

XXXXXX RF Test Report

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| 作 者： |  |
| 日 期： | 2021-6-21 |

北京清微智能科技有限公司

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Revision History

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| --- | --- | --- | --- |
| **Date** | **Revision** | **Description** | **Author** |
| 2021-6-21 | V1.0 |  |  |
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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] | Pass |
| 26 | RF/TRM-LE/CA/BV-03-C [In-band emissions, uncoded data at 1 Ms/s] | Pass |
| 27 | RF/TRM-LE/CA/BV-05-C [Modulation Characteristics, uncoded data at 1 Ms/s] | Fail |
| 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] | Pass |
| 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] | Pass |
| 35 | RF/TRM-LE2M/CA/BV-01-C [Output power] | Pass |
| 36 | RF/TRM-LE2M/CA/BV-03-C [In-band emissions, uncoded data at 2 Ms/s] | Pass |
| 37 | RF/TRM-LE2M/CA/BV-05-C [Modulation Characteristics, uncoded data at 1 Ms/s] | Fail |
| 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] | Pass |
| 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] | Pass |

# 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 | 9.089874 | dBm | Pass |
| Peak Power |  | 23 | 9.349304 | dBm | Pass |
| Channel:39 |  |  |  |  |  |
| Average Power | 0 | 20 | 8.685669 | dBm | Pass |
| Peak Power |  | 23 | 9.017883 | dBm | Pass |
| Channel:78 |  |  |  |  |  |
| Average Power | 0 | 20 | 9.322113 | dBm | Pass |
| Peak Power |  | 23 | 9.637329 | dBm | Pass |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 2 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Power Density:at 2420MHz |  | 20 | 9.775482 | dBm | Pass |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 3 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:0 |  |  |  |  |  |
| Power at Maximum | 0 | 20 | 9.089966 | dBm | Pass |
| Power Step Down | 2 | 8 | 4.222962 | dB | Pass |
| Power Step Down | 2 | 8 | 3.959808 | dB | Pass |
| Power Step Down | 2 | 8 | 4.591095 | dB | Pass |
| Power Step Down | 2 | 8 | 3.532135 | dB | Pass |
| Power Step Down | 2 | 8 | 3.241856 | dB | Pass |
| Power at Minimum |  | 4 | -23.12921 | dBm | Pass |
| Power Step Up | 2 | 8 | 6.86838 | dB | Pass |
| Power Step Up | 2 | 8 | 5.79257 | dB | Pass |
| Power Step Up | 2 | 8 | 3.244475 | dB | Pass |
| Power Step Up | 2 | 8 | 3.545959 | dB | Pass |
| Power Step Up | 2 | 8 | 4.606659 | dB | Pass |
| Power at Maximum |  |  | 9.092072 | dBm | Pass |
| Channel:39 |  |  |  |  |  |
| Power at Maximum | 0 | 20 | 8.68634 | dBm | Pass |
| Power Step Down | 2 | 8 | 3.912048 | dB | Pass |
| Power Step Down | 2 | 8 | 3.7823792 | dB | Pass |
| Power Step Down | 2 | 8 | 4.5305178 | dB | Pass |
| Power Step Down | 2 | 8 | 3.700439 | dB | Pass |
| Power Step Down | 2 | 8 | 3.281986 | dB | Pass |
| Power at Minimum |  | 4 | -23.13864 | dBm | Pass |
| Power Step Up | 2 | 8 | 6.87613 | dB | Pass |
| Power Step Up | 2 | 8 | 5.74743 | dB | Pass |
| Power Step Up | 2 | 8 | 3.282078 | dB | Pass |
| Power Step Up | 2 | 8 | 3.717377 | dB | Pass |
| Power Step Up | 2 | 8 | 4.555542 | dB | Pass |
| Power at Maximum |  |  | 8.695038 | dBm | Pass |
| Channel:78 |  |  |  |  |  |
| Power at Maximum | 0 | 20 | 9.317383 | dBm | Pass |
| Power Step Down | 2 | 8 | 4.225495 | dB | Pass |
| Power Step Down | 2 | 8 | 3.798461 | dB | Pass |
| Power Step Down | 2 | 8 | 4.330933 | dB | Pass |
| Power Step Down | 2 | 8 | 3.710449 | dB | Pass |
| Power Step Down | 2 | 8 | 3.248383 | dB | Pass |
| Power at Minimum |  | 4 | -22.63416 | dBm | Pass |
| Power Step Up | 2 | 8 | 6.9134 | dB | Pass |
| Power Step Up | 2 | 8 | 5.728359 | dB | Pass |
| Power Step Up | 2 | 8 | 3.256195 | dB | Pass |
| Power Step Up | 2 | 8 | 3.675415 | dB | Pass |
| Power Step Up | 2 | 8 | 4.346741 | dB | Pass |
| Power at Maximum |  |  | 9.331177 | dBm | Pass |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 4 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| f(L):Channel 0 | 2400 |  |  | 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) |  |  | -432.3545 | KHz | Pass |
| f(H) |  |  | 480.6619 | KHz | Pass |
| f(H)-f(L) |  | 1000 | 913.0163 | KHz | Pass |
| Channel : 39 |  |  |  |  |  |
| f(L) |  |  | -434.3033 | KHz | Pass |
| f(H) |  |  | 481.6451 | KHz | Pass |
| f(H)-f(L) |  |  | 915.9484 | KHz | Pass |
| Channel : 78 |  |  |  |  |  |
| f(L) |  |  | -432.8237 | KHz | Pass |
| f(H) |  |  | 480.7148 | KHz | Pass |
| f(H)-f(L) |  |  | 913.5385 | KHz | Pass |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 6 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel:3, Exceptions:0 |  |  |  |  |  |
| ACPower: 0 |  | -20 | -51.02094 | dBm | Pass |
| ACPower: 1 |  | -20 | -47.84399 | dBm | Pass |
| ACPower: 2 |  |  | -19.6235 | dBm | Pass |
| ACPower: 3 |  |  | 8.37204 | dBm | Pass |
| ACPower: 4 |  |  | -19.17184 | dBm | Pass |
| ACPower: 5 |  | -20 | -47.38342 | dBm | Pass |
| ACPower: 6 |  | -20 | -50.56131 | dBm | Pass |
| ACPower: 7 |  | -40 | -52.49713 | dBm | Pass |
| ACPower: 8 |  | -40 | -53.79007 | dBm | Pass |
| ACPower: 9 |  | -40 | -55.2319 | dBm | Pass |
| ACPower: 10 |  | -40 | -55.52881 | dBm | Pass |
| ACPower: 11 |  | -40 | -56.82455 | dBm | Pass |
| ACPower: 12 |  | -40 | -56.81671 | dBm | Pass |
| ACPower: 13 |  | -40 | -57.52719 | dBm | Pass |
| ACPower: 14 |  | -40 | -57.36374 | dBm | Pass |
| ACPower: 15 |  | -40 | -57.4603 | dBm | Pass |
| ACPower: 16 |  | -40 | -58.29611 | dBm | Pass |
| ACPower: 17 |  | -40 | -58.66113 | dBm | Pass |
| ACPower: 18 |  | -40 | -57.96741 | dBm | Pass |
| ACPower: 19 |  | -40 | -58.9021 | dBm | Pass |
| ACPower: 20 |  | -40 | -59.39807 | dBm | Pass |
| ACPower: 21 |  | -40 | -58.46719 | dBm | Pass |
| ACPower: 22 |  | -40 | -59.04361 | dBm | Pass |
| ACPower: 23 |  | -40 | -58.85699 | dBm | Pass |
| ACPower: 24 |  | -40 | -58.91849 | dBm | Pass |
| ACPower: 25 |  | -40 | -58.24683 | dBm | Pass |
| ACPower: 26 |  | -40 | -58.82706 | dBm | Pass |
| ACPower: 27 |  | -40 | -58.63547 | dBm | Pass |
| ACPower: 28 |  | -40 | -58.61005 | dBm | Pass |
| ACPower: 29 |  | -40 | -58.01022 | dBm | Pass |
| ACPower: 30 |  | -40 | -59.26794 | dBm | Pass |
| ACPower: 31 |  | -40 | -58.32272 | dBm | Pass |
| ACPower: 32 |  | -40 | -58.8812 | dBm | Pass |
| ACPower: 33 |  | -40 | -58.82446 | dBm | Pass |
| ACPower: 34 |  | -40 | -58.82108 | dBm | Pass |
| ACPower: 35 |  | -40 | -58.94147 | dBm | Pass |
| ACPower: 36 |  | -40 | -58.43011 | dBm | Pass |
| ACPower: 37 |  | -40 | -58.78677 | dBm | Pass |
| ACPower: 38 |  | -40 | -58.16547 | dBm | Pass |
| ACPower: 39 |  | -40 | -58.86032 | dBm | Pass |
| ACPower: 40 |  | -40 | -58.97662 | dBm | Pass |
| ACPower: 41 |  | -40 | -58.42587 | dBm | Pass |
| ACPower: 42 |  | -40 | -57.98685 | dBm | Pass |
| ACPower: 43 |  | -40 | -58.64111 | dBm | Pass |
| ACPower: 44 |  | -40 | -58.0798 | dBm | Pass |
| ACPower: 45 |  | -40 | -58.80576 | dBm | Pass |
| ACPower: 46 |  | -40 | -58.00592 | dBm | Pass |
| ACPower: 47 |  | -40 | -58.61279 | dBm | Pass |
| ACPower: 48 |  | -40 | -58.7179 | dBm | Pass |
| ACPower: 49 |  | -40 | -57.89413 | dBm | Pass |
| ACPower: 50 |  | -40 | -58.7258 | dBm | Pass |
| ACPower: 51 |  | -40 | -47.52124 | dBm | Pass |
| ACPower: 52 |  | -40 | -58.22409 | dBm | Pass |
| ACPower: 53 |  | -40 | -58.46872 | dBm | Pass |
| ACPower: 54 |  | -40 | -58.80731 | dBm | Pass |
| ACPower: 55 |  | -40 | -58.23459 | dBm | Pass |
| ACPower: 56 |  | -40 | -58.10794 | dBm | Pass |
| ACPower: 57 |  | -40 | -57.36942 | dBm | Pass |
| ACPower: 58 |  | -40 | -57.97565 | dBm | Pass |
| ACPower: 59 |  | -40 | -57.75668 | dBm | Pass |
| ACPower: 60 |  | -40 | -58.52014 | dBm | Pass |
| ACPower: 61 |  | -40 | -58.46179 | dBm | Pass |
| ACPower: 62 |  | -40 | -57.58902 | dBm | Pass |
| ACPower: 63 |  | -40 | -57.65598 | dBm | Pass |
| ACPower: 64 |  | -40 | -56.77069 | dBm | Pass |
