

XXXXXX RF Test Report

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| 作 者： |  |
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Revision History

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# 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] |  |
| 2 | RF/TRM/CA/BV-02-C [Power Density] |  |
| 3 | RF/TRM/CA/BV-03-C [Power Control] |  |
| 4 | RF/TRM/CA/BV-04-C [TX Output Spectrum – Frequency Range] |  |
| 5 | RF/TRM/CA/BV-05-C [TX Output Spectrum – 20 dB Bandwidth] |  |
| 6 | RF/TRM/CA/BV-06-C [TX Output Spectrum – Adjacent Channel Power] |  |
| 7 | RF/TRM/CA/BV-07-C [Modulation Characteristics] |  |
| 8 | RF/TRM/CA/BV-08-C [Initial Carrier Frequency Tolerance] |  |
| 9 | RF/TRM/CA/BV-09-C [Carrier Frequency Drift] |  |
| 10 | RF/TRM/CA/BV-10-C [EDR Relative Transmit Power] |  |
| 11 | RF/TRM/CA/BV-11-C [EDR Carrier Frequency Stability and Modulation Accuracy] |  |
| 12 | RF/TRM/CA/BV-12-C [EDR Differential Phase Encoding] |  |
| 13 | RF/TRM/CA/BV-13-C [EDR In-band Spurious Emissions] |  |
| 14 | RF/TRM/CA/BV-14-C [Enhanced Power Control] |  |
| 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] |  |
| 26 | RF/TRM-LE/CA/BV-03-C [In-band emissions, uncoded data at 1 Ms/s] |  |
| 27 | RF/TRM-LE/CA/BV-05-C [Modulation Characteristics, uncoded data at 1 Ms/s] |  |
| 28 | RF/TRM-LE/CA/BV-06-C [Carrier frequency offset and drift, uncoded data at 1Ms/s] |  |
| 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 1 Ms/s] |  |
| 38 | RF/TRM-LE2M/CA/BV-06-C [Carrier frequency offset and drift, uncoded data at 1Ms/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 |  | dBm |  |
| Peak Power |  | 23 |  | dBm |  |
| Channel:39 |  |  |  |  |  |
| Average Power | 0 | 20 |  | dBm |  |
| Peak Power |  | 23 |  | dBm |  |
| Channel:78 |  |  |  |  |  |
| Average Power | 0 | 20 |  | dBm |  |
| Peak Power |  | 23 |  | dBm |  |

### 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 |  | dBm |  |

### 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 |  | dBm |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power at Minimum |  | 4 |  | dBm |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power at Maximum |  |  |  | dBm |  |
| Channel:39 |  |  |  |  |  |
| Power at Maximum | 0 | 20 |  | dBm |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power at Minimum |  | 4 |  | dBm |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power at Maximum |  |  |  | dBm |  |
| Channel:78 |  |  |  |  |  |
| Power at Maximum | 0 | 20 |  | dBm |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power at Minimum |  | 4 |  | dBm |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power at Maximum |  |  |  | dBm |  |

### 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 |  |  | MHz |  |
| f(H):Channel 78 |  | 2483.5 |  | MHz |  |

### 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) |  |  |  | KHz |  |
| f(H) |  |  |  | KHz |  |
| f(H)-f(L) |  | 1000 |  | KHz |  |
| Channel : 39 |  |  |  |  |  |
| f(L) |  |  |  | KHz |  |
| f(H) |  |  |  | KHz |  |
| f(H)-f(L) |  |  |  | KHz |  |
| Channel : 78 |  |  |  |  |  |
| f(L) |  |  |  | KHz |  |
| f(H) |  |  |  | KHz |  |
| f(H)-f(L) |  |  |  | KHz |  |

