dBm | Pass |
| ACPower: 38 |  | -40 | -44.51953 | dBm | Pass |
| ACPower: 39 |  | -40 | -44.32767 | dBm | Pass |
| ACPower: 40 |  | -40 | -44.46597 | dBm | Pass |
| ACPower: 41 |  | -40 | -44.87579 | dBm | Pass |
| ACPower: 42 |  | -40 | -44.40738 | dBm | Pass |
| ACPower: 43 |  | -40 | -44.41098 | dBm | Pass |
| ACPower: 44 |  | -40 | -44.53632 | dBm | Pass |
| ACPower: 45 |  | -40 | -44.39954 | dBm | Pass |
| ACPower: 46 |  | -40 | -44.39008 | dBm | Pass |
| ACPower: 47 |  | -40 | -44.81323 | dBm | Pass |
| ACPower: 48 |  | -40 | -44.50656 | dBm | Pass |
| ACPower: 49 |  | -40 | -44.69733 | dBm | Pass |
| ACPower: 50 |  | -40 | -43.99103 | dBm | Pass |
| ACPower: 51 |  | -40 | -44.44669 | dBm | Pass |
| ACPower: 52 |  | -40 | -44.13614 | dBm | Pass |
| ACPower: 53 |  | -40 | -44.34723 | dBm | Pass |
| ACPower: 54 |  | -40 | -44.62732 | dBm | Pass |
| ACPower: 55 |  | -40 | -45.04187 | dBm | Pass |
| ACPower: 56 |  | -40 | -44.5976 | dBm | Pass |
| ACPower: 57 |  | -40 | -44.46323 | dBm | Pass |
| ACPower: 58 |  | -40 | -44.3476 | dBm | Pass |
| ACPower: 59 |  | -40 | -44.38831 | dBm | Pass |
| ACPower: 60 |  | -40 | -44.65878 | dBm | Pass |
| ACPower: 61 |  | -40 | -44.32663 | dBm | Pass |
| ACPower: 62 |  | -40 | -44.54794 | dBm | Pass |
| ACPower: 63 |  | -40 | -44.25974 | dBm | Pass |
| ACPower: 64 |  | -40 | -44.13641 | dBm | Pass |
| ACPower: 65 |  | -40 | -44.18613 | dBm | Pass |
| ACPower: 66 |  | -40 | -44.98257 | dBm | Pass |
| ACPower: 67 |  | -40 | -44.63998 | dBm | Pass |
| ACPower: 68 |  | -40 | -44.5452 | dBm | Pass |
| ACPower: 69 |  | -40 | -44.47876 | dBm | Pass |
| ACPower: 70 |  | -40 | -44.32336 | dBm | Pass |
| ACPower: 71 |  | -40 | -43.40414 | dBm | Pass |
| ACPower: 72  (Exception,limit set to -20dBm) |  | -20 | -40.89835 | dBm | Pass |
| ACPower: 73 |  | -20 | -34.39078 | dBm | Pass |
| ACPower: 74,  Ptx-26dB |  |  | -37.99133 | dBm | Pass |
| ACPower: 75,  Ptxref |  |  | -1.98642 | dBm | Pass |
| ACPower: 76,  Ptx-26dB |  |  | -36.50381 | dBm | Pass |
| ACPower: 77 |  | -20 | -35.0029 | dBm | Pass |
| ACPower: 78,  (Exception,limit set to -20dBm) |  | -20 | -42.26645 | dBm | Pass |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 14 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Packet Type: 3-DH5 |  |  |  |  |  |
| Channel : 3,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0  (Exception,limit set to -20dBm) |  | -20 | -42.29993 | dBm | Pass |
| ACPower: 1 |  | -20 | -33.99796 | dBm | Pass |
| ACPower: 2,  Ptx-26dB |  |  | -38.62677 | dBm | Pass |
| ACPower: 3,  Ptxref |  |  | -2.442566 | dBm | Pass |
| ACPower: 4,  Ptx-26dB |  |  | -38.28683 | dBm | Pass |
| ACPower: 5 |  | -20 | -34.63672 | dBm | Pass |
| ACPower: 6,  (Exception,limit set to -20dBm) |  | -20 | -43.32324 | dBm | Pass |
| ACPower: 7 |  | -40 | -43.97516 | dBm | Pass |
| ACPower: 8 |  | -40 | -43.89572 | dBm | Pass |
| ACPower: 9 |  | -40 | -44.4707 | dBm | Pass |
| ACPower: 10 |  | -40 | -44.68097 | dBm | Pass |
| ACPower: 11 |  | -40 | -44.57938 | dBm | Pass |
| ACPower: 12 |  | -40 | -44.80127 | dBm | Pass |
| ACPower: 13 |  | -40 | -44.6962 | dBm | Pass |
| ACPower: 14 |  | -40 | -44.83551 | dBm | Pass |
| ACPower: 15 |  | -40 | -44.92984 | dBm | Pass |
| ACPower: 16 |  | -40 | -44.97931 | dBm | Pass |
| ACPower: 17 |  | -40 | -44.42639 | dBm | Pass |
| ACPower: 18 |  | -40 | -44.52353 | dBm | Pass |
| ACPower: 19 |  | -40 | -44.97766 | dBm | Pass |
| ACPower: 20 |  | -40 | -44.91357 | dBm | Pass |
| ACPower: 21 |  | -40 | -45.09283 | dBm | Pass |
| ACPower: 22 |  | -40 | -44.84119 | dBm | Pass |
| ACPower: 23 |  | -40 | -44.60562 | dBm | Pass |
| ACPower: 24 |  | -40 | -45.28513 | dBm | Pass |
| ACPower: 25 |  | -40 | -44.73819 | dBm | Pass |
| ACPower: 26 |  | -40 | -44.77148 | dBm | Pass |
| ACPower: 27 |  | -40 | -44.67993 | dBm | Pass |
| ACPower: 28 |  | -40 | -44.55316 | dBm | Pass |
| ACPower: 29 |  | -40 | -44.89276 | dBm | Pass |
| ACPower: 30 |  | -40 | -44.51242 | dBm | Pass |
| ACPower: 31 |  | -40 | -44.71677 | dBm | Pass |
| ACPower: 32 |  | -40 | -44.80084 | dBm | Pass |
| ACPower: 33 |  | -40 | -44.77673 | dBm | Pass |
| ACPower: 34 |  | -40 | -44.74725 | dBm | Pass |
| ACPower: 35 |  | -40 | -44.22726 | dBm | Pass |
| ACPower: 36 |  | -40 | -44.94135 | dBm | Pass |
| ACPower: 37 |  | -40 | -45.03174 | dBm | Pass |
| ACPower: 38 |  | -40 | -44.7543 | dBm | Pass |
| ACPower: 39 |  | -40 | -44.27844 | dBm | Pass |
| ACPower: 40 |  | -40 | -44.4136 | dBm | Pass |
| ACPower: 41 |  | -40 | -44.37854 | dBm | Pass |
| ACPower: 42 |  | -40 | -44.49243 | dBm | Pass |
| ACPower: 43 |  | -40 | -44.51239 | dBm | Pass |
| ACPower: 44 |  | -40 | -44.51587 | dBm | Pass |
| ACPower: 45 |  | -40 | -44.43481 | dBm | Pass |
| ACPower: 46 |  | -40 | -44.58475 | dBm | Pass |
| ACPower: 47 |  | -40 | -44.87549 | dBm | Pass |
| ACPower: 48 |  | -40 | -44.72284 | dBm | Pass |
| ACPower: 49 |  | -40 | -43.95798 | dBm | Pass |
| ACPower: 50 |  | -40 | -44.65063 | dBm | Pass |
| ACPower: 51 |  | -40 | -42.56683 | dBm | Pass |
| ACPower: 52 |  | -40 | -44.45825 | dBm | Pass |
| ACPower: 53 |  | -40 | -44.94507 | dBm | Pass |
| ACPower: 54 |  | -40 | -44.04532 | dBm | Pass |
| ACPower: 55 |  | -40 | -44.58218 | dBm | Pass |
| ACPower: 56 |  | -40 | -44.30637 | dBm | Pass |
| ACPower: 57 |  | -40 | -44.30847 | dBm | Pass |
| ACPower: 58 |  | -40 | -44.49356 | dBm | Pass |
| ACPower: 59 |  | -40 | -44.57901 | dBm | Pass |
| ACPower: 60 |  | -40 | -44.51245 | dBm | Pass |
| ACPower: 61 |  | -40 | -44.44394 | dBm | Pass |
| ACPower: 62 |  | -40 | -44.64307 | dBm | Pass |
| ACPower: 63 |  | -40 | -44.53256 | dBm | Pass |
| ACPower: 64 |  | -40 | -44.20715 | dBm | Pass |
| ACPower: 65 |  | -40 | -44.26785 | dBm | Pass |
| ACPower: 66 |  | -40 | -43.47974 | dBm | Pass |
| ACPower: 67 |  | -40 | -43.37726 | dBm | Pass |
| ACPower: 68 |  | -40 | -44.05103 | dBm | Pass |
| ACPower: 69 |  | -40 | -44.01245 | dBm | Pass |
| ACPower: 70 |  | -40 | -43.7793 | dBm | Pass |
| ACPower: 71 |  | -40 | -44.11063 | dBm | Pass |
| ACPower: 72 |  | -40 | -44.72766 | dBm | Pass |
| ACPower: 73 |  | -40 | -44.5596 | dBm | Pass |
| ACPower: 74 |  | -40 | -43.97409 | dBm | Pass |
| ACPower: 75 |  | -40 | -43.35864 | dBm | Pass |
| ACPower: 76 |  | -40 | -44.00323 | dBm | Pass |
| ACPower: 77 |  | -40 | -44.94345 | dBm | Pass |
| ACPower: 78 |  | -40 | -43.74213 | dBm | Pass |
| Channel : 39,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0 |  | -40 | -44.32123 | dBm | Pass |
| ACPower: 1 |  | -40 | -44.02213 | dBm | Pass |
| ACPower: 2 |  | -40 | -44.41113 | dBm | Pass |
| ACPower: 3 |  | -40 | -44.51694 | dBm | Pass |
| ACPower: 4 |  | -40 | -44.6004 | dBm | Pass |
| ACPower: 5 |  | -40 | -44.63913 | dBm | Pass |
| ACPower: 6 |  | -40 | -44.88428 | dBm | Pass |
| ACPower: 7 |  | -40 | -44.88104 | dBm | Pass |
| ACPower: 8 |  | -40 | -44.71359 | dBm | Pass |
| ACPower: 9 |  | -40 | -45.25165 | dBm | Pass |
| ACPower: 10 |  | -40 | -44.38794 | dBm | Pass |
| ACPower: 11 |  | -40 | -44.69272 | dBm | Pass |
| ACPower: 12 |  | -40 | -44.96313 | dBm | Pass |
| ACPower: 13 |  | -40 | -45.08737 | dBm | Pass |
| ACPower: 14 |  | -40 | -45.1709 | dBm | Pass |
| ACPower: 15 |  | -40 | -44.80927 | dBm | Pass |
| ACPower: 16 |  | -40 | -45.05313 | dBm | Pass |