| ACPower: 65 |  | -40 | -56.69055 | dBm | Pass |
| ACPower: 66 |  | -40 | -56.84418 | dBm | Pass |
| ACPower: 67 |  | -40 | -56.62201 | dBm | Pass |
| ACPower: 68 |  | -40 | -54.35245 | dBm | Pass |
| ACPower: 69 |  | -40 | -53.66107 | dBm | Pass |
| ACPower: 70 |  | -40 | -55.06403 | dBm | Pass |
| ACPower: 71 |  | -40 | -55.94098 | dBm | Pass |
| ACPower: 72 |  | -40 | -53.93497 | dBm | Pass |
| ACPower: 73 |  | -40 | -56.87518 | dBm | Pass |
| ACPower: 74 |  | -40 | -57.76526 | dBm | Pass |
| ACPower: 75 |  | -40 | -52.41663 | dBm | Pass |
| ACPower: 76 |  | -40 | -57.9718 | dBm | Pass |
| ACPower: 77 |  | -40 | -57.495 | dBm | Pass |
| ACPower: 78 |  | -40 | -57.49557 | dBm | Pass |
| Channel:39, Exceptions:0 |  |  |  |  |  |
| ACPower: 0 |  | -40 | -57.34879 | dBm | Pass |
| ACPower: 1 |  | -40 | -57.47147 | dBm | Pass |
| ACPower: 2 |  | -40 | -58.36331 | dBm | Pass |
| ACPower: 3 |  | -40 | -56.98489 | dBm | Pass |
| ACPower: 4 |  | -40 | -57.3508 | dBm | Pass |
| ACPower: 5 |  | -40 | -57.73175 | dBm | Pass |
| ACPower: 6 |  | -40 | -57.88892 | dBm | Pass |
| ACPower: 7 |  | -40 | -58.47131 | dBm | Pass |
| ACPower: 8 |  | -40 | -58.2254 | dBm | Pass |
| ACPower: 9 |  | -40 | -57.95163 | dBm | Pass |
| ACPower: 10 |  | -40 | -58.27759 | dBm | Pass |
| ACPower: 11 |  | -40 | -57.31067 | dBm | Pass |
| ACPower: 12 |  | -40 | -57.81125 | dBm | Pass |
| ACPower: 13 |  | -40 | -57.78314 | dBm | Pass |
| ACPower: 14 |  | -40 | -57.89496 | dBm | Pass |
| ACPower: 15 |  | -40 | -57.64355 | dBm | Pass |
| ACPower: 16 |  | -40 | -57.79248 | dBm | Pass |
| ACPower: 17 |  | -40 | -57.53854 | dBm | Pass |
| ACPower: 18 |  | -40 | -57.59897 | dBm | Pass |
| ACPower: 19 |  | -40 | -57.79532 | dBm | Pass |
| ACPower: 20 |  | -40 | -57.81812 | dBm | Pass |
| ACPower: 21 |  | -40 | -57.66318 | dBm | Pass |
| ACPower: 22 |  | -40 | -57.97415 | dBm | Pass |
| ACPower: 23 |  | -40 | -57.79117 | dBm | Pass |
| ACPower: 24 |  | -40 | -56.81851 | dBm | Pass |
| ACPower: 25 |  | -40 | -57.93527 | dBm | Pass |
| ACPower: 26 |  | -40 | -57.22153 | dBm | Pass |
| ACPower: 27 |  | -40 | -57.30991 | dBm | Pass |
| ACPower: 28 |  | -40 | -57.67239 | dBm | Pass |
| ACPower: 29 |  | -40 | -57.82498 | dBm | Pass |
| ACPower: 30 |  | -40 | -57.04724 | dBm | Pass |
| ACPower: 31 |  | -40 | -56.89276 | dBm | Pass |
| ACPower: 32 |  | -40 | -55.56854 | dBm | Pass |
| ACPower: 33 |  | -40 | -55.60452 | dBm | Pass |
| ACPower: 34 |  | -40 | -53.95465 | dBm | Pass |
| ACPower: 35 |  | -40 | -52.95123 | dBm | Pass |
| ACPower: 36 |  | -20 | -51.36227 | dBm | Pass |
| ACPower: 37 |  | -20 | -48.3446 | dBm | Pass |
| ACPower: 38 |  |  | -19.49701 | dBm | Pass |
| ACPower: 39 |  |  | 8.011292 | dBm | Pass |
| ACPower: 40 |  |  | -19.1991 | dBm | Pass |
| ACPower: 41 |  | -20 | -47.97214 | dBm | Pass |
| ACPower: 42 |  | -20 | -51.74707 | dBm | Pass |
| ACPower: 43 |  | -40 | -52.8526 | dBm | Pass |
| ACPower: 44 |  | -40 | -54.52393 | dBm | Pass |
| ACPower: 45 |  | -40 | -56.26431 | dBm | Pass |
| ACPower: 46 |  | -40 | -55.74326 | dBm | Pass |
| ACPower: 47 |  | -40 | -57.41934 | dBm | Pass |
| ACPower: 48 |  | -40 | -57.30682 | dBm | Pass |
| ACPower: 49 |  | -40 | -58.23083 | dBm | Pass |
| ACPower: 50 |  | -40 | -58.05112 | dBm | Pass |
| ACPower: 51 |  | -40 | -58.0542 | dBm | Pass |
| ACPower: 52 |  | -40 | -58.02734 | dBm | Pass |
| ACPower: 53 |  | -40 | -58.45892 | dBm | Pass |
| ACPower: 54 |  | -40 | -58.00998 | dBm | Pass |
| ACPower: 55 |  | -40 | -58.69595 | dBm | Pass |
| ACPower: 56 |  | -40 | -58.94824 | dBm | Pass |
| ACPower: 57 |  | -40 | -58.52167 | dBm | Pass |
| ACPower: 58 |  | -40 | -59.37302 | dBm | Pass |
| ACPower: 59 |  | -40 | -58.58914 | dBm | Pass |
| ACPower: 60 |  | -40 | -59.01685 | dBm | Pass |
| ACPower: 61 |  | -40 | -58.40579 | dBm | Pass |
| ACPower: 62 |  | -40 | -58.71051 | dBm | Pass |
| ACPower: 63 |  | -40 | -58.29065 | dBm | Pass |
| ACPower: 64 |  | -40 | -58.57687 | dBm | Pass |
| ACPower: 65 |  | -40 | -58.62112 | dBm | Pass |
| ACPower: 66 |  | -40 | -58.86163 | dBm | Pass |
| ACPower: 67 |  | -40 | -58.46811 | dBm | Pass |
| ACPower: 68 |  | -40 | -58.77811 | dBm | Pass |
| ACPower: 69 |  | -40 | -58.52805 | dBm | Pass |
| ACPower: 70 |  | -40 | -58.31668 | dBm | Pass |
| ACPower: 71 |  | -40 | -58.64554 | dBm | Pass |
| ACPower: 72 |  | -40 | -57.75214 | dBm | Pass |
| ACPower: 73 |  | -40 | -58.39651 | dBm | Pass |
| ACPower: 74 |  | -40 | -57.68707 | dBm | Pass |
| ACPower: 75 |  | -40 | -58.315 | dBm | Pass |
| ACPower: 76 |  | -40 | -58.7923 | dBm | Pass |
| ACPower: 77 |  | -40 | -58.28528 | dBm | Pass |
| ACPower: 78 |  | -40 | -57.53986 | dBm | Pass |
| Channel:75, Exceptions:0 |  |  |  |  |  |
| ACPower: 0 |  | -40 | -57.29831 | dBm | Pass |
| ACPower: 1 |  | -40 | -57.48914 | dBm | Pass |
| ACPower: 2 |  | -40 | -57.58652 | dBm | Pass |
| ACPower: 3 |  | -40 | -52.92792 | dBm | Pass |
| ACPower: 4 |  | -40 | -58.11783 | dBm | Pass |
| ACPower: 5 |  | -40 | -56.34485 | dBm | Pass |
| ACPower: 6 |  | -40 | -53.31161 | dBm | Pass |
| ACPower: 7 |  | -40 | -55.3508 | dBm | Pass |
| ACPower: 8 |  | -40 | -54.72769 | dBm | Pass |
| ACPower: 9 |  | -40 | -54.98672 | dBm | Pass |
| ACPower: 10 |  | -40 | -54.13773 | dBm | Pass |
| ACPower: 11 |  | -40 | -56.47284 | dBm | Pass |
| ACPower: 12 |  | -40 | -57.3812 | dBm | Pass |
| ACPower: 13 |  | -40 | -56.61618 | dBm | Pass |
| ACPower: 14 |  | -40 | -57.36374 | dBm | Pass |
| ACPower: 15 |  | -40 | -57.44064 | dBm | Pass |
| ACPower: 16 |  | -40 | -56.98242 | dBm | Pass |
| ACPower: 17 |  | -40 | -58.10309 | dBm | Pass |
| ACPower: 18 |  | -40 | -57.8194 | dBm | Pass |
| ACPower: 19 |  | -40 | -57.11386 | dBm | Pass |
| ACPower: 20 |  | -40 | -57.63019 | dBm | Pass |
| ACPower: 21 |  | -40 | -57.48462 | dBm | Pass |
| ACPower: 22 |  | -40 | -57.64481 | dBm | Pass |
| ACPower: 23 |  | -40 | -57.06406 | dBm | Pass |
| ACPower: 24 |  | -40 | -58.0249 | dBm | Pass |
| ACPower: 25 |  | -40 | -57.80804 | dBm | Pass |
| ACPower: 26 |  | -40 | -57.65152 | dBm | Pass |
| ACPower: 27 |  | -40 | -47.59512 | dBm | Pass |
| ACPower: 28 |  | -40 | -58.44235 | dBm | Pass |
| ACPower: 29 |  | -40 | -57.36032 | dBm | Pass |
| ACPower: 30 |  | -40 | -58.75684 | dBm | Pass |
| ACPower: 31 |  | -40 | -58.40067 | dBm | Pass |
| ACPower: 32 |  | -40 | -57.9917 | dBm | Pass |
| ACPower: 33 |  | -40 | -58.6825 | dBm | Pass |
| ACPower: 34 |  | -40 | -57.61685 | dBm | Pass |
| ACPower: 35 |  | -40 | -58.60257 | dBm | Pass |
| ACPower: 36 |  | -40 | -58.22894 | dBm | Pass |
| ACPower: 37 |  | -40 | -58.79523 | dBm | Pass |
| ACPower: 38 |  | -40 | -58.96561 | dBm | Pass |
| ACPower: 39 |  | -40 | -58.4389 | dBm | Pass |
| ACPower: 40 |  | -40 | -57.94971 | dBm | Pass |
| ACPower: 41 |  | -40 | -58.10172 | dBm | Pass |
| ACPower: 42 |  | -40 | -57.73743 | dBm | Pass |
| ACPower: 43 |  | -40 | -58.41394 | dBm | Pass |
| ACPower: 44 |  | -40 | -58.33932 | dBm | Pass |
| ACPower: 45 |  | -40 | -57.93994 | dBm | Pass |
| ACPower: 46 |  | -40 | -58.25079 | dBm | Pass |
| ACPower: 47 |  | -40 | -58.11798 | dBm | Pass |
| ACPower: 48 |  | -40 | -58.81873 | dBm | Pass |
| ACPower: 49 |  | -40 | -58.2337 | dBm | Pass |
| ACPower: 50 |  | -40 | -58.30322 | dBm | Pass |
| ACPower: 51 |  | -40 | -58.14615 | dBm | Pass |
| ACPower: 52 |  | -40 | -58.32648 | dBm | Pass |
| ACPower: 53 |  | -40 | -58.16275 | dBm | Pass |
| ACPower: 54 |  | -40 | -58.45898 | dBm | Pass |
| ACPower: 55 |  | -40 | -58.57071 | dBm | Pass |
| ACPower: 56 |  | -40 | -58.39758 | dBm | Pass |
| ACPower: 57 |  | -40 | -58.10291 | dBm | Pass |
| ACPower: 58 |  | -40 | -58.37848 | dBm | Pass |
| ACPower: 59 |  | -40 | -58.47983 | dBm | Pass |
| ACPower: 60 |  | -40 | -57.24356 | dBm | Pass |
| ACPower: 61 |  | -40 | -58.28159 | dBm | Pass |
| ACPower: 62 |  | -40 | -57.0354 | dBm | Pass |
| ACPower: 63 |  | -40 | -57.32755 | dBm | Pass |