### 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 |  | -40 |  | dBm |  |
| ACPower: 1 |  | -20 |  | dBm |  |
| ACPower: 2 |  |  |  | dBm |  |
| ACPower: 3 |  |  |  | dBm |  |
| ACPower: 4 |  |  |  | dBm |  |
| ACPower: 5 |  | -20 |  | dBm |  |
| ACPower: 6 |  | -40 |  | dBm |  |
| ACPower: 7 |  | -40 |  | dBm |  |
| ACPower: 8 |  | -40 |  | dBm |  |
| ACPower: 9 |  | -40 |  | dBm |  |
| ACPower: 10 |  | -40 |  | dBm |  |
| ACPower: 11 |  | -40 |  | dBm |  |
| ACPower: 12 |  | -40 |  | dBm |  |
| ACPower: 13 |  | -40 |  | dBm |  |
| ACPower: 14 |  | -40 |  | dBm |  |
| ACPower: 15 |  | -40 |  | dBm |  |
| ACPower: 16 |  | -40 |  | dBm |  |
| ACPower: 17 |  | -40 |  | dBm |  |
| ACPower: 18 |  | -40 |  | dBm |  |
| ACPower: 19 |  | -40 |  | dBm |  |
| ACPower: 20 |  | -40 |  | dBm |  |
| ACPower: 21 |  | -40 |  | dBm |  |
| ACPower: 22 |  | -40 |  | dBm |  |
| ACPower: 23 |  | -40 |  | dBm |  |
| ACPower: 24 |  | -40 |  | dBm |  |
| ACPower: 25 |  | -40 |  | dBm |  |
| ACPower: 26 |  | -40 |  | dBm |  |
| ACPower: 27 |  | -40 |  | dBm |  |
| ACPower: 28 |  | -40 |  | dBm |  |
| ACPower: 29 |  | -40 |  | dBm |  |
| ACPower: 30 |  | -40 |  | dBm |  |
| ACPower: 31 |  | -40 |  | dBm |  |
| ACPower: 32 |  | -40 |  | dBm |  |
| ACPower: 33 |  | -40 |  | dBm |  |
| ACPower: 34 |  | -40 |  | dBm |  |
| ACPower: 35 |  | -40 |  | dBm |  |
| ACPower: 36 |  | -40 |  | dBm |  |
| ACPower: 37 |  | -40 |  | dBm |  |
| ACPower: 38 |  | -40 |  | dBm |  |
| ACPower: 39 |  | -40 |  | dBm |  |
| ACPower: 40 |  | -40 |  | dBm |  |
| ACPower: 41 |  | -40 |  | dBm |  |
| ACPower: 42 |  | -40 |  | dBm |  |
| ACPower: 43 |  | -40 |  | dBm |  |
| ACPower: 44 |  | -40 |  | dBm |  |
| ACPower: 45 |  | -40 |  | dBm |  |
| ACPower: 46 |  | -40 |  | dBm |  |
| ACPower: 47 |  | -40 |  | dBm |  |
| ACPower: 48 |  | -40 |  | dBm |  |
| ACPower: 49 |  | -40 |  | dBm |  |
| ACPower: 50 |  | -40 |  | dBm |  |
| ACPower: 51 |  | -40 |  | dBm |  |
| ACPower: 52 |  | -40 |  | dBm |  |
| ACPower: 53 |  | -40 |  | dBm |  |
| ACPower: 54 |  | -40 |  | dBm |  |
| ACPower: 55 |  | -40 |  | dBm |  |
| ACPower: 56 |  | -40 |  | dBm |  |
| ACPower: 57 |  | -40 |  | dBm |  |
| ACPower: 58 |  | -40 |  | dBm |  |
| ACPower: 59 |  | -40 |  | dBm |  |
| ACPower: 60 |  | -40 |  | dBm |  |
| ACPower: 61 |  | -40 |  | dBm |  |
| ACPower: 62 |  | -40 |  | dBm |  |
| ACPower: 63 |  | -40 |  | dBm |  |
| ACPower: 64 |  | -40 |  | dBm |  |
| ACPower: 65 |  | -40 |  | dBm |  |
| ACPower: 66 |  | -40 |  | dBm |  |
| ACPower: 67 |  | -40 |  | dBm |  |
| ACPower: 68 |  | -40 |  | dBm |  |
| ACPower: 69 |  | -40 |  | dBm |  |
| ACPower: 70 |  | -40 |  | dBm |  |
| ACPower: 71 |  | -40 |  | dBm |  |
| ACPower: 72 |  | -40 |  | dBm |  |
| ACPower: 73 |  | -40 |  | dBm |  |
| ACPower: 74 |  | -40 |  | dBm |  |
| ACPower: 75 |  | -40 |  | dBm |  |
| ACPower: 76 |  | -40 |  | dBm |  |
| ACPower: 77 |  | -40 |  | dBm |  |
| ACPower: 78 |  | -40 |  | dBm |  |
| Channel:39, Exceptions:0 |  |  |  |  |  |
| ACPower: 0 |  | -40 |  | dBm |  |
| ACPower: 1 |  | -40 |  | dBm |  |
| ACPower: 2 |  | -40 |  | dBm |  |
| ACPower: 3 |  | -40 |  | dBm |  |
| ACPower: 4 |  | -40 |  | dBm |  |
| ACPower: 5 |  | -40 |  | dBm |  |
| ACPower: 6 |  | -40 |  | dBm |  |
| ACPower: 7 |  | -40 |  | dBm |  |
| ACPower: 8 |  | -40 |  | dBm |  |
| ACPower: 9 |  | -40 |  | dBm |  |
| ACPower: 10 |  | -40 |  | dBm |  |
| ACPower: 11 |  | -40 |  | dBm |  |
| ACPower: 12 |  | -40 |  | dBm |  |
| ACPower: 13 |  | -40 |  | dBm |  |
| ACPower: 14 |  | -40 |  | dBm |  |
| ACPower: 15 |  | -40 |  | dBm |  |
| ACPower: 16 |  | -40 |  | dBm |  |
| ACPower: 17 |  | -40 |  | dBm |  |
| ACPower: 18 |  | -40 |  | dBm |  |
| ACPower: 19 |  | -40 |  | dBm |  |
| ACPower: 20 |  | -40 |  | dBm |  |
| ACPower: 21 |  | -40 |  | dBm |  |
| ACPower: 22 |  | -40 |  | dBm |  |
| ACPower: 23 |  | -40 |  | dBm |  |
| ACPower: 24 |  | -40 |  | dBm |  |
| ACPower: 25 |  | -40 |  | dBm |  |
| ACPower: 26 |  | -40 |  | dBm |  |
| ACPower: 27 |  | -40 |  | dBm |  |
| ACPower: 28 |  | -40 |  | dBm |  |
| ACPower: 29 |  | -40 |  | dBm |  |
| ACPower: 30 |  | -40 |  | dBm |  |
| ACPower: 31 |  | -40 |  | dBm |  |
| ACPower: 32 |  | -40 |  | dBm |  |
| ACPower: 33 |  | -40 |  | dBm |  |
| ACPower: 34 |  | -40 |  | dBm |  |
| ACPower: 35 |  | -40 |  | dBm |  |
| ACPower: 36 |  | -40 |  | dBm |  |
| ACPower: 37 |  | -20 |  | dBm |  |
| ACPower: 38 |  |  |  | dBm |  |
| ACPower: 39 |  |  |  | dBm |  |
| ACPower: 40 |  |  |  | dBm |  |
| ACPower: 41 |  | -20 |  | dBm |  |
| ACPower: 42 |  | -40 |  | dBm |  |
| ACPower: 43 |  | -40 |  | dBm |  |
| ACPower: 44 |  | -40 |  | dBm |  |
| ACPower: 45 |  | -40 |  | dBm |  |
| ACPower: 46 |  | -40 |  | dBm |  |
| ACPower: 47 |  | -40 |  | dBm |  |
| ACPower: 48 |  | -40 |  | dBm |  |
| ACPower: 49 |  | -40 |  | dBm |  |
| ACPower: 50 |  | -40 |  | dBm |  |
| ACPower: 51 |  | -40 |  | dBm |  |
| ACPower: 52 |  | -40 |  | dBm |  |
| ACPower: 53 |  | -40 |  | dBm |  |
| ACPower: 54 |  | -40 |  | dBm |  |
| ACPower: 55 |  | -40 |  | dBm |  |
| ACPower: 56 |  | -40 |  | dBm |  |
| ACPower: 57 |  | -40 |  | dBm |  |
| ACPower: 58 |  | -40 |  | dBm |  |
| ACPower: 59 |  | -40 |  | dBm |  |
| ACPower: 60 |  | -40 |  | dBm |  |
| ACPower: 61 |  | -40 |  | dBm |  |
| ACPower: 62 |  | -40 |  | dBm |  |
| ACPower: 63 |  | -40 |  | dBm |  |
| ACPower: 64 |  | -40 |  | dBm |  |
| ACPower: 65 |  | -40 |  | dBm |  |
| ACPower: 66 |  | -40 |  | dBm |  |
| ACPower: 67 |  | -40 |  | dBm |  |
| ACPower: 68 |  | -40 |  | dBm |  |
| ACPower: 69 |  | -40 |  | dBm |  |
| ACPower: 70 |  | -40 |  | dBm |  |
| ACPower: 71 |  | -40 |  | dBm |  |
| ACPower: 72 |  | -40 |  | dBm |  |
| ACPower: 73 |  | -40 |  | dBm |  |
| ACPower: 74 |  | -40 |  | dBm |  |
| ACPower: 75 |  | -40 |  | dBm |  |
| ACPower: 76 |  | -40 |  | dBm |  |
| ACPower: 77 |  | -40 |  | dBm |  |
| ACPower: 78 |  | -40 |  | dBm |  |
| Channel:75, Exceptions:0 |  |  |  |  |  |
| ACPower: 0 |  | -40 |  | dBm |  |
| ACPower: 1 |  | -40 |  | dBm |  |
| ACPower: 2 |  | -40 |  | dBm |  |
| ACPower: 3 |  | -40 |  | dBm |  |
| ACPower: 4 |  | -40 |  | dBm |  |
| ACPower: 5 |  | -40 |  | dBm |  |
| ACPower: 6 |  | -40 |  | dBm |  |
| ACPower: 7 |  | -40 |  | dBm |  |
| ACPower: 8 |  | -40 |  | dBm |  |
| ACPower: 9 |  | -40 |  | dBm |  |
| ACPower: 10 |  | -40 |  | dBm |  |
| ACPower: 11 |  | -40 |  | dBm |  |
| ACPower: 12 |  | -40 |  | dBm |  |
| ACPower: 13 |  | -40 |  | dBm |  |
| ACPower: 14 |  | -40 |  | dBm |  |
| ACPower: 15 |  | -40 |  | dBm |  |
| ACPower: 16 |  | -40 |  | dBm |  |
| ACPower: 17 |  | -40 |  | dBm |  |
| ACPower: 18 |  | -40 |  | dBm |  |
| ACPower: 19 |  | -40 |  | dBm |  |
| ACPower: 20 |  | -40 |  | dBm |  |
| ACPower: 21 |  | -40 |  | dBm |  |
| ACPower: 22 |  | -40 |  | dBm |  |
| ACPower: 23 |  | -40 |  | dBm |  |
| ACPower: 24 |  | -40 |  | dBm |  |
| ACPower: 25 |  | -40 |  | dBm |  |
| ACPower: 26 |  | -40 |  | dBm |  |
| ACPower: 27 |  | -40 |  | dBm |  |
| ACPower: 28 |  | -40 |  | dBm |  |
| ACPower: 29 |  | -40 |  | dBm |  |
| ACPower: 30 |  | -40 |  | dBm |  |
| ACPower: 31 |  | -40 |  | dBm |  |
| ACPower: 32 |  | -40 |  | dBm |  |
| ACPower: 33 |  | -40 |  | dBm |  |
| ACPower: 34 |  | -40 |  | dBm |  |
| ACPower: 35 |  | -40 |  | dBm |  |
| ACPower: 36 |  | -40 |  | dBm |  |
| ACPower: 37 |  | -40 |  | dBm |  |
| ACPower: 38 |  | -40 |  | dBm |  |
| ACPower: 39 |  | -40 |  | dBm |  |
| ACPower: 40 |  | -40 |  | dBm |  |
| ACPower: 41 |  | -40 |  | dBm |  |
| ACPower: 42 |  | -40 |  | dBm |  |
| ACPower: 43 |  | -40 |  | dBm |  |
| ACPower: 44 |  | -40 |  | dBm |  |
| ACPower: 45 |  | -40 |  | dBm |  |
| ACPower: 46 |  | -40 |  | dBm |  |
| ACPower: 47 |  | -40 |  | dBm |  |
| ACPower: 48 |  | -40 |  | dBm |  |
| ACPower: 49 |  | -40 |  | dBm |  |
| ACPower: 50 |  | -40 |  | dBm |  |
| ACPower: 51 |  | -40 |  | dBm |  |
| ACPower: 52 |  | -40 |  | dBm |  |
| ACPower: 53 |  | -40 |  | dBm |  |
| ACPower: 54 |  | -40 |  | dBm |  |
| ACPower: 55 |  | -40 |  | dBm |  |
| ACPower: 56 |  | -40 |  | dBm |  |
| ACPower: 57 |  | -40 |  | dBm |  |
| ACPower: 58 |  | -40 |  | dBm |  |
| ACPower: 59 |  | -40 |  | dBm |  |
| ACPower: 60 |  | -40 |  | dBm |  |
| ACPower: 61 |  | -40 |  | dBm |  |
| ACPower: 62 |  | -40 |  | dBm |  |
| ACPower: 63 |  | -40 |  | dBm |  |
| ACPower: 64 |  | -40 |  | dBm |  |
| ACPower: 65 |  | -40 |  | dBm |  |
| ACPower: 66 |  | -40 |  | dBm |  |
| ACPower: 67 |  | -40 |  | dBm |  |
| ACPower: 68 |  | -40 |  | dBm |  |
| ACPower: 69 |  | -40 |  | dBm |  |
| ACPower: 70 |  | -40 |  | dBm |  |
| ACPower: 71 |  | -40 |  | dBm |  |
| ACPower: 72 |  | -40 |  | dBm |  |
| ACPower: 73 |  | -20 |  | dBm |  |
| ACPower: 74 |  |  |  | dBm |  |
| ACPower: 75 |  |  |  | dBm |  |
| ACPower: 76 |  |  |  | dBm |  |
| ACPower: 77 |  | -20 |  | dBm |  |
| ACPower: 78 |  | -40 |  | dBm |  |