| ACPower: 17 |  | -40 | -45.25342 | dBm | Pass |
| ACPower: 18 |  | -40 | -44.82883 | dBm | Pass |
| ACPower: 19 |  | -40 | -45.14325 | dBm | Pass |
| ACPower: 20 |  | -40 | -44.61768 | dBm | Pass |
| ACPower: 21 |  | -40 | -44.0274 | dBm | Pass |
| ACPower: 22 |  | -40 | -44.19858 | dBm | Pass |
| ACPower: 23 |  | -40 | -44.30957 | dBm | Pass |
| ACPower: 24 |  | -40 | -44.70969 | dBm | Pass |
| ACPower: 25 |  | -40 | -45.03009 | dBm | Pass |
| ACPower: 26 |  | -40 | -44.92914 | dBm | Pass |
| ACPower: 27 |  | -40 | -44.15488 | dBm | Pass |
| ACPower: 28 |  | -40 | -44.00916 | dBm | Pass |
| ACPower: 29 |  | -40 | -44.34198 | dBm | Pass |
| ACPower: 30 |  | -40 | -44.03391 | dBm | Pass |
| ACPower: 31 |  | -40 | -44.1312 | dBm | Pass |
| ACPower: 32 |  | -40 | -44.37817 | dBm | Pass |
| ACPower: 33 |  | -40 | -43.71393 | dBm | Pass |
| ACPower: 34 |  | -40 | -43.8111 | dBm | Pass |
| ACPower: 35 |  | -40 | -43.26376 | dBm | Pass |
| ACPower: 36  (Exception,limit set to -20dBm) |  | -20 | -40.89172 | dBm | Pass |
| ACPower: 37 |  | -20 | -33.57797 | dBm | Pass |
| ACPower: 38,  Ptx-26dB |  |  | -37.80957 | dBm | Pass |
| ACPower: 39,  Ptxref |  |  | -1.528961 | dBm | Pass |
| ACPower: 40,  Ptx-26dB |  |  | -37.39682 | dBm | Pass |
| ACPower: 41 |  | -20 | -34.47284 | dBm | Pass |
| ACPower: 42,  (Exception,limit set to -20dBm) |  | -20 | -42.1373 | dBm | Pass |
| ACPower: 43 |  | -40 | -43.12119 | dBm | Pass |
| ACPower: 44 |  | -40 | -43.88293 | dBm | Pass |
| ACPower: 45 |  | -40 | -44.31775 | dBm | Pass |
| ACPower: 46 |  | -40 | -44.12195 | dBm | Pass |
| ACPower: 47 |  | -40 | -44.75827 | dBm | Pass |
| ACPower: 48 |  | -40 | -44.16544 | dBm | Pass |
| ACPower: 49 |  | -40 | -44.75076 | dBm | Pass |
| ACPower: 50 |  | -40 | -44.25705 | dBm | Pass |
| ACPower: 51 |  | -40 | -44.28802 | dBm | Pass |
| ACPower: 52 |  | -40 | -44.04272 | dBm | Pass |
| ACPower: 53 |  | -40 | -43.72995 | dBm | Pass |
| ACPower: 54 |  | -40 | -44.62198 | dBm | Pass |
| ACPower: 55 |  | -40 | -44.44278 | dBm | Pass |
| ACPower: 56 |  | -40 | -44.02173 | dBm | Pass |
| ACPower: 57 |  | -40 | -44.12085 | dBm | Pass |
| ACPower: 58 |  | -40 | -44.16541 | dBm | Pass |
| ACPower: 59 |  | -40 | -44.49203 | dBm | Pass |
| ACPower: 60 |  | -40 | -43.9913 | dBm | Pass |
| ACPower: 61 |  | -40 | -44.74536 | dBm | Pass |
| ACPower: 62 |  | -40 | -44.32803 | dBm | Pass |
| ACPower: 63 |  | -40 | -44.63263 | dBm | Pass |
| ACPower: 64 |  | -40 | -44.42441 | dBm | Pass |
| ACPower: 65 |  | -40 | -45.03595 | dBm | Pass |
| ACPower: 66 |  | -40 | -44.23318 | dBm | Pass |
| ACPower: 67 |  | -40 | -44.43112 | dBm | Pass |
| ACPower: 68 |  | -40 | -44.21722 | dBm | Pass |
| ACPower: 69 |  | -40 | -44.27356 | dBm | Pass |
| ACPower: 70 |  | -40 | -44.48471 | dBm | Pass |
| ACPower: 71 |  | -40 | -44.53256 | dBm | Pass |
| ACPower: 72 |  | -40 | -44.23215 | dBm | Pass |
| ACPower: 73 |  | -40 | -44.42459 | dBm | Pass |
| ACPower: 74 |  | -40 | -44.27457 | dBm | Pass |
| ACPower: 75 |  | -40 | -43.82599 | dBm | Pass |
| ACPower: 76 |  | -40 | -44.76886 | dBm | Pass |
| ACPower: 77 |  | -40 | -44.78821 | dBm | Pass |
| ACPower: 78 |  | -40 | -44.45093 | dBm | Pass |
| Channel : 75,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0 |  | -40 | -44.72137 | dBm | Pass |
| ACPower: 1 |  | -40 | -44.52579 | dBm | Pass |
| ACPower: 2 |  | -40 | -45.02002 | dBm | Pass |
| ACPower: 3 |  | -40 | -44.7709 | dBm | Pass |
| ACPower: 4 |  | -40 | -44.83282 | dBm | Pass |
| ACPower: 5 |  | -40 | -44.77237 | dBm | Pass |
| ACPower: 6 |  | -40 | -45.24719 | dBm | Pass |
| ACPower: 7 |  | -40 | -44.67105 | dBm | Pass |
| ACPower: 8 |  | -40 | -45.07123 | dBm | Pass |
| ACPower: 9 |  | -40 | -44.5976 | dBm | Pass |
| ACPower: 10 |  | -40 | -45.15356 | dBm | Pass |
| ACPower: 11 |  | -40 | -44.71982 | dBm | Pass |
| ACPower: 12 |  | -40 | -44.896 | dBm | Pass |
| ACPower: 13 |  | -40 | -44.9953 | dBm | Pass |
| ACPower: 14 |  | -40 | -45.01498 | dBm | Pass |
| ACPower: 15 |  | -40 | -44.77353 | dBm | Pass |
| ACPower: 16 |  | -40 | -44.89041 | dBm | Pass |
| ACPower: 17 |  | -40 | -44.89612 | dBm | Pass |
| ACPower: 18 |  | -40 | -44.88593 | dBm | Pass |
| ACPower: 19 |  | -40 | -44.85849 | dBm | Pass |
| ACPower: 20 |  | -40 | -44.6395 | dBm | Pass |
| ACPower: 21 |  | -40 | -44.43686 | dBm | Pass |
| ACPower: 22 |  | -40 | -45.04187 | dBm | Pass |
| ACPower: 23 |  | -40 | -44.68149 | dBm | Pass |
| ACPower: 24 |  | -40 | -44.59729 | dBm | Pass |
| ACPower: 25 |  | -40 | -44.81604 | dBm | Pass |
| ACPower: 26 |  | -40 | -44.22543 | dBm | Pass |
| ACPower: 27 |  | -40 | -44.57315 | dBm | Pass |
| ACPower: 28 |  | -40 | -44.31021 | dBm | Pass |
| ACPower: 29 |  | -40 | -44.31482 | dBm | Pass |
| ACPower: 30 |  | -40 | -44.97845 | dBm | Pass |
| ACPower: 31 |  | -40 | -44.38785 | dBm | Pass |
| ACPower: 32 |  | -40 | -44.75827 | dBm | Pass |
| ACPower: 33 |  | -40 | -44.81598 | dBm | Pass |
| ACPower: 34 |  | -40 | -44.81039 | dBm | Pass |
| ACPower: 35 |  | -40 | -44.88593 | dBm | Pass |
| ACPower: 36 |  | -40 | -44.88068 | dBm | Pass |
| ACPower: 37 |  | -40 | -44.81882 | dBm | Pass |
| ACPower: 38 |  | -40 | -44.81082 | dBm | Pass |
| ACPower: 39 |  | -40 | -44.43103 | dBm | Pass |
| ACPower: 40 |  | -40 | -44.61545 | dBm | Pass |
| ACPower: 41 |  | -40 | -44.68881 | dBm | Pass |
| ACPower: 42 |  | -40 | -44.75388 | dBm | Pass |
| ACPower: 43 |  | -40 | -44.07242 | dBm | Pass |
| ACPower: 44 |  | -40 | -44.66138 | dBm | Pass |
| ACPower: 45 |  | -40 | -44.74612 | dBm | Pass |
| ACPower: 46 |  | -40 | -44.72403 | dBm | Pass |
| ACPower: 47 |  | -40 | -44.90213 | dBm | Pass |
| ACPower: 48 |  | -40 | -44.01385 | dBm | Pass |
| ACPower: 49 |  | -40 | -44.43549 | dBm | Pass |
| ACPower: 50 |  | -40 | -44.1218 | dBm | Pass |
| ACPower: 51 |  | -40 | -44.03342 | dBm | Pass |
| ACPower: 52 |  | -40 | -44.26541 | dBm | Pass |
| ACPower: 53 |  | -40 | -44.38037 | dBm | Pass |
| ACPower: 54 |  | -40 | -44.67487 | dBm | Pass |
| ACPower: 55 |  | -40 | -45.00623 | dBm | Pass |
| ACPower: 56 |  | -40 | -44.45078 | dBm | Pass |
| ACPower: 57 |  | -40 | -44.46851 | dBm | Pass |
| ACPower: 58 |  | -40 | -44.64978 | dBm | Pass |
| ACPower: 59 |  | -40 | -44.79495 | dBm | Pass |
| ACPower: 60 |  | -40 | -44.61887 | dBm | Pass |
| ACPower: 61 |  | -40 | -44.59491 | dBm | Pass |
| ACPower: 62 |  | -40 | -44.49097 | dBm | Pass |
| ACPower: 63 |  | -40 | -43.90906 | dBm | Pass |
| ACPower: 64 |  | -40 | -44.3298 | dBm | Pass |
| ACPower: 65 |  | -40 | -44.58368 | dBm | Pass |
| ACPower: 66 |  | -40 | -44.04538 | dBm | Pass |
| ACPower: 67 |  | -40 | -44.35626 | dBm | Pass |
| ACPower: 68 |  | -40 | -44.02536 | dBm | Pass |
| ACPower: 69 |  | -40 | -43.50317 | dBm | Pass |
| ACPower: 70 |  | -40 | -43.60281 | dBm | Pass |
| ACPower: 71 |  | -40 | -42.92368 | dBm | Pass |
| ACPower: 72  (Exception,limit set to -20dBm) |  | -20 | -41.83566 | dBm | Pass |
| ACPower: 73 |  | -20 | -33.95288 | dBm | Pass |
| ACPower: 74,  Ptx-26dB |  |  | -37.79785 | dBm | Pass |
| ACPower: 75,  Ptxref |  |  | -1.184265 | dBm | Pass |
| ACPower: 76,  Ptx-26dB |  |  | -37.17459 | dBm | Pass |
| ACPower: 77 |  | -20 | -33.94452 | dBm | Pass |
| ACPower: 78,  (Exception,limit set to -20dBm) |  | -20 | -41.55826 | dBm | Pass |