| ACPower: 64 |  | -40 | -57.34537 | dBm | Pass |
| ACPower: 65 |  | -40 | -57.79468 | dBm | Pass |
| ACPower: 66 |  | -40 | -56.34933 | dBm | Pass |
| ACPower: 67 |  | -40 | -56.68231 | dBm | Pass |
| ACPower: 68 |  | -40 | -54.90341 | dBm | Pass |
| ACPower: 69 |  | -40 | -55.27148 | dBm | Pass |
| ACPower: 70 |  | -40 | -53.66278 | dBm | Pass |
| ACPower: 71 |  | -40 | -52.19424 | dBm | Pass |
| ACPower: 72 |  | -20 | -50.62634 | dBm | Pass |
| ACPower: 73 |  | -20 | -47.65994 | dBm | Pass |
| ACPower: 74 |  |  | -18.96625 | dBm | Pass |
| ACPower: 75 |  |  | 8.639984 | dBm | Pass |
| ACPower: 76 |  |  | -19.14056 | dBm | Pass |
| ACPower: 77 |  | -20 | -47.8208 | dBm | Pass |
| ACPower: 78 |  | -20 | -50.80276 | dBm | Pass |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 7 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Delta F1 Avg | 140 | 175 | 155.9684 | KHz | Pass |
| Delta F2 99.9% | 115 |  | 117.382 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.826738621413 |  | Pass |
| Channel : 39 |  |  |  |  |  |
| Delta F1 Avg | 140 | 175 | 154.4075 | KHz | Pass |
| Delta F2 99.9% | 115 |  | 106.8928 | KHz | Fail |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.86257338536 |  | Pass |
| Channel : 78 |  |  |  |  |  |
| Delta F1 Avg | 140 | 175 | 155.7195 | KHz | Pass |
| Delta F2 99.9% | 115 |  | 112.4871 | KHz | Fail |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.859179486192 |  | Pass |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 8 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Max. Frequency Tolerance | -75 | 75 | 9.0518 | KHz | Pass |
| Channel : 39 |  |  |  |  |  |
| Max. Frequency Tolerance | -75 | 75 | 5.319834 | KHz | Pass |
| Channel : 78 |  |  |  |  |  |
| Max. Frequency Tolerance | -75 | 75 | 10.46968 | KHz | Pass |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 9 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| Channel : 0 |  |  |  |  |  |
| Max. Drift (DH1) | -25 | 25 |  | 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 | -47.76782 | dBm | Pass |
| ACPower: 1 |  | -20 | -47.54407 | dBm | Pass |
| ACPower: 2,  Ptx-26dB |  |  | -47.68231 | dBm | Pass |
| ACPower: 3,  Ptxref |  |  | -18.14081 | dBm | Pass |
| ACPower: 4,  Ptx-26dB |  |  | 6.462585 | dBm | Pass |
| ACPower: 5 |  | -20 | -16.95801 | dBm | Fail |
| ACPower: 6,  (Exception,limit set to -20dBm) |  | -20 | -37.28574 | dBm | Pass |
| ACPower: 7 |  | -40 | -32.42188 | dBm | Fail |
| ACPower: 8 |  | -40 | -19.18542 | dBm | Fail |
| ACPower: 9 |  | -40 | 0.70755 | dBm | Fail |
| ACPower: 10 |  | -40 | 14.69641 | dBm | Fail |
| ACPower: 11 |  | -40 | 1.426208 | dBm | Fail |
| ACPower: 12 |  | -40 | -18.33286 | dBm | Fail |
| ACPower: 13 |  | -40 | -33.54721 | dBm | Fail |
| ACPower: 14 |  | -40 | -41.10956 | dBm | Pass |
| ACPower: 15 |  | -40 | -44.46051 | dBm | Pass |
| ACPower: 16 |  | -40 | -46.33521 | dBm | Pass |
| ACPower: 17 |  | -40 | -46.77533 | dBm | Pass |
| ACPower: 18 |  | -40 | -47.86972 | dBm | Pass |
| ACPower: 19 |  | -40 | -48.08023 | dBm | Pass |
| ACPower: 20 |  | -40 | -48.28915 | dBm | Pass |
| 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 | -48.4856 | dBm | Pass |
| ACPower: 1 |  | -40 | -48.10812 | dBm | Pass |
| ACPower: 2 |  | -40 | -48.07794 | dBm | Pass |
| ACPower: 3 |  | -40 | -46.60349 | dBm | Pass |
| ACPower: 4 |  | -40 | -45.03531 | dBm | Pass |
| ACPower: 5 |  | -40 | -43.56952 | dBm | Pass |
| ACPower: 6 |  | -40 | -37.28925 | dBm | Fail |
| ACPower: 7 |  | -40 | -32.32999 | dBm | Fail |
| ACPower: 8 |  | -40 | -18.39899 | dBm | Fail |
| ACPower: 9 |  | -40 | 0.3561401 | dBm | Fail |
| ACPower: 10 |  | -40 | 14.33258 | dBm | Fail |
| ACPower: 11 |  | -40 | 1.208923 | dBm | Fail |
| ACPower: 12 |  | -40 | -17.784 | dBm | Fail |
| ACPower: 13 |  | -40 | -33.08743 | dBm | Fail |
| ACPower: 14 |  | -40 | -42.58914 | dBm | Pass |
| ACPower: 15 |  | -40 | -45.0625 | dBm | Pass |
| ACPower: 16 |  | -40 | -47.22375 | dBm | Pass |
| ACPower: 17 |  | -40 | -47.11023 | dBm | Pass |
| ACPower: 18 |  | -40 | -48.17953 | dBm | Pass |
| ACPower: 19 |  | -40 | -48.70053 | dBm | Pass |
| ACPower: 20 |  | -40 | -49.33148 | dBm | Pass |
| 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 |  |  | -17.81735 | dBm | Pass |
| ACPower: 40,  Ptx-26dB |  |  | 6.135986 | dBm | Pass |
| ACPower: 41 |  | -20 | -16.85632 | dBm | Fail |
| 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 | -48.19238 | dBm | Pass |
| ACPower: 1 |  | -40 | -48.05283 | dBm | Pass |
| ACPower: 2 |  | -40 | -47.74207 | dBm | Pass |
| ACPower: 3 |  | -40 | -46.39545 | dBm | Pass |
| ACPower: 4 |  | -40 | -44.16547 | dBm | Pass |
| ACPower: 5 |  | -40 | -43.39063 | dBm | Pass |
| ACPower: 6 |  | -40 | -36.90387 | dBm | Fail |
| ACPower: 7 |  | -40 | -32.25684 | dBm | Fail |
| ACPower: 8 |  | -40 | -18.78998 | dBm | Fail |
| ACPower: 9 |  | -40 | 1.068573 | dBm | Fail |
| ACPower: 10 |  | -40 | 15.0853 | dBm | Fail |
| ACPower: 11 |  | -40 | 1.716248 | dBm | Fail |
| ACPower: 12 |  | -40 | -17.79214 | dBm | Fail |
| ACPower: 13 |  | -40 | -33.22528 | dBm | Fail |
| ACPower: 14 |  | -40 | -42.3194 | dBm | Pass |
| ACPower: 15 |  | -40 | -44.59174 | dBm | Pass |
| ACPower: 16 |  | -40 | -46.41068 | dBm | Pass |
| ACPower: 17 |  | -40 | -46.85791 | dBm | Pass |
| ACPower: 18 |  | -40 | -48.41891 | dBm | Pass |
| ACPower: 19 |  | -40 | -48.76846 | dBm | Pass |
| ACPower: 20 |  | -40 | -48.74539 | dBm | Pass |
| 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 |  |  | -17.89587 | dBm | Pass |
| ACPower: 76,  Ptx-26dB |  |  | 6.8909 | dBm | Pass |
| ACPower: 77 |  | -20 | -16.98947 | dBm | Fail |
| 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 | -48.35715 | dBm | Pass |
| ACPower: 1 |  | -20 | -47.48013 | dBm | Pass |
| ACPower: 2,  Ptx-26dB |  |  | -46.67947 | dBm | Pass |
| ACPower: 3,  Ptxref |  |  | -17.96225 | dBm | Pass |
| ACPower: 4,  Ptx-26dB |  |  | 6.674042 | dBm | Pass |
| ACPower: 5 |  | -20 | -16.32117 | dBm | Fail |
| ACPower: 6,  (Exception,limit set to -20dBm) |  | -20 | -38.10266 | dBm | Pass |
| ACPower: 7 |  | -40 | -31.76682 | dBm | Fail |
| ACPower: 8 |  | -40 | -17.0704 | dBm | Fail |
| ACPower: 9 |  | -40 | 1.141815 | dBm | Fail |
| ACPower: 10 |  | -40 | 14.92944 | dBm | Fail |
| ACPower: 11 |  | -40 | 1.063965 | dBm | Fail |
| ACPower: 12 |  | -40 | -17.72437 | dBm | Fail |
| ACPower: 13 |  | -40 | -31.61411 | dBm | Fail |
| ACPower: 14 |  | -40 | -37.35614 | dBm | Fail |
| ACPower: 15 |  | -40 | -40.26489 | dBm | Pass |
| ACPower: 16 |  | -40 | -41.46277 | dBm | Pass |
| ACPower: 17 |  | -40 | -44.2175 | dBm | Pass |
| ACPower: 18 |  | -40 | -47.21771 | dBm | Pass |
| ACPower: 19 |  | -40 | -47.90314 | dBm | Pass |
| ACPower: 20 |  | -40 | -48.16336 | dBm | Pass |
| 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 | -48.23853 | dBm | Pass |
| ACPower: 1 |  | -40 | -47.67288 | dBm | Pass |
| ACPower: 2 |  | -40 | -47.13177 | dBm | Pass |
| ACPower: 3 |  | -40 | -44.72952 | dBm | Pass |
| ACPower: 4 |  | -40 | -41.03821 | dBm | Pass |
| ACPower: 5 |  | -40 | -38.83597 | dBm | Fail |
| ACPower: 6 |  | -40 | -37.70218 | dBm | Fail |
| ACPower: 7 |  | -40 | -30.0174 | dBm | Fail |
| ACPower: 8 |  | -40 | -16.37128 | dBm | Fail |
| ACPower: 9 |  | -40 | 0.9082031 | dBm | Fail |
| ACPower: 10 |  | -40 | 14.55463 | dBm | Fail |
| ACPower: 11 |  | -40 | 0.9912109 | dBm | Fail |
| ACPower: 12 |  | -40 | -17.42734 | dBm | Fail |
| ACPower: 13 |  | -40 | -30.10556 | dBm | Fail |
| ACPower: 14 |  | -40 | -38.2702 | dBm | Fail |
| ACPower: 15 |  | -40 | -40.55713 | dBm | Pass |
| ACPower: 16 |  | -40 | -42.10455 | dBm | Pass |
| ACPower: 17 |  | -40 | -45.00949 | dBm | Pass |
| ACPower: 18 |  | -40 | -47.19412 | dBm | Pass |
| ACPower: 19 |  | -40 | -47.99203 | dBm | Pass |
| ACPower: 20 |  | -40 | -48.85327 | dBm | Pass |