### 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 |  | KHz |  |
| Delta F2 99.9% | 115 |  |  | KHz |  |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  |  |  |  |
| Channel : 39 |  |  |  |  |  |
| Delta F1 Avg | 140 | 175 |  | KHz |  |
| Delta F2 99.9% | 115 |  |  | KHz |  |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  |  |  |  |
| Channel : 78 |  |  |  |  |  |
| Delta F1 Avg | 140 | 175 |  | KHz |  |
| Delta F2 99.9% | 115 |  |  | KHz |  |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  |  |  |  |

### 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 |  | KHz |  |
| Channel : 39 |  |  |  |  |  |
| Max. Frequency Tolerance | -75 | 75 |  | KHz |  |
| Channel : 78 |  |  |  |  |  |
| Max. Frequency Tolerance | -75 | 75 |  | KHz |  |

### 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 |  | KHz |  |
| Max. Drift (DH3) | -40 | 40 |  | KHz |  |
| Max. Drift (DH5) | -40 | 40 |  | KHz |  |
| Max. Drift (DH1) ( / 50 us) | -20 | 20 |  | KHz |  |
| Max. Drift (DH3) ( / 50 us) | -20 | 20 |  | KHz |  |
| Max. Drift(DH5) ( / 50 us) | -20 | 20 |  | KHz |  |
| Channel : 39 |  |  |  |  |  |
| Max. Drift (DH1) | -25 | 25 |  | KHz |  |
| Max. Drift (DH3) | -40 | 40 |  | KHz |  |
| Max. Drift (DH5) | -40 | 40 |  | KHz |  |
| Max. Drift (DH1) ( / 50 us) | -20 | 20 |  | KHz |  |
| Max. Drift (DH3) ( / 50 us) | -20 | 20 |  | KHz |  |
| Max. Drift(DH5) ( / 50 us) | -20 | 20 |  | KHz |  |
| Channel : 78 |  |  |  |  |  |
| Max. Drift (DH1) | -25 | 25 |  | KHz |  |
| Max. Drift (DH3) | -40 | 40 |  | KHz |  |
| Max. Drift (DH5) | -40 | 40 |  | KHz |  |
| Max. Drift (DH1) ( / 50 us) | -20 | 20 |  | KHz |  |
| Max. Drift (DH3) ( / 50 us) | -20 | 20 |  | KHz |  |
| Max. Drift(DH5) ( / 50 us) | -20 | 20 |  | KHz |  |

### 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 |  | dB |  |
| Power GFSK  2-DH5 |  |  |  | dBm |  |
| Power DPSK  2-DH5 |  |  |  | dBm |  |
| Power DPSK - Power GFSK  3-DH5 | -4 | 1 |  | dB |  |
| Power GFSK  3-DH5 |  |  |  | dBm |  |
| Power DPSK  3-DH5 |  |  |  | dBm |  |
| Channel : 39 |  |  |  |  |  |
| Power DPSK - Power GFSK  2-DH5 | -4 | 1 |  | dB |  |
| Power GFSK  2-DH5 |  |  |  | dBm |  |
| Power DPSK  2-DH5 |  |  |  | dBm |  |
| Power DPSK - Power GFSK  3-DH5 | -4 | 1 |  | dB |  |
| Power GFSK  3-DH5 |  |  |  | dBm |  |
| Power DPSK  3-DH5 |  |  |  | dBm |  |
| Channel : 78 |  |  |  |  |  |
| Power DPSK - Power GFSK  2-DH5 | -4 | 1 |  | dB |  |
| Power GFSK  2-DH5 |  |  |  | dBm |  |
| Power DPSK  2-DH5 |  |  |  | dBm |  |
| Power DPSK - Power GFSK  3-DH5 | -4 | 1 |  | dB |  |
| Power GFSK  3-DH5 |  |  |  | dBm |  |
| Power DPSK  3-DH5 |  |  |  | dBm |  |

### 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 |  | KHz |  |
| Omega i + Omega o  2-DH5 | -75 | 75 |  | KHz |  |
| Omega o  2-DH5 | -10 | 10 |  | KHz |  |
| DEVM RMS  2-DH5 |  | 20 |  | % |  |
| DEVM Peak  2-DH5 |  | 35 |  | % |  |
| DEVM 99%   1. DH5 |  | 30 |  | % |  |
| Omega i  3-DH5 | -75 | 75 |  | KHz |  |
| Omega i + Omega o  3-DH5 | -75 | 75 |  | KHz |  |
| Omega o  3-DH5 | -10 | 10 |  | KHz |  |
| DEVM RMS  3-DH5 |  | 13 |  | % |  |
| DEVM Peak  3-DH5 |  | 25 |  | % |  |
| DEVM 99%  3-DH5 |  | 20 |  | % |  |
| Channel : 39 |  |  |  |  |  |
| Omega i  2-DH5 | -75 | 75 |  | KHz |  |
| Omega i + Omega o  2-DH5 | -75 | 75 |  | KHz |  |
| Omega o  2-DH5 | -10 | 10 |  | KHz |  |
| DEVM RMS  2-DH5 |  | 20 |  | % |  |
| DEVM Peak  2-DH5 |  | 35 |  | % |  |
| DEVM 99%  2-DH5 |  | 30 |  | % |  |
| Omega i  3-DH5 | -75 | 75 |  | KHz |  |
| Omega i + Omega o  3-DH5 | -75 | 75 |  | KHz |  |
| Omega o  3-DH5 | -10 | 10 |  | KHz |  |
| DEVM RMS  3-DH5 |  | 13 |  | % |  |
| DEVM Peak  3-DH5 |  | 25 |  | % |  |
| DEVM 99%  3-DH5 |  | 20 |  | % |  |
| Channel : 78 |  |  |  |  |  |
| Omega i  2-DH5 | -75 | 75 |  | KHz |  |
| Omega i + Omega o  2-DH5 | -75 | 75 |  | KHz |  |
| Omega o  2-DH5 | -10 | 10 |  | KHz |  |
| DEVM RMS  2-DH5 |  | 20 |  | % |  |
| DEVM Peak  2-DH5 |  | 35 |  | % |  |
| DEVM 99%  2-DH5 |  | 30 |  | % |  |
| Omega i  3-DH5 | -75 | 75 |  | KHz |  |
| Omega i + Omega o  3-DH5 | -75 | 75 |  | KHz |  |
| Omega o  3-DH5 | -10 | 10 |  | KHz |  |
| DEVM RMS  3-DH5 |  | 13 |  | % |  |
| DEVM Peak  3-DH5 |  | 25 |  | % |  |
| DEVM 99%  3-DH5 |  | 20 |  | % |  |

### 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 |  | dBm |  |
| ACPower: 1 |  | -20 |  | dBm |  |
| ACPower: 2,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 3,  Ptxref |  |  |  | dBm |  |
| ACPower: 4,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 5 |  | -20 |  | dBm |  |
| ACPower: 6,  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |
| ACPower: 7 |  | -40 |  | dBm |  |
| ACPower: 8 |  | -40 |  | dBm |  |
| ACPower: 9 |  | -40 |  | dBm |  |
| ACPower: 10 |  | -40 |  | dBm |  |
| ACPower: 11 |  | -40 |  | dBm |  |
| ACPower: 12 |  | -40 |  | dBm |  |
| ACPower: 13 |  | -40 |  | dBm |  |
| ACPower: 14 |  | -40 |  | dBm |  |
| ACPower: 15 |  | -40 |  | dBm |  |
| ACPower: 16 |  | -40 |  | dBm |  |
| ACPower: 17 |  | -40 |  | dBm |  |
| ACPower: 18 |  | -40 |  | dBm |  |
| ACPower: 19 |  | -40 |  | dBm |  |
| ACPower: 20 |  | -40 |  | dBm |  |
| ACPower: 21 |  | -40 |  | dBm |  |
| ACPower: 22 |  | -40 |  | dBm |  |
| ACPower: 23 |  | -40 |  | dBm |  |
| ACPower: 24 |  | -40 |  | dBm |  |
| ACPower: 25 |  | -40 |  | dBm |  |
| ACPower: 26 |  | -40 |  | dBm |  |
| ACPower: 27 |  | -40 |  | dBm |  |
| ACPower: 28 |  | -40 |  | dBm |  |
| ACPower: 29 |  | -40 |  | dBm |  |
| ACPower: 30 |  | -40 |  | dBm |  |
| ACPower: 31 |  | -40 |  | dBm |  |
| ACPower: 32 |  | -40 |  | dBm |  |
| ACPower: 33 |  | -40 |  | dBm |  |
| ACPower: 34 |  | -40 |  | dBm |  |
| ACPower: 35 |  | -40 |  | dBm |  |
| ACPower: 36 |  | -40 |  | dBm |  |
| ACPower: 37 |  | -40 |  | dBm |  |
| ACPower: 38 |  | -40 |  | dBm |  |
| ACPower: 39 |  | -40 |  | dBm |  |
| ACPower: 40 |  | -40 |  | dBm |  |
| ACPower: 41 |  | -40 |  | dBm |  |
| ACPower: 42 |  | -40 |  | dBm |  |
| ACPower: 43 |  | -40 |  | dBm |  |
| ACPower: 44 |  | -40 |  | dBm |  |
| ACPower: 45 |  | -40 |  | dBm |  |
| ACPower: 46 |  | -40 |  | dBm |  |
| ACPower: 47 |  | -40 |  | dBm |  |
| ACPower: 48 |  | -40 |  | dBm |  |
| ACPower: 49 |  | -40 |  | dBm |  |
| ACPower: 50 |  | -40 |  | dBm |  |
| ACPower: 51 |  | -40 |  | dBm |  |
| ACPower: 52 |  | -40 |  | dBm |  |
| ACPower: 53 |  | -40 |  | dBm |  |
| ACPower: 54 |  | -40 |  | dBm |  |
| ACPower: 55 |  | -40 |  | dBm |  |
| ACPower: 56 |  | -40 |  | dBm |  |
| ACPower: 57 |  | -40 |  | dBm |  |
| ACPower: 58 |  | -40 |  | dBm |  |
| ACPower: 59 |  | -40 |  | dBm |  |
| ACPower: 60 |  | -40 |  | dBm |  |
| ACPower: 61 |  | -40 |  | dBm |  |
| ACPower: 62 |  | -40 |  | dBm |  |
| ACPower: 63 |  | -40 |  | dBm |  |
| ACPower: 64 |  | -40 |  | dBm |  |
| ACPower: 65 |  | -40 |  | dBm |  |
| ACPower: 66 |  | -40 |  | dBm |  |
| ACPower: 67 |  | -40 |  | dBm |  |
| ACPower: 68 |  | -40 |  | dBm |  |
| ACPower: 69 |  | -40 |  | dBm |  |
| ACPower: 70 |  | -40 |  | dBm |  |
| ACPower: 71 |  | -40 |  | dBm |  |
| ACPower: 72 |  | -40 |  | dBm |  |
| ACPower: 73 |  | -40 |  | dBm |  |
| ACPower: 74 |  | -40 |  | dBm |  |
| ACPower: 75 |  | -40 |  | dBm |  |
| ACPower: 76 |  | -40 |  | dBm |  |
| ACPower: 77 |  | -40 |  | dBm |  |
| ACPower: 78 |  | -40 |  | dBm |  |
| Channel : 39,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0 |  | -40 |  | dBm |  |
| ACPower: 1 |  | -40 |  | dBm |  |
| ACPower: 2 |  | -40 |  | dBm |  |
| ACPower: 3 |  | -40 |  | dBm |  |
| ACPower: 4 |  | -40 |  | dBm |  |
| ACPower: 5 |  | -40 |  | dBm |  |
| ACPower: 6 |  | -40 |  | dBm |  |
| ACPower: 7 |  | -40 |  | dBm |  |
| ACPower: 8 |  | -40 |  | dBm |  |
| ACPower: 9 |  | -40 |  | dBm |  |
| ACPower: 10 |  | -40 |  | dBm |  |
| ACPower: 11 |  | -40 |  | dBm |  |
| ACPower: 12 |  | -40 |  | dBm |  |
| ACPower: 13 |  | -40 |  | dBm |  |
| ACPower: 14 |  | -40 |  | dBm |  |
| ACPower: 15 |  | -40 |  | dBm |  |
| ACPower: 16 |  | -40 |  | dBm |  |
| ACPower: 17 |  | -40 |  | dBm |  |
| ACPower: 18 |  | -40 |  | dBm |  |
| ACPower: 19 |  | -40 |  | dBm |  |
| ACPower: 20 |  | -40 |  | dBm |  |
| ACPower: 21 |  | -40 |  | dBm |  |
| ACPower: 22 |  | -40 |  | dBm |  |
| ACPower: 23 |  | -40 |  | dBm |  |
| ACPower: 24 |  | -40 |  | dBm |  |
| ACPower: 25 |  | -40 |  | dBm |  |
| ACPower: 26 |  | -40 |  | dBm |  |
| ACPower: 27 |  | -40 |  | dBm |  |
| ACPower: 28 |  | -40 |  | dBm |  |
| ACPower: 29 |  | -40 |  | dBm |  |
| ACPower: 30 |  | -40 |  | dBm |  |
| ACPower: 31 |  | -40 |  | dBm |  |
| ACPower: 32 |  | -40 |  | dBm |  |
| ACPower: 33 |  | -40 |  | dBm |  |
| ACPower: 34 |  | -40 |  | dBm |  |
| ACPower: 35 |  | -40 |  | dBm |  |
| ACPower: 36  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |
| ACPower: 37 |  | -20 |  | dBm |  |
| ACPower: 38,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 39,  Ptxref |  |  |  | dBm |  |
| ACPower: 40,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 41 |  | -20 |  | dBm |  |
| ACPower: 42,  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |
| ACPower: 43 |  | -40 |  | dBm |  |
| ACPower: 44 |  | -40 |  | dBm |  |
| ACPower: 45 |  | -40 |  | dBm |  |
| ACPower: 46 |  | -40 |  | dBm |  |
| ACPower: 47 |  | -40 |  | dBm |  |
| ACPower: 48 |  | -40 |  | dBm |  |
| ACPower: 49 |  | -40 |  | dBm |  |
| ACPower: 50 |  | -40 |  | dBm |  |
| ACPower: 51 |  | -40 |  | dBm |  |
| ACPower: 52 |  | -40 |  | dBm |  |
| ACPower: 53 |  | -40 |  | dBm |  |
| ACPower: 54 |  | -40 |  | dBm |  |
| ACPower: 55 |  | -40 |  | dBm |  |
| ACPower: 56 |  | -40 |  | dBm |  |
| ACPower: 57 |  | -40 |  | dBm |  |
| ACPower: 58 |  | -40 |  | dBm |  |
| ACPower: 59 |  | -40 |  | dBm |  |
| ACPower: 60 |  | -40 |  | dBm |  |
| ACPower: 61 |  | -40 |  | dBm |  |
| ACPower: 62 |  | -40 |  | dBm |  |
| ACPower: 63 |  | -40 |  | dBm |  |
| ACPower: 64 |  | -40 |  | dBm |  |
| ACPower: 65 |  | -40 |  | dBm |  |
| ACPower: 66 |  | -40 |  | dBm |  |
| ACPower: 67 |  | -40 |  | dBm |  |
| ACPower: 68 |  | -40 |  | dBm |  |
| ACPower: 69 |  | -40 |  | dBm |  |
| ACPower: 70 |  | -40 |  | dBm |  |
| ACPower: 71 |  | -40 |  | dBm |  |
| ACPower: 72 |  | -40 |  | dBm |  |
| ACPower: 73 |  | -40 |  | dBm |  |
| ACPower: 74 |  | -40 |  | dBm |  |
| ACPower: 75 |  | -40 |  | dBm |  |
| ACPower: 76 |  | -40 |  | dBm |  |
| ACPower: 77 |  | -40 |  | dBm |  |
| ACPower: 78 |  | -40 |  | dBm |  |
| Channel : 75,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0 |  | -40 |  | dBm |  |
| ACPower: 1 |  | -40 |  | dBm |  |
| ACPower: 2 |  | -40 |  | dBm |  |
| ACPower: 3 |  | -40 |  | dBm |  |
| ACPower: 4 |  | -40 |  | dBm |  |
| ACPower: 5 |  | -40 |  | dBm |  |
| ACPower: 6 |  | -40 |  | dBm |  |
| ACPower: 7 |  | -40 |  | dBm |  |
| ACPower: 8 |  | -40 |  | dBm |  |
| ACPower: 9 |  | -40 |  | dBm |  |
| ACPower: 10 |  | -40 |  | dBm |  |
| ACPower: 11 |  | -40 |  | dBm |  |
| ACPower: 12 |  | -40 |  | dBm |  |
| ACPower: 13 |  | -40 |  | dBm |  |
| ACPower: 14 |  | -40 |  | dBm |  |
| ACPower: 15 |  | -40 |  | dBm |  |
| ACPower: 16 |  | -40 |  | dBm |  |
| ACPower: 17 |  | -40 |  | dBm |  |
| ACPower: 18 |  | -40 |  | dBm |  |
| ACPower: 19 |  | -40 |  | dBm |  |
| ACPower: 20 |  | -40 |  | dBm |  |
| ACPower: 21 |  | -40 |  | dBm |  |
| ACPower: 22 |  | -40 |  | dBm |  |
| ACPower: 23 |  | -40 |  | dBm |  |
| ACPower: 24 |  | -40 |  | dBm |  |
| ACPower: 25 |  | -40 |  | dBm |  |
| ACPower: 26 |  | -40 |  | dBm |  |
| ACPower: 27 |  | -40 |  | dBm |  |
| ACPower: 28 |  | -40 |  | dBm |  |
| ACPower: 29 |  | -40 |  | dBm |  |
| ACPower: 30 |  | -40 |  | dBm |  |
| ACPower: 31 |  | -40 |  | dBm |  |
| ACPower: 32 |  | -40 |  | dBm |  |
| ACPower: 33 |  | -40 |  | dBm |  |
| ACPower: 34 |  | -40 |  | dBm |  |
| ACPower: 35 |  | -40 |  | dBm |  |
| ACPower: 36 |  | -40 |  | dBm |  |
| ACPower: 37 |  | -40 |  | dBm |  |
| ACPower: 38 |  | -40 |  | dBm |  |
| ACPower: 39 |  | -40 |  | dBm |  |
| ACPower: 40 |  | -40 |  | dBm |  |
| ACPower: 41 |  | -40 |  | dBm |  |
| ACPower: 42 |  | -40 |  | dBm |  |
| ACPower: 43 |  | -40 |  | dBm |  |
| ACPower: 44 |  | -40 |  | dBm |  |
| ACPower: 45 |  | -40 |  | dBm |  |
| ACPower: 46 |  | -40 |  | dBm |  |
| ACPower: 47 |  | -40 |  | dBm |  |
| ACPower: 48 |  | -40 |  | dBm |  |
| ACPower: 49 |  | -40 |  | dBm |  |
| ACPower: 50 |  | -40 |  | dBm |  |
| ACPower: 51 |  | -40 |  | dBm |  |
| ACPower: 52 |  | -40 |  | dBm |  |
| ACPower: 53 |  | -40 |  | dBm |  |
| ACPower: 54 |  | -40 |  | dBm |  |
| ACPower: 55 |  | -40 |  | dBm |  |
| ACPower: 56 |  | -40 |  | dBm |  |
| ACPower: 57 |  | -40 |  | dBm |  |
| ACPower: 58 |  | -40 |  | dBm |  |
| ACPower: 59 |  | -40 |  | dBm |  |
| ACPower: 60 |  | -40 |  | dBm |  |
| ACPower: 61 |  | -40 |  | dBm |  |
| ACPower: 62 |  | -40 |  | dBm |  |
| ACPower: 63 |  | -40 |  | dBm |  |
| ACPower: 64 |  | -40 |  | dBm |  |
| ACPower: 65 |  | -40 |  | dBm |  |
| ACPower: 66 |  | -40 |  | dBm |  |
| ACPower: 67 |  | -40 |  | dBm |  |
| ACPower: 68 |  | -40 |  | dBm |  |
| ACPower: 69 |  | -40 |  | dBm |  |
| ACPower: 70 |  | -40 |  | dBm |  |
| ACPower: 71 |  | -40 |  | dBm |  |
| ACPower: 72  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |
| ACPower: 73 |  | -20 |  | dBm |  |
| ACPower: 74,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 75,  Ptxref |  |  |  | dBm |  |
| ACPower: 76,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 77 |  | -20 |  | dBm |  |
| ACPower: 78,  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 |  | dBm |  |
| ACPower: 1 |  | -20 |  | dBm |  |
| ACPower: 2,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 3,  Ptxref |  |  |  | dBm |  |
| ACPower: 4,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 5 |  | -20 |  | dBm |  |
| ACPower: 6,  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |
| ACPower: 7 |  | -40 |  | dBm |  |
| ACPower: 8 |  | -40 |  | dBm |  |
| ACPower: 9 |  | -40 |  | dBm |  |
| ACPower: 10 |  | -40 |  | dBm |  |
| ACPower: 11 |  | -40 |  | dBm |  |
| ACPower: 12 |  | -40 |  | dBm |  |
| ACPower: 13 |  | -40 |  | dBm |  |
| ACPower: 14 |  | -40 |  | dBm |  |
| ACPower: 15 |  | -40 |  | dBm |  |
| ACPower: 16 |  | -40 |  | dBm |  |
| ACPower: 17 |  | -40 |  | dBm |  |
| ACPower: 18 |  | -40 |  | dBm |  |
| ACPower: 19 |  | -40 |  | dBm |  |
| ACPower: 20 |  | -40 |  | dBm |  |
| ACPower: 21 |  | -40 |  | dBm |  |
| ACPower: 22 |  | -40 |  | dBm |  |
| ACPower: 23 |  | -40 |  | dBm |  |
| ACPower: 24 |  | -40 |  | dBm |  |
| ACPower: 25 |  | -40 |  | dBm |  |
| ACPower: 26 |  | -40 |  | dBm |  |
| ACPower: 27 |  | -40 |  | dBm |  |
| ACPower: 28 |  | -40 |  | dBm |  |
| ACPower: 29 |  | -40 |  | dBm |  |
| ACPower: 30 |  | -40 |  | dBm |  |
| ACPower: 31 |  | -40 |  | dBm |  |
| ACPower: 32 |  | -40 |  | dBm |  |
| ACPower: 33 |  | -40 |  | dBm |  |
| ACPower: 34 |  | -40 |  | dBm |  |
| ACPower: 35 |  | -40 |  | dBm |  |
| ACPower: 36 |  | -40 |  | dBm |  |
| ACPower: 37 |  | -40 |  | dBm |  |
| ACPower: 38 |  | -40 |  | dBm |  |
| ACPower: 39 |  | -40 |  | dBm |  |
| ACPower: 40 |  | -40 |  | dBm |  |
| ACPower: 41 |  | -40 |  | dBm |  |
| ACPower: 42 |  | -40 |  | dBm |  |
| ACPower: 43 |  | -40 |  | dBm |  |
| ACPower: 44 |  | -40 |  | dBm |  |
| ACPower: 45 |  | -40 |  | dBm |  |
| ACPower: 46 |  | -40 |  | dBm |  |
| ACPower: 47 |  | -40 |  | dBm |  |
| ACPower: 48 |  | -40 |  | dBm |  |
| ACPower: 49 |  | -40 |  | dBm |  |
| ACPower: 50 |  | -40 |  | dBm |  |
| ACPower: 51 |  | -40 |  | dBm |  |
| ACPower: 52 |  | -40 |  | dBm |  |
| ACPower: 53 |  | -40 |  | dBm |  |
| ACPower: 54 |  | -40 |  | dBm |  |
| ACPower: 55 |  | -40 |  | dBm |  |
| ACPower: 56 |  | -40 |  | dBm |  |
| ACPower: 57 |  | -40 |  | dBm |  |
| ACPower: 58 |  | -40 |  | dBm |  |
| ACPower: 59 |  | -40 |  | dBm |  |
| ACPower: 60 |  | -40 |  | dBm |  |
| ACPower: 61 |  | -40 |  | dBm |  |
| ACPower: 62 |  | -40 |  | dBm |  |
| ACPower: 63 |  | -40 |  | dBm |  |
| ACPower: 64 |  | -40 |  | dBm |  |
| ACPower: 65 |  | -40 |  | dBm |  |
| ACPower: 66 |  | -40 |  | dBm |  |
| ACPower: 67 |  | -40 |  | dBm |  |
| ACPower: 68 |  | -40 |  | dBm |  |
| ACPower: 69 |  | -40 |  | dBm |  |
| ACPower: 70 |  | -40 |  | dBm |  |
| ACPower: 71 |  | -40 |  | dBm |  |
| ACPower: 72 |  | -40 |  | dBm |  |
| ACPower: 73 |  | -40 |  | dBm |  |
| ACPower: 74 |  | -40 |  | dBm |  |
| ACPower: 75 |  | -40 |  | dBm |  |
| ACPower: 76 |  | -40 |  | dBm |  |
| ACPower: 77 |  | -40 |  | dBm |  |
| ACPower: 78 |  | -40 |  | dBm |  |
| Channel : 39,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0 |  | -40 |  | dBm |  |
| ACPower: 1 |  | -40 |  | dBm |  |
| ACPower: 2 |  | -40 |  | dBm |  |
| ACPower: 3 |  | -40 |  | dBm |  |
| ACPower: 4 |  | -40 |  | dBm |  |
| ACPower: 5 |  | -40 |  | dBm |  |
| ACPower: 6 |  | -40 |  | dBm |  |
| ACPower: 7 |  | -40 |  | dBm |  |
| ACPower: 8 |  | -40 |  | dBm |  |
| ACPower: 9 |  | -40 |  | dBm |  |
| ACPower: 10 |  | -40 |  | dBm |  |
| ACPower: 11 |  | -40 |  | dBm |  |
| ACPower: 12 |  | -40 |  | dBm |  |
| ACPower: 13 |  | -40 |  | dBm |  |
| ACPower: 14 |  | -40 |  | dBm |  |
| ACPower: 15 |  | -40 |  | dBm |  |
| ACPower: 16 |  | -40 |  | dBm |  |
| ACPower: 17 |  | -40 |  | dBm |  |
| ACPower: 18 |  | -40 |  | dBm |  |
| ACPower: 19 |  | -40 |  | dBm |  |
| ACPower: 20 |  | -40 |  | dBm |  |
| ACPower: 21 |  | -40 |  | dBm |  |
| ACPower: 22 |  | -40 |  | dBm |  |
| ACPower: 23 |  | -40 |  | dBm |  |
| ACPower: 24 |  | -40 |  | dBm |  |
| ACPower: 25 |  | -40 |  | dBm |  |
| ACPower: 26 |  | -40 |  | dBm |  |
| ACPower: 27 |  | -40 |  | dBm |  |
| ACPower: 28 |  | -40 |  | dBm |  |
| ACPower: 29 |  | -40 |  | dBm |  |
| ACPower: 30 |  | -40 |  | dBm |  |
| ACPower: 31 |  | -40 |  | dBm |  |
| ACPower: 32 |  | -40 |  | dBm |  |
| ACPower: 33 |  | -40 |  | dBm |  |
| ACPower: 34 |  | -40 |  | dBm |  |
| ACPower: 35 |  | -40 |  | dBm |  |
| ACPower: 36  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |
| ACPower: 37 |  | -20 |  | dBm |  |
| ACPower: 38,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 39,  Ptxref |  |  |  | dBm |  |
| ACPower: 40,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 41 |  | -20 |  | dBm |  |
| ACPower: 42,  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |
| ACPower: 43 |  | -40 |  | dBm |  |
| ACPower: 44 |  | -40 |  | dBm |  |
| ACPower: 45 |  | -40 |  | dBm |  |
| ACPower: 46 |  | -40 |  | dBm |  |
| ACPower: 47 |  | -40 |  | dBm |  |
| ACPower: 48 |  | -40 |  | dBm |  |
| ACPower: 49 |  | -40 |  | dBm |  |
| ACPower: 50 |  | -40 |  | dBm |  |
| ACPower: 51 |  | -40 |  | dBm |  |
| ACPower: 52 |  | -40 |  | dBm |  |
| ACPower: 53 |  | -40 |  | dBm |  |
| ACPower: 54 |  | -40 |  | dBm |  |
| ACPower: 55 |  | -40 |  | dBm |  |
| ACPower: 56 |  | -40 |  | dBm |  |
| ACPower: 57 |  | -40 |  | dBm |  |
| ACPower: 58 |  | -40 |  | dBm |  |
| ACPower: 59 |  | -40 |  | dBm |  |
| ACPower: 60 |  | -40 |  | dBm |  |
| ACPower: 61 |  | -40 |  | dBm |  |
| ACPower: 62 |  | -40 |  | dBm |  |
| ACPower: 63 |  | -40 |  | dBm |  |
| ACPower: 64 |  | -40 |  | dBm |  |
| ACPower: 65 |  | -40 |  | dBm |  |
| ACPower: 66 |  | -40 |  | dBm |  |
| ACPower: 67 |  | -40 |  | dBm |  |
| ACPower: 68 |  | -40 |  | dBm |  |
| ACPower: 69 |  | -40 |  | dBm |  |
| ACPower: 70 |  | -40 |  | dBm |  |
| ACPower: 71 |  | -40 |  | dBm |  |
| ACPower: 72 |  | -40 |  | dBm |  |
| ACPower: 73 |  | -40 |  | dBm |  |
| ACPower: 74 |  | -40 |  | dBm |  |
| ACPower: 75 |  | -40 |  | dBm |  |
| ACPower: 76 |  | -40 |  | dBm |  |
| ACPower: 77 |  | -40 |  | dBm |  |
| ACPower: 78 |  | -40 |  | dBm |  |
| Channel : 75,  Exceptions: 2 |  |  |  |  |  |
| ACPower: 0 |  | -40 |  | dBm |  |
| ACPower: 1 |  | -40 |  | dBm |  |
| ACPower: 2 |  | -40 |  | dBm |  |
| ACPower: 3 |  | -40 |  | dBm |  |
| ACPower: 4 |  | -40 |  | dBm |  |
| ACPower: 5 |  | -40 |  | dBm |  |
| ACPower: 6 |  | -40 |  | dBm |  |
| ACPower: 7 |  | -40 |  | dBm |  |
| ACPower: 8 |  | -40 |  | dBm |  |
| ACPower: 9 |  | -40 |  | dBm |  |
| ACPower: 10 |  | -40 |  | dBm |  |
| ACPower: 11 |  | -40 |  | dBm |  |
| ACPower: 12 |  | -40 |  | dBm |  |
| ACPower: 13 |  | -40 |  | dBm |  |
| ACPower: 14 |  | -40 |  | dBm |  |
| ACPower: 15 |  | -40 |  | dBm |  |
| ACPower: 16 |  | -40 |  | dBm |  |
| ACPower: 17 |  | -40 |  | dBm |  |
| ACPower: 18 |  | -40 |  | dBm |  |
| ACPower: 19 |  | -40 |  | dBm |  |
| ACPower: 20 |  | -40 |  | dBm |  |
| ACPower: 21 |  | -40 |  | dBm |  |
| ACPower: 22 |  | -40 |  | dBm |  |
| ACPower: 23 |  | -40 |  | dBm |  |
| ACPower: 24 |  | -40 |  | dBm |  |
| ACPower: 25 |  | -40 |  | dBm |  |
| ACPower: 26 |  | -40 |  | dBm |  |
| ACPower: 27 |  | -40 |  | dBm |  |
| ACPower: 28 |  | -40 |  | dBm |  |
| ACPower: 29 |  | -40 |  | dBm |  |
| ACPower: 30 |  | -40 |  | dBm |  |
| ACPower: 31 |  | -40 |  | dBm |  |
| ACPower: 32 |  | -40 |  | dBm |  |
| ACPower: 33 |  | -40 |  | dBm |  |
| ACPower: 34 |  | -40 |  | dBm |  |
| ACPower: 35 |  | -40 |  | dBm |  |
| ACPower: 36 |  | -40 |  | dBm |  |
| ACPower: 37 |  | -40 |  | dBm |  |
| ACPower: 38 |  | -40 |  | dBm |  |
| ACPower: 39 |  | -40 |  | dBm |  |
| ACPower: 40 |  | -40 |  | dBm |  |
| ACPower: 41 |  | -40 |  | dBm |  |
| ACPower: 42 |  | -40 |  | dBm |  |
| ACPower: 43 |  | -40 |  | dBm |  |
| ACPower: 44 |  | -40 |  | dBm |  |
| ACPower: 45 |  | -40 |  | dBm |  |
| ACPower: 46 |  | -40 |  | dBm |  |
| ACPower: 47 |  | -40 |  | dBm |  |
| ACPower: 48 |  | -40 |  | dBm |  |
| ACPower: 49 |  | -40 |  | dBm |  |
| ACPower: 50 |  | -40 |  | dBm |  |
| ACPower: 51 |  | -40 |  | dBm |  |
| ACPower: 52 |  | -40 |  | dBm |  |
| ACPower: 53 |  | -40 |  | dBm |  |
| ACPower: 54 |  | -40 |  | dBm |  |
| ACPower: 55 |  | -40 |  | dBm |  |
| ACPower: 56 |  | -40 |  | dBm |  |
| ACPower: 57 |  | -40 |  | dBm |  |
| ACPower: 58 |  | -40 |  | dBm |  |
| ACPower: 59 |  | -40 |  | dBm |  |
| ACPower: 60 |  | -40 |  | dBm |  |
| ACPower: 61 |  | -40 |  | dBm |  |
| ACPower: 62 |  | -40 |  | dBm |  |
| ACPower: 63 |  | -40 |  | dBm |  |
| ACPower: 64 |  | -40 |  | dBm |  |
| ACPower: 65 |  | -40 |  | dBm |  |
| ACPower: 66 |  | -40 |  | dBm |  |
| ACPower: 67 |  | -40 |  | dBm |  |
| ACPower: 68 |  | -40 |  | dBm |  |
| ACPower: 69 |  | -40 |  | dBm |  |
| ACPower: 70 |  | -40 |  | dBm |  |
| ACPower: 71 |  | -40 |  | dBm |  |
| ACPower: 72  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |
| ACPower: 73 |  | -20 |  | dBm |  |
| ACPower: 74,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 75,  Ptxref |  |  |  | dBm |  |
| ACPower: 76,  Ptx-26dB |  |  |  | dBm |  |
| ACPower: 77 |  | -20 |  | dBm |  |
| ACPower: 78,  (Exception,limit set to -20dBm) |  | -20 |  | dBm |  |

### 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 |  |  |  | dBm |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power at Minimum |  | 4 |  | dBm |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power at Maximum |  |  |  | dBm |  |
| Channel:39 |  |  |  |  |  |
| Power at Maximum |  |  |  | dBm |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power at Minimum |  | 4 |  | dBm |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power at Maximum |  |  |  | dBm |  |
| Channel:78 |  |  |  |  |  |
| Power at Maximum |  |  |  | dBm |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power Step Down | 2 | 8 |  | dB |  |
| Power at Minimum |  | 4 |  | dBm |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power Step Up | 2 | 8 |  | dB |  |
| Power at Maximum |  |  |  | dBm |  |

### 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 |  | dBm |  |
| Channel: 39 |  | -70 |  | dBm |  |
| Channel: 78 |  | -70 |  | dBm |  |

### 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 |  | dBm |  |
| Channel: 39 |  | -70 |  | dBm |  |
| Channel: 78 |  | -70 |  | dBm |  |

### 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 |  | 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: 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 |  | dBm |  |
| Channel: 39 |  | -70 |  | dBm |  |
| Channel: 78 |  | -70 |  | dBm |  |
| 3-DH5 |  |  |  |  |  |
| Channel: 0 |  | -70 |  | dBm |  |
| Channel: 39 |  | -70 |  | dBm |  |
| Channel: 78 |  | -70 |  | dBm |  |

### 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 |  | 7\*E-6 |  |  |  |
| BER: @ Channel: 39 |  | 7\*E-6 |  |  |  |
| BER: @ Channel: 78 |  | 7\*E-6 |  |  |  |
| 3-DH5, RX Level: -60dBm |  |  |  |  |  |
| BER: @ Channel: 0 |  | 7\*E-6 |  |  |  |
| BER: @ Channel: 39 |  | 7\*E-6 |  |  |  |
| BER: @ Channel: 78 |  | 7\*E-6 |  |  |  |

### 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 |  | 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: 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 |  | 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: 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 | 8.141388 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4428406 | dB | Pass |
| Channel:39 |  |  |  |  |  |
| Average Power | -20 | 20 | 8.758331 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4851685 | dB | Pass |
| Channel:78 |  |  |  |  |  |
| Average Power | -20 | 20 | 9.810852 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4968262 | 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 | -50.31912 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -49.71637 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -30 | -48.49088 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -20 | -45.16663 | dBm | Pass |
| In - Band Em.:  2405 MHz |  |  | -14.98816 | dBm | Pass |
| In - Band Em.:  2406 MHz  (center frequency) |  |  | 6.988861 | dBm | Pass |
| In - Band Em.:  2407 MHz |  |  | -13.39288 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -20 | -45.13403 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -30 | -48.38312 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -49.58374 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -50.11353 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -50.55966 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -50.79309 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -50.80997 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -51.08173 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.26901 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.02133 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -51.00522 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -50.72568 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -50.92636 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -50.84232 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -51.20645 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -51.12347 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -50.93472 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -51.03656 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -50.9314 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -51.18439 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -51.27151 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -51.36438 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -50.93515 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -50.86795 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -51.29694 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -51.32211 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -50.89899 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -51.01923 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -51.19852 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -30 | -50.94223 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -30 | -51.19199 | dBm | Pass |
| In - Band Em.:  2439 MHz |  | -30 | -51.14716 | dBm | Pass |
| In - Band Em.:  2440 MHz |  | -30 | -50.9314 | dBm | Pass |
| In - Band Em.:  2441 MHz |  | -30 | -50.87402 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -30 | -51.18436 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -30 | -51.07562 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -50.68152 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -50.72455 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -50.87161 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -50.8782 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -50.81732 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -51.12466 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -50.94284 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -50.77908 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.71835 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -50.79578 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -47.09439 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -50.99777 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -50.83945 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -50.92517 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -50.99237 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -50.8414 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -51.10611 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -50.84613 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -51.00046 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -50.93002 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -51.01886 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -50.80511 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -50.75388 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -50.89194 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.68701 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -50.13708 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -50.27261 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -50.07819 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -49.7728 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -30 | -49.59195 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -30 | -50.23514 | dBm | Pass |
| In - Band Em.:  2475 MHz |  | -30 | -50.17706 | dBm | Pass |
| In - Band Em.:  2476 MHz |  | -30 | -49.52625 | dBm | Pass |
| In - Band Em.:  2477 MHz |  | -30 | -50.2692 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -30 | -50.62225 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -30 | -48.74384 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -50.66205 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -50.41071 | dBm | Pass |
| Channel:19, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 | -50.77155 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -50.92529 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -30 | -50.9259 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -30 | -51.28864 | dBm | Pass |
| In - Band Em.:  2405 MHz |  | -30 | -51.23804 | dBm | Pass |
| In - Band Em.:  2406 MHz |  | -30 | -51.30127 | dBm | Pass |
| In - Band Em.:  2407 MHz |  | -30 | -51.12476 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -30 | -51.50455 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -30 | -51.21237 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -51.24423 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -51.08896 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -51.34247 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -51.14597 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -51.29514 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -51.11621 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.13599 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.29199 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -51.22668 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -51.18207 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -50.75522 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.19348 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -50.91229 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -51.1319 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -51.00488 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -50.63947 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -50.76178 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -50.76581 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -50.57013 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -50.60645 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -50.6232 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -50.15851 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -50.31747 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -50.22873 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -50.09436 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -49.17102 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -48.75861 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -30 | -47.69516 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -20 | -43.68405 | dBm | Pass |
| In - Band Em.:  2439 MHz |  |  | -13.77084 | dBm | Pass |
| In - Band Em.:  2440 MHz  (center frequency) |  |  | 7.944 | dBm | Pass |
| In - Band Em.:  2441 MHz |  |  | -12.11032 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -20 | -44.44028 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -30 | -48.04095 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -49.00668 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -49.99789 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -50.28824 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -50.71283 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -50.80807 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -50.80396 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -50.96341 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -50.85913 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.62427 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -50.63809 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -50.9248 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -50.82321 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -50.82645 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -50.95938 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -50.90219 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -51.13342 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -50.98737 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -51.0755 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -50.78119 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -50.84656 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -50.95239 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -50.81409 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -50.93884 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -50.78024 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.89474 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -50.79361 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -50.99606 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -50.61316 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -50.59647 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -30 | -50.85086 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -30 | -50.94891 | dBm | Pass |
| In - Band Em.:  2475 MHz |  | -30 | -50.64835 | dBm | Pass |
| In - Band Em.:  2476 MHz |  | -30 | -50.84006 | dBm | Pass |
| In - Band Em.:  2477 MHz |  | -30 | -50.77792 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -30 | -50.68317 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -30 | -50.75665 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -50.81903 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -50.45364 | dBm | Pass |
| Channel:37, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 | -51.22406 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -50.83459 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -30 | -50.84286 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -30 | -49.83124 | dBm | Pass |
| In - Band Em.:  2405 MHz |  | -30 | -51.02014 | dBm | Pass |
| In - Band Em.:  2406 MHz |  | -30 | -50.49811 | dBm | Pass |
| In - Band Em.:  2407 MHz |  | -30 | -50.12448 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -30 | -50.51846 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -30 | -50.57303 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -50.17294 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -50.38562 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -50.96301 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -50.84787 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -51.0141 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -50.73529 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.10626 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.39636 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -51.00302 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -51.28812 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -50.93436 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.03589 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -50.82333 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -50.84915 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -50.94083 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -50.65012 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -50.46979 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -50.659 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -45.13925 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -50.72824 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -50.76541 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -50.79626 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -50.93481 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -50.87775 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -50.92932 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -51.15762 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -50.89761 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -30 | -50.84091 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -30 | -50.72311 | dBm | Pass |
| In - Band Em.:  2439 MHz |  | -30 | -51.02045 | dBm | Pass |
| In - Band Em.:  2440 MHz |  | -30 | -51.12335 | dBm | Pass |
| In - Band Em.:  2441 MHz |  | -30 | -50.97467 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -30 | -51.13409 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -30 | -50.78418 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -51.1539 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -51.01288 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -50.88937 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -50.75531 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -50.55627 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -50.9527 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -50.95444 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -50.41296 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.58841 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -50.39444 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -50.85593 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -50.82587 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -50.70047 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -50.86349 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -50.81711 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -50.94608 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -50.93689 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -50.8562 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -50.90265 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -50.59158 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -50.27756 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -50.25616 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -50.51743 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -50.47086 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.41956 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -49.62866 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -50.00906 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -49.27664 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -48.53397 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -30 | -47.19876 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -20 | -43.18243 | dBm | Pass |
| In - Band Em.:  2475 MHz |  |  | -12.77383 | dBm | Pass |
| In - Band Em.:  2476 MHz  (center frequency) |  |  | 9.283966 | dBm | Pass |
| In - Band Em.:  2477 MHz |  |  | -10.84378 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -20 | -43.46518 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -30 | -47.08191 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -48.39249 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -49.53351 | 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 | 251.1227 | KHz | Pass |
| Delta F2 99.9% | 185 |  | 195.6532 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.839029287277 |  | Pass |
| Channel : 39 |  |  |  |  |  |
| Delta F1 Avg | 225 | 275 | 249.8896 | KHz | Pass |
| Delta F2 99.9% | 185 |  | 195.1537 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.867772008119 |  | Pass |
| Channel : 78 |  |  |  |  |  |
| Delta F1 Avg | 225 | 275 | 248.0187 | KHz | Pass |
| Delta F2 99.9% | 185 |  | 183.5656 | KHz | Fail |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.858939265467 |  | 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 | 7.062197 | KHz | Pass |
| Frequency Drift | -50 | 50 | 1.880169 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | 0.2772808 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 | 1.066685 | KHz | Pass |
| Channel : 19 |  |  |  |  |  |
| Frequency Offset | -150 | 150 | 7.742882 | KHz | Pass |
| Frequency Drift | -50 | 50 | 1.213312 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | -0.5321503 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 | 0.705719 | KHz | Pass |
| Delta F1 Avg | 225 | 275 |  | KHz |  |
| Channel : 39 |  |  | 8.769989 |  | Pass |
| Frequency Offset | -150 | 150 | -0.2925396 | KHz | Pass |
| Frequency Drift | -50 | 50 | -0.3976822 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | -0.1027584 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 |  | KHz |  |
| Delta F1 Avg | 225 | 275 |  | KHz |  |

### 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 | -99.0 | dBm | Pass |
| Channel: 19 |  | -70 | -99.5 | dBm | Pass |
| Channel: 39 |  | -70 | -100.5 | 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 | 50.0 | % | Fail |
| PER @ Channel: 19 | 50 | 65.4 | 50.0 | % | Fail |
| PER @ Channel: 39 | 50 | 65.4 | 50.0 | % | Fail |

# 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 | 8.101257 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4250183 | dB | Pass |
| 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 |  |
| Delta F1 Avg | 225 | 275 |  | 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 |  |
| Delta F1 Avg | 225 | 275 |  | KHz |  |

### RF/RCV-LE2M/CA/BV-01-C [Receiver sensitivity, uncoded data at 1 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 |  | % |  |