# FCC RADIO TEST REPORT

| | | |
|---|---|---|
| **FCC ID** | : | **PKRISGM3000A** |
| **Equipment** | : | **M3000A** |
| **Brand Name** | : | **Inseego** |
| **Model Name** | : | **M3000A** |
| **Marketing Name** | : | **M3000** |
| **Applicant** | : | **Inseego Corp.**<br>**9710 Scranton Road Suite 200, San Diego, CA 92121** |
| **Manufacturer** | : | **Inseego Corp.**<br>**9710 Scranton Road Suite 200, San Diego, CA 92121** |
| **Standard** | : | **FCC 47 CFR Part 2, 22(H), 24(E), 27** |

**The product was received on Mar. 29, 2022 and testing was performed from Apr. 20, 2022 to Jun. 30, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.**

**The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.**

Louis Wu

**Approved by: Louis Wu**

***Sporton International Inc. EMC & Wireless Communications Laboratory***
*No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)*

# Table of Contents

# History of this test report

| Report No. | Version | Description | Issued Date |
|---|---|---|---|
| FG1D2414B | 01 | Initial issue of report | Jun. 15, 2022 |
| FG1D2414B | 02 | 1. Revise LTE CA Band power<br>2. Remove LTE Band 41C information | Jul. 04, 2022 |
| FG1D2414B | 03 | Revise Product Feature of Equipment Under Test | Jul. 08, 2022 |
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# Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|---|---|---|---|---|
| 3.2 | §2.1046 | Conducted Output Power | Reporting only | - |
| | §22.913 (a)(5) | Effective Radiated Power (Band 5) (Band 26) | Pass | |
| | §27.50 (b)(10) §27.50 (c)(10) | Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71) | | |
| | §24.232 (c) §27.50 (h)(2) | Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41) | | |
| | §27.50 (d)(4) | Equivalent Isotropic Radiated Power (Band 4) (Band 66) | | |
| 3.3 | §24.232 (d) §27.50 (d)(5) | Peak-to-Average Ratio | Pass | - |
| 3.4 | §2.1049 | Occupied Bandwidth | Reporting only | - |
| 3.5 | §2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h) | Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71) | Pass | - |
| | §2.1051 §27.53 (m)(4) | Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41) | | |
| 3.6 | §2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) | Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71) | Pass | - |
| | §2.1051 §27.53 (m)(4) | Conducted Spurious Emission (Band 7) (Band 38) (Band 41) | | |
| 3.7 | §2.1055 §22.355 §24.235 §27.54 | Frequency Stability Temperature & Voltage | Pass | - |

| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|---|---|---|---|---|
| 4.2 | §2.1053<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)<br>§27.53 (f)<br>§27.53 (g)<br>§27.53 (h) | Radiated Spurious Emission<br>(Band 2) (Band 4) (Band 5)<br>(Band 12) (Band 13) (Band 17)<br>(Band 25) (Band 26) (Band 66)<br>(Band 71) | Pass | Under limit<br>21.62 dB at<br>1564.000 MHz |
| | §2.1051<br>§27.53 (m)(4) | Radiated Spurious Emission<br>(Band 7) (Band 38) (Band 41) | | |

| **Declaration of Conformity:** |
|---|
| 1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.<br>It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.<br>2. The measurement uncertainty please refer to this report "Uncertainty of Evaluation". |
| **Comments and Explanations:** |
| The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity. |

**Reviewed by: William Chen**

**Report Producer: Vivian Hsu**

# 1 General Description

## 1.1 Product Feature of Equipment Under Test

3G-WCDMA, 4G-LTE, 5G-FR1 & FR2, Wi-Fi 2.4GHz 802.11b/g/n/ax, Wi-Fi 5GHz 802.11a/n/ac/ax and GNSS.

| Product Feature | |
|---|---|
| **Test Antenna Type** | WWAN: Fixed Internal Antenna |
| **Test Antenna Gain** | **<Ant. 0>:**<br>LTE Band 2: 1.6 dBi<br>LTE Band 4: 1.9 dBi<br>LTE Band 5: 0.8 dBi<br>LTE Band 7: 0.6 dBi<br>LTE Band 12: -0.1 dBi<br>LTE Band 13: -0.1 dBi<br>LTE Band 17: 0.1 dBi<br>LTE Band 25: 1.6 dBi<br>LTE Band 26: 0.8 dBi<br>LTE Band 38: 0.4 dBi<br>LTE Band 41: 1.5 dBi<br>LTE Band 66: 1.8 dBi<br>LTE Band 71: 1.0 dBi<br>**<Ant. 1>:**<br>LTE Band 5: 0.1 dBi<br>**<Ant. 8>:**<br>LTE Band 2: 1.8 dBi<br>LTE Band 4: -0.3 dBi<br>LTE Band 66: 1.1 dBi |

**Remark:** The EUT's information above is declared by manufacturer. Please refer to Comments and Explanations in report summary.

## 1.2 Modification of EUT

No modifications are made to the EUT during all test items.

## 1.3 Testing Location

| Test Site | Sporton International Inc. EMC & Wireless Communications Laboratory | |
|---|---|---|
| Test Site Location | No.52, Huaya 1st Rd., Guishan Dist.,<br>Taoyuan City 333, Taiwan (R.O.C.)<br>TEL: +886-3-327-3456<br>FAX: +886-3-328-4978 | |
| Test Site No. | Sporton Site No. | |
| | TH03-HY | 03CH07-HY |
| Test Engineer | Jacky Wang | Jesse Wang, Stan Hsieh and Ken Wu |
| Temperature (℃) | 23.2~25.8 | 22.9~26.6 |
| Relative Humidity (%) | 55.6~58.2 | 56.3~61.5 |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190

## 1.4 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ANSI C63.26-2015
- ANSI / TIA-603-E
- FCC 47 CFR Part 2, 22(H), 24(E), 27
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01.

**Remark:**

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

# 2 Test Configuration of Equipment Under Test

## 2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find X Plane with Adapter for LTE Band 2, 7, 25, 26, 41 (HPUE), 66B, 66C, 71, LTE CA Band 5A+66A, 2A+4A, 2A+5A, 2A+13A, 2A+66A, 4A+5A, 4A+13A, 13A+66A; Z Plane with Adapter for LTE Band 5B, 12, 13, 66 as worst plane.

| Test Items | Band | Bandwidth (MHz) | | | | | | Modulation | | | | RB # | | | Test Channel | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.4 | 3 | 5 | 10 | 15 | 20 | QPSK | 16QAM | 64QAM | 256QAM | 1 | Half | Full | L | M | H |
| Max. Output Power | 2 | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| | 4 | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| | 5 | v | v | v | v | - | - | v | v | v | v | v | v | v | v | v | v |
| | 7 | - | - | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| | 12 | v | v | v | v | - | - | v | v | v | v | v | v | v | v | v | v |
| | 13 | - | - | v | v | - | - | v | v | v | v | v | v | v | v | v | v |
| | 17 | - | - | v | v | - | - | v | v | v | v | v | v | v | v | v | v |
| | 25 | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| | 26 | v | v | v | v | v | - | v | v | v | v | v | v | v | v | v | v |
| | 38 | - | - | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| | 41 | - | - | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| | 66 | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| | 71 | - | - | v | v | v | v | v | v | v | v | v | v | v | v | v | v |

| Test Items | Band | Bandwidth (MHz) | | | | | | Modulation | | | | RB # | | | Test Channel | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.4 | 3 | 5 | 10 | 15 | 20 | QPSK | 16QAM | 64QAM | 256QAM | 1 | Half | Full | L | M | H |
| Peak-to-Average Ratio | 2 | Covered by Band 25 | | | | | | | | | | | | | | | |
| | 4 | Covered by Band 66 | | | | | | | | | | | | | | | |
| | 5 | Covered by Band 26 | | | | | | | | | | | | | | | |
| | 7 | - | - | | | | v | v | v | v | v | | | v | | v | |
| | 12 | | | | v | - | - | v | v | v | v | | | v | | v | |
| | 13 | - | - | | v | - | - | v | v | v | v | | | v | | v | |
| | 17 | Covered by Band 12 | | | | | | | | | | | | | | | |
| | 25 | | | | | | v | v | v | v | v | | | v | | v | |
| | 26 | | | | | v | - | v | v | v | v | | | v | | v | |
| | 38 | Covered by Band 41_HPUE | | | | | | | | | | | | | | | |
| | 41 | - | - | | | | v | v | v | v | v | | | v | | v | |
| | 66 | | | | | | v | v | v | v | v | | | v | | v | |
| | 71 | - | - | | | | v | v | v | v | v | | | v | | v | |
| 26dB and 99% Bandwidth | 2 | Covered by Band 25 | | | | | | | | | | | | | | | |
| | 4 | Covered by Band 66 | | | | | | | | | | | | | | | |
| | 5 | Covered by Band 26 | | | | | | | | | | | | | | | |
| | 7 | - | - | v | v | v | v | v | v | v | v | | | v | | v | |
| | 12 | v | v | v | v | - | - | v | v | v | v | | | v | | v | |
| | 13 | - | - | v | v | - | - | v | v | v | v | | | v | | v | |
| | 17 | Covered by Band 12 | | | | | | | | | | | | | | | |
| | 25 | v | v | v | v | v | v | v | v | v | v | | | v | | v | |
| | 26 | v | v | v | v | v | - | v | v | v | v | | | v | | v | |
| | 38 | Covered by Band 41_HPUE | | | | | | | | | | | | | | | |
| | 41 | - | - | v | v | v | v | v | v | v | v | | | v | | v | |
| | 66 | v | v | v | v | v | v | v | v | v | v | | | v | | v | |
| | 71 | - | - | v | v | v | v | v | v | v | v | | | v | | v | |

| Test Items | Band | Bandwidth (MHz) | | | | | | Modulation | | | | RB # | | | Test Channel | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.4 | 3 | 5 | 10 | 15 | 20 | QPSK | 16QAM | 64QAM | 256QAM | 1 | Half | Full | L | M | H |
| Conducted Band Edge | 2 | Covered by Band 25 | | | | | | | | | | | | | | | |
| | 4 | Covered by Band 66 | | | | | | | | | | | | | | | |
| | 5 | Covered by Band 26 | | | | | | | | | | | | | | | |
| | 7 | - | - | v | v | v | v | v | v | v | v | v | | v | v | | v |
| | 12 | v | v | v | v | - | - | v | v | v | v | v | | v | v | | v |
| | 13 | - | - | v | v | - | - | v | v | v | v | v | | v | v | | v |
| | 17 | Covered by Band 12 | | | | | | | | | | | | | | | |
| | 25 | v | v | v | v | v | v | v | v | v | v | v | | v | v | | v |
| | 26 | v | v | v | v | v | - | v | v | v | v | v | | v | v | | v |
| | 38 | Covered by Band 41_HPUE | | | | | | | | | | | | | | | |
| | 41 | - | - | v | v | v | v | v | v | v | v | v | | v | v | | v |
| | 66 | v | v | v | v | v | v | v | v | v | v | v | | v | v | | v |
| | 71 | - | - | v | v | v | v | v | v | v | v | v | | v | v | | v |
| Conducted Spurious Emission | 2 | Covered by Band 25 | | | | | | | | | | | | | | | |
| | 4 | Covered by Band 66 | | | | | | | | | | | | | | | |
| | 5 | Covered by Band 26 | | | | | | | | | | | | | | | |
| | 7 | - | - | v | v | v | v | v | | | | v | | | v | v | v |
| | 12 | v | v | v | v | - | - | v | | | | v | | | v | v | v |
| | 13 | - | - | v | v | - | - | v | | | | v | | | v | v | v |
| | 17 | Covered by Band 12 | | | | | | | | | | | | | | | |
| | 25 | v | v | v | v | v | v | v | | | | v | | | v | v | v |
| | 26 | v | v | v | v | v | - | v | | | | v | | | v | v | v |
| | 38 | Covered by Band 41_HPUE | | | | | | | | | | | | | | | |
| | 41 | - | - | v | v | v | v | v | | | | v | | | v | v | v |
| | 66 | v | v | v | v | v | v | v | | | | v | | | v | v | v |
| | 71 | - | - | v | v | v | v | v | | | | v | | | v | v | v |

| Test Items | Band | Bandwidth (MHz) | | | | | | Modulation | | | | RB # | | | Test Channel | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.4 | 3 | 5 | 10 | 15 | 20 | QPSK | 16QAM | 64QAM | 256QAM | 1 | Half | Full | L | M | H |
| Frequency Stability | 2 | Covered by Band 25 | | | | | | | | | | | | | | | |
| | 4 | Covered by Band 66 | | | | | | | | | | | | | | | |
| | 5 | Covered by Band 26 | | | | | | | | | | | | | | | |
| | 7 | - | - | | v | | | v | | | | | | v | | v | |
| | 12 | | | | v | - | - | v | | | | | | v | | v | |
| | 13 | - | - | | v | - | - | v | | | | | | v | | v | |
| | 17 | Covered by Band 12 | | | | | | | | | | | | | | | |
| | 25 | | | | v | | | v | | | | | | v | | v | |
| | 26 | | | | v | | - | v | | | | | | v | | v | |
| | 38 | Covered by Band 41_HPUE | | | | | | | | | | | | | | | |
| | 41 | - | - | | v | | | v | | | | | | v | | v | |
| | 66 | | | | v | | | v | | | | | | v | | v | |
| | 71 | - | - | | v | | | v | | | | | | v | | v | |
| E.R.P / E.I.R.P | 2 | v | v | v | v | v | v | v | v | v | v | Max. Power | | | | | |
| | 4 | v | v | v | v | v | v | v | v | v | v | | | | | | |
| | 5 | v | v | v | v | - | - | v | v | v | v | | | | | | |
| | 7 | - | - | v | v | v | v | v | v | v | v | | | | | | |
| | 12 | v | v | v | v | - | - | v | v | v | v | | | | | | |
| | 13 | - | - | v | v | - | - | v | v | v | v | | | | | | |
| | 17 | - | - | v | v | - | - | v | v | v | v | | | | | | |
| | 25 | v | v | v | v | v | v | v | v | v | v | | | | | | |
| | 26 | v | v | v | v | v | - | v | v | v | v | | | | | | |
| | 38 | - | - | v | v | v | v | v | v | v | v | | | | | | |
| | 41 | - | - | v | v | v | v | v | v | v | v | | | | | | |
| | 66 | v | v | v | v | v | v | v | v | v | v | | | | | | |
| | 71 | - | - | v | v | v | v | v | v | v | v | | | | | | |

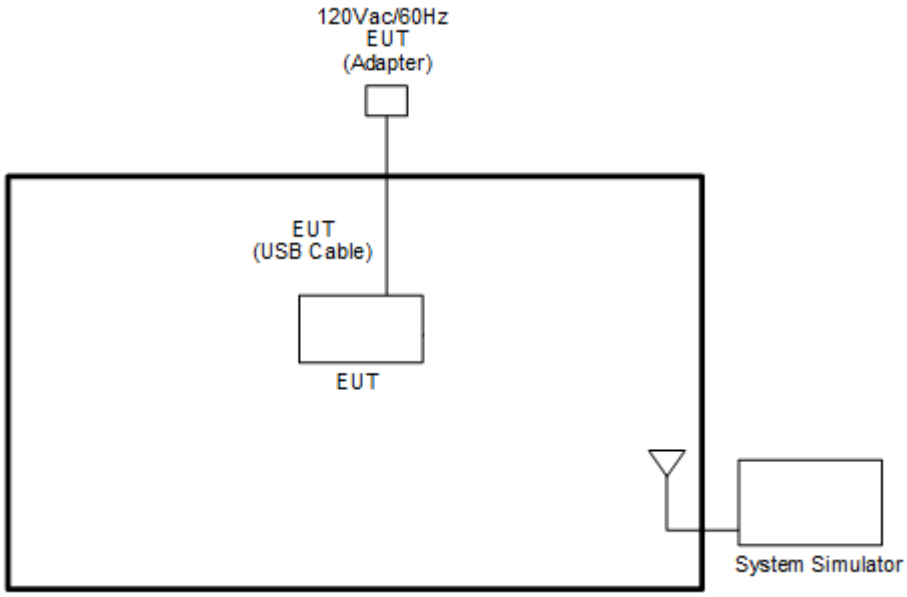
| Test Items | Band | Bandwidth (MHz) | | | | | | Modulation | | | | RB # | | | Test Channel | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.4 | 3 | 5 | 10 | 15 | 20 | QPSK | 16QAM | 64QAM | 256QAM | 1 | Half | Full | L | M | H |
| Radiated Spurious Emission | 2 | Worst Case | | | | | | | | | | | | | v | v | v |
| | 4 | Covered by Band 66 | | | | | | | | | | | | | | | |
| | 5 | Covered by Band 26 | | | | | | | | | | | | | | | |
| | 7 | Worst Case | | | | | | | | | | | | | v | v | v |
| | 12 | Worst Case | | | | | | | | | | | | | v | v | v |
| | 13 | Worst Case | | | | | | | | | | | | | v | v | v |
| | 17 | Covered by Band 12 | | | | | | | | | | | | | | | |
| | 25 | Worst Case | | | | | | | | | | | | | v | v | v |
| | 26 | Worst Case | | | | | | | | | | | | | v | v | v |
| | 38 | Covered by Band 41_HPUE | | | | | | | | | | | | | | | |
| | 41 | Worst Case | | | | | | | | | | | | | v | v | v |
| | 66 | Worst Case | | | | | | | | | | | | | v | v | v |
| | 71 | Worst Case | | | | | | | | | | | | | v | v | v |
| Remark | 1. The mark "**v** " means that this configuration is chosen for testing<br>2. The mark "-" means that this bandwidth is not supported.<br>3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.<br>4. Wider operating range bandwidth covers narrower one when the power is higher or the same.<br>5. Test combination is LTE CA Band 5A+66A, 2A+4A, 2A+5A, 2A+13A, 2A+66A, 4A+5A, 4A+13A, 13A+66A.<br>6. One representative bandwidth is selected to perform PAR and frequency stability. | | | | | | | | | | | | | | | |