### RF/TRM/CA/BV-14-C [Enhanced Power Control]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 15 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:0 |  |  |  |  |  |
| Power at Maximum |  |  | 8.007019 | dBm | Pass |
| Power Step Down | 2 | 8 | 5.85733 | dB | Pass |
| Power Step Down | 2 | 8 | 3.1147769 | dB | Pass |
| Power Step Down | 2 | 8 | 3.8248291 | dB | Pass |
| Power Step Down | 2 | 8 | 3.206573 | dB | Pass |
| Power Step Down | 2 | 8 | 3.18008 | dB | Pass |
| Power at Minimum |  | 4 | -23.75482 | dBm | Pass |
| Power Step Up | 2 | 8 | 6.85016 | dB | Pass |
| Power Step Up | 2 | 8 | 5.72278 | dB | Pass |
| Power Step Up | 2 | 8 | 3.223903 | dB | Pass |
| Power Step Up | 2 | 8 | 3.17688 | dB | Pass |
| Power Step Up | 2 | 8 | 3.8039852 | dB | Pass |
| Power at Maximum |  |  | 8.024689 | dBm | Pass |
| Channel:39 |  |  |  |  |  |
| Power at Maximum |  |  | 8.787384 | dBm | Pass |
| Power Step Down | 2 | 8 | 5.592499 | dB | Pass |
| Power Step Down | 2 | 8 | 3.0022886 | dB | Pass |
| Power Step Down | 2 | 8 | 3.9184874 | dB | Pass |
| Power Step Down | 2 | 8 | 3.24173 | dB | Pass |
| Power Step Down | 2 | 8 | 3.179379 | dB | Pass |
| Power at Minimum |  | 4 | -22.71054 | dBm | Pass |
| Power Step Up | 2 | 8 | 6.82794 | dB | Pass |
| Power Step Up | 2 | 8 | 5.70172 | dB | Pass |
| Power Step Up | 2 | 8 | 3.20563 | dB | Pass |
| Power Step Up | 2 | 8 | 3.235168 | dB | Pass |
| Power Step Up | 2 | 8 | 3.8586123 | dB | Pass |
| Power at Maximum |  |  | 8.775024 | dBm | Pass |
| Channel:78 |  |  |  |  |  |
| Power at Maximum |  |  | 8.75473 | dBm | Pass |
| Power Step Down | 2 | 8 | 5.355133 | dB | Pass |
| Power Step Down | 2 | 8 | 3.0139464 | dB | Pass |
| Power Step Down | 2 | 8 | 3.9317016 | dB | Pass |
| Power Step Down | 2 | 8 | 3.250427 | dB | Pass |
| Power Step Down | 2 | 8 | 3.200867 | dB | Pass |
| Power at Minimum |  | 4 | -22.61313 | dBm | Pass |
| Power Step Up | 2 | 8 | 6.88703 | dB | Pass |
| Power Step Up | 2 | 8 | 5.69348 | dB | Pass |
| Power Step Up | 2 | 8 | 3.24191 | dB | Pass |
| Power Step Up | 2 | 8 | 3.26474 | dB | Pass |
| Power Step Up | 2 | 8 | 3.9012141 | dB | Pass |
| Power at Maximum |  |  | 8.762115 | dBm | Pass |