| 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 |  |  | -17.50073 | dBm | Pass |
| ACPower: 40,  Ptx-26dB |  |  | 6.186462 | dBm | Pass |
| ACPower: 41 |  | -20 | -16.39954 | dBm | Fail |
| 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 | -48.09741 | dBm | Pass |
| ACPower: 1 |  | -40 | -47.21741 | dBm | Pass |
| ACPower: 2 |  | -40 | -46.50937 | dBm | Pass |
| ACPower: 3 |  | -40 | -43.97986 | dBm | Pass |
| ACPower: 4 |  | -40 | -40.8053 | dBm | Pass |
| ACPower: 5 |  | -40 | -38.59183 | dBm | Fail |
| ACPower: 6 |  | -40 | -38.20511 | dBm | Fail |
| ACPower: 7 |  | -40 | -30.85977 | dBm | Fail |
| ACPower: 8 |  | -40 | -16.81964 | dBm | Fail |
| ACPower: 9 |  | -40 | 1.465179 | dBm | Fail |
| ACPower: 10 |  | -40 | 15.25876 | dBm | Fail |
| ACPower: 11 |  | -40 | 1.555176 | dBm | Fail |
| ACPower: 12 |  | -40 | -17.42139 | dBm | Fail |
| ACPower: 13 |  | -40 | -30.90463 | dBm | Fail |
| ACPower: 14 |  | -40 | -37.61362 | dBm | Fail |
| ACPower: 15 |  | -40 | -39.95569 | dBm | Fail |
| ACPower: 16 |  | -40 | -41.62372 | dBm | Pass |
| ACPower: 17 |  | -40 | -44.9649 | dBm | Pass |
| ACPower: 18 |  | -40 | -47.38138 | dBm | Pass |
| ACPower: 19 |  | -40 | -48.13895 | dBm | Pass |
| ACPower: 20 |  | -40 | -49.21609 | dBm | Pass |
| 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 |  |  | -17.58588 | dBm | Pass |
| ACPower: 76,  Ptx-26dB |  |  | 6.444214 | dBm | Pass |
| ACPower: 77 |  | -20 | -16.45816 | dBm | Fail |
| 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 |  | 0.000007 |  |  |  |
| BER: @ Channel: 39 |  | 0.000007 |  |  |  |
| BER: @ Channel: 78 |  | 0.000007 |  |  |  |
| 3-DH5, RX Level: -60dBm |  |  |  |  |  |
| BER: @ Channel: 0 |  | 0.000007 |  |  |  |
| BER: @ Channel: 39 |  | 0.000007 |  |  |  |
| BER: @ Channel: 78 |  | 0.000007 |  |  |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 24 | | | | | |
| Test Name and Condition | Low Limit | Upper Limit | Measure Value | Unit | Pass/Fail |
| 2-DH5 |  |  |  |  |  |
| Image Frequency: -2MHz |  |  |  |  |  |
| Channel: 3 |  |  |  |  |  |
| C/I : Co-Channel interference,  BER < 0.1%,  RX Level:-60 |  | 13 |  | 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 | 8.490173 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4496765 | dB | Pass |
| Channel:39 |  |  |  |  |  |
| Average Power | -20 | 20 | 8.118408 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4874268 | dB | Pass |
| Channel:78 |  |  |  |  |  |
| Average Power | -20 | 20 | 8.625336 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4732971 | 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 | -49.8685 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -49.33899 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -20 | -48.58688 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -20 | -44.97028 | dBm | Pass |
| In - Band Em.:  2405 MHz |  |  | -14.34216 | dBm | Pass |
| In - Band Em.:  2406 MHz  (center frequency) |  |  | 7.690125 | dBm | Pass |
| In - Band Em.:  2407 MHz |  |  | -12.72119 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -20 | -44.67987 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -20 | -48.13947 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -49.3916 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -49.66873 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -50.61462 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -50.73111 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -51.06003 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -50.92642 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -50.91415 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.01007 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -50.97562 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -50.86807 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -51.07675 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.10025 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -50.79224 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -50.89972 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -50.83133 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -50.97354 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -50.98166 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -51.29248 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -51.1684 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -51.0538 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -50.94672 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -51.19421 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -51.13623 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -51.09607 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -50.91895 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -50.90005 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -51.16379 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -30 | -50.96417 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -30 | -50.97952 | dBm | Pass |
| In - Band Em.:  2439 MHz |  | -30 | -50.91733 | dBm | Pass |
| In - Band Em.:  2440 MHz |  | -30 | -50.86667 | dBm | Pass |
| In - Band Em.:  2441 MHz |  | -30 | -50.96518 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -30 | -50.97626 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -30 | -51.03619 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -50.29321 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -50.85333 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -50.71411 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -50.81427 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -50.80557 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -50.84085 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -50.87601 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -50.98853 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.68524 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -50.83112 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -46.48804 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -50.66724 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -50.92435 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -50.77744 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -50.86911 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -51.07513 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -50.89636 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -50.74722 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -50.58249 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -50.76169 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -50.65842 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -50.88269 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -50.73749 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -50.44324 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.42822 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -50.29074 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -49.93082 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -49.99725 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -49.73508 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -30 | -49.49564 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -30 | -50.51758 | dBm | Pass |
| In - Band Em.:  2475 MHz |  | -30 | -50.28351 | dBm | Pass |
| In - Band Em.:  2476 MHz |  | -30 | -49.69574 | dBm | Pass |
| In - Band Em.:  2477 MHz |  | -30 | -50.46014 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -30 | -50.61212 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -30 | -49.20389 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -50.78809 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -50.60895 | dBm | Pass |
| Channel:19, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 | -50.7648 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -50.91904 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -30 | -51.0712 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -30 | -51.37912 | dBm | Pass |
| In - Band Em.:  2405 MHz |  | -30 | -51.00336 | dBm | Pass |
| In - Band Em.:  2406 MHz |  | -30 | -50.89066 | dBm | Pass |
| In - Band Em.:  2407 MHz |  | -30 | -51.16284 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -30 | -51.30374 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -30 | -51.23737 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -51.07614 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -51.26544 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -51.0141 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -51.24963 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -51.25058 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -51.306 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.04306 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.11179 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -51.03302 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -51.05713 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -50.83215 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.47336 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -50.9082 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -51.21298 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -50.62411 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -50.96478 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -50.91302 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -51.11899 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -50.6998 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -50.45737 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -50.73178 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -50.53061 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -50.25043 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -50.22681 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -50.18188 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -49.61758 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -49.311 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -20 | -48.3472 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -20 | -44.20416 | dBm | Pass |
| In - Band Em.:  2439 MHz |  |  | -14.4519 | dBm | Pass |
| In - Band Em.:  2440 MHz  (center frequency) |  |  | 7.290314 | dBm | Pass |
| In - Band Em.:  2441 MHz |  |  | -12.64429 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -20 | -44.73737 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -20 | -48.08572 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -48.94489 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -49.73138 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -50.32922 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -50.50906 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -50.98795 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -51.12668 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -50.68427 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -51.03241 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.77863 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -50.56253 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -50.65982 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -50.44669 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -50.69888 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -50.93207 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -51.04953 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -50.64905 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -50.55652 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -51.04242 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -50.9054 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -50.95294 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -50.71152 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -50.6326 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -50.96945 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -51.01431 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.92834 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -50.97504 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -50.81168 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -50.58447 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -50.77472 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -30 | -50.55612 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -30 | -51.00464 | dBm | Pass |
| In - Band Em.:  2475 MHz |  | -30 | -50.54221 | dBm | Pass |
| In - Band Em.:  2476 MHz |  | -30 | -50.76709 | dBm | Pass |
| In - Band Em.:  2477 MHz |  | -30 | -50.56805 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -30 | -51.02179 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -30 | -50.1792 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -50.96857 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -50.83807 | dBm | Pass |
| Channel:37, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 | -50.81714 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -50.8555 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -30 | -50.80569 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -30 | -49.52203 | dBm | Pass |
| In - Band Em.:  2405 MHz |  | -30 | -50.64737 | dBm | Pass |
| In - Band Em.:  2406 MHz |  | -30 | -50.23581 | dBm | Pass |
| In - Band Em.:  2407 MHz |  | -30 | -49.66769 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -30 | -50.4538 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -30 | -50.39096 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -49.95624 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -50.23727 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -50.86938 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -50.75095 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -51.16141 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -51.03729 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.04102 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.04947 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -50.98895 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -51.13354 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -50.94745 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.08905 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -50.97729 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -50.74176 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -50.62183 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -51.02222 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -50.59692 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -50.74454 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -46.01718 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -50.86337 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -51.04816 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -50.98624 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -50.98932 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -50.70242 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -50.89569 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -50.69006 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -50.86249 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -30 | -51.0593 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -30 | -51.08838 | dBm | Pass |
| In - Band Em.:  2439 MHz |  | -30 | -51.01837 | dBm | Pass |
| In - Band Em.:  2440 MHz |  | -30 | -50.96136 | dBm | Pass |
| In - Band Em.:  2441 MHz |  | -30 | -50.73926 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -30 | -50.88638 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -30 | -50.8786 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -51.08557 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -50.99799 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -50.74118 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -50.94269 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -51.00269 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -50.90747 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -50.77817 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -50.37766 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.59521 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -50.18741 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -50.73257 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -50.65378 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -50.8111 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -50.67587 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -50.78018 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -50.93137 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -50.97025 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -50.91971 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -50.90808 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -50.86737 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -50.24493 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -50.50766 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -50.61151 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -50.61618 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.43558 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -49.99429 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -50.18823 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -49.30804 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -48.80835 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -20 | -47.81369 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -20 | -43.91992 | dBm | Pass |
| In - Band Em.:  2475 MHz |  |  | -14.07333 | dBm | Pass |
| In - Band Em.:  2476 MHz  (center frequency) |  |  | 7.975983 | dBm | Pass |
| In - Band Em.:  2477 MHz |  |  | -12.23251 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -20 | -44.50583 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -20 | -47.78906 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -48.76141 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -49.4505 | 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 | 251.9348 | KHz | Pass |
| Delta F2 99.9% | 185 |  | 195.4534 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.840916379952 |  | Pass |
| Channel : 39 |  |  |  |  |  |
| Delta F1 Avg | 225 | 275 | 249.7535 | KHz | Pass |
| Delta F2 99.9% | 185 |  | 191.3576 | KHz | Pass |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.868294538415 |  | Pass |
| Channel : 78 |  |  |  |  |  |
| Delta F1 Avg | 225 | 275 | 247.8921 | KHz | Pass |
| Delta F2 99.9% | 185 |  | 182.6665 | KHz | Fail |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.852739558865 |  | 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 | 6.912708 | KHz | Pass |
| Frequency Drift | -50 | 50 | 1.773357 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | 0.2043247 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 | 0.9105206 | KHz | Pass |
| Channel : 19 |  |  |  |  |  |
| Frequency Offset | -150 | 150 | 7.234335 | KHz | Pass |
| Frequency Drift | -50 | 50 | 1.421928 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | -0.1561642 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 | 1.045465 | KHz | Pass |
| Delta F1 Avg | 225 | 275 |  | KHz |  |
| Channel : 39 |  |  | 8.474827 |  | Pass |
| Frequency Offset | -150 | 150 | -0.430584 | KHz | Pass |
| Frequency Drift | -50 | 50 | -0.5085468 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | -0.1554489 | 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 | -99.5 | dBm | Pass |
| Channel: 19 |  | -70 | -99.5 | dBm | Pass |
| Channel: 39 |  | -70 | -100.0 | 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 | -71 | dB | Pass |
| C/I : Adjacent (+1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (+2 MHz) interferenc |  | -17 | -25 | dB | Pass |
| C/I : Adjacent (-2 MHz) interference |  | -9 | -30 | dB | Pass |
| C/I : Adjacent (+3 MHz) interference |  | -27 | -19 | dB | Fail |
| C/I : Adjacent (-3 MHz) interference |  | -15 | -19 | dB | Pass |
| C/I : Adjacent (+4 MHz) interference |  | -27 | -16 | dB | Fail |
| C/I : Adjacent (-4 MHz) interference |  | -27 | -15 | dB | Fail |
| Channel: 19 |  |  |  |  |  |
| C/I : Co-Channel interferenc |  | 21 | -71 | dB | Pass |
| C/I : Adjacent (+1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (+2 MHz) interferenc |  | -17 | -26 | dB | Pass |
| C/I : Adjacent (-2 MHz) interference |  | -9 | -30 | dB | Pass |
| C/I : Adjacent (+3 MHz) interference |  | -27 | -19 | dB | Fail |
| C/I : Adjacent (-3 MHz) interference |  | -15 | -19 | dB | Pass |
| C/I : Adjacent (+4 MHz) interference |  | -27 | -16 | dB | Fail |
| C/I : Adjacent (-4 MHz) interference |  | -27 | -15 | dB | Fail |
| Channel: 37 |  |  |  |  |  |
| C/I : Co-Channel interferenc |  | 21 | -71 | dB | Pass |
| C/I : Adjacent (+1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (-1 MHz) interference |  | 15 |  | dB |  |
| C/I : Adjacent (+2 MHz) interferenc |  | -17 | -26 | dB | Pass |
| C/I : Adjacent (-2 MHz) interference |  | -9 | -29 | dB | Pass |
| C/I : Adjacent (+3 MHz) interference |  | -27 | -19 | dB | Fail |
| C/I : Adjacent (-3 MHz) interference |  | -15 | -19 | dB | Pass |
| C/I : Adjacent (+4 MHz) interference |  | -27 | -16 | dB | Fail |
| C/I : Adjacent (-4 MHz) interference |  | -27 | -16 | dB | Fail |

### 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 | % | Pass |
| PER @ Channel: 19 | 50 | 65.4 | 50.0 | % | Pass |
| PER @ Channel: 39 | 50 | 65.4 | 50.0 | % | Pass |

# 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 | 8.422943 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4287415 | dB | Pass |
| Channel:39 |  |  |  |  |  |
| Average Power | -20 | 20 | 8.027679 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4258423 | dB | Pass |
| Channel:78 |  |  |  |  |  |
| Average Power | -20 | 20 | 8.519135 | dBm | Pass |
| Difference  (PowPeak - PowAvg) |  | 3 | 0.4739075 | dB | Pass |

### 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 | -50.01038 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -20 | -49.67004 | dBm | Pass |
| In - Band Em.:  2403 MHz |  |  | -44.7543 | dBm | Pass |
| In - Band Em.:  2404 MHz |  |  | -35.70172 | dBm | Pass |
| In - Band Em.:  2405 MHz |  |  | -6.579926 | dBm | Pass |
| In - Band Em.:  2406 MHz  (center frequency) |  |  | 3.191742 | dBm | Pass |
| In - Band Em.:  2407 MHz |  |  | -8.561432 | dBm | Pass |
| In - Band Em.:  2408 MHz |  |  | -33.57852 | dBm | Pass |
| In - Band Em.:  2409 MHz |  |  | -45.43088 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -20 | -49.68851 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -20 | -50.0466 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -50.60892 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -50.90048 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -50.87674 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -51.08453 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.31793 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.01572 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -50.98022 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -50.88315 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -50.73129 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.02112 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -51.16571 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -51.16071 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -51.23239 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -51.19873 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -51.12552 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -51.22583 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -51.17334 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -51.4809 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -51.01605 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -51.18924 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -51.04184 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -51.28259 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -51.19638 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -51.33566 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -51.33139 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -30 | -51.04437 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -30 | -51.25961 | dBm | Pass |
| In - Band Em.:  2439 MHz |  | -30 | -51.091 | dBm | Pass |
| In - Band Em.:  2440 MHz |  | -30 | -51.29211 | dBm | Pass |
| In - Band Em.:  2441 MHz |  | -30 | -51.0932 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -30 | -50.90375 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -30 | -51.2092 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -50.80609 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -50.82397 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -51.02167 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -50.82761 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -51.03387 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -50.83047 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -50.9241 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -51.14835 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.79959 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -50.70288 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -48.02621 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -50.7952 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -51.21606 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -51.47726 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -50.94363 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -50.94263 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -50.92252 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -50.80423 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -51.02075 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -50.66605 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -51.16901 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -51.04977 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -50.76434 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -50.9278 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.60013 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -50.31525 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -50.28238 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -50.20377 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -50.33063 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -30 | -50.28976 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -30 | -50.32809 | dBm | Pass |
| In - Band Em.:  2475 MHz |  | -30 | -50.56049 | dBm | Pass |
| In - Band Em.:  2476 MHz |  | -30 | -50.04578 | dBm | Pass |
| In - Band Em.:  2477 MHz |  | -30 | -50.33084 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -30 | -50.51682 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -30 | -49.58139 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -50.8136 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -50.88345 | dBm | Pass |
| Channel:19, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 | -50.85336 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -50.9317 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -30 | -51.18579 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -30 | -51.3945 | dBm | Pass |
| In - Band Em.:  2405 MHz |  | -30 | -51.22119 | dBm | Pass |
| In - Band Em.:  2406 MHz |  | -30 | -51.37604 | dBm | Pass |
| In - Band Em.:  2407 MHz |  | -30 | -51.46524 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -30 | -51.03064 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -30 | -51.26425 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -51.22751 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -51.48047 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -51.23026 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -51.36719 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -51.27979 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -51.21378 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -51.36423 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.43854 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -51.45667 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -51.31131 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -51.03073 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.116 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -51.08643 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -50.87567 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -51.09683 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -51.06509 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -50.96973 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -51.19681 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -50.81519 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -50.78952 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -50.43066 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -50.72653 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -50.58716 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -50.7619 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -50.30438 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -20 | -50.02701 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -20 | -49.50085 | dBm | Pass |
| In - Band Em.:  2437 MHz |  |  | -43.68991 | dBm | Pass |
| In - Band Em.:  2438 MHz |  |  | -34.14151 | dBm | Pass |
| In - Band Em.:  2439 MHz |  |  | -6.895813 | dBm | Pass |
| In - Band Em.:  2440 MHz  (center frequency) |  |  | 2.851074 | dBm | Pass |
| In - Band Em.:  2441 MHz |  |  | -8.907959 | dBm | Pass |
| In - Band Em.:  2442 MHz |  |  | -34.45602 | dBm | Pass |
| In - Band Em.:  2443 MHz |  |  | -45.14954 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -20 | -49.21265 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -20 | -50.07855 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -50.36255 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -50.51187 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -50.8436 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -50.92908 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -50.72021 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -51.26334 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -51.36139 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -50.86304 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -50.73166 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -50.81808 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -50.93576 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -50.84369 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -50.8627 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -51.06073 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -51.07965 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -50.93399 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -50.9906 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -50.9931 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -50.99207 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -50.89331 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -50.92297 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -51.13022 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -51.02533 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -51.06583 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -51.07986 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -30 | -51.06879 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -30 | -50.93814 | dBm | Pass |
| In - Band Em.:  2473 MHz |  | -30 | -51.1973 | dBm | Pass |
| In - Band Em.:  2474 MHz |  | -30 | -51.23221 | dBm | Pass |
| In - Band Em.:  2475 MHz |  | -30 | -50.95172 | dBm | Pass |
| In - Band Em.:  2476 MHz |  | -30 | -50.68204 | dBm | Pass |
| In - Band Em.:  2477 MHz |  | -30 | -50.55899 | dBm | Pass |
| In - Band Em.:  2478 MHz |  | -30 | -50.73993 | dBm | Pass |
| In - Band Em.:  2479 MHz |  | -30 | -51.0752 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -30 | -51.10464 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -30 | -51.00027 | dBm | Pass |
| Channel:37, Exceptions:0 |  |  |  |  |  |
| In - Band Em.:  2401 MHz |  | -30 | -50.96835 | dBm | Pass |
| In - Band Em.:  2402 MHz |  | -30 | -50.91183 | dBm | Pass |
| In - Band Em.:  2403 MHz |  | -30 | -51.14279 | dBm | Pass |
| In - Band Em.:  2404 MHz |  | -30 | -50.5177 | dBm | Pass |
| In - Band Em.:  2405 MHz |  | -30 | -50.98587 | dBm | Pass |
| In - Band Em.:  2406 MHz |  | -30 | -50.54401 | dBm | Pass |
| In - Band Em.:  2407 MHz |  | -30 | -50.18195 | dBm | Pass |
| In - Band Em.:  2408 MHz |  | -30 | -50.96997 | dBm | Pass |
| In - Band Em.:  2409 MHz |  | -30 | -50.70407 | dBm | Pass |
| In - Band Em.:  2410 MHz |  | -30 | -50.55856 | dBm | Pass |
| In - Band Em.:  2411 MHz |  | -30 | -51.05698 | dBm | Pass |
| In - Band Em.:  2412 MHz |  | -30 | -50.94504 | dBm | Pass |
| In - Band Em.:  2413 MHz |  | -30 | -50.67197 | dBm | Pass |
| In - Band Em.:  2414 MHz |  | -30 | -51.3028 | dBm | Pass |
| In - Band Em.:  2415 MHz |  | -30 | -51.14841 | dBm | Pass |
| In - Band Em.:  2416 MHz |  | -30 | -50.97482 | dBm | Pass |
| In - Band Em.:  2417 MHz |  | -30 | -51.36453 | dBm | Pass |
| In - Band Em.:  2418 MHz |  | -30 | -51.05368 | dBm | Pass |
| In - Band Em.:  2419 MHz |  | -30 | -51.33508 | dBm | Pass |
| In - Band Em.:  2420 MHz |  | -30 | -51.16388 | dBm | Pass |
| In - Band Em.:  2421 MHz |  | -30 | -51.25644 | dBm | Pass |
| In - Band Em.:  2422 MHz |  | -30 | -51.18945 | dBm | Pass |
| In - Band Em.:  2423 MHz |  | -30 | -51.07529 | dBm | Pass |
| In - Band Em.:  2424 MHz |  | -30 | -51.62137 | dBm | Pass |
| In - Band Em.:  2425 MHz |  | -30 | -51.06033 | dBm | Pass |
| In - Band Em.:  2426 MHz |  | -30 | -50.83548 | dBm | Pass |
| In - Band Em.:  2427 MHz |  | -30 | -50.64871 | dBm | Pass |
| In - Band Em.:  2428 MHz |  | -30 | -47.8208 | dBm | Pass |
| In - Band Em.:  2429 MHz |  | -30 | -50.45407 | dBm | Pass |
| In - Band Em.:  2430 MHz |  | -30 | -51.21979 | dBm | Pass |
| In - Band Em.:  2431 MHz |  | -30 | -51.11285 | dBm | Pass |
| In - Band Em.:  2432 MHz |  | -30 | -51.39487 | dBm | Pass |
| In - Band Em.:  2433 MHz |  | -30 | -50.90851 | dBm | Pass |
| In - Band Em.:  2434 MHz |  | -30 | -51.12949 | dBm | Pass |
| In - Band Em.:  2435 MHz |  | -30 | -51.22623 | dBm | Pass |
| In - Band Em.:  2436 MHz |  | -30 | -51.09274 | dBm | Pass |
| In - Band Em.:  2437 MHz |  | -30 | -51.07178 | dBm | Pass |
| In - Band Em.:  2438 MHz |  | -30 | -51.06693 | dBm | Pass |
| In - Band Em.:  2439 MHz |  | -30 | -51.11557 | dBm | Pass |
| In - Band Em.:  2440 MHz |  | -30 | -50.91486 | dBm | Pass |
| In - Band Em.:  2441 MHz |  | -30 | -51.25565 | dBm | Pass |
| In - Band Em.:  2442 MHz |  | -30 | -51.19534 | dBm | Pass |
| In - Band Em.:  2443 MHz |  | -30 | -51.00034 | dBm | Pass |
| In - Band Em.:  2444 MHz |  | -30 | -50.98419 | dBm | Pass |
| In - Band Em.:  2445 MHz |  | -30 | -51.10812 | dBm | Pass |
| In - Band Em.:  2446 MHz |  | -30 | -50.94513 | dBm | Pass |
| In - Band Em.:  2447 MHz |  | -30 | -51.17599 | dBm | Pass |
| In - Band Em.:  2448 MHz |  | -30 | -51.13068 | dBm | Pass |
| In - Band Em.:  2449 MHz |  | -30 | -51.10641 | dBm | Pass |
| In - Band Em.:  2450 MHz |  | -30 | -51.20886 | dBm | Pass |
| In - Band Em.:  2451 MHz |  | -30 | -50.55426 | dBm | Pass |
| In - Band Em.:  2452 MHz |  | -30 | -50.63028 | dBm | Pass |
| In - Band Em.:  2453 MHz |  | -30 | -50.70148 | dBm | Pass |
| In - Band Em.:  2454 MHz |  | -30 | -50.83878 | dBm | Pass |
| In - Band Em.:  2455 MHz |  | -30 | -50.77954 | dBm | Pass |
| In - Band Em.:  2456 MHz |  | -30 | -50.95767 | dBm | Pass |
| In - Band Em.:  2457 MHz |  | -30 | -50.80768 | dBm | Pass |
| In - Band Em.:  2458 MHz |  | -30 | -50.92862 | dBm | Pass |
| In - Band Em.:  2459 MHz |  | -30 | -51.06198 | dBm | Pass |
| In - Band Em.:  2460 MHz |  | -30 | -51.07065 | dBm | Pass |
| In - Band Em.:  2461 MHz |  | -30 | -51.06897 | dBm | Pass |
| In - Band Em.:  2462 MHz |  | -30 | -50.99136 | dBm | Pass |
| In - Band Em.:  2463 MHz |  | -30 | -50.83105 | dBm | Pass |
| In - Band Em.:  2464 MHz |  | -30 | -50.21359 | dBm | Pass |
| In - Band Em.:  2465 MHz |  | -30 | -50.50293 | dBm | Pass |
| In - Band Em.:  2466 MHz |  | -30 | -50.48029 | dBm | Pass |
| In - Band Em.:  2467 MHz |  | -30 | -50.69214 | dBm | Pass |
| In - Band Em.:  2468 MHz |  | -30 | -50.53156 | dBm | Pass |
| In - Band Em.:  2469 MHz |  | -30 | -50.21143 | dBm | Pass |
| In - Band Em.:  2470 MHz |  | -30 | -50.09146 | dBm | Pass |
| In - Band Em.:  2471 MHz |  | -20 | -49.69519 | dBm | Pass |
| In - Band Em.:  2472 MHz |  | -20 | -49.10037 | dBm | Pass |
| In - Band Em.:  2473 MHz |  |  | -43.19165 | dBm | Pass |
| In - Band Em.:  2474 MHz |  |  | -32.80396 | dBm | Pass |
| In - Band Em.:  2475 MHz |  |  | -6.261749 | dBm | Pass |
| In - Band Em.:  2476 MHz  (center frequency) |  |  | 3.505829 | dBm | Pass |
| In - Band Em.:  2477 MHz |  |  | -8.276581 | dBm | Pass |
| In - Band Em.:  2478 MHz |  |  | -33.63901 | dBm | Pass |
| In - Band Em.:  2479 MHz |  |  | -44.82233 | dBm | Pass |
| In - Band Em.:  2480 MHz |  | -20 | -48.98013 | dBm | Pass |
| In - Band Em.:  2481 MHz |  | -20 | -49.72543 | dBm | Pass |

### 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 | 499.1565 | KHz | Pass |
| Delta F2 99.9% | 370 |  | 329.7696 | KHz | Fail |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.708906124632 |  | Fail |
| Channel : 39 |  |  |  |  |  |
| Delta F1 Avg | 450 | 550 | 498.9414 | KHz | Pass |
| Delta F2 99.9% | 370 |  | 329.7696 | KHz | Fail |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.728351666148 |  | Fail |
| Channel : 78 |  |  |  |  |  |
| Delta F1 Avg | 450 | 550 | 497.1771 | KHz | Pass |
| Delta F2 99.9% | 370 |  | 309.1908 | KHz | Fail |
| Delta F2 Avg / Delta F1 Avg | 0.8 |  | 0.720527152196 |  | Fail |

### 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 | 6.167889 | KHz | Pass |
| Frequency Drift | -50 | 50 | 1.968384 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | -0.2884865 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 | 1.233101 | KHz | Pass |
| Channel : 19 |  |  |  |  |  |
| Frequency Offset | -150 | 150 | 5.978584 | KHz | Pass |
| Frequency Drift | -50 | 50 | 2.392292 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | 0.1449585 | KHz | Pass |
| Initial Frequency Drift | -20 | 20 | 1.705647 | KHz | Pass |
| Delta F1 Avg | 225 | 275 |  | KHz |  |
| Channel : 39 |  |  | 7.959843 |  | Pass |
| Frequency Offset | -150 | 150 | -0.4835129 | KHz | Pass |
| Frequency Drift | -50 | 50 | -0.4496574 | KHz | Pass |
| Max. Drift Rate (Khz / 50 us) | -20 | 20 | -0.1149178 | KHz | Pass |
| 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 | -97.0 | dBm | Pass |
| Channel: 19 |  | -70 | -96.0 | dBm | Pass |
| Channel: 39 |  | -70 | -97.0 | dBm | Pass |

### 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 | 50.0 | % | Pass |
| PER @ Channel: 19 | 50 | 65.4 | 50.0 | % | Pass |
| PER @ Channel: 39 | 50 | 65.4 | 50.0 | % | Pass |