| Test Items | Band | Bandwidth (MHz) | | | | | Modulation | | | | RB # | | | Test Channel | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 3+5 | 5+3 | 5+10 | 10+5 | 10+10 | QPSK | 16QAM | 64QAM | 256QAM | 1 | Half | Full | L | M | H |
| Max. Output Power | 5_CA | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| 26dB and 99% Bandwidth | 5_CA | v | v | v | v | v | v | v | v | v | | | v | | v | |
| Conducted Band Edge | 5_CA | v | v | v | v | v | v | v | v | v | v | | v | v | | v |
| Conducted Spurious Emission | 5_CA | v | v | v | v | v | v | | | | v | | | v | v | v |
| E.R.P. | 5_CA | v | v | v | v | v | v | v | v | v | Max. Power | | | | | |
| Radiated Spurious Emission | 5_CA | Worst Case | | | | | | | | | | | | v | v | v |
| Remark | 1. The mark "**v** " means that this configuration is chosen for testing<br>2. The mark "-" means that this bandwidth is not supported.<br>3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. | | | | | | | | | | | | | | | |

| Test Items | Band | Bandwidth (MHz) | | | | | | Modulation | | | | RB # | | | Test Channel | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5+5 | 5+10 | 5+15 | 10+5 | 10+10 | 15+5 | QPSK | 16QAM | 64QAM | 256QAM | 1 | Half | Full | L | M | H |
| Max. Output Power | 66B_CA | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| 26dB and 99% Bandwidth | 66B_CA | v | v | v | v | v | v | v | v | v | v | | | v | | v | |
| Conducted Band Edge | 66B_CA | v | v | v | v | v | v | v | v | v | v | v | | v | v | | v |
| Conducted Spurious Emission | 66B_CA | v | v | v | v | v | v | v | | | | v | | | v | v | v |
| E.I.R.P. | 66B_CA | v | v | v | v | v | v | v | v | v | | Max. Power | | | | | |
| Radiated Spurious Emission | 66B_CA | Worst Case | | | | | | | | | | | | | v | v | v |
| Remark | 1. The mark "**v** " means that this configuration is chosen for testing<br>2. The mark "-" means that this bandwidth is not supported.<br>3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. | | | | | | | | | | | | | | | | |

| Test Items | Band | Bandwidth (MHz) | | | | | | | | | | Modulation | | | | RB # | | | Test Channel | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5+20 | 10+15 | 10+20 | 15+10 | 15+15 | 15+20 | 20+5 | 20+10 | 20+15 | 20+20 | QPSK | 16QAM | 64QAM | 256QAM | 1 | Half | Full | L | M | H |
| Max. Output Power | 66C_CA | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| 26dB and 99% Bandwidth | 66C_CA | v | v | v | v | v | v | v | v | v | v | v | v | v | v | | | v | | v | |
| Conducted Band Edge | 66C_CA | v | v | v | v | v | v | v | v | v | v | v | v | v | v | v | | v | v | | v |
| Conducted Spurious Emission | 66C_CA | v | v | v | v | v | v | v | v | v | v | v | | | | v | | | v | v | v |
| E.I.R.P. | 66C_CA | v | v | v | v | v | v | v | v | v | v | v | v | v | v | Max. Power | | | | | |
| Radiated Spurious Emission | 66C_CA | Worst Case | | | | | | | | | | | | | | | | | v | v | v |
| Remark | 1. The mark "**v** " means that this configuration is chosen for testing<br>2. The mark "-" means that this bandwidth is not supported.<br>3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. | | | | | | | | | | | | | | | | | | | | |

## 2.2 Connection Diagram of Test System



## 2.3 Support Unit used in test configuration and system

| Item | Equipment | Brand Name | Model No. | FCC ID | Data Cable | Power Cord |
|---|---|---|---|---|---|---|
| 1. | System Simulator | Anritsu | MT8821C | N/A | N/A | Unshielded, 1.8 m |

## 2.4 Measurement Results Explanation Example

**For all conducted test items:**

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

*Offset = RF cable loss + attenuator factor.*

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

*Offset(dB) = RF cable loss(dB) + attenuator factor(dB).*

= 4.2 + 10 = 14.2 (dB)

## 2.5 Frequency List of Low/Middle/High Channels

| LTE Band 2 Channel and Frequency List | | | | |
|---|---|---|---|---|
| **BW [MHz]** | **Channel/Frequency(MHz)** | **Lowest** | **Middle** | **Highest** |
| 20 | Channel | 18700 | 18900 | 19100 |
| | Frequency | 1860 | 1880 | 1900 |
| 15 | Channel | 18675 | 18900 | 19125 |
| | Frequency | 1857.5 | 1880 | 1902.5 |
| 10 | Channel | 18650 | 18900 | 19150 |
| | Frequency | 1855 | 1880 | 1905 |
| 5 | Channel | 18625 | 18900 | 19175 |
| | Frequency | 1852.5 | 1880 | 1907.5 |
| 3 | Channel | 18615 | 18900 | 19185 |
| | Frequency | 1851.5 | 1880 | 1908.5 |
| 1.4 | Channel | 18607 | 18900 | 19193 |
| | Frequency | 1850.7 | 1880 | 1909.3 |

| LTE Band 4 Channel and Frequency List | | | | |
|---|---|---|---|---|
| **BW [MHz]** | **Channel/Frequency(MHz)** | **Lowest** | **Middle** | **Highest** |
| 20 | Channel | 20050 | 20175 | 20300 |
| | Frequency | 1720 | 1732.5 | 1745 |
| 15 | Channel | 20025 | 20175 | 20325 |
| | Frequency | 1717.5 | 1732.5 | 1747.5 |
| 10 | Channel | 20000 | 20175 | 20350 |
| | Frequency | 1715 | 1732.5 | 1750 |
| 5 | Channel | 19975 | 20175 | 20375 |
| | Frequency | 1712.5 | 1732.5 | 1752.5 |
| 3 | Channel | 19965 | 20175 | 20385 |
| | Frequency | 1711.5 | 1732.5 | 1753.5 |
| 1.4 | Channel | 19957 | 20175 | 20393 |
| | Frequency | 1710.7 | 1732.5 | 1754.3 |

| LTE Band 5 Channel and Frequency List | | | | |
|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10 | Channel | 20450 | 20525 | 20600 |
| | Frequency | 829 | 836.5 | 844 |
| 5 | Channel | 20425 | 20525 | 20625 |
| | Frequency | 826.5 | 836.5 | 846.5 |
| 3 | Channel | 20415 | 20525 | 20635 |
| | Frequency | 825.5 | 836.5 | 847.5 |
| 1.4 | Channel | 20407 | 20525 | 20643 |
| | Frequency | 824.7 | 836.5 | 848.3 |

| LTE Band 7 Channel and Frequency List | | | | |
|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20 | Channel | 20850 | 21100 | 21350 |
| | Frequency | 2510 | 2535 | 2560 |
| 15 | Channel | 20825 | 21100 | 21375 |
| | Frequency | 2507.5 | 2535 | 2562.5 |
| 10 | Channel | 20800 | 21100 | 21400 |
| | Frequency | 2505 | 2535 | 2565 |
| 5 | Channel | 20775 | 21100 | 21425 |
| | Frequency | 2502.5 | 2535 | 2567.5 |

| LTE Band 12 Channel and Frequency List | | | | |
|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10 | Channel | 23060 | 23095 | 23130 |
| | Frequency | 704 | 707.5 | 711 |
| 5 | Channel | 23035 | 23095 | 23155 |
| | Frequency | 701.5 | 707.5 | 713.5 |
| 3 | Channel | 23025 | 23095 | 23165 |
| | Frequency | 700.5 | 707.5 | 714.5 |
| 1.4 | Channel | 23017 | 23095 | 23173 |
| | Frequency | 699.7 | 707.5 | 715.3 |

| LTE Band 13 Channel and Frequency List | | | | |
|---|---|---|---|---|
| **BW [MHz]** | **Channel/Frequency(MHz)** | **Lowest** | **Middle** | **Highest** |
| 10 | Channel | - | 23230 | - |
| | Frequency | - | 782 | - |
| 5 | Channel | 23205 | 23230 | 23255 |
| | Frequency | 779.5 | 782 | 784.5 |

| LTE Band 17 Channel and Frequency List | | | | |
|---|---|---|---|---|
| **BW [MHz]** | **Channel/Frequency(MHz)** | **Lowest** | **Middle** | **Highest** |
| 10 | Channel | 23780 | 23790 | 23800 |
| | Frequency | 709 | 710 | 711 |
| 5 | Channel | 23755 | 23790 | 23825 |
| | Frequency | 706.5 | 710 | 713.5 |

| LTE Band 25 Channel and Frequency List | | | | |
|---|---|---|---|---|
| **BW [MHz]** | **Channel/Frequency(MHz)** | **Lowest** | **Middle** | **Highest** |
| 20 | Channel | 26140 | 26340 | 26590 |
| | Frequency | 1860 | 1880 | 1905 |
| 15 | Channel | 26115 | 26340 | 26615 |
| | Frequency | 1857.5 | 1880 | 1907.5 |
| 10 | Channel | 26090 | 26340 | 26640 |
| | Frequency | 1855 | 1880 | 1910 |
| 5 | Channel | 26065 | 26340 | 26665 |
| | Frequency | 1852.5 | 1880 | 1912.5 |
| 3 | Channel | 26055 | 26340 | 26675 |
| | Frequency | 1851.5 | 1880 | 1913.5 |
| 1.4 | Channel | 26047 | 26340 | 26683 |
| | Frequency | 1850.7 | 1880 | 1914.3 |

| LTE Band 26 Channel and Frequency List | | | | |
|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 15 | Channel | 26865 | 26915 | 26965 |
| | Frequency | 831.5 | 836.5 | 841.5 |
| 10 | Channel | 26840 | 26915 | 26990 |
| | Frequency | 829.0 | 836.5 | 844.0 |
| 5 | Channel | 26815 | 26915 | 27015 |
| | Frequency | 826.5 | 836.5 | 846.5 |
| 3 | Channel | 26805 | 26915 | 27025 |
| | Frequency | 825.5 | 836.5 | 847.5 |
| 1.4 | Channel | 26797 | 26915 | 27033 |
| | Frequency | 824.7 | 836.5 | 848.3 |

| LTE Band 38 Channel and Frequency List | | | | |
|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20 | Channel | 37850 | 38000 | 38150 |
| | Frequency | 2580.0 | 2595.0 | 2610.0 |
| 15 | Channel | 37825 | 38000 | 38175 |
| | Frequency | 2577.5 | 2595.0 | 2612.5 |
| 10 | Channel | 37800 | 38000 | 38200 |
| | Frequency | 2575.0 | 2595.0 | 2615.0 |
| 5 | Channel | 37775 | 38000 | 38225 |
| | Frequency | 2572.5 | 2595.0 | 2617.5 |

| LTE Band 41 Channel and Frequency List | | | | |
|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20 | Channel | 39750 | 40620 | 41490 |
| | Frequency | 2506.0 | 2593.0 | 2680.0 |
| 15 | Channel | 39725 | 40620 | 41515 |
| | Frequency | 2503.5 | 2593.0 | 2682.5 |
| 10 | Channel | 39700 | 40620 | 41540 |
| | Frequency | 2501.0 | 2593.0 | 2685.0 |
| 5 | Channel | 39675 | 40620 | 41565 |
| | Frequency | 2498.5 | 2593.0 | 2687.5 |

| LTE Band 66 Channel and Frequency List | | | | |
|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20 | Channel | 132072 | 132322 | 132572 |
| | Frequency | 1720 | 1745 | 1770 |
| 15 | Channel | 132047 | 132322 | 132597 |
| | Frequency | 1717.5 | 1745 | 1772.5 |
| 10 | Channel | 132022 | 132322 | 132622 |
| | Frequency | 1715 | 1745 | 1775 |
| 5 | Channel | 131997 | 132322 | 132647 |
| | Frequency | 1712.5 | 1745 | 1777.5 |
| 3 | Channel | 131987 | 132322 | 132657 |
| | Frequency | 1711.5 | 1745 | 1778.5 |
| 1.4 | Channel | 131979 | 132322 | 132665 |
| | Frequency | 1710.7 | 1745 | 1779.3 |

| LTE Band 71 Channel and Frequency List | | | | |
|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20 | Channel | 133222 | 133297 | 133372 |
| | Frequency | 673.0 | 680.5 | 688.0 |
| 15 | Channel | 133197 | 133297 | 133397 |
| | Frequency | 670.5 | 680.5 | 690.5 |
| 10 | Channel | 133172 | 133297 | 133422 |
| | Frequency | 668.0 | 680.5 | 693.0 |
| 5 | Channel | 133147 | 133297 | 133447 |
| | Frequency | 665.5 | 680.5 | 695.5 |

| LTE Band 5B Channel and Frequency List_CA | | | | | |
|---|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | | Lowest | Middle | Highest |
| 3 + 5 | PCC | Channel | 20416 | 20501 | 20586 |
| | | Frequency | 825.6 | 834.1 | 842.6 |
| | SCC | Channel | 20455 | 20540 | 20575 |
| | | Frequency | 829.5 | 838.0 | 841.5 |
| 5 + 3 | PCC | Channel | 20425 | 20510 | 20595 |
| | | Frequency | 826.5 | 835.0 | 843.5 |
| | SCC | Channel | 20464 | 20549 | 20634 |
| | | Frequency | 830.4 | 838.9 | 847.4 |
| 5 + 10 | PCC | Channel | 20428 | 20478 | 20528 |
| | | Frequency | 826.8 | 831.8 | 836.8 |
| | SCC | Channel | 20500 | 20550 | 20600 |
| | | Frequency | 834.0 | 839.0 | 844.0 |
| 10 + 5 | PCC | Channel | 20450 | 20500 | 20550 |
| | | Frequency | 829.0 | 834.0 | 839.0 |
| | SCC | Channel | 20522 | 20572 | 20622 |
| | | Frequency | 836.2 | 841.2 | 846.2 |
| 10 + 10 | PCC | Channel | 20450 | 20476 | 20501 |
| | | Frequency | 829.0 | 831.6 | 834.1 |
| | SCC | Channel | 20549 | 20575 | 20600 |
| | | Frequency | 838.9 | 841.5 | 844.0 |

| LTE Band 66B Channel and Frequency List_CA | | | | | |
|---|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | | Lowest | Middle | Highest |
| 5 + 5 | PCC | Channel | 131997 | 132398 | 132599 |
| | | Frequency | 1712.5 | 1752.6 | 1772.7 |
| | SCC | Channel | 132045 | 133346 | 132647 |
| | | Frequency | 1717.3 | 1757.4 | 1777.5 |
| 5 + 10 | PCC | Channel | 132000 | 132375 | 132550 |
| | | Frequency | 1712.8 | 1750.3 | 1767.8 |
| | SCC | Channel | 132072 | 133347 | 132622 |
| | | Frequency | 1720.0 | 1757.5 | 1775.0 |
| 10 + 5 | PCC | Channel | 132022 | 132397 | 132572 |
| | | Frequency | 1715.0 | 1752.5 | 1770.0 |
| | SCC | Channel | 132094 | 133369 | 132644 |
| | | Frequency | 1722.2 | 1759.7 | 1777.2 |
| 5 + 15 | PCC | Channel | 132002 | 132353 | 132504 |
| | | Frequency | 1713.0 | 1748.1 | 1763.2 |
| | SCC | Channel | 132095 | 133346 | 132597 |
| | | Frequency | 1722.3 | 1757.4 | 1772.5 |
| 15 + 5 | PCC | Channel | 132047 | 132398 | 132549 |
| | | Frequency | 1717.5 | 1752.6 | 1767.7 |
| | SCC | Channel | 132140 | 133391 | 132642 |
| | | Frequency | 1726.8 | 1761.9 | 1777.0 |
| 10 + 10 | PCC | Channel | 132022 | 132373 | 135523 |
| | | Frequency | 1715.0 | 1750.1 | 1765.1 |
| | SCC | Channel | 132121 | 133372 | 132622 |
| | | Frequency | 1724.9 | 1760.0 | 1775.0 |

| LTE Band 66C Channel and Frequency List_CA | | | | | |
|---|---|---|---|---|---|
| BW [MHz] | Channel/Frequency(MHz) | | Lowest | Middle | Highest |
| 10 + 15 | PCC | Channel | 132025 | 132351 | 132477 |
| | | Frequency | 1715.3 | 1747.9 | 1760.5 |
| | SCC | Channel | 132145 | 133371 | 132597 |
| | | Frequency | 1727.3 | 1759.9 | 1772.5 |
| 15 + 10 | PCC | Channel | 132047 | 132373 | 132499 |
| | | Frequency | 1717.5 | 1750.1 | 1762.7 |
| | SCC | Channel | 132167 | 133393 | 132619 |
| | | Frequency | 1729.5 | 1761.1 | 1774.7 |
| 10 + 20 | PCC | Channel | 132027 | 132328 | 132428 |
| | | Frequency | 1715.5 | 1745.6 | 1755.6 |
| | SCC | Channel | 131171 | 133372 | 132572 |
| | | Frequency | 1729.9 | 1760.0 | 1770.0 |
| 20 + 10 | PCC | Channel | 132072 | 132373 | 132473 |
| | | Frequency | 1720.0 | 1750.1 | 1760.1 |
| | SCC | Channel | 132216 | 133417 | 132617 |
| | | Frequency | 1734.4 | 1764.5 | 1774.5 |
| 15 + 15 | PCC | Channel | 132047 | 132347 | 132447 |
| | | Frequency | 1717.5 | 1747.5 | 1757.5 |
| | SCC | Channel | 132197 | 133397 | 132597 |
| | | Frequency | 1732.5 | 1762.5 | 1772.5 |
| 15 + 20 | PCC | Channel | 132050 | 132325 | 132401 |
| | | Frequency | 1717.8 | 1745.3 | 1752.9 |
| | SCC | Channel | 132221 | 133396 | 132572 |
| | | Frequency | 1734.9 | 1762.4 | 1770.0 |
| 20 + 15 | PCC | Channel | 132072 | 132348 | 132423 |
| | | Frequency | 1720.0 | 1747.6 | 1755.1 |
| | SCC | Channel | 132243 | 133419 | 132594 |
| | | Frequency | 1737.1 | 1764.7 | 1772.2 |
| 20 + 5 | PCC | Channel | 132072 | 132397 | 132522 |
| | | Frequency | 1720.0 | 1752.5 | 1765.0 |
| | SCC | Channel | 132189 | 133414 | 132639 |
| | | Frequency | 1731.7 | 1764.2 | 1776.7 |

| LTE Band 66C Channel and Frequency List_CA | | | | | |
|---|---|---|---|---|---|
| 5 + 20 | PCC | Channel | 132005 | 132330 | 132455 |
| | | Frequency | 1713.3 | 1745.8 | 1758.3 |
| | SCC | Channel | 132122 | 132447 | 132572 |
| | | Frequency | 1725.0 | 1757.5 | 1770.0 |
| 20 + 20 | PCC | Channel | 132072 | 132323 | 132374 |
| | | Frequency | 1720.0 | 1745.1 | 1750.2 |
| | SCC | Channel | 132270 | 133421 | 132572 |
| | | Frequency | 1739.8 | 1764.9 | 1770.0 |