### RF/RCV/CA/BV-01-C [Sensitivity – single slot packets]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 16 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel: 0 |  | -70 | -95 | dBm | Pass |
| Channel: 39 |  | -70 |  | dBm |  |
| Channel: 78 |  | -70 | -95 | dBm | Pass |

### RF/RCV/CA/BV-02-C [Sensitivity - multi-slot packets]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 17 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel: 0 |  | -70 | -95 | dBm | Pass |
| Channel: 39 |  | -70 |  | dBm |  |
| Channel: 78 |  | -70 | -95 | dBm | Pass |

### RF/RCV/CA/BV-03-C [C/I Performance]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 18 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Image Frequency: -2MHz |  |  |  |  |  |
| Channel: 3 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 11 | 9 | dB | Pass |
| C/I : Adjacent (+1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 | -16 | dB | Pass |
| C/I : Adjacent (-1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 | -14 | dB | Pass |
| C/I : Adjacent (+2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -30 | -37 | dB | Pass |
| C/I : Adjacent (-2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -9 | -30 | dB | Pass |
| C/I : Adjacent (+3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 | -40 | dB | Pass |
| C/I : Adjacent (-3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -20 | -40 | dB | Pass |
| C/I : Adjacent (+4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 | -44 | dB | Pass |
| C/I : Adjacent (-4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 | -43 | dB | Pass |
| Channel: 39 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 11 |  | dB |  |
| C/I : Adjacent (+1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (+2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -30 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -9 |  | dB |  |
| C/I : Adjacent (+3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| C/I : Adjacent (-3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -20 |  | dB |  |
| C/I : Adjacent (+4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| Channel: 75 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 11 |  | dB |  |
| C/I : Adjacent (+1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (+2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -30 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -9 |  | dB |  |
| C/I : Adjacent (+3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| C/I : Adjacent (-3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -20 |  | dB |  |
| C/I : Adjacent (+4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |

### RF/RCV/CA/BV-04-C [Blocking Performance]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 19 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Exceptions Points < 24, Interfering Signal Power Level Test |  |  |  |  |  |
| Interfering Signal Frequency:  30 MHz – 2000 MHz | -10 |  |  | dBm |  |
| Interfering Signal Frequency:  2000 – 2400 MHz | -27 |  |  | dBm |  |
| Interfering Signal Frequency:  2500 – 3000 MHz | -27 |  |  | dBm |  |
| Interfering Signal Frequency:  3000 MHz – 12.75 GHz | -10 |  |  | dBm |  |

### RF/RCV/CA/BV-05-C [Intermodulation Performance]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 20 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| fTX=2f1-f2 and  |f2-f1| = n \* 1 MHz, n=3\4\5, BER < 0.1%, RX Level:-64 |  |  |  |  |  |
| Channel: 0 |  |  |  |  |  |
| Interfering Signal Level | -39 |  |  | dBm |  |
| Channel: 39 |  |  |  |  |  |
| Interfering Signal Level | -39 |  |  | dBm |  |
| Channel: 78 |  |  |  |  |  |
| Interfering Signal Level | -39 |  |  | dBm |  |

### RF/RCV/CA/BV-06-C [Maximum Input Level]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 21 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Max.RX Level, Channel: 0 | -20 |  |  | dBm |  |
| Max.RX Level, Channel: 39 | -20 |  |  | dBm |  |
| Max.RX Level, Channel: 78 | -20 |  |  | dBm |  |

### RF/RCV/CA/BV-07-C [EDR Sensitivity]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 22 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| 2-DH5 |  |  |  |  |  |
| Channel: 0 |  | -70 | -94 | dBm | Pass |
| Channel: 39 |  | -70 |  | dBm |  |
| Channel: 78 |  | -70 | -94 | dBm | Pass |
| 3-DH5 |  |  |  |  |  |
| Channel: 0 |  | -70 | -87 | dBm | Pass |
| Channel: 39 |  | -70 |  | dBm |  |
| Channel: 78 |  | -70 | -86.5 | dBm | Pass |

### RF/RCV/CA/BV-08-C [EDR BER Floor Performance]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 23 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| 2-DH5, RX Level: -60dBm |  |  |  |  |  |
| BER: @ Channel: 0 |  | 0.000007 |  |  |  |
| BER: @ Channel: 39 |  | 0.000007 |  |  |  |
| BER: @ Channel: 78 |  | 0.000007 |  |  |  |
| 3-DH5, RX Level: -60dBm |  |  |  |  |  |
| BER: @ Channel: 0 |  | 0.000007 |  |  |  |
| BER: @ Channel: 39 |  | 0.000007 |  |  |  |
| BER: @ Channel: 78 |  | 0.000007 |  |  |  |

### RF/RCV/CA/BV-09-C [EDR C/I Performance]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 24 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| 2-DH5 |  |  |  |  |  |
| Image Frequency: -2MHz |  |  |  |  |  |
| Channel: 3 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 13 | 9 | dB | Pass |
| C/I : Adjacent (+1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 | -15 | dB | Pass |
| C/I : Adjacent (-1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 | -14 | dB | Pass |
| C/I : Adjacent (+2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -30 | -37 | dB | Pass |
| C/I : Adjacent (-2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -7 | -39 | dB | Pass |
| C/I : Adjacent (+3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 | -45 | dB | Pass |
| C/I : Adjacent (-3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -20 | -45 | dB | Pass |
| C/I : Adjacent (+4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 | -48 | dB | Pass |
| C/I : Adjacent (-4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 | -47 | dB | Pass |
| Channel: 39 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 13 |  | dB |  |
| C/I : Adjacent (+1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (+2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -30 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -7 |  | dB |  |
| C/I : Adjacent (+3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| C/I : Adjacent (-3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -20 |  | dB |  |
| C/I : Adjacent (+4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| Channel: 75 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 13 |  | dB |  |
| C/I : Adjacent (+1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (+2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -30 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -7 |  | dB |  |
| C/I : Adjacent (+3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| C/I : Adjacent (-3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -20 |  | dB |  |
| C/I : Adjacent (+4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -40 |  | dB |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 25 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| 3-DH5 |  |  |  |  |  |
| Image Frequency: -2MHz |  |  |  |  |  |
| Channel: 3 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 21 | 16 | dB | Pass |
| C/I : Adjacent (+1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 5 | -8 | dB | Pass |
| C/I : Adjacent (-1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 5 | -6 | dB | Pass |
| C/I : Adjacent (+2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -25 | -31 | dB | Pass |
| C/I : Adjacent (-2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 | -31 | dB | Pass |
| C/I : Adjacent (+3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -33 | -35 | dB | Pass |
| C/I : Adjacent (-3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -13 | -34 | dB | Pass |
| C/I : Adjacent (+4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -33 | -37 | dB | Pass |
| C/I : Adjacent (-4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -33 | -36 | dB | Pass |
| Channel: 39 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 21 |  | dB |  |
| C/I : Adjacent (+1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 5 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 5 |  | dB |  |
| C/I : Adjacent (+2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -25 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (+3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -33 |  | dB |  |
| C/I : Adjacent (-3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -13 |  | dB |  |
| C/I : Adjacent (+4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -33 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -33 |  | dB |  |
| Channel: 75 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 21 |  | dB |  |
| C/I : Adjacent (+1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 5 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 5 |  | dB |  |
| C/I : Adjacent (+2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | -25 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference,  BER < 0.1%,  RX Level:-60 |  | 0 |  | dB |  |
| C/I : Adjacent (+3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -33 |  | dB |  |
| C/I : Adjacent (-3 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -13 |  | dB |  |
| C/I : Adjacent (+4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -33 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference,  BER < 0.1%,  RX Level:-67 |  | -33 |  | dB |  |

### RF/RCV/CA/BV-10-C [EDR Maximum Input Level]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 26 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| 2-DH5 |  |  |  |  |  |
| Max.RX Level, Channel: 0 | -20 |  |  | dBm |  |
| Max.RX Level, Channel: 39 | -20 |  |  | dBm |  |
| Max.RX Level, Channel: 78 | -20 |  |  | dBm |  |
| 3-DH5 |  |  |  |  |  |
| Max.RX Level, Channel: 0 | -20 |  |  | dBm |  |
| Max.RX Level, Channel: 39 | -20 |  |  | dBm |  |
| Max.RX Level, Channel: 78 | -20 |  |  | dBm |  |

# RF BT5 PHY BQB（LE 1M）Test

### RF/TRM-LE/CA/BV-01-C [Output power]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 27 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:0 |  |  |  |  |  |
| Average Power | -20 | 20 | 8.826263 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.5340881 | dB | Pass |
| Channel:39 |  |  |  |  |  |
| Average Power | -20 | 20 | 9.577118 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.5184631 | dB | Pass |
| Channel:78 |  |  |  |  |  |
| Average Power | -20 | 20 | 9.553772 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4830933 | dB | Pass |

### RF/TRM-LE/CA/BV-03-C [In-band emissions, uncoded data at 1 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 28 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:2, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 | -50.36554 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -49.19141 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -20 | -48.38477 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -20 | -45.10007 | dBm | Pass |
| In - Band Em.:  2405 MHz |  |  | -13.80573 | dBm | Pass |
| In - Band Em.:  2406 MHz  (center frequency) |  |  | 8.074188 | dBm | Pass |
| In - Band Em.:  2407 MHz |  |  | -12.69363 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -20 | -45.34207 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -20 | -47.66702 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -49.7218 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -50.24448 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -51.39456 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -51.69849 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -51.1174 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -51.78067 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.33463 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.80414 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -51.51404 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -51.27161 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -51.52087 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.62921 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -51.61963 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -51.53366 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -52.0304 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -51.54642 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -51.36716 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -51.94846 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -51.85794 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -52.18527 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -51.78073 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -51.74933 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -51.58209 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -51.42596 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -51.46332 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -51.46695 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -51.61581 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -30 | -51.4639 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -30 | -51.60181 | dBm | Pass |
| In - Band Em.:  2439 MHz |  | -30 | -51.75348 | dBm | Pass |
| In - Band Em.:  2440 MHz |  | -30 | -51.75455 | dBm | Pass |
| In - Band Em.:  2441 MHz |  | -30 | -51.59253 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -30 | -51.58591 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -30 | -51.5321 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -51.35608 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -51.17474 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -51.28882 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -51.20383 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -51.42285 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -51.10703 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -51.24167 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -51.48914 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.96878 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -51.81729 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -45.75623 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -51.20718 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -51.27939 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -51.37885 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -51.41269 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -51.54581 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -51.3382 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -51.33609 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -51.54312 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -51.70624 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -51.41806 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -51.41437 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -51.01083 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -51.2446 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.81241 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -50.24463 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -51.19321 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -49.81805 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -49.4985 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -30 | -50.67828 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -30 | -50.63409 | dBm | Pass |
| In - Band Em.:  2475 MHz |  | -30 | -50.03668 | dBm | Pass |
| In - Band Em.:  2476 MHz |  | -30 | -50.76614 | dBm | Pass |
| In - Band Em.:  2477 MHz |  | -30 | -51.36322 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -30 | -51.15744 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -30 | -48.88776 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -51.41873 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -51.05829 | dBm | Pass |
| Channel:19, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 | -51.28326 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -51.79083 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -30 | -51.41632 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -30 | -52.00128 | dBm | Pass |
| In - Band Em.:  2405 MHz |  | -30 | -52.16891 | dBm | Pass |
| In - Band Em.:  2406 MHz |  | -30 | -51.95786 | dBm | Pass |
| In - Band Em.:  2407 MHz |  | -30 | -51.80978 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -30 | -51.784 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -30 | -52.02139 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -51.69693 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -51.87585 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -51.42505 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -51.8118 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -52.06851 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -52.02896 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.60025 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.80179 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -51.74176 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -52.21649 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -51.65207 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.55099 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -51.57843 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -51.49704 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -51.24658 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -51.36349 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -51.612 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -51.29214 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -51.01035 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -51.01395 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -51.39447 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -51.13416 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -50.62296 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -50.69461 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -49.91235 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -50.44925 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -48.77374 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -20 | -48.00537 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -20 | -44.25845 | dBm | Pass |
| In - Band Em.:  2439 MHz |  |  | -13.14331 | dBm | Pass |
| In - Band Em.:  2440 MHz  (center frequency) |  |  | 8.732941 | dBm | Pass |
| In - Band Em.:  2441 MHz |  |  | -12.00473 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -20 | -45.02939 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -20 | -47.56787 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -49.12558 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -50.12274 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -50.50034 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -51.10278 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -50.95505 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -51.56244 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -51.58963 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -51.436 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -51.66931 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -51.07095 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -51.3959 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -51.62094 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -51.23911 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -51.56247 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -51.66904 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -51.32974 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -51.6561 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -51.77542 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -51.75409 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -51.5318 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -51.40967 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -51.54813 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -51.95551 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -51.35666 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -51.85446 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -51.66422 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -51.16135 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -51.4061 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -51.78876 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -30 | -51.57483 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -30 | -51.78287 | dBm | Pass |
| In - Band Em.:  2475 MHz |  | -30 | -51.67361 | dBm | Pass |
| In - Band Em.:  2476 MHz |  | -30 | -51.43781 | dBm | Pass |
| In - Band Em.:  2477 MHz |  | -30 | -51.08875 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -30 | -51.13608 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -30 | -51.27219 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -51.52072 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -51.69675 | dBm | Pass |
| Channel:37, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 | -51.89017 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -52.1319 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -30 | -51.17526 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -30 | -50.05005 | dBm | Pass |
| In - Band Em.:  2405 MHz |  | -30 | -51.63809 | dBm | Pass |
| In - Band Em.:  2406 MHz |  | -30 | -51.92828 | dBm | Pass |
| In - Band Em.:  2407 MHz |  | -30 | -51.19705 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -30 | -49.9006 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -30 | -51.3064 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -51.10974 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -50.33026 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -50.42703 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -51.50461 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -51.57928 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -52.06052 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.84869 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.97336 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -51.84122 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -52.34717 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -51.98004 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.54471 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -51.82642 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -51.92441 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -51.73599 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -51.60873 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -51.20718 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -51.47391 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -46.90778 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -51.47458 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -51.56271 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -51.52972 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -51.78717 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -51.61371 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -51.54218 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -51.73386 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -51.53058 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -30 | -51.49017 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -30 | -51.87653 | dBm | Pass |
| In - Band Em.:  2439 MHz |  | -30 | -51.40497 | dBm | Pass |
| In - Band Em.:  2440 MHz |  | -30 | -51.5022 | dBm | Pass |
| In - Band Em.:  2441 MHz |  | -30 | -51.58829 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -30 | -51.42432 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -30 | -51.94623 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -51.53549 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -51.39487 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -51.39209 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -51.45828 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -51.33041 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -51.69672 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -51.47177 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -51.24078 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.94479 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -51.08206 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -51.63837 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -51.49222 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -51.28369 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -51.2186 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -51.10742 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -51.23874 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -51.64059 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -50.8963 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -51.19485 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -51.14648 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -50.73981 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -50.49911 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -51.13049 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -50.92203 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.48495 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -50.58813 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -50.04727 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -50.55139 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -48.96689 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -20 | -47.66769 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -20 | -44.10223 | dBm | Pass |
| In - Band Em.:  2475 MHz |  |  | -12.9957 | dBm | Pass |
| In - Band Em.:  2476 MHz  (center frequency) |  |  | 8.743195 | dBm | Pass |
| In - Band Em.:  2477 MHz |  |  | -12.08661 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -20 | -44.46051 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -20 | -47.64584 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -48.82031 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -50.3786 | dBm | Pass |

### RF/TRM-LE/CA/BV-05-C [Modulation Characteristics, uncoded data at 1 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 29 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Delta F1 Avg | 225 | 275 | 250.2124 | KHz | Pass |
| Delta F2 99.9% | 185 |  | 201.8468 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.875033771308 |  | Pass |
| Channel : 39 |  |  |  |  |  |
| Delta F1 Avg | 225 | 275 | 249.2549 | KHz | Pass |
| Delta F2 99.9% | 185 |  | 203.3453 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.881782464457 |  | Pass |
| Channel : 78 |  |  |  |  |  |
| Delta F1 Avg | 225 | 275 | 247.9486 | KHz | Pass |
| Delta F2 99.9% | 185 |  | 197.6511 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.886721280136 |  | Pass |

### RF/TRM-LE/CA/BV-06-C [Carrier frequency offset and drift, uncoded data at 1Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 30 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Frequency Offset | -150 | 150 | 1.40214 | KHz | Pass |
| Frequency Drift | -50 | 50 | 1.870632 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | 0.2398491 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 | 1.1518 | KHz | Pass |
| Channel : 19 |  |  |  |  |  |
| Frequency Offset | -150 | 150 | 2.570629 | KHz | Pass |
| Frequency Drift | -50 | 50 | 0.2987385 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | -0.4308224 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 | 0.09560585 | KHz | Pass |
| Channel : 39 |  |  |  |  |  |
| Frequency Offset | -150 | 150 | 3.060818 | KHz | Pass |
| Frequency Drift | -50 | 50 | -0.8659363 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | -0.1940727 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 | -0.2007484 | KHz | Pass |

### RF/RCV-LE/CA/BV-01-C [Receiver sensitivity, uncoded data at 1 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 31 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel: 0 |  | -70 | -98 | dBm | Pass |
| Channel: 19 |  | -70 |  | dBm |  |
| Channel: 39 |  | -70 | -98 | dBm | Pass |

### RF/RCV-LE/CA/BV-03-C [C/I and Receiver Selectivity Performance, uncoded data at 1 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 32 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Image Frequency: -2MHz,  PER < 30.8%,  RX Level:-67 |  |  |  |  |  |
| Channel: 2 |  |  |  |  |  |
| C/I : Co-Channel interferenc |  | 21 |  | dB |  |
| C/I : Adjacent (+1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (+2 MHz) interferenc |  | -17 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference |  | -9 |  | dB |  |
| C/I : Adjacent (+3 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-3 MHz) interference |  | -15 |  | dB |  |
| C/I : Adjacent (+4 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference |  | -27 |  | dB |  |
| Channel: 19 |  |  |  |  |  |
| C/I : Co-Channel interferenc |  | 21 |  | dB |  |
| C/I : Adjacent (+1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (+2 MHz) interferenc |  | -17 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference |  | -9 |  | dB |  |
| C/I : Adjacent (+3 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-3 MHz) interference |  | -15 |  | dB |  |
| C/I : Adjacent (+4 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference |  | -27 |  | dB |  |
| Channel: 37 |  |  |  |  |  |
| C/I : Co-Channel interferenc |  | 21 |  | dB |  |
| C/I : Adjacent (+1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (+2 MHz) interferenc |  | -17 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference |  | -9 |  | dB |  |
| C/I : Adjacent (+3 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-3 MHz) interference |  | -15 |  | dB |  |
| C/I : Adjacent (+4 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference |  | -27 |  | dB |  |

### RF/RCV-LE/CA/BV-04-C [Blocking Performance, uncoded data at 1 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 33 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Exceptions Points < 10, Interfering Signal Power Level Test |  |  |  |  |  |
| Interfering Signal Frequency:  30 MHz – 2000 MHz | -30 |  |  | dBm |  |
| Interfering Signal Frequency:  2000 – 2400 MHz | -35 |  |  | dBm |  |
| Interfering Signal Frequency:  2500 – 3000 MHz | -35 |  |  | dBm |  |
| Interfering Signal Frequency:  3000 MHz – 12.75 GHz | -30 |  |  | dBm |  |

### RF/RCV-LE/CA/BV-05-C [Intermodulation Performance, uncoded data at 1 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 34 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| fTX=2f1-f2 and  |f2-f1| = n \* 1 MHz, n=3\4\5, BER < 0.1%, RX Level:-64 |  |  |  |  |  |
| Channel: 0 |  |  |  |  |  |
| Interfering Signal Level | -50 |  |  | dBm |  |
| Channel: 19 |  |  |  |  |  |
| Interfering Signal Level | -50 |  |  | dBm |  |
| Channel: 39 |  |  |  |  |  |
| Interfering Signal Level | -50 |  |  | dBm |  |

### RF/RCV-LE/CA/BV-06-C [Maximum input signal level, uncoded data at 1 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 35 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Max.RX Level, Channel: 0 | -10 |  |  | dBm |  |
| Max.RX Level, Channel: 19 | -10 |  |  | dBm |  |
| Max.RX Level, Channel: 39 | -10 |  |  | dBm |  |

### RF/RCV-LE/CA/BV-07-C [PER Report Integrity, uncoded data at 1 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 36 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| RX Level: -30 dBm |  |  |  |  |  |
| PER @ Channel: 0 | 50 | 65.4 |  | % |  |
| PER @ Channel: 19 | 50 | 65.4 |  | % |  |
| PER @ Channel: 39 | 50 | 65.4 |  | % |  |

# RF BT5 PHY BQB（LE 2M）Test

### RF/TRM-LE2M/CA/BV-01-C [Output power]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 37 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:0 |  |  |  |  |  |
| Average Power | -20 | 20 |  | dBm |  |
| Difference  (PowPeak - PowAvg) |  | 3 |  | dB |  |
| Channel:39 |  |  |  |  |  |
| Average Power | -20 | 20 |  | dBm |  |
| Difference  (PowPeak - PowAvg) |  | 3 |  | dB |  |
| Channel:78 |  |  |  |  |  |
| Average Power | -20 | 20 |  | dBm |  |
| Difference  (PowPeak - PowAvg) |  | 3 |  | dB |  |

### RF/TRM-LE2M/CA/BV-03-C [In-band emissions, uncoded data at 2 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 38 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:2, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2402 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2403 MHz |  |  |  | dBm |  |
| In - Band Em.:  2404 MHz |  |  |  | dBm |  |
| In - Band Em.:  2405 MHz |  |  |  | dBm |  |
| In - Band Em.:  2406 MHz  (center frequency) |  |  |  | dBm |  |
| In - Band Em.:  2407 MHz |  |  |  | dBm |  |
| In - Band Em.:  2408 MHz |  |  |  | dBm |  |
| In - Band Em.:  2409 MHz |  |  |  | dBm |  |
| In - Band Em.:  2410 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2411 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2412 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2413 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2414 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2415 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2416 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2417 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2418 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2419 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2420 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2421 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2422 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2423 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2424 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2425 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2426 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2427 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2428 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2429 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2430 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2431 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2432 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2433 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2434 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2435 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2436 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2437 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2438 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2439 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2440 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2441 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2442 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2443 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2444 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2445 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2446 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2447 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2448 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2449 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2450 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2451 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2452 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2453 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2454 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2455 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2456 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2457 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2458 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2459 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2460 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2461 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2462 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2463 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2464 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2465 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2466 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2467 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2468 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2469 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2470 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2471 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2472 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2473 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2474 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2475 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2476 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2477 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2478 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2479 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2480 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2481 MHz |  | -30 |  | dBm |  |
| Channel:19, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2402 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2403 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2404 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2405 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2406 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2407 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2408 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2409 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2410 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2411 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2412 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2413 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2414 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2415 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2416 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2417 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2418 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2419 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2420 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2421 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2422 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2423 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2424 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2425 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2426 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2427 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2428 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2429 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2430 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2431 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2432 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2433 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2434 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2435 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2436 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2437 MHz |  |  |  | dBm |  |
| In - Band Em.:  2438 MHz |  |  |  | dBm |  |
| In - Band Em.:  2439 MHz |  |  |  | dBm |  |
| In - Band Em.:  2440 MHz  (center frequency) |  |  |  | dBm |  |
| In - Band Em.:  2441 MHz |  |  |  | dBm |  |
| In - Band Em.:  2442 MHz |  |  |  | dBm |  |
| In - Band Em.:  2443 MHz |  |  |  | dBm |  |
| In - Band Em.:  2444 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2445 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2446 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2447 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2448 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2449 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2450 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2451 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2452 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2453 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2454 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2455 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2456 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2457 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2458 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2459 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2460 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2461 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2462 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2463 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2464 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2465 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2466 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2467 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2468 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2469 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2470 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2471 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2472 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2473 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2474 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2475 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2476 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2477 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2478 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2479 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2480 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2481 MHz |  | -30 |  | dBm |  |
| Channel:37, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2402 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2403 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2404 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2405 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2406 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2407 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2408 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2409 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2410 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2411 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2412 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2413 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2414 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2415 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2416 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2417 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2418 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2419 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2420 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2421 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2422 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2423 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2424 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2425 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2426 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2427 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2428 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2429 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2430 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2431 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2432 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2433 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2434 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2435 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2436 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2437 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2438 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2439 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2440 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2441 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2442 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2443 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2444 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2445 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2446 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2447 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2448 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2449 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2450 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2451 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2452 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2453 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2454 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2455 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2456 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2457 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2458 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2459 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2460 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2461 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2462 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2463 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2464 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2465 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2466 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2467 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2468 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2469 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2470 MHz |  | -30 |  | dBm |  |
| In - Band Em.:  2471 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2472 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2473 MHz |  |  |  | dBm |  |
| In - Band Em.:  2474 MHz |  |  |  | dBm |  |
| In - Band Em.:  2475 MHz |  |  |  | dBm |  |
| In - Band Em.:  2476 MHz  (center frequency) |  |  |  | dBm |  |
| In - Band Em.:  2477 MHz |  |  |  | dBm |  |
| In - Band Em.:  2478 MHz |  |  |  | dBm |  |
| In - Band Em.:  2479 MHz |  |  |  | dBm |  |
| In - Band Em.:  2480 MHz |  | -20 |  | dBm |  |
| In - Band Em.:  2481 MHz |  | -20 |  | dBm |  |

### RF/TRM-LE2M/CA/BV-05-C [Modulation Characteristics, uncoded data at 2 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 39 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Delta F1 Avg | 450 | 550 |  | KHz |  |
| Delta F2 99.9% | 370 |  |  | KHz |  |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  |  |  |  |
| Channel : 39 |  |  |  |  |  |
| Delta F1 Avg | 450 | 550 |  | KHz |  |
| Delta F2 99.9% | 370 |  |  | KHz |  |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  |  |  |  |
| Channel : 78 |  |  |  |  |  |
| Delta F1 Avg | 450 | 550 |  | KHz |  |
| Delta F2 99.9% | 370 |  |  | KHz |  |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  |  |  |  |

### RF/TRM-LE2M/CA/BV-06-C [Carrier frequency offset and drift, uncoded data at 2Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 40 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Frequency Offset | -150 | 150 |  | KHz |  |
| Frequency Drift | -50 | 50 |  | KHz |  |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 |  | KHz |  |
| Initial Frequency Drift | -20 | 20 |  | KHz |  |
| Channel : 19 |  |  |  |  |  |
| Frequency Offset | -150 | 150 |  | KHz |  |
| Frequency Drift | -50 | 50 |  | KHz |  |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 |  | KHz |  |
| Initial Frequency Drift | -20 | 20 |  | KHz |  |
| Channel : 39 |  |  |  |  |  |
| Frequency Offset | -150 | 150 |  | KHz |  |
| Frequency Drift | -50 | 50 |  | KHz |  |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 |  | KHz |  |
| Initial Frequency Drift | -20 | 20 |  | KHz |  |

### RF/RCV-LE2M/CA/BV-01-C [Receiver sensitivity, uncoded data at 2 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 41 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel: 0 |  | -70 |  | dBm |  |
| Channel: 19 |  | -70 |  | dBm |  |
| Channel: 39 |  | -70 |  | dBm |  |

### RF/RCV-LE2M/CA/BV-03-C [C/I and Receiver Selectivity Performance, uncoded data at 2 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 42 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Image Frequency: -2MHz,  PER < 30.8%,  RX Level:-67 |  |  |  |  |  |
| Channel: 2 |  |  |  |  |  |
| C/I : Co-Channel interferenc |  | 21 |  | dB |  |
| C/I : Adjacent (+2 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference |  | -9 |  | dB |  |
| C/I : Adjacent (+4 MHz) interferenc |  | -17 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference |  | -15 |  | dB |  |
| C/I : Adjacent (+6 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-6 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (+8 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-8 MHz) interference |  | -27 |  | dB |  |
| Channel: 19 |  |  |  |  |  |
| C/I : Co-Channel interferenc |  | 21 |  | dB |  |
| C/I : Adjacent (+2 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference |  | -9 |  | dB |  |
| C/I : Adjacent (+4 MHz) interferenc |  | -17 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference |  | -15 |  | dB |  |
| C/I : Adjacent (+6 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-6 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (+8 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-8 MHz) interference |  | -27 |  | dB |  |
| Channel: 37 |  |  |  |  |  |
| C/I : Co-Channel interferenc |  | 21 |  | dB |  |
| C/I : Adjacent (+2 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (-2 MHz) interference |  | -9 |  | dB |  |
| C/I : Adjacent (+4 MHz) interferenc |  | -17 |  | dB |  |
| C/I : Adjacent (-4 MHz) interference |  | -15 |  | dB |  |
| C/I : Adjacent (+6 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-6 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (+8 MHz) interference |  | -27 |  | dB |  |
| C/I : Adjacent (-8 MHz) interference |  | -27 |  | dB |  |

### RF/RCV-LE2M/CA/BV-04-C [Blocking Performance, uncoded data at 2 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 43 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Exceptions Points < 10, Interfering Signal Power Level Test |  |  |  |  |  |
| Interfering Signal Frequency:  30 MHz – 2000 MHz | -30 |  |  | dBm |  |
| Interfering Signal Frequency:  2000 – 2400 MHz | -35 |  |  | dBm |  |
| Interfering Signal Frequency:  2500 – 3000 MHz | -35 |  |  | dBm |  |
| Interfering Signal Frequency:  3000 MHz – 12.75 GHz | -30 |  |  | dBm |  |

### RF/RCV-LE2M/CA/BV-05-C [Intermodulation Performance, uncoded data at 2 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 44 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| fTX=2f1-f2 and  |f2-f1| = n \* 2 MHz, n=3\4\5, BER < 0.1%, RX Level:-64 |  |  |  |  |  |
| Channel: 0 |  |  |  |  |  |
| Interfering Signal Level | -50 |  |  | dBm |  |
| Channel: 19 |  |  |  |  |  |
| Interfering Signal Level | -50 |  |  | dBm |  |
| Channel: 39 |  |  |  |  |  |
| Interfering Signal Level | -50 |  |  | dBm |  |

### RF/RCV-LE2M/CA/BV-06-C [Maximum input signal level, uncoded data at 2 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 45 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Max.RX Level, Channel: 0 | -10 |  |  | dBm |  |
| Max.RX Level, Channel: 19 | -10 |  |  | dBm |  |
| Max.RX Level, Channel: 39 | -10 |  |  | dBm |  |

### RF/RCV-LE2M/CA/BV-07-C [PER Report Integrity, uncoded data at 2 Ms/s]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 46 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| RX Level: -30 dBm |  |  |  |  |  |
| PER @ Channel: 0 | 50 | 65.4 |  | % |  |
| PER @ Channel: 19 | 50 | 65.4 |  | % |  |
| PER @ Channel: 39 | 50 | 65.4 |  | % |  |