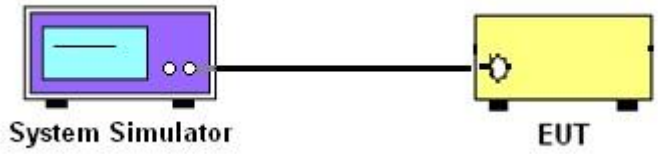
# 3 Conducted Test Items

## 3.1 Measuring Instruments

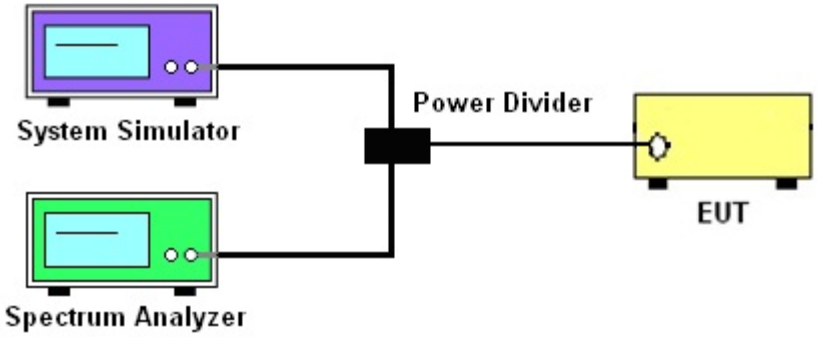
See list of measuring instruments of this test report.

### 3.1.1 Test Setup

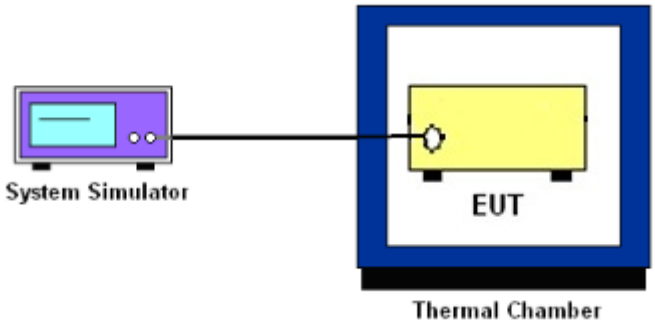
### 3.1.2 Conducted Output Power




### 3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge and Conducted Spurious Emission




### 3.1.4 Frequency Stability




### 3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

# 3.2 Conducted Output Power and ERP/EIRP

## 3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5 and Band 26

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 17 and Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, Band 7, Band 38 and Band 41

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4 and Band 66

According to KDB 412172 D01 Power Approach,

EIRP = $P_T$ + $G_T$ – $L_C$, ERP = EIRP -2.15, where

$P_T$ = transmitter output power in dBm

$G_T$ = gain of the transmitting antenna in dBi

$L_C$ = signal attenuation in the connecting cable between the transmitter and antenna in dB

## 3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

## 3.3 Peak-to-Average Ratio

### 3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

### 3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.

# 3.4 Occupied Bandwidth

## 3.4.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

## 3.4.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
   (this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

# 3.5 Conducted Band Edge

## 3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least 65 + 10 log10 p(watts), dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

### 3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.
   The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 7, 38, 41
   The other 40 dB, and 55 dB have additionally applied same calculation above.

# 3.6 Conducted Spurious Emission

## 3.6.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its $10^{th}$ harmonic.

## 3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 7, 38, 41
   The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

# 3.7 Frequency Stability

## 3.7.1 Description of Frequency Stability Measurement

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

24.235 & 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

## 3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

## 3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 20±5° C and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

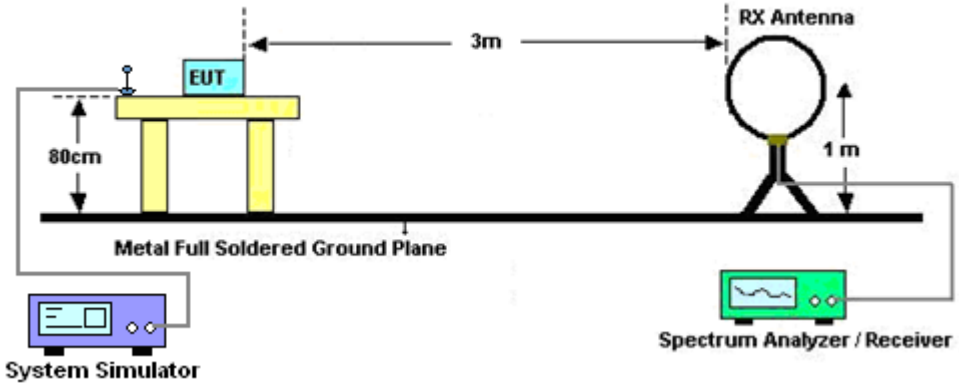
# 4 Radiated Test Items

## 4.1 Measuring Instruments

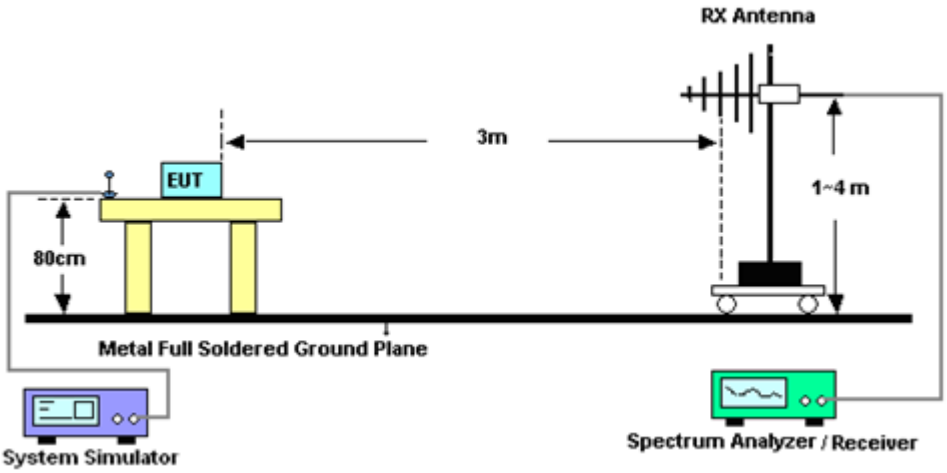
See list of measuring instruments of this test report.

### 4.1.1 Test Setup

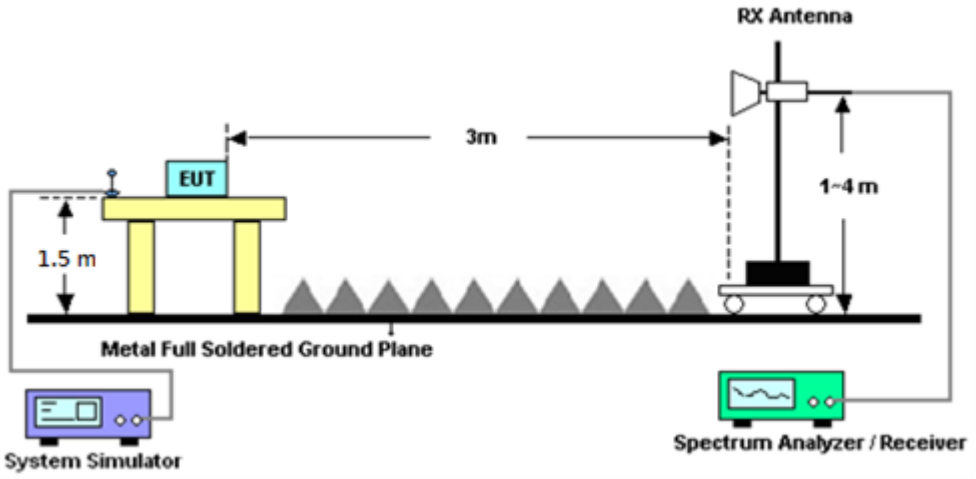
**For radiated test below 30MHz**



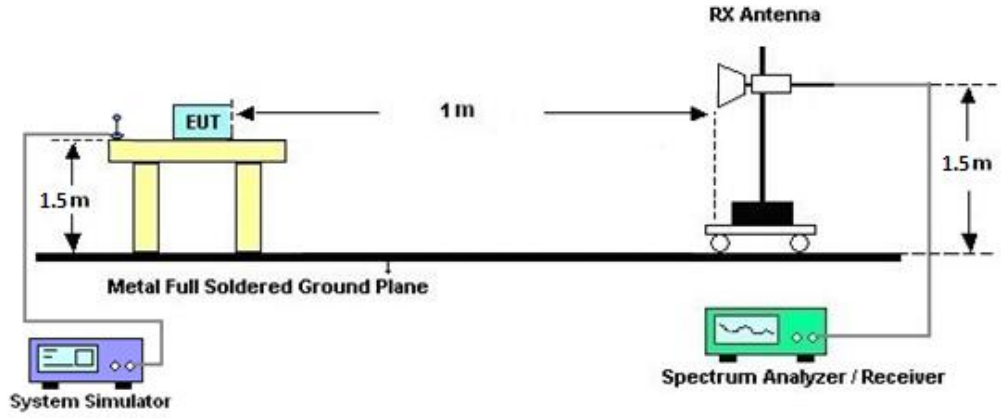

**For radiated test from 30MHz to 1GHz**



**For radiated test from 1GHz to 18GHz**




**For radiated test above 18GHz**




## 4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

**Note:**

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

## 4.2 Radiated Spurious Emission Measurement

### 4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

### 4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. Measure the burst average result by setting trace = max hold or trace = average with duty cycle factor when margin is not enough.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

    For LTE Band 7, 38, 41

    The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

    EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

    ERP (dBm) = EIRP - 2.15

# 5 List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| Bilog Antenna | TESEQ | CBL 6111D & 00800N1D01N-06 | 35419 & 03 | 30MHz~1GHz | Apr. 24, 2022 | May 06, 2022~ May 30, 2022 | Apr. 23, 2023 | Radiation (03CH07-HY) |
| Double Ridge Horn Antenna | ESCO | 3117 | 00075962 | 1GHz ~ 18GHz | Dec. 03, 2021 | May 06, 2022~ May 30, 2022 | Dec. 02, 2022 | Radiation (03CH07-HY) |
| Preamplifier | MITEQ | AMF-7D-00101 800-30-10P | 1590075 | 1GHz~18GHz | Apr. 21, 2022 | May 06, 2022~ May 30, 2022 | Apr. 20, 2023 | Radiation (03CH07-HY) |
| Preamplifier | COM-POWER | PA-103A | 161241 | 10MHz~1GHz | Oct. 04, 2021 | May 06, 2022~ May 30, 2022 | Oct. 03, 2022 | Radiation (03CH07-HY) |
| Preamplifier | Agilent | 8449B | 3008A02362 | 1GHz~26.5GHz | Oct. 04, 2021 | May 06, 2022~ May 30, 2022 | Oct. 03, 2022 | Radiation (03CH07-HY) |
| Preamplifier | EMEC | EM18G40G | 0600789 | 18-40GHz | Jul. 23, 2021 | May 06, 2022~ May 30, 2022 | Jul. 22, 2022 | Radiation (03CH07-HY) |
| Spectrum Analyzer | Agilent | N9030A | MY52350276 | 3Hz~44GHz | Jul. 22, 2021 | May 06, 2022~ May 30, 2022 | Jul. 21, 2022 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY15682/4 | 30MHz to 18GHz | Feb. 23, 2022 | May 06, 2022~ May 30, 2022 | Feb. 22, 2023 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY24971/4 | 9kHz to 18GHz | Feb. 23, 2022 | May 06, 2022~ May 30, 2022 | Feb. 22, 2023 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY28655/4 | 9kHz to 18GHz | Feb. 23, 2022 | May 06, 2022~ May 30, 2022 | Feb. 22, 2023 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 126 | 532078/126E | 30MHz~18GHz | Sep. 17, 2021 | May 06, 2022~ May 30, 2022 | Sep. 16, 2022 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | MY2858/2 | 18GHz~40GHz | Feb. 23, 2022 | May 06, 2022~ May 30, 2022 | Feb. 22, 2023 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 801606/2 | 9KHz ~ 40GHz | Apr. 14, 2022 | May 06, 2022~ May 30, 2022 | Apr. 13, 2023 | Radiation (03CH07-HY) |
| Controller | EMEC | EM1000 | N/A | Control Ant Mast | N/A | May 06, 2022~ May 30, 2022 | N/A | Radiation (03CH07-HY) |
| Controller | MF | MF-7802 | N/A | Control Turn table | N/A | May 06, 2022~ May 30, 2022 | N/A | Radiation (03CH07-HY) |
| Antenna Mast | EMEC | AM-BS-4500E | N/A | Boresight mast 1M~4M | N/A | May 06, 2022~ May 30, 2022 | N/A | Radiation (03CH07-HY) |
| Turn Table | ChainTek | Chaintek 3000 | N/A | 0~360 Degree | N/A | May 06, 2022~ May 30, 2022 | N/A | Radiation (03CH07-HY) |
| Software | Audix | E3 | N/A | N/A | N/A | May 06, 2022~ May 30, 2022 | N/A | Radiation (03CH07-HY) |
| USB Data Logger | TECPEL | TR-32 | HE17XB2495 | N/A | Mar. 07, 2022 | May 06, 2022~ May 30, 2022 | Mar. 06, 2023 | Radiation (03CH07-HY) |
| Horn Antenna | EMCO | 3117 | 00143261 | 1GHz~18GHz | Feb. 11, 2022 | May 06, 2022~ May 30, 2022 | Feb. 10, 2023 | Radiation (03CH07-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK | BBHA 9170 | BBHA9170251 | 18GHz~40GHz | Nov. 30, 2021 | May 06, 2022~ May 30, 2022 | Nov. 29, 2022 | Radiation (03CH07-HY) |
| Signal Generator | Rohde & Schwarz | SMF100A | 101107 | 100kHz~40GHz | Dec. 08, 2021 | May 06, 2022~ May 30, 2022 | Dec. 07, 2022 | Radiation (03CH07-HY) |

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| Radio Communication Analyzer | Anritsu | MT8821C | 6201664755 | 2/3/4G/LTE FDD/TDD with44)/LTE-3CC DLCA/2CC ULCA, CatM1/NB1/NB2 | Jul. 21, 2021 | Apr. 20, 2022~ Jun. 30, 2022 | Jul. 20, 2022 | Conducted (TH03-HY) |
| Spectrum Analyzer | Rohde & Schwarz | FSV40 | 101908 | 10Hz~40GHz | Oct. 01, 2021 | Apr. 20, 2022~ Jun. 30, 2022 | Sep. 30, 2022 | Conducted (TH03-HY) |
| Thermal Chamber | ESPEC | SH-641 | 92013720 | -40℃ ~90℃ | Sep. 09, 2021 | Apr. 20, 2022~ Jun. 30, 2022 | Sep. 08, 2022 | Conducted (TH03-HY) |
| DC Power Supply | GW Instek | GPP-2323 | GES906037 | 0V~64V；0A~6A | Jan. 06, 2022 | Apr. 20, 2022~ Jun. 30, 2022 | Jan. 05, 2023 | Conducted (TH03-HY) |
| Coupler | Warison | 20dB 25W SMA Directional Coupler | #B | 1-18GHz | Jan. 07, 2022 | Apr. 20, 2022~ Jun. 30, 2022 | Jan. 06, 2023 | Conducted (TH03-HY) |

# 6 Uncertainty of Evaluation

**Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)**

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **3.16 dB** |

**Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)**

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **3.71 dB** |

**Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)**

| | |
|---|---|
| **Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))** | **4.16 dB** |

# Appendix A. Test Results of Conducted Test

## Conducted Output Power (Average power & ERP/EIRP)

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20 | 1 | 0 | QPSK | 22.82 | 24.29 | 22.56 | 25.89 | 0.3882 |
| 20 | 1 | 49 | | 22.74 | 23.92 | 22.69 | | |
| 20 | 1 | 99 | | 24.05 | 22.52 | 23.01 | | |
| 20 | 50 | 0 | | 21.76 | 23.41 | 21.76 | | |
| 20 | 50 | 24 | | 21.84 | 23.12 | 22.65 | | |
| 20 | 50 | 50 | | 22.17 | 22.86 | 22.53 | | |
| 20 | 100 | 0 | | 21.95 | 23.14 | 22.64 | | |
| 20 | 1 | 0 | 16-QAM | 22.02 | 23.48 | 21.82 | 25.08 | 0.3221 |
| 20 | 1 | 49 | | 22.00 | 23.18 | 22.00 | | |
| 20 | 1 | 99 | | 23.35 | 21.78 | 22.32 | | |
| 20 | 50 | 0 | | 20.77 | 22.47 | 20.80 | | |
| 20 | 50 | 24 | | 20.83 | 22.18 | 21.72 | | |
| 20 | 50 | 50 | | 21.18 | 21.92 | 21.59 | | |
| 20 | 100 | 0 | | 20.96 | 22.20 | 21.65 | | |
| 20 | 1 | 0 | 64-QAM | 21.11 | 22.50 | 20.75 | 24.10 | 0.2570 |
| 20 | 1 | 49 | | 20.95 | 22.26 | 20.93 | | |
| 20 | 1 | 99 | | 22.35 | 20.82 | 21.32 | | |
| 20 | 50 | 0 | | 19.76 | 21.48 | 19.81 | | |
| 20 | 50 | 24 | | 19.83 | 21.24 | 20.70 | | |
| 20 | 50 | 50 | | 20.16 | 20.96 | 20.64 | | |
| 20 | 100 | 0 | | 19.97 | 21.26 | 20.68 | | |
| 20 | 1 | 0 | 256-QAM | 19.07 | 19.41 | 18.83 | 21.10 | 0.1288 |
| 20 | 1 | 49 | | 18.97 | 19.50 | 18.59 | | |
| 20 | 1 | 99 | | 19.37 | 18.86 | 18.89 | | |
| 20 | 50 | 0 | | 18.74 | 19.48 | 18.52 | | |
| 20 | 50 | 24 | | 18.84 | 19.40 | 19.00 | | |
| 20 | 50 | 50 | | 19.19 | 19.40 | 18.98 | | |
| 20 | 100 | 0 | | 18.95 | 19.43 | 18.92 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15 | 1 | 0 | QPSK | 22.56 | 24.06 | 22.43 | 25.66 | 0.3681 |
| 15 | 1 | 37 | | 22.33 | 23.75 | 23.45 | | |
| 15 | 1 | 74 | | 22.90 | 22.46 | 22.89 | | |
| 15 | 36 | 0 | | 21.48 | 23.26 | 21.73 | | |
| 15 | 36 | 20 | | 21.46 | 22.95 | 22.57 | | |
| 15 | 36 | 39 | | 21.69 | 22.78 | 22.35 | | |
| 15 | 75 | 0 | | 21.58 | 23.03 | 22.54 | | |
| 15 | 1 | 0 | 16-QAM | 21.88 | 23.38 | 21.74 | 24.98 | 0.3148 |
| 15 | 1 | 37 | | 21.67 | 23.11 | 22.77 | | |
| 15 | 1 | 74 | | 22.23 | 21.78 | 22.27 | | |
| 15 | 36 | 0 | | 20.53 | 22.34 | 20.78 | | |
| 15 | 36 | 20 | | 20.53 | 22.03 | 21.65 | | |
| 15 | 36 | 39 | | 20.76 | 21.87 | 21.43 | | |
| 15 | 75 | 0 | | 20.65 | 22.11 | 21.61 | | |
| 15 | 1 | 0 | 64-QAM | 20.90 | 22.39 | 20.71 | 23.99 | 0.2506 |
| 15 | 1 | 37 | | 20.64 | 22.22 | 21.76 | | |
| 15 | 1 | 74 | | 21.22 | 20.75 | 21.26 | | |
| 15 | 36 | 0 | | 19.56 | 21.41 | 19.82 | | |
| 15 | 36 | 20 | | 19.55 | 21.09 | 20.68 | | |
| 15 | 36 | 39 | | 19.79 | 20.92 | 20.47 | | |
| 15 | 75 | 0 | | 19.68 | 21.17 | 20.67 | | |
| 15 | 1 | 0 | 256-QAM | 18.72 | 19.49 | 18.78 | 21.62 | 0.1452 |
| 15 | 1 | 37 | | 18.51 | 20.02 | 19.22 | | |
| 15 | 1 | 74 | | 19.27 | 18.88 | 18.97 | | |
| 15 | 36 | 0 | | 18.14 | 19.50 | 18.27 | | |
| 15 | 36 | 20 | | 18.18 | 19.47 | 18.75 | | |
| 15 | 36 | 39 | | 18.43 | 19.28 | 18.79 | | |
| 15 | 75 | 0 | | 18.30 | 19.45 | 18.82 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10 | 1 | 0 | QPSK | 22.97 | 24.28 | 22.58 | 25.88 | 0.3873 |
| 10 | 1 | 25 | | 22.57 | 23.81 | 23.25 | | |
| 10 | 1 | 49 | | 22.92 | 23.79 | 22.88 | | |
| 10 | 25 | 0 | | 21.76 | 23.24 | 22.69 | | |
| 10 | 25 | 12 | | 21.65 | 23.01 | 22.45 | | |
| 10 | 25 | 25 | | 21.74 | 22.89 | 22.30 | | |
| 10 | 50 | 0 | | 21.72 | 23.06 | 22.49 | | |
| 10 | 1 | 0 | 16-QAM | 22.09 | 23.48 | 21.87 | 25.08 | 0.3221 |
| 10 | 1 | 25 | | 21.68 | 23.12 | 22.63 | | |
| 10 | 1 | 49 | | 22.12 | 23.09 | 22.18 | | |
| 10 | 25 | 0 | | 20.73 | 22.31 | 21.75 | | |
| 10 | 25 | 12 | | 20.63 | 22.08 | 21.53 | | |
| 10 | 25 | 25 | | 20.75 | 21.96 | 21.37 | | |
| 10 | 50 | 0 | | 20.72 | 22.14 | 21.56 | | |
| 10 | 1 | 0 | 64-QAM | 21.06 | 22.49 | 20.82 | 24.09 | 0.2564 |
| 10 | 1 | 25 | | 20.66 | 22.19 | 21.56 | | |
| 10 | 1 | 49 | | 21.13 | 22.10 | 21.22 | | |
| 10 | 25 | 0 | | 19.70 | 21.37 | 20.78 | | |
| 10 | 25 | 12 | | 19.59 | 21.13 | 20.55 | | |
| 10 | 25 | 25 | | 19.73 | 21.02 | 20.40 | | |
| 10 | 50 | 0 | | 19.71 | 21.21 | 20.61 | | |
| 10 | 1 | 0 | 256-QAM | 18.71 | 20.00 | 18.88 | 21.67 | 0.1469 |
| 10 | 1 | 25 | | 18.39 | 20.07 | 19.15 | | |
| 10 | 1 | 49 | | 18.93 | 19.69 | 19.26 | | |
| 10 | 25 | 0 | | 18.49 | 19.97 | 19.31 | | |
| 10 | 25 | 12 | | 18.42 | 19.94 | 19.18 | | |
| 10 | 25 | 25 | | 18.58 | 19.84 | 19.08 | | |
| 10 | 50 | 0 | | 18.54 | 19.92 | 19.16 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5 | 1 | 0 | QPSK | 22.48 | 23.99 | 23.42 | 25.59 | 0.3622 |
| 5 | 1 | 12 | | 22.32 | 23.74 | 23.11 | | |
| 5 | 1 | 24 | | 22.35 | 23.58 | 22.95 | | |
| 5 | 12 | 0 | | 21.48 | 23.03 | 22.36 | | |
| 5 | 12 | 7 | | 21.42 | 22.91 | 22.20 | | |
| 5 | 12 | 13 | | 21.39 | 22.81 | 22.09 | | |
| 5 | 25 | 0 | | 21.44 | 22.92 | 22.22 | | |
| 5 | 1 | 0 | 16-QAM | 21.79 | 23.34 | 22.70 | 24.94 | 0.3119 |
| 5 | 1 | 12 | | 21.69 | 23.05 | 22.43 | | |
| 5 | 1 | 24 | | 21.72 | 22.91 | 22.30 | | |
| 5 | 12 | 0 | | 20.55 | 22.13 | 21.44 | | |
| 5 | 12 | 7 | | 20.51 | 22.02 | 21.27 | | |
| 5 | 12 | 13 | | 20.50 | 21.92 | 21.18 | | |
| 5 | 25 | 0 | | 20.53 | 21.99 | 21.30 | | |
| 5 | 1 | 0 | 64-QAM | 20.77 | 22.44 | 21.68 | 24.04 | 0.2535 |
| 5 | 1 | 12 | | 20.67 | 22.15 | 21.44 | | |
| 5 | 1 | 24 | | 20.71 | 22.00 | 21.32 | | |
| 5 | 12 | 0 | | 19.61 | 21.20 | 20.47 | | |
| 5 | 12 | 7 | | 19.56 | 21.06 | 20.34 | | |
| 5 | 12 | 13 | | 19.52 | 20.98 | 20.22 | | |
| 5 | 25 | 0 | | 19.56 | 21.07 | 20.35 | | |
| 5 | 1 | 0 | 256-QAM | 18.51 | 19.92 | 19.26 | 21.57 | 0.1435 |
| 5 | 1 | 12 | | 18.37 | 19.97 | 18.94 | | |
| 5 | 1 | 24 | | 18.43 | 19.88 | 18.87 | | |
| 5 | 12 | 0 | | 18.40 | 19.90 | 19.07 | | |
| 5 | 12 | 7 | | 18.36 | 19.92 | 18.96 | | |
| 5 | 12 | 13 | | 18.32 | 19.83 | 18.82 | | |
| 5 | 25 | 0 | | 18.35 | 19.90 | 19.08 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3 | 1 | 0 | QPSK | 22.33 | 23.80 | 23.09 | 25.40 | 0.3467 |
| 3 | 1 | 8 | | 22.34 | 23.68 | 22.90 | | |
| 3 | 1 | 14 | | 22.26 | 23.54 | 22.78 | | |
| 3 | 8 | 0 | | 21.42 | 22.89 | 22.10 | | |
| 3 | 8 | 4 | | 21.42 | 22.83 | 22.02 | | |
| 3 | 8 | 7 | | 21.39 | 22.76 | 21.95 | | |
| 3 | 15 | 0 | | 21.41 | 22.82 | 22.02 | | |
| 3 | 1 | 0 | 16-QAM | 21.68 | 23.06 | 22.39 | 24.66 | 0.2924 |
| 3 | 1 | 8 | | 21.67 | 22.98 | 22.26 | | |
| 3 | 1 | 14 | | 21.60 | 22.88 | 22.14 | | |
| 3 | 8 | 0 | | 20.54 | 21.99 | 21.20 | | |
| 3 | 8 | 4 | | 20.54 | 21.94 | 21.11 | | |
| 3 | 8 | 7 | | 20.51 | 21.87 | 21.05 | | |
| 3 | 15 | 0 | | 20.49 | 21.93 | 21.10 | | |
| 3 | 1 | 0 | 64-QAM | 20.69 | 22.15 | 21.34 | 23.75 | 0.2371 |
| 3 | 1 | 8 | | 20.70 | 22.02 | 21.27 | | |
| 3 | 1 | 14 | | 20.61 | 21.93 | 21.09 | | |
| 3 | 8 | 0 | | 19.55 | 21.04 | 20.22 | | |
| 3 | 8 | 4 | | 19.53 | 21.00 | 20.15 | | |
| 3 | 8 | 7 | | 19.52 | 20.94 | 20.09 | | |
| 3 | 15 | 0 | | 19.53 | 20.99 | 20.15 | | |
| 3 | 1 | 0 | 256-QAM | 18.07 | 19.49 | 18.76 | 21.10 | 0.1288 |
| 3 | 1 | 8 | | 18.05 | 19.49 | 18.65 | | |
| 3 | 1 | 14 | | 17.98 | 19.47 | 18.43 | | |
| 3 | 8 | 0 | | 17.99 | 19.50 | 18.70 | | |
| 3 | 8 | 4 | | 18.03 | 19.49 | 18.55 | | |
| 3 | 8 | 7 | | 17.99 | 19.47 | 18.47 | | |
| 3 | 15 | 0 | | 17.99 | 19.50 | 18.63 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4 | 1 | 0 | QPSK | 22.24 | 23.63 | 22.78 | 25.23 | 0.3334 |
| 1.4 | 1 | 3 | | 22.24 | 23.59 | 22.75 | | |
| 1.4 | 1 | 5 | | 22.21 | 23.52 | 22.68 | | |
| 1.4 | 3 | 0 | | 22.23 | 23.59 | 22.73 | | |
| 1.4 | 3 | 1 | | 22.23 | 23.59 | 22.72 | | |
| 1.4 | 3 | 3 | | 22.23 | 23.54 | 22.68 | | |
| 1.4 | 6 | 0 | | 21.31 | 22.72 | 21.78 | | |
| 1.4 | 1 | 0 | 16-QAM | 21.51 | 22.91 | 22.04 | 24.51 | 0.2825 |
| 1.4 | 1 | 3 | | 21.59 | 22.91 | 22.05 | | |
| 1.4 | 1 | 5 | | 21.54 | 22.82 | 22.00 | | |
| 1.4 | 3 | 0 | | 21.39 | 22.78 | 21.91 | | |
| 1.4 | 3 | 1 | | 21.42 | 22.76 | 21.89 | | |
| 1.4 | 3 | 3 | | 21.43 | 22.72 | 21.85 | | |
| 1.4 | 6 | 0 | | 20.42 | 21.82 | 20.91 | | |
| 1.4 | 1 | 0 | 64-QAM | 20.56 | 21.88 | 21.05 | 23.53 | 0.2254 |
| 1.4 | 1 | 3 | | 20.56 | 21.93 | 21.09 | | |
| 1.4 | 1 | 5 | | 20.58 | 21.85 | 21.00 | | |
| 1.4 | 3 | 0 | | 20.50 | 21.93 | 20.98 | | |
| 1.4 | 3 | 1 | | 20.52 | 21.91 | 20.98 | | |
| 1.4 | 3 | 3 | | 20.48 | 21.86 | 20.97 | | |
| 1.4 | 6 | 0 | | 19.42 | 20.89 | 19.91 | | |
| 1.4 | 1 | 0 | 256-QAM | 17.90 | 19.48 | 18.52 | 21.10 | 0.1288 |
| 1.4 | 1 | 3 | | 17.97 | 19.49 | 18.58 | | |
| 1.4 | 1 | 5 | | 18.00 | 19.41 | 18.54 | | |
| 1.4 | 3 | 0 | | 17.94 | 19.50 | 18.54 | | |
| 1.4 | 3 | 1 | | 17.97 | 19.49 | 18.55 | | |
| 1.4 | 3 | 3 | | 17.96 | 19.48 | 18.49 | | |
| 1.4 | 6 | 0 | | 17.93 | 19.44 | 18.48 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20 | 1 | 0 | QPSK | 23.45 | 23.71 | 23.36 | 25.31 | 0.3396 |
| 20 | 1 | 49 | | 23.43 | 23.63 | 23.21 | | |
| 20 | 1 | 99 | | 23.37 | 23.47 | 22.99 | | |
| 20 | 50 | 0 | | 22.43 | 22.62 | 22.34 | | |
| 20 | 50 | 24 | | 22.52 | 22.72 | 22.31 | | |
| 20 | 50 | 50 | | 22.47 | 22.65 | 22.14 | | |
| 20 | 100 | 0 | | 22.50 | 22.62 | 22.30 | | |
| 20 | 1 | 0 | 16-QAM | 22.69 | 22.94 | 22.73 | 24.60 | 0.2884 |
| 20 | 1 | 49 | | 22.74 | 23.00 | 22.64 | | |
| 20 | 1 | 99 | | 22.74 | 22.82 | 22.30 | | |
| 20 | 50 | 0 | | 21.45 | 21.66 | 21.34 | | |
| 20 | 50 | 24 | | 21.53 | 21.75 | 21.31 | | |
| 20 | 50 | 50 | | 21.49 | 21.70 | 21.15 | | |
| 20 | 100 | 0 | | 21.53 | 21.64 | 21.31 | | |
| 20 | 1 | 0 | 64-QAM | 21.55 | 21.79 | 21.58 | 23.49 | 0.2234 |
| 20 | 1 | 49 | | 21.70 | 21.89 | 21.51 | | |
| 20 | 1 | 99 | | 21.62 | 21.77 | 21.23 | | |
| 20 | 50 | 0 | | 20.45 | 20.63 | 20.35 | | |
| 20 | 50 | 24 | | 20.52 | 20.75 | 20.31 | | |
| 20 | 50 | 50 | | 20.50 | 20.67 | 20.15 | | |
| 20 | 100 | 0 | | 20.50 | 20.62 | 20.30 | | |
| 20 | 1 | 0 | 256-QAM | 18.47 | 18.66 | 18.47 | 20.44 | 0.1107 |
| 20 | 1 | 49 | | 18.60 | 18.84 | 18.32 | | |
| 20 | 1 | 99 | | 18.72 | 18.58 | 18.34 | | |
| 20 | 50 | 0 | | 18.39 | 18.51 | 18.26 | | |
| 20 | 50 | 24 | | 18.51 | 18.69 | 18.25 | | |
| 20 | 50 | 50 | | 18.52 | 18.64 | 18.09 | | |
| 20 | 100 | 0 | | 18.49 | 18.59 | 18.28 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15 | 1 | 0 | QPSK | 23.25 | 23.47 | 23.22 | 25.12 | 0.3251 |
| 15 | 1 | 37 | | 23.32 | 23.52 | 23.10 | | |
| 15 | 1 | 74 | | 23.34 | 23.44 | 22.89 | | |
| 15 | 36 | 0 | | 22.34 | 22.56 | 22.20 | | |
| 15 | 36 | 20 | | 22.41 | 22.68 | 22.20 | | |
| 15 | 36 | 39 | | 22.39 | 22.63 | 22.05 | | |
| 15 | 75 | 0 | | 22.41 | 22.54 | 22.19 | | |
| 15 | 1 | 0 | 16-QAM | 22.61 | 22.76 | 22.52 | 24.46 | 0.2793 |
| 15 | 1 | 37 | | 22.65 | 22.86 | 22.47 | | |
| 15 | 1 | 74 | | 22.69 | 22.74 | 22.19 | | |
| 15 | 36 | 0 | | 21.35 | 21.60 | 21.24 | | |
| 15 | 36 | 20 | | 21.44 | 21.68 | 21.20 | | |
| 15 | 36 | 39 | | 21.44 | 21.64 | 21.07 | | |
| 15 | 75 | 0 | | 21.44 | 21.58 | 21.20 | | |
| 15 | 1 | 0 | 64-QAM | 21.50 | 21.69 | 21.47 | 23.40 | 0.2188 |
| 15 | 1 | 37 | | 21.60 | 21.80 | 21.37 | | |
| 15 | 1 | 74 | | 21.61 | 21.71 | 21.21 | | |
| 15 | 36 | 0 | | 20.36 | 20.58 | 20.21 | | |
| 15 | 36 | 20 | | 20.45 | 20.69 | 20.20 | | |
| 15 | 36 | 39 | | 20.42 | 20.64 | 20.06 | | |
| 15 | 75 | 0 | | 20.40 | 20.57 | 20.17 | | |
| 15 | 1 | 0 | 256-QAM | 18.47 | 18.66 | 18.51 | 20.36 | 0.1086 |
| 15 | 1 | 37 | | 18.55 | 18.76 | 18.27 | | |
| 15 | 1 | 74 | | 18.71 | 18.64 | 18.32 | | |
| 15 | 36 | 0 | | 18.41 | 18.52 | 18.25 | | |
| 15 | 36 | 20 | | 18.50 | 18.60 | 18.31 | | |
| 15 | 36 | 39 | | 18.48 | 18.61 | 18.10 | | |
| 15 | 75 | 0 | | 18.51 | 18.59 | 18.32 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10 | 1 | 0 | QPSK | 23.37 | 23.62 | 23.20 | 25.27 | 0.3365 |
| 10 | 1 | 25 | | 23.41 | 23.67 | 23.17 | | |
| 10 | 1 | 49 | | 23.33 | 23.59 | 23.06 | | |
| 10 | 25 | 0 | | 22.41 | 22.68 | 22.27 | | |
| 10 | 25 | 12 | | 22.49 | 22.77 | 22.28 | | |
| 10 | 25 | 25 | | 22.48 | 22.74 | 22.14 | | |
| 10 | 50 | 0 | | 22.49 | 22.74 | 22.25 | | |
| 10 | 1 | 0 | 16-QAM | 22.80 | 22.97 | 22.65 | 24.60 | 0.2884 |
| 10 | 1 | 25 | | 22.76 | 22.96 | 22.56 | | |
| 10 | 1 | 49 | | 22.71 | 23.00 | 22.43 | | |
| 10 | 25 | 0 | | 21.44 | 21.70 | 21.30 | | |
| 10 | 25 | 12 | | 21.54 | 21.79 | 21.27 | | |
| 10 | 25 | 25 | | 21.51 | 21.76 | 21.16 | | |
| 10 | 50 | 0 | | 21.50 | 21.77 | 21.27 | | |
| 10 | 1 | 0 | 64-QAM | 21.63 | 21.90 | 21.49 | 23.52 | 0.2249 |
| 10 | 1 | 25 | | 21.68 | 21.92 | 21.45 | | |
| 10 | 1 | 49 | | 21.60 | 21.85 | 21.33 | | |
| 10 | 25 | 0 | | 20.44 | 20.69 | 20.33 | | |
| 10 | 25 | 12 | | 20.54 | 20.78 | 20.28 | | |
| 10 | 25 | 25 | | 20.50 | 20.75 | 20.15 | | |
| 10 | 50 | 0 | | 20.49 | 20.76 | 20.26 | | |
| 10 | 1 | 0 | 256-QAM | 18.43 | 18.71 | 18.49 | 20.43 | 0.1104 |
| 10 | 1 | 25 | | 18.53 | 18.83 | 18.34 | | |
| 10 | 1 | 49 | | 18.77 | 18.55 | 18.25 | | |
| 10 | 25 | 0 | | 18.39 | 18.51 | 18.30 | | |
| 10 | 25 | 12 | | 18.53 | 18.62 | 18.30 | | |
| 10 | 25 | 25 | | 18.53 | 18.56 | 18.11 | | |
| 10 | 50 | 0 | | 18.59 | 18.53 | 18.27 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5 | 1 | 0 | QPSK | 23.36 | 23.69 | 23.12 | 25.30 | 0.3388 |
| 5 | 1 | 12 | | 23.37 | 23.70 | 23.12 | | |
| 5 | 1 | 24 | | 23.37 | 23.67 | 23.06 | | |
| 5 | 12 | 0 | | 22.35 | 22.65 | 22.20 | | |
| 5 | 12 | 7 | | 22.43 | 22.75 | 22.17 | | |
| 5 | 12 | 13 | | 22.41 | 22.74 | 22.08 | | |
| 5 | 25 | 0 | | 22.41 | 22.74 | 22.17 | | |
| 5 | 1 | 0 | 16-QAM | 22.78 | 22.99 | 22.51 | 24.59 | 0.2877 |
| 5 | 1 | 12 | | 22.80 | 22.98 | 22.53 | | |
| 5 | 1 | 24 | | 22.83 | 22.96 | 22.42 | | |
| 5 | 12 | 0 | | 21.42 | 21.69 | 21.23 | | |
| 5 | 12 | 7 | | 21.47 | 21.79 | 21.22 | | |
| 5 | 12 | 13 | | 21.48 | 21.75 | 21.12 | | |
| 5 | 25 | 0 | | 21.44 | 21.73 | 21.20 | | |
| 5 | 1 | 0 | 64-QAM | 21.63 | 21.92 | 21.40 | 23.60 | 0.2291 |
| 5 | 1 | 12 | | 21.58 | 21.98 | 21.39 | | |
| 5 | 1 | 24 | | 21.67 | 22.00 | 21.35 | | |
| 5 | 12 | 0 | | 20.38 | 20.70 | 20.23 | | |
| 5 | 12 | 7 | | 20.48 | 20.77 | 20.24 | | |
| 5 | 12 | 13 | | 20.46 | 20.76 | 20.09 | | |
| 5 | 25 | 0 | | 20.44 | 20.76 | 20.19 | | |
| 5 | 1 | 0 | 256-QAM | 18.42 | 18.72 | 18.54 | 20.44 | 0.1107 |
| 5 | 1 | 12 | | 18.62 | 18.84 | 18.24 | | |
| 5 | 1 | 24 | | 18.77 | 18.60 | 18.23 | | |
| 5 | 12 | 0 | | 18.39 | 18.55 | 18.27 | | |
| 5 | 12 | 7 | | 18.50 | 18.61 | 18.27 | | |
| 5 | 12 | 13 | | 18.49 | 18.62 | 18.09 | | |
| 5 | 25 | 0 | | 18.57 | 18.54 | 18.32 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3 | 1 | 0 | QPSK | 23.30 | 23.62 | 23.08 | 25.30 | 0.3388 |
| 3 | 1 | 8 | | 23.36 | 23.70 | 23.10 | | |
| 3 | 1 | 14 | | 23.31 | 23.62 | 23.00 | | |
| 3 | 8 | 0 | | 22.39 | 22.70 | 22.11 | | |
| 3 | 8 | 4 | | 22.40 | 22.73 | 22.13 | | |
| 3 | 8 | 7 | | 22.39 | 22.69 | 22.12 | | |
| 3 | 15 | 0 | | 22.40 | 22.68 | 22.10 | | |
| 3 | 1 | 0 | 16-QAM | 22.68 | 22.94 | 22.43 | 24.60 | 0.2884 |
| 3 | 1 | 8 | | 22.79 | 23.00 | 22.48 | | |
| 3 | 1 | 14 | | 22.68 | 23.00 | 22.41 | | |
| 3 | 8 | 0 | | 21.49 | 21.79 | 21.20 | | |
| 3 | 8 | 4 | | 21.49 | 21.81 | 21.24 | | |
| 3 | 8 | 7 | | 21.46 | 21.80 | 21.20 | | |
| 3 | 15 | 0 | | 21.42 | 21.71 | 21.17 | | |
| 3 | 1 | 0 | 64-QAM | 21.64 | 21.87 | 21.33 | 23.54 | 0.2259 |
| 3 | 1 | 8 | | 21.63 | 21.94 | 21.38 | | |
| 3 | 1 | 14 | | 21.60 | 21.88 | 21.28 | | |
| 3 | 8 | 0 | | 20.44 | 20.74 | 20.16 | | |
| 3 | 8 | 4 | | 20.44 | 20.74 | 20.17 | | |
| 3 | 8 | 7 | | 20.44 | 20.76 | 20.15 | | |
| 3 | 15 | 0 | | 20.42 | 20.73 | 20.13 | | |
| 3 | 1 | 0 | 256-QAM | 18.47 | 18.71 | 18.53 | 20.34 | 0.1081 |
| 3 | 1 | 8 | | 18.55 | 18.74 | 18.27 | | |
| 3 | 1 | 14 | | 18.73 | 18.65 | 18.26 | | |
| 3 | 8 | 0 | | 18.47 | 18.52 | 18.21 | | |
| 3 | 8 | 4 | | 18.55 | 18.60 | 18.21 | | |
| 3 | 8 | 7 | | 18.47 | 18.56 | 18.15 | | |
| 3 | 15 | 0 | | 18.49 | 18.59 | 18.32 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4 | 1 | 0 | QPSK | 23.30 | 23.66 | 23.03 | 25.29 | 0.3381 |
| 1.4 | 1 | 3 | | 23.35 | 23.67 | 23.07 | | |
| 1.4 | 1 | 5 | | 23.31 | 23.63 | 23.02 | | |
| 1.4 | 3 | 0 | | 23.38 | 23.68 | 23.06 | | |
| 1.4 | 3 | 1 | | 23.38 | 23.69 | 23.10 | | |
| 1.4 | 3 | 3 | | 23.38 | 23.68 | 23.08 | | |
| 1.4 | 6 | 0 | | 22.36 | 22.68 | 22.06 | | |
| 1.4 | 1 | 0 | 16-QAM | 22.70 | 22.99 | 22.42 | 24.59 | 0.2877 |
| 1.4 | 1 | 3 | | 22.78 | 22.98 | 22.48 | | |
| 1.4 | 1 | 5 | | 22.74 | 22.95 | 22.42 | | |
| 1.4 | 3 | 0 | | 22.56 | 22.86 | 22.22 | | |
| 1.4 | 3 | 1 | | 22.54 | 22.88 | 22.25 | | |
| 1.4 | 3 | 3 | | 22.55 | 22.85 | 22.25 | | |
| 1.4 | 6 | 0 | | 21.47 | 21.77 | 21.14 | | |
| 1.4 | 1 | 0 | 64-QAM | 21.58 | 21.88 | 21.31 | 23.52 | 0.2249 |
| 1.4 | 1 | 3 | | 21.64 | 21.92 | 21.32 | | |
| 1.4 | 1 | 5 | | 21.56 | 21.85 | 21.27 | | |
| 1.4 | 3 | 0 | | 21.49 | 21.83 | 21.21 | | |
| 1.4 | 3 | 1 | | 21.48 | 21.83 | 21.21 | | |
| 1.4 | 3 | 3 | | 21.49 | 21.83 | 21.21 | | |
| 1.4 | 6 | 0 | | 20.42 | 20.73 | 20.14 | | |
| 1.4 | 1 | 0 | 256-QAM | 18.40 | 18.71 | 18.45 | 20.43 | 0.1104 |
| 1.4 | 1 | 3 | | 18.62 | 18.83 | 18.27 | | |
| 1.4 | 1 | 5 | | 18.76 | 18.57 | 18.21 | | |
| 1.4 | 3 | 0 | | 18.45 | 18.54 | 18.22 | | |
| 1.4 | 3 | 1 | | 18.56 | 18.67 | 18.26 | | |
| 1.4 | 3 | 3 | | 18.52 | 18.65 | 18.16 | | |
| 1.4 | 6 | 0 | | 18.54 | 18.57 | 18.22 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20 | 1 | 0 | QPSK | 23.94 | 23.93 | 24.22 | 26.12 | 0.4093 |
| 20 | 1 | 49 | | 23.58 | 24.07 | 24.02 | | |
| 20 | 1 | 99 | | 24.00 | 23.92 | 23.85 | | |
| 20 | 50 | 0 | | 22.88 | 23.11 | 23.11 | | |
| 20 | 50 | 24 | | 22.75 | 23.09 | 23.05 | | |
| 20 | 50 | 50 | | 22.87 | 23.02 | 22.91 | | |
| 20 | 100 | 0 | | 22.85 | 23.07 | 23.04 | | |
| 20 | 1 | 0 | 16-QAM | 23.20 | 23.28 | 23.42 | 25.32 | 0.3404 |
| 20 | 1 | 49 | | 22.86 | 23.38 | 23.29 | | |
| 20 | 1 | 99 | | 23.33 | 23.32 | 23.19 | | |
| 20 | 50 | 0 | | 21.92 | 22.15 | 22.14 | | |
| 20 | 50 | 24 | | 21.81 | 22.14 | 22.09 | | |
| 20 | 50 | 50 | | 21.94 | 22.05 | 21.91 | | |
| 20 | 100 | 0 | | 21.92 | 22.08 | 22.06 | | |
| 20 | 1 | 0 | 64-QAM | 22.30 | 22.23 | 22.38 | 24.29 | 0.2685 |
| 20 | 1 | 49 | | 21.86 | 22.39 | 22.29 | | |
| 20 | 1 | 99 | | 22.25 | 22.15 | 22.11 | | |
| 20 | 50 | 0 | | 20.98 | 21.13 | 21.11 | | |
| 20 | 50 | 24 | | 20.85 | 21.13 | 21.06 | | |
| 20 | 50 | 50 | | 20.97 | 21.04 | 20.90 | | |
| 20 | 100 | 0 | | 20.97 | 21.09 | 21.06 | | |
| 20 | 1 | 0 | 256-QAM | 19.25 | 19.27 | 19.30 | 21.20 | 0.1318 |
| 20 | 1 | 49 | | 19.22 | 19.25 | 19.28 | | |
| 20 | 1 | 99 | | 19.21 | 19.23 | 19.24 | | |
| 20 | 50 | 0 | | 19.17 | 19.19 | 19.22 | | |
| 20 | 50 | 24 | | 19.10 | 19.11 | 19.12 | | |
| 20 | 50 | 50 | | 19.07 | 19.12 | 19.15 | | |
| 20 | 100 | 0 | | 19.16 | 19.22 | 19.26 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15 | 1 | 0 | QPSK | 23.76 | 23.92 | 24.05 | 25.95 | 0.3936 |
| 15 | 1 | 37 | | 23.34 | 24.02 | 23.99 | | |
| 15 | 1 | 74 | | 23.52 | 23.90 | 23.85 | | |
| 15 | 36 | 0 | | 22.69 | 23.13 | 23.11 | | |
| 15 | 36 | 20 | | 22.49 | 23.14 | 23.07 | | |
| 15 | 36 | 39 | | 22.48 | 23.05 | 22.88 | | |
| 15 | 75 | 0 | | 22.58 | 23.09 | 23.02 | | |
| 15 | 1 | 0 | 16-QAM | 23.08 | 23.24 | 23.41 | 25.31 | 0.3396 |
| 15 | 1 | 37 | | 22.66 | 23.32 | 23.32 | | |
| 15 | 1 | 74 | | 22.85 | 23.36 | 23.14 | | |
| 15 | 36 | 0 | | 21.74 | 22.16 | 22.12 | | |
| 15 | 36 | 20 | | 21.56 | 22.15 | 22.06 | | |
| 15 | 36 | 39 | | 21.55 | 22.06 | 21.93 | | |
| 15 | 75 | 0 | | 21.65 | 22.11 | 22.07 | | |
| 15 | 1 | 0 | 64-QAM | 22.19 | 22.31 | 22.30 | 24.26 | 0.2667 |
| 15 | 1 | 37 | | 21.68 | 22.36 | 22.22 | | |
| 15 | 1 | 74 | | 21.86 | 22.16 | 22.10 | | |
| 15 | 36 | 0 | | 20.80 | 21.16 | 21.10 | | |
| 15 | 36 | 20 | | 20.60 | 21.14 | 21.09 | | |
| 15 | 36 | 39 | | 20.59 | 21.08 | 20.91 | | |
| 15 | 75 | 0 | | 20.70 | 21.11 | 21.05 | | |
| 15 | 1 | 0 | 256-QAM | 19.22 | 19.23 | 19.21 | 21.13 | 0.1297 |
| 15 | 1 | 37 | | 19.12 | 19.16 | 19.23 | | |
| 15 | 1 | 74 | | 19.18 | 19.19 | 19.21 | | |
| 15 | 36 | 0 | | 19.11 | 19.11 | 19.12 | | |
| 15 | 36 | 20 | | 19.07 | 19.02 | 19.05 | | |
| 15 | 36 | 39 | | 18.98 | 19.09 | 19.14 | | |
| 15 | 75 | 0 | | 19.06 | 19.22 | 19.19 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10 | 1 | 0 | QPSK | 23.87 | 24.12 | 24.09 | 26.05 | 0.4027 |
| 10 | 1 | 25 | | 23.48 | 24.15 | 24.04 | | |
| 10 | 1 | 49 | | 23.56 | 24.04 | 23.96 | | |
| 10 | 25 | 0 | | 22.83 | 23.23 | 23.19 | | |
| 10 | 25 | 12 | | 22.69 | 23.22 | 23.15 | | |
| 10 | 25 | 25 | | 22.66 | 23.17 | 23.03 | | |
| 10 | 50 | 0 | | 22.74 | 23.21 | 23.13 | | |
| 10 | 1 | 0 | 16-QAM | 23.15 | 23.48 | 23.50 | 25.40 | 0.3467 |
| 10 | 1 | 25 | | 22.80 | 23.41 | 23.50 | | |
| 10 | 1 | 49 | | 22.92 | 23.47 | 23.36 | | |
| 10 | 25 | 0 | | 21.90 | 22.25 | 22.19 | | |
| 10 | 25 | 12 | | 21.75 | 22.24 | 22.19 | | |
| 10 | 25 | 25 | | 21.75 | 22.19 | 22.06 | | |
| 10 | 50 | 0 | | 21.81 | 22.21 | 22.16 | | |
| 10 | 1 | 0 | 64-QAM | 22.22 | 22.47 | 22.40 | 24.39 | 0.2748 |
| 10 | 1 | 25 | | 21.86 | 22.49 | 22.40 | | |
| 10 | 1 | 49 | | 21.90 | 22.43 | 22.25 | | |
| 10 | 25 | 0 | | 20.96 | 21.25 | 21.19 | | |
| 10 | 25 | 12 | | 20.81 | 21.23 | 21.19 | | |
| 10 | 25 | 25 | | 20.77 | 21.19 | 21.03 | | |
| 10 | 50 | 0 | | 20.87 | 21.20 | 21.16 | | |
| 10 | 1 | 0 | 256-QAM | 19.24 | 19.21 | 19.27 | 21.17 | 0.1309 |
| 10 | 1 | 25 | | 19.15 | 19.17 | 19.18 | | |
| 10 | 1 | 49 | | 19.19 | 19.19 | 19.20 | | |
| 10 | 25 | 0 | | 19.13 | 19.14 | 19.18 | | |
| 10 | 25 | 12 | | 19.06 | 19.03 | 19.03 | | |
| 10 | 25 | 25 | | 19.06 | 19.05 | 19.10 | | |
| 10 | 50 | 0 | | 19.10 | 19.16 | 19.22 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5 | 1 | 0 | QPSK | 23.93 | 24.21 | 24.16 | 26.11 | 0.4083 |
| 5 | 1 | 12 | | 23.71 | 24.20 | 24.16 | | |
| 5 | 1 | 24 | | 23.72 | 24.21 | 24.07 | | |
| 5 | 12 | 0 | | 23.00 | 23.24 | 23.19 | | |
| 5 | 12 | 7 | | 22.90 | 23.25 | 23.16 | | |
| 5 | 12 | 13 | | 22.86 | 23.22 | 23.15 | | |
| 5 | 25 | 0 | | 22.92 | 23.23 | 23.17 | | |
| 5 | 1 | 0 | 16-QAM | 23.22 | 23.44 | 23.44 | 25.39 | 0.3459 |
| 5 | 1 | 12 | | 23.01 | 23.46 | 23.49 | | |
| 5 | 1 | 24 | | 23.05 | 23.40 | 23.46 | | |
| 5 | 12 | 0 | | 22.08 | 22.31 | 22.23 | | |
| 5 | 12 | 7 | | 21.98 | 22.30 | 22.25 | | |
| 5 | 12 | 13 | | 21.94 | 22.28 | 22.21 | | |
| 5 | 25 | 0 | | 21.99 | 22.28 | 22.18 | | |
| 5 | 1 | 0 | 64-QAM | 22.28 | 22.40 | 22.39 | 24.40 | 0.2754 |
| 5 | 1 | 12 | | 22.07 | 22.46 | 22.38 | | |
| 5 | 1 | 24 | | 22.06 | 22.50 | 22.33 | | |
| 5 | 12 | 0 | | 21.15 | 21.28 | 21.23 | | |
| 5 | 12 | 7 | | 21.05 | 21.29 | 21.19 | | |
| 5 | 12 | 13 | | 21.01 | 21.25 | 21.18 | | |
| 5 | 25 | 0 | | 21.05 | 21.25 | 21.18 | | |
| 5 | 1 | 0 | 256-QAM | 19.17 | 19.22 | 19.21 | 21.18 | 0.1312 |
| 5 | 1 | 12 | | 19.15 | 19.20 | 19.28 | | |
| 5 | 1 | 24 | | 19.11 | 19.19 | 19.15 | | |
| 5 | 12 | 0 | | 19.16 | 19.12 | 19.17 | | |
| 5 | 12 | 7 | | 19.00 | 19.09 | 19.08 | | |
| 5 | 12 | 13 | | 19.04 | 19.03 | 19.12 | | |
| 5 | 25 | 0 | | 19.09 | 19.19 | 19.18 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3 | 1 | 0 | QPSK | 23.67 | 24.19 | 23.95 | 26.11 | 0.4083 |
| 3 | 1 | 8 | | 23.62 | 24.21 | 23.98 | | |
| 3 | 1 | 14 | | 23.54 | 24.12 | 23.95 | | |
| 3 | 8 | 0 | | 22.74 | 23.08 | 23.10 | | |
| 3 | 8 | 4 | | 22.72 | 23.20 | 23.10 | | |
| 3 | 8 | 7 | | 22.67 | 23.13 | 23.08 | | |
| 3 | 15 | 0 | | 22.74 | 23.18 | 23.08 | | |
| 3 | 1 | 0 | 16-QAM | 23.14 | 23.17 | 22.71 | 25.38 | 0.3451 |
| 3 | 1 | 8 | | 23.05 | 23.45 | 23.07 | | |
| 3 | 1 | 14 | | 22.98 | 23.16 | 23.48 | | |
| 3 | 8 | 0 | | 21.89 | 22.31 | 22.11 | | |
| 3 | 8 | 4 | | 21.80 | 22.30 | 22.12 | | |
| 3 | 8 | 7 | | 21.77 | 22.10 | 22.04 | | |
| 3 | 15 | 0 | | 21.80 | 22.05 | 22.06 | | |
| 3 | 1 | 0 | 64-QAM | 22.02 | 22.44 | 22.01 | 24.34 | 0.2716 |
| 3 | 1 | 8 | | 22.11 | 21.89 | 22.05 | | |
| 3 | 1 | 14 | | 21.94 | 21.88 | 21.94 | | |
| 3 | 8 | 0 | | 21.00 | 21.09 | 21.18 | | |
| 3 | 8 | 4 | | 20.86 | 21.20 | 21.10 | | |
| 3 | 8 | 7 | | 20.85 | 21.18 | 21.08 | | |
| 3 | 15 | 0 | | 20.87 | 21.14 | 21.02 | | |
| 3 | 1 | 0 | 256-QAM | 19.16 | 19.21 | 19.26 | 21.16 | 0.1306 |
| 3 | 1 | 8 | | 19.22 | 19.17 | 19.21 | | |
| 3 | 1 | 14 | | 19.13 | 19.14 | 19.18 | | |
| 3 | 8 | 0 | | 19.10 | 19.19 | 19.17 | | |
| 3 | 8 | 4 | | 19.03 | 19.05 | 19.06 | | |
| 3 | 8 | 7 | | 19.05 | 19.05 | 19.12 | | |
| 3 | 15 | 0 | | 19.11 | 19.20 | 19.23 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4 | 1 | 0 | QPSK | 23.29 | 23.95 | 23.76 | 25.85 | 0.3846 |
| 1.4 | 1 | 3 | | 23.21 | 23.82 | 23.75 | | |
| 1.4 | 1 | 5 | | 23.16 | 23.94 | 23.74 | | |
| 1.4 | 3 | 0 | | 23.25 | 23.91 | 23.72 | | |
| 1.4 | 3 | 1 | | 23.19 | 23.90 | 23.72 | | |
| 1.4 | 3 | 3 | | 23.17 | 23.89 | 23.72 | | |
| 1.4 | 6 | 0 | | 22.35 | 23.06 | 22.79 | | |
| 1.4 | 1 | 0 | 16-QAM | 22.43 | 23.28 | 23.29 | 25.36 | 0.3436 |
| 1.4 | 1 | 3 | | 22.24 | 23.25 | 23.09 | | |
| 1.4 | 1 | 5 | | 22.52 | 23.46 | 22.96 | | |
| 1.4 | 3 | 0 | | 22.47 | 23.14 | 22.95 | | |
| 1.4 | 3 | 1 | | 22.32 | 23.00 | 22.79 | | |
| 1.4 | 3 | 3 | | 22.29 | 22.98 | 22.80 | | |
| 1.4 | 6 | 0 | | 21.48 | 22.15 | 22.01 | | |
| 1.4 | 1 | 0 | 64-QAM | 21.36 | 22.50 | 22.16 | 24.40 | 0.2754 |
| 1.4 | 1 | 3 | | 21.26 | 22.35 | 21.86 | | |
| 1.4 | 1 | 5 | | 21.58 | 22.45 | 22.05 | | |
| 1.4 | 3 | 0 | | 21.42 | 22.12 | 22.09 | | |
| 1.4 | 3 | 1 | | 21.54 | 22.23 | 22.16 | | |
| 1.4 | 3 | 3 | | 21.45 | 22.30 | 21.96 | | |
| 1.4 | 6 | 0 | | 20.56 | 21.21 | 21.08 | | |
| 1.4 | 1 | 0 | 256-QAM | 19.30 | 19.29 | 19.17 | 21.28 | 0.1343 |
| 1.4 | 1 | 3 | | 19.19 | 19.32 | 19.24 | | |
| 1.4 | 1 | 5 | | 19.11 | 19.26 | 19.24 | | |
| 1.4 | 3 | 0 | | 19.16 | 19.20 | 19.12 | | |
| 1.4 | 3 | 1 | | 19.09 | 19.33 | 19.02 | | |
| 1.4 | 3 | 3 | | 18.98 | 19.38 | 19.09 | | |
| 1.4 | 6 | 0 | | 19.07 | 19.31 | 19.26 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10 | 1 | 0 | QPSK | 23.76 | 23.83 | 23.73 | 22.48 | 0.1770 |
| 10 | 1 | 25 | | 23.74 | 23.76 | 23.73 | | |
| 10 | 1 | 49 | | 23.71 | 23.70 | 23.62 | | |
| 10 | 25 | 0 | | 22.78 | 22.82 | 22.79 | | |
| 10 | 25 | 12 | | 22.85 | 22.83 | 22.86 | | |
| 10 | 25 | 25 | | 22.83 | 22.86 | 22.82 | | |
| 10 | 50 | 0 | | 22.86 | 22.82 | 22.85 | | |
| 10 | 1 | 0 | 16-QAM | 22.91 | 22.94 | 22.82 | 21.59 | 0.1442 |
| 10 | 1 | 25 | | 22.80 | 22.84 | 22.71 | | |
| 10 | 1 | 49 | | 22.78 | 22.83 | 22.74 | | |
| 10 | 25 | 0 | | 21.82 | 21.85 | 21.81 | | |
| 10 | 25 | 12 | | 21.88 | 21.87 | 21.87 | | |
| 10 | 25 | 25 | | 21.84 | 21.88 | 21.84 | | |
| 10 | 50 | 0 | | 21.86 | 21.82 | 21.86 | | |
| 10 | 1 | 0 | 64-QAM | 21.70 | 21.77 | 21.70 | 20.42 | 0.1102 |
| 10 | 1 | 25 | | 21.72 | 21.66 | 21.69 | | |
| 10 | 1 | 49 | | 21.66 | 21.60 | 21.56 | | |
| 10 | 25 | 0 | | 20.79 | 20.84 | 20.80 | | |
| 10 | 25 | 12 | | 20.87 | 20.86 | 20.86 | | |
| 10 | 25 | 25 | | 20.85 | 20.87 | 20.81 | | |
| 10 | 50 | 0 | | 20.85 | 20.81 | 20.85 | | |
| 10 | 1 | 0 | 256-QAM | 18.92 | 18.87 | 18.89 | 17.64 | 0.0581 |
| 10 | 1 | 25 | | 18.90 | 18.92 | 18.99 | | |
| 10 | 1 | 49 | | 18.87 | 18.88 | 18.83 | | |
| 10 | 25 | 0 | | 18.94 | 18.97 | 18.97 | | |
| 10 | 25 | 12 | | 18.78 | 18.82 | 18.96 | | |
| 10 | 25 | 25 | | 18.93 | 18.95 | 18.92 | | |
| 10 | 50 | 0 | | 18.94 | 18.83 | 18.99 | | |
| Limit | ERP < 7W | | | Result | | | Pass | |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5 | 1 | 0 | QPSK | 23.75 | 23.77 | 23.69 | 22.44 | 0.1754 |
| 5 | 1 | 12 | | 23.79 | 23.75 | 23.75 | | |
| 5 | 1 | 24 | | 23.79 | 23.78 | 23.67 | | |
| 5 | 12 | 0 | | 22.79 | 22.82 | 22.75 | | |
| 5 | 12 | 7 | | 22.87 | 22.90 | 22.83 | | |
| 5 | 12 | 13 | | 22.84 | 22.88 | 22.82 | | |
| 5 | 25 | 0 | | 22.84 | 22.80 | 22.73 | | |
| 5 | 1 | 0 | 16-QAM | 22.85 | 22.88 | 22.77 | 21.65 | 0.1462 |
| 5 | 1 | 12 | | 23.00 | 22.96 | 22.93 | | |
| 5 | 1 | 24 | | 22.85 | 22.86 | 22.70 | | |
| 5 | 12 | 0 | | 21.83 | 21.86 | 21.81 | | |
| 5 | 12 | 7 | | 21.88 | 21.93 | 21.89 | | |
| 5 | 12 | 13 | | 21.89 | 21.91 | 21.85 | | |
| 5 | 25 | 0 | | 21.86 | 21.80 | 21.78 | | |
| 5 | 1 | 0 | 64-QAM | 21.93 | 21.89 | 21.77 | 20.58 | 0.1143 |
| 5 | 1 | 12 | | 21.89 | 21.86 | 21.85 | | |
| 5 | 1 | 24 | | 21.93 | 21.82 | 21.72 | | |
| 5 | 12 | 0 | | 20.83 | 20.84 | 20.80 | | |
| 5 | 12 | 7 | | 20.90 | 20.90 | 20.89 | | |
| 5 | 12 | 13 | | 20.89 | 20.90 | 20.83 | | |
| 5 | 25 | 0 | | 20.87 | 20.81 | 20.75 | | |
| 5 | 1 | 0 | 256-QAM | 18.90 | 18.69 | 18.87 | 17.58 | 0.0573 |
| 5 | 1 | 12 | | 18.93 | 18.74 | 18.87 | | |
| 5 | 1 | 24 | | 18.85 | 18.70 | 18.87 | | |
| 5 | 12 | 0 | | 18.77 | 18.75 | 18.73 | | |
| 5 | 12 | 7 | | 18.88 | 18.76 | 18.82 | | |
| 5 | 12 | 13 | | 18.82 | 18.70 | 18.76 | | |
| 5 | 25 | 0 | | 18.80 | 18.75 | 18.68 | | |
| Limit | ERP < 7W | | | Result | | | Pass | |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3 | 1 | 0 | QPSK | 23.72 | 23.71 | 23.63 | 22.44 | 0.1754 |
| 3 | 1 | 8 | | 23.79 | 23.77 | 23.72 | | |
| 3 | 1 | 14 | | 23.73 | 23.72 | 23.61 | | |
| 3 | 8 | 0 | | 22.83 | 22.79 | 22.72 | | |
| 3 | 8 | 4 | | 22.85 | 22.88 | 22.79 | | |
| 3 | 8 | 7 | | 22.81 | 22.84 | 22.77 | | |
| 3 | 15 | 0 | | 22.79 | 22.76 | 22.76 | | |
| 3 | 1 | 0 | 16-QAM | 22.88 | 22.92 | 22.84 | 21.62 | 0.1452 |
| 3 | 1 | 8 | | 22.97 | 22.96 | 22.92 | | |
| 3 | 1 | 14 | | 22.86 | 22.90 | 22.81 | | |
| 3 | 8 | 0 | | 21.92 | 21.89 | 21.81 | | |
| 3 | 8 | 4 | | 21.93 | 21.98 | 21.87 | | |
| 3 | 8 | 7 | | 21.89 | 21.95 | 21.86 | | |
| 3 | 15 | 0 | | 21.84 | 21.79 | 21.81 | | |
| 3 | 1 | 0 | 64-QAM | 21.97 | 21.94 | 21.92 | 20.65 | 0.1161 |
| 3 | 1 | 8 | | 21.94 | 21.97 | 21.95 | | |
| 3 | 1 | 14 | | 22.00 | 21.93 | 21.92 | | |
| 3 | 8 | 0 | | 20.85 | 20.82 | 20.75 | | |
| 3 | 8 | 4 | | 20.90 | 20.92 | 20.85 | | |
| 3 | 8 | 7 | | 20.84 | 20.90 | 20.81 | | |
| 3 | 15 | 0 | | 20.82 | 20.77 | 20.81 | | |
| 3 | 1 | 0 | 256-QAM | 18.80 | 18.83 | 18.79 | 17.56 | 0.0570 |
| 3 | 1 | 8 | | 18.91 | 18.89 | 18.87 | | |
| 3 | 1 | 14 | | 18.86 | 18.84 | 18.82 | | |
| 3 | 8 | 0 | | 18.81 | 18.71 | 18.71 | | |
| 3 | 8 | 4 | | 18.82 | 18.85 | 18.74 | | |
| 3 | 8 | 7 | | 18.80 | 18.79 | 18.75 | | |
| 3 | 15 | 0 | | 18.79 | 18.73 | 18.79 | | |
| Limit | ERP < 7W | | | Result | | | Pass | |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4 | 1 | 0 | QPSK | 23.77 | 23.72 | 23.67 | 22.47 | 0.1766 |
| 1.4 | 1 | 3 | | 23.79 | 23.77 | 23.71 | | |
| 1.4 | 1 | 5 | | 23.76 | 23.74 | 23.66 | | |
| 1.4 | 3 | 0 | | 23.82 | 23.78 | 23.73 | | |
| 1.4 | 3 | 1 | | 23.82 | 23.81 | 23.73 | | |
| 1.4 | 3 | 3 | | 23.82 | 23.80 | 23.72 | | |
| 1.4 | 6 | 0 | | 22.79 | 22.84 | 22.76 | | |
| 1.4 | 1 | 0 | 16-QAM | 23.00 | 22.85 | 22.87 | 21.65 | 0.1462 |
| 1.4 | 1 | 3 | | 23.00 | 22.91 | 22.88 | | |
| 1.4 | 1 | 5 | | 22.98 | 22.97 | 22.91 | | |
| 1.4 | 3 | 0 | | 23.00 | 22.93 | 22.91 | | |
| 1.4 | 3 | 1 | | 22.98 | 22.97 | 22.89 | | |
| 1.4 | 3 | 3 | | 23.00 | 22.96 | 22.87 | | |
| 1.4 | 6 | 0 | | 21.86 | 21.89 | 21.83 | | |
| 1.4 | 1 | 0 | 64-QAM | 21.99 | 21.95 | 21.95 | 20.65 | 0.1161 |
| 1.4 | 1 | 3 | | 21.99 | 21.98 | 21.95 | | |
| 1.4 | 1 | 5 | | 21.98 | 22.00 | 21.92 | | |
| 1.4 | 3 | 0 | | 21.96 | 21.91 | 21.83 | | |
| 1.4 | 3 | 1 | | 21.93 | 21.93 | 21.88 | | |
| 1.4 | 3 | 3 | | 21.94 | 21.93 | 21.86 | | |
| 1.4 | 6 | 0 | | 20.83 | 20.87 | 20.81 | | |
| 1.4 | 1 | 0 | 256-QAM | 18.79 | 18.80 | 18.84 | 17.54 | 0.0568 |
| 1.4 | 1 | 3 | | 18.86 | 18.89 | 18.79 | | |
| 1.4 | 1 | 5 | | 18.74 | 18.82 | 18.80 | | |
| 1.4 | 3 | 0 | | 18.76 | 18.76 | 18.77 | | |
| 1.4 | 3 | 1 | | 18.81 | 18.82 | 18.74 | | |
| 1.4 | 3 | 3 | | 18.78 | 18.76 | 18.75 | | |
| 1.4 | 6 | 0 | | 18.78 | 18.78 | 18.71 | | |
| Limit | ERP < 7W | | | Result | | | Pass | |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20 | 1 | 0 | QPSK | 22.81 | 23.69 | 23.45 | 24.29 | 0.2685 |
| 20 | 1 | 49 | | 23.68 | 23.63 | 23.56 | | |
| 20 | 1 | 99 | | 23.67 | 23.66 | 23.57 | | |
| 20 | 50 | 0 | | 22.75 | 22.67 | 22.61 | | |
| 20 | 50 | 24 | | 22.70 | 22.64 | 22.65 | | |
| 20 | 50 | 50 | | 22.70 | 22.66 | 22.59 | | |
| 20 | 100 | 0 | | 22.70 | 22.63 | 22.67 | | |
| 20 | 1 | 0 | 16-QAM | 22.15 | 22.81 | 22.77 | 23.60 | 0.2291 |
| 20 | 1 | 49 | | 22.99 | 22.95 | 22.87 | | |
| 20 | 1 | 99 | | 23.00 | 22.98 | 22.88 | | |
| 20 | 50 | 0 | | 21.74 | 21.68 | 21.64 | | |
| 20 | 50 | 24 | | 21.71 | 21.65 | 21.68 | | |
| 20 | 50 | 50 | | 21.72 | 21.66 | 21.62 | | |
| 20 | 100 | 0 | | 21.71 | 21.65 | 21.68 | | |
| 20 | 1 | 0 | 64-QAM | 21.15 | 21.72 | 21.70 | 22.54 | 0.1795 |
| 20 | 1 | 49 | | 21.94 | 21.85 | 21.78 | | |
| 20 | 1 | 99 | | 21.91 | 21.85 | 21.83 | | |
| 20 | 50 | 0 | | 20.75 | 20.68 | 20.64 | | |
| 20 | 50 | 24 | | 20.72 | 20.65 | 20.68 | | |
| 20 | 50 | 50 | | 20.71 | 20.66 | 20.60 | | |
| 20 | 100 | 0 | | 20.71 | 20.63 | 20.67 | | |
| 20 | 1 | 0 | 256-QAM | 18.89 | 18.75 | 18.70 | 19.49 | 0.0889 |
| 20 | 1 | 49 | | 18.89 | 18.62 | 18.63 | | |
| 20 | 1 | 99 | | 18.81 | 18.79 | 18.31 | | |
| 20 | 50 | 0 | | 18.76 | 18.62 | 18.40 | | |
| 20 | 50 | 24 | | 18.85 | 18.57 | 18.46 | | |
| 20 | 50 | 50 | | 18.79 | 18.60 | 18.50 | | |
| 20 | 100 | 0 | | 18.70 | 18.60 | 18.50 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15 | 1 | 0 | QPSK | 23.52 | 23.41 | 23.37 | 24.21 | 0.2636 |
| 15 | 1 | 37 | | 23.61 | 23.54 | 23.46 | | |
| 15 | 1 | 74 | | 23.57 | 23.54 | 23.45 | | |
| 15 | 36 | 0 | | 22.65 | 22.59 | 22.55 | | |
| 15 | 36 | 20 | | 22.71 | 22.55 | 22.56 | | |
| 15 | 36 | 39 | | 22.61 | 22.57 | 22.48 | | |
| 15 | 75 | 0 | | 22.68 | 22.54 | 22.56 | | |
| 15 | 1 | 0 | 16-QAM | 22.82 | 22.77 | 22.77 | 23.54 | 0.2259 |
| 15 | 1 | 37 | | 22.94 | 22.85 | 22.79 | | |
| 15 | 1 | 74 | | 22.92 | 22.89 | 22.80 | | |
| 15 | 36 | 0 | | 21.68 | 21.59 | 21.56 | | |
| 15 | 36 | 20 | | 21.68 | 21.57 | 21.60 | | |
| 15 | 36 | 39 | | 21.61 | 21.58 | 21.51 | | |
| 15 | 75 | 0 | | 21.71 | 21.56 | 21.59 | | |
| 15 | 1 | 0 | 64-QAM | 21.77 | 21.65 | 21.61 | 22.44 | 0.1754 |
| 15 | 1 | 37 | | 21.84 | 21.80 | 21.71 | | |
| 15 | 1 | 74 | | 21.80 | 21.73 | 21.69 | | |
| 15 | 36 | 0 | | 20.65 | 20.58 | 20.55 | | |
| 15 | 36 | 20 | | 20.72 | 20.56 | 20.60 | | |
| 15 | 36 | 39 | | 20.63 | 20.57 | 20.50 | | |
| 15 | 75 | 0 | | 20.69 | 20.55 | 20.59 | | |
| 15 | 1 | 0 | 256-QAM | 18.88 | 18.70 | 18.70 | 19.49 | 0.0889 |
| 15 | 1 | 37 | | 18.89 | 18.58 | 18.59 | | |
| 15 | 1 | 74 | | 18.77 | 18.74 | 18.31 | | |
| 15 | 36 | 0 | | 18.81 | 18.68 | 18.38 | | |
| 15 | 36 | 20 | | 18.83 | 18.59 | 18.51 | | |
| 15 | 36 | 39 | | 18.70 | 18.67 | 18.44 | | |
| 15 | 75 | 0 | | 18.71 | 18.55 | 18.55 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10 | 1 | 0 | QPSK | 23.60 | 23.61 | 23.54 | 24.27 | 0.2673 |
| 10 | 1 | 25 | | 23.67 | 23.62 | 23.64 | | |
| 10 | 1 | 49 | | 23.62 | 23.61 | 23.65 | | |
| 10 | 25 | 0 | | 22.80 | 22.73 | 22.67 | | |
| 10 | 25 | 12 | | 22.84 | 22.69 | 22.71 | | |
| 10 | 25 | 25 | | 22.74 | 22.67 | 22.63 | | |
| 10 | 50 | 0 | | 22.81 | 22.67 | 22.69 | | |
| 10 | 1 | 0 | 16-QAM | 22.85 | 22.72 | 22.63 | 23.49 | 0.2234 |
| 10 | 1 | 25 | | 22.85 | 22.79 | 22.74 | | |
| 10 | 1 | 49 | | 22.85 | 22.89 | 22.78 | | |
| 10 | 25 | 0 | | 21.83 | 21.74 | 21.68 | | |
| 10 | 25 | 12 | | 21.86 | 21.72 | 21.72 | | |
| 10 | 25 | 25 | | 21.78 | 21.71 | 21.65 | | |
| 10 | 50 | 0 | | 21.83 | 21.67 | 21.68 | | |
| 10 | 1 | 0 | 64-QAM | 21.68 | 21.56 | 21.55 | 22.37 | 0.1726 |
| 10 | 1 | 25 | | 21.69 | 21.63 | 21.65 | | |
| 10 | 1 | 49 | | 21.77 | 21.62 | 21.65 | | |
| 10 | 25 | 0 | | 20.80 | 20.74 | 20.67 | | |
| 10 | 25 | 12 | | 20.84 | 20.69 | 20.72 | | |
| 10 | 25 | 25 | | 20.78 | 20.70 | 20.64 | | |
| 10 | 50 | 0 | | 20.82 | 20.67 | 20.69 | | |
| 10 | 1 | 0 | 256-QAM | 18.91 | 18.72 | 18.56 | 19.60 | 0.0912 |
| 10 | 1 | 25 | | 19.00 | 18.71 | 18.59 | | |
| 10 | 1 | 49 | | 18.83 | 18.56 | 18.43 | | |
| 10 | 25 | 0 | | 18.82 | 18.57 | 18.46 | | |
| 10 | 25 | 12 | | 18.87 | 18.52 | 18.50 | | |
| 10 | 25 | 25 | | 18.79 | 18.45 | 18.44 | | |
| 10 | 50 | 0 | | 18.89 | 18.49 | 18.47 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.6 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5 | 1 | 0 | QPSK | 23.63 | 23.67 | 23.57 | 24.27 | 0.2673 |
| 5 | 1 | 12 | | 23.65 | 23.65 | 23.64 | | |
| 5 | 1 | 24 | | 23.64 | 23.61 | 23.64 | | |
| 5 | 12 | 0 | | 22.74 | 22.70 | 22.63 | | |
| 5 | 12 | 7 | | 22.76 | 22.70 | 22.71 | | |
| 5 | 12 | 13 | | 22.78 | 22.72 | 22.74 | | |
| 5 | 25 | 0 | | 22.73 | 22.66 | 22.67 | | |
| 5 | 1 | 0 | 16-QAM | 22.86 | 22.80 | 22.73 | 23.49 | 0.2234 |
| 5 | 1 | 12 | | 22.89 | 22.76 | 22.76 | | |
| 5 | 1 | 24 | | 22.83 | 22.80 | 22.76 | | |
| 5 | 12 | 0 | | 21.81 | 21.74 | 21.66 | | |
| 5 | 12 | 7 | | 21.82 | 21.74 | 21.77 | | |
| 5 | 12 | 13 | | 21.83 | 21.75 | 21.79 | | |
| 5 | 25 | 0 | | 21.74 | 21.67 | 21.69 | | |
| 5 | 1 | 0 | 64-QAM | 21.68 | 21.62 | 21.61 | 22.38 | 0.1730 |
| 5 | 1 | 12 | | 21.78 | 21.68 | 21.66 | | |
| 5 | 1 | 24 | | 21.71 | 21.73 | 21.59 | | |
| 5 | 12 | 0 | | 20.79 | 20.72 | 20.65 | | |
| 5 | 12 | 7 | | 20.79 | 20.75 | 20.75 | | |
| 5 | 12 | 13 | | 20.81 | 20.72 | 20.77 | | |
| 5 | 25 | 0 | | 20.74 | 20.69 | 20.68 | | |
| 5 | 1 | 0 | 256-QAM | 18.84 | 18.67 | 18.45 | 19.55 | 0.0902 |
| 5 | 1 | 12 | | 18.95 | 18.77 | 18.61 | | |
| 5 | 1 | 24 | | 18.92 | 18.57 | 18.37 | | |
| 5 | 12 | 0 | | 18.87 | 18.56 | 18.43 | | |
| 5 | 12 | 7 | | 18.81 | 18.55 | 18.52 | | |
| 5 | 12 | 13 | | 18.83 | 18.55 | 18.49 | | |
| 5 | 25 | 0 | | 18.79 | 18.51 | 18.45 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10 | 1 | 0 | QPSK | 23.51 | 23.53 | 23.86 | 21.61 | 0.1449 |
| 10 | 1 | 25 | | 23.68 | 23.58 | 23.52 | | |
| 10 | 1 | 49 | | 23.61 | 23.52 | 23.44 | | |
| 10 | 25 | 0 | | 22.60 | 22.62 | 22.63 | | |
| 10 | 25 | 12 | | 22.70 | 22.63 | 22.64 | | |
| 10 | 25 | 25 | | 22.68 | 22.58 | 22.50 | | |
| 10 | 50 | 0 | | 22.67 | 22.59 | 22.60 | | |
| 10 | 1 | 0 | 16-QAM | 22.92 | 22.95 | 22.98 | 20.75 | 0.1189 |
| 10 | 1 | 25 | | 22.91 | 23.00 | 22.90 | | |
| 10 | 1 | 49 | | 23.00 | 22.97 | 22.85 | | |
| 10 | 25 | 0 | | 21.62 | 21.63 | 21.64 | | |
| 10 | 25 | 12 | | 21.71 | 21.65 | 21.66 | | |
| 10 | 25 | 25 | | 21.68 | 21.59 | 21.54 | | |
| 10 | 50 | 0 | | 21.69 | 21.59 | 21.61 | | |
| 10 | 1 | 0 | 64-QAM | 21.82 | 21.81 | 21.76 | 19.65 | 0.0923 |
| 10 | 1 | 25 | | 21.82 | 21.90 | 21.75 | | |
| 10 | 1 | 49 | | 21.87 | 21.79 | 21.70 | | |
| 10 | 25 | 0 | | 20.59 | 20.62 | 20.63 | | |
| 10 | 25 | 12 | | 20.71 | 20.63 | 20.64 | | |
| 10 | 25 | 25 | | 20.66 | 20.59 | 20.50 | | |
| 10 | 50 | 0 | | 20.68 | 20.58 | 20.61 | | |
| 10 | 1 | 0 | 256-QAM | 18.85 | 18.78 | 18.81 | 16.61 | 0.0458 |
| 10 | 1 | 25 | | 18.76 | 18.86 | 18.78 | | |
| 10 | 1 | 49 | | 18.80 | 18.75 | 18.76 | | |
| 10 | 25 | 0 | | 18.72 | 18.77 | 18.73 | | |
| 10 | 25 | 12 | | 18.76 | 18.84 | 18.69 | | |
| 10 | 25 | 25 | | 18.69 | 18.75 | 18.68 | | |
| 10 | 50 | 0 | | 18.73 | 18.77 | 18.74 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5 | 1 | 0 | QPSK | 23.58 | 23.60 | 23.52 | 21.42 | 0.1387 |
| 5 | 1 | 12 | | 23.67 | 23.65 | 23.59 | | |
| 5 | 1 | 24 | | 23.62 | 23.58 | 23.43 | | |
| 5 | 12 | 0 | | 22.61 | 22.61 | 22.56 | | |
| 5 | 12 | 7 | | 22.68 | 22.62 | 22.59 | | |
| 5 | 12 | 13 | | 22.66 | 22.58 | 22.51 | | |
| 5 | 25 | 0 | | 22.67 | 22.59 | 22.54 | | |
| 5 | 1 | 0 | 16-QAM | 22.93 | 22.95 | 22.89 | 20.75 | 0.1189 |
| 5 | 1 | 12 | | 23.00 | 22.94 | 22.96 | | |
| 5 | 1 | 24 | | 22.98 | 22.95 | 22.80 | | |
| 5 | 12 | 0 | | 21.66 | 21.66 | 21.64 | | |
| 5 | 12 | 7 | | 21.73 | 21.66 | 21.61 | | |
| 5 | 12 | 13 | | 21.71 | 21.62 | 21.58 | | |
| 5 | 25 | 0 | | 21.69 | 21.61 | 21.57 | | |
| 5 | 1 | 0 | 64-QAM | 21.84 | 21.85 | 21.67 | 19.69 | 0.0931 |
| 5 | 1 | 12 | | 21.91 | 21.94 | 21.82 | | |
| 5 | 1 | 24 | | 21.86 | 21.84 | 21.69 | | |
| 5 | 12 | 0 | | 20.64 | 20.63 | 20.60 | | |
| 5 | 12 | 7 | | 20.73 | 20.65 | 20.62 | | |
| 5 | 12 | 13 | | 20.67 | 20.61 | 20.56 | | |
| 5 | 25 | 0 | | 20.68 | 20.61 | 20.54 | | |
| 5 | 1 | 0 | 256-QAM | 18.77 | 18.81 | 18.81 | 16.61 | 0.0458 |
| 5 | 1 | 12 | | 18.82 | 18.86 | 18.72 | | |
| 5 | 1 | 24 | | 18.73 | 18.72 | 18.74 | | |
| 5 | 12 | 0 | | 18.69 | 18.81 | 18.74 | | |
| 5 | 12 | 7 | | 18.79 | 18.83 | 18.62 | | |
| 5 | 12 | 13 | | 18.66 | 18.73 | 18.77 | | |
| 5 | 25 | 0 | | 18.70 | 18.78 | 18.72 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3 | 1 | 0 | QPSK | 23.43 | 23.64 | 23.32 | 21.39 | 0.1377 |
| 3 | 1 | 8 | | 23.59 | 23.52 | 23.47 | | |
| 3 | 1 | 14 | | 23.29 | 23.33 | 23.28 | | |
| 3 | 8 | 0 | | 22.64 | 22.57 | 22.48 | | |
| 3 | 8 | 4 | | 22.56 | 22.59 | 22.46 | | |
| 3 | 8 | 7 | | 22.59 | 22.51 | 22.46 | | |
| 3 | 15 | 0 | | 22.58 | 22.45 | 22.40 | | |
| 3 | 1 | 0 | 16-QAM | 22.84 | 22.87 | 22.38 | 20.75 | 0.1189 |
| 3 | 1 | 8 | | 22.60 | 22.88 | 22.96 | | |
| 3 | 1 | 14 | | 23.00 | 22.44 | 22.82 | | |
| 3 | 8 | 0 | | 21.73 | 21.77 | 21.56 | | |
| 3 | 8 | 4 | | 21.75 | 21.71 | 21.53 | | |
| 3 | 8 | 7 | | 21.73 | 21.63 | 21.51 | | |
| 3 | 15 | 0 | | 21.53 | 21.55 | 21.51 | | |
| 3 | 1 | 0 | 64-QAM | 21.86 | 21.58 | 21.57 | 19.65 | 0.0923 |
| 3 | 1 | 8 | | 21.90 | 21.88 | 21.57 | | |
| 3 | 1 | 14 | | 21.74 | 21.50 | 21.44 | | |
| 3 | 8 | 0 | | 20.72 | 20.63 | 20.58 | | |
| 3 | 8 | 4 | | 20.81 | 20.66 | 20.35 | | |
| 3 | 8 | 7 | | 20.45 | 20.50 | 20.43 | | |
| 3 | 15 | 0 | | 20.54 | 20.51 | 20.49 | | |
| 3 | 1 | 0 | 256-QAM | 18.80 | 18.84 | 18.84 | 16.62 | 0.0459 |
| 3 | 1 | 8 | | 18.85 | 18.87 | 18.72 | | |
| 3 | 1 | 14 | | 18.77 | 18.77 | 18.74 | | |
| 3 | 8 | 0 | | 18.69 | 18.75 | 18.71 | | |
| 3 | 8 | 4 | | 18.70 | 18.84 | 18.62 | | |
| 3 | 8 | 7 | | 18.76 | 18.79 | 18.74 | | |
| 3 | 15 | 0 | | 18.72 | 18.81 | 18.80 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4 | 1 | 0 | QPSK | 23.54 | 23.56 | 23.50 | 21.44 | 0.1393 |
| 1.4 | 1 | 3 | | 23.63 | 23.55 | 23.52 | | |
| 1.4 | 1 | 5 | | 23.41 | 23.50 | 23.43 | | |
| 1.4 | 3 | 0 | | 23.66 | 23.69 | 23.48 | | |
| 1.4 | 3 | 1 | | 23.60 | 23.62 | 23.43 | | |
| 1.4 | 3 | 3 | | 23.59 | 23.67 | 23.36 | | |
| 1.4 | 6 | 0 | | 22.59 | 22.62 | 22.47 | | |
| 1.4 | 1 | 0 | 16-QAM | 22.88 | 22.98 | 22.97 | 20.74 | 0.1186 |
| 1.4 | 1 | 3 | | 22.98 | 22.92 | 22.54 | | |
| 1.4 | 1 | 5 | | 22.99 | 22.95 | 22.91 | | |
| 1.4 | 3 | 0 | | 22.81 | 22.94 | 22.60 | | |
| 1.4 | 3 | 1 | | 22.46 | 22.69 | 22.54 | | |
| 1.4 | 3 | 3 | | 22.69 | 22.83 | 22.68 | | |
| 1.4 | 6 | 0 | | 21.73 | 21.67 | 21.47 | | |
| 1.4 | 1 | 0 | 64-QAM | 21.96 | 21.95 | 21.62 | 19.72 | 0.0938 |
| 1.4 | 1 | 3 | | 21.79 | 21.92 | 21.50 | | |
| 1.4 | 1 | 5 | | 21.60 | 21.78 | 21.66 | | |
| 1.4 | 3 | 0 | | 21.79 | 21.95 | 21.49 | | |
| 1.4 | 3 | 1 | | 21.97 | 21.79 | 21.54 | | |
| 1.4 | 3 | 3 | | 21.82 | 21.74 | 21.20 | | |
| 1.4 | 6 | 0 | | 20.76 | 20.55 | 20.49 | | |
| 1.4 | 1 | 0 | 256-QAM | 18.86 | 18.80 | 18.77 | 16.61 | 0.0458 |
| 1.4 | 1 | 3 | | 18.80 | 18.78 | 18.72 | | |
| 1.4 | 1 | 5 | | 18.78 | 18.80 | 18.75 | | |
| 1.4 | 3 | 0 | | 18.71 | 18.71 | 18.67 | | |
| 1.4 | 3 | 1 | | 18.76 | 18.83 | 18.67 | | |
| 1.4 | 3 | 3 | | 18.73 | 18.76 | 18.72 | | |
| 1.4 | 6 | 0 | | 18.78 | 18.83 | 18.74 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10 | 1 | 0 | QPSK | - | 23.70 | - | 21.45 | 0.1396 |
| 10 | 1 | 25 | | | 23.68 | | | |
| 10 | 1 | 49 | | | 23.67 | | | |
| 10 | 25 | 0 | | | 22.71 | | | |
| 10 | 25 | 12 | | | 22.70 | | | |
| 10 | 25 | 25 | | | 22.75 | | | |
| 10 | 50 | 0 | | | 22.72 | | | |
| 10 | 1 | 0 | 16-QAM | | 22.98 | | 20.73 | 0.1183 |
| 10 | 1 | 25 | | | 22.95 | | | |
| 10 | 1 | 49 | | | 22.94 | | | |
| 10 | 25 | 0 | | | 21.70 | | | |
| 10 | 25 | 12 | | | 21.73 | | | |
| 10 | 25 | 25 | | | 21.77 | | | |
| 10 | 50 | 0 | | | 21.71 | | | |
| 10 | 1 | 0 | 64-QAM | | 21.87 | | 19.74 | 0.0942 |
| 10 | 1 | 25 | | | 21.99 | | | |
| 10 | 1 | 49 | | | 21.92 | | | |
| 10 | 25 | 0 | | | 20.70 | | | |
| 10 | 25 | 12 | | | 20.71 | | | |
| 10 | 25 | 25 | | | 20.77 | | | |
| 10 | 50 | 0 | | | 20.72 | | | |
| 10 | 1 | 0 | 256-QAM | | 18.88 | | 16.67 | 0.0465 |
| 10 | 1 | 25 | | | 18.86 | | | |
| 10 | 1 | 49 | | | 18.92 | | | |
| 10 | 25 | 0 | | | 18.86 | | | |
| 10 | 25 | 12 | | | 18.89 | | | |
| 10 | 25 | 25 | | | 18.86 | | | |
| 10 | 50 | 0 | | | 18.91 | | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5 | 1 | 0 | QPSK | 23.66 | 23.67 | 23.70 | 21.45 | 0.1396 |
| 5 | 1 | 12 | | 23.67 | 23.68 | 23.69 | | |
| 5 | 1 | 24 | | 23.67 | 23.68 | 23.66 | | |
| 5 | 12 | 0 | | 22.65 | 22.68 | 22.70 | | |
| 5 | 12 | 7 | | 22.75 | 22.69 | 22.80 | | |
| 5 | 12 | 13 | | 22.76 | 22.75 | 22.76 | | |
| 5 | 25 | 0 | | 22.73 | 22.67 | 22.68 | | |
| 5 | 1 | 0 | 16-QAM | 22.95 | 22.97 | 22.92 | 20.74 | 0.1186 |
| 5 | 1 | 12 | | 22.93 | 22.98 | 22.99 | | |
| 5 | 1 | 24 | | 22.92 | 22.95 | 22.93 | | |
| 5 | 12 | 0 | | 21.72 | 21.72 | 21.75 | | |
| 5 | 12 | 7 | | 21.82 | 21.76 | 21.85 | | |
| 5 | 12 | 13 | | 21.81 | 21.85 | 21.83 | | |
| 5 | 25 | 0 | | 21.77 | 21.70 | 21.71 | | |
| 5 | 1 | 0 | 64-QAM | 21.89 | 21.89 | 21.97 | 19.74 | 0.0942 |
| 5 | 1 | 12 | | 21.98 | 21.94 | 21.95 | | |
| 5 | 1 | 24 | | 21.97 | 21.95 | 21.99 | | |
| 5 | 12 | 0 | | 20.70 | 20.72 | 20.77 | | |
| 5 | 12 | 7 | | 20.81 | 20.76 | 20.84 | | |
| 5 | 12 | 13 | | 20.78 | 20.76 | 20.79 | | |
| 5 | 25 | 0 | | 20.74 | 20.70 | 20.73 | | |
| 5 | 1 | 0 | 256-QAM | 18.84 | 18.92 | 18.85 | 16.67 | 0.0465 |
| 5 | 1 | 12 | | 18.85 | 18.80 | 18.81 | | |
| 5 | 1 | 24 | | 18.88 | 18.86 | 18.77 | | |
| 5 | 12 | 0 | | 18.81 | 18.80 | 18.79 | | |
| 5 | 12 | 7 | | 18.83 | 18.82 | 18.78 | | |
| 5 | 12 | 13 | | 18.76 | 18.78 | 18.76 | | |
| 5 | 25 | 0 | | 18.83 | 18.86 | 18.84 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 17 Maximum Average Power [dBm] (GT - LC = 0.1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10 | 1 | 0 | QPSK | 23.85 | 23.77 | 23.75 | 21.80 | 0.1514 |
| 10 | 1 | 25 | | 23.79 | 23.78 | 23.75 | | |
| 10 | 1 | 49 | | 23.71 | 23.68 | 23.66 | | |
| 10 | 25 | 0 | | 22.85 | 22.81 | 22.85 | | |
| 10 | 25 | 12 | | 22.91 | 22.81 | 22.85 | | |
| 10 | 25 | 25 | | 22.82 | 22.73 | 22.77 | | |
| 10 | 50 | 0 | | 22.78 | 22.76 | 22.83 | | |
| 10 | 1 | 0 | 16-QAM | 22.89 | 22.87 | 22.93 | 20.88 | 0.1225 |
| 10 | 1 | 25 | | 22.85 | 22.75 | 22.82 | | |
| 10 | 1 | 49 | | 22.79 | 22.87 | 22.82 | | |
| 10 | 25 | 0 | | 21.86 | 21.83 | 21.90 | | |
| 10 | 25 | 12 | | 21.94 | 21.83 | 21.86 | | |
| 10 | 25 | 25 | | 21.85 | 21.77 | 21.80 | | |
| 10 | 50 | 0 | | 21.81 | 21.79 | 21.84 | | |
| 10 | 1 | 0 | 64-QAM | 21.78 | 21.67 | 21.69 | 19.73 | 0.0940 |
| 10 | 1 | 25 | | 21.67 | 21.71 | 21.72 | | |
| 10 | 1 | 49 | | 21.66 | 21.67 | 21.66 | | |
| 10 | 25 | 0 | | 20.85 | 20.82 | 20.87 | | |
| 10 | 25 | 12 | | 20.91 | 20.82 | 20.86 | | |
| 10 | 25 | 25 | | 20.85 | 20.74 | 20.79 | | |
| 10 | 50 | 0 | | 20.81 | 20.77 | 20.84 | | |
| 10 | 1 | 0 | 256-QAM | 18.87 | 18.87 | 18.79 | 16.88 | 0.0488 |
| 10 | 1 | 25 | | 18.90 | 18.93 | 18.77 | | |
| 10 | 1 | 49 | | 18.83 | 18.84 | 18.80 | | |
| 10 | 25 | 0 | | 18.79 | 18.81 | 18.76 | | |
| 10 | 25 | 12 | | 18.83 | 18.84 | 18.68 | | |
| 10 | 25 | 25 | | 18.75 | 18.83 | 18.82 | | |
| 10 | 50 | 0 | | 18.77 | 18.82 | 18.75 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 17 Maximum Average Power [dBm] (GT - LC = 0.1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5 | 1 | 0 | QPSK | 23.84 | 23.81 | 23.78 | 21.79 | 0.1510 |
| 5 | 1 | 12 | | 23.83 | 23.80 | 23.73 | | |
| 5 | 1 | 24 | | 23.77 | 23.70 | 23.63 | | |
| 5 | 12 | 0 | | 22.87 | 22.83 | 22.86 | | |
| 5 | 12 | 7 | | 22.90 | 22.77 | 22.77 | | |
| 5 | 12 | 13 | | 22.84 | 22.70 | 22.71 | | |
| 5 | 25 | 0 | | 22.89 | 22.76 | 22.78 | | |
| 5 | 1 | 0 | 16-QAM | 22.98 | 22.92 | 22.90 | 20.93 | 0.1239 |
| 5 | 1 | 12 | | 22.98 | 22.96 | 22.86 | | |
| 5 | 1 | 24 | | 22.85 | 22.80 | 22.71 | | |
| 5 | 12 | 0 | | 21.91 | 21.90 | 21.89 | | |
| 5 | 12 | 7 | | 21.94 | 21.84 | 21.85 | | |
| 5 | 12 | 13 | | 21.88 | 21.76 | 21.74 | | |
| 5 | 25 | 0 | | 21.90 | 21.79 | 21.79 | | |
| 5 | 1 | 0 | 64-QAM | 21.87 | 21.91 | 21.82 | 19.86 | 0.0968 |
| 5 | 1 | 12 | | 21.81 | 21.81 | 21.70 | | |
| 5 | 1 | 24 | | 21.73 | 21.70 | 21.66 | | |
| 5 | 12 | 0 | | 20.93 | 20.87 | 20.89 | | |
| 5 | 12 | 7 | | 20.92 | 20.83 | 20.79 | | |
| 5 | 12 | 13 | | 20.87 | 20.77 | 20.72 | | |
| 5 | 25 | 0 | | 20.91 | 20.78 | 20.78 | | |
| 5 | 1 | 0 | 256-QAM | 18.94 | 18.87 | 18.89 | 16.89 | 0.0489 |
| 5 | 1 | 12 | | 18.92 | 18.93 | 18.78 | | |
| 5 | 1 | 24 | | 18.80 | 18.72 | 18.57 | | |
| 5 | 12 | 0 | | 18.78 | 18.84 | 18.86 | | |
| 5 | 12 | 7 | | 18.84 | 18.69 | 18.72 | | |
| 5 | 12 | 13 | | 18.74 | 18.67 | 18.65 | | |
| 5 | 25 | 0 | | 18.84 | 18.73 | 18.74 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15 | 1 | 0 | QPSK | 23.92 | 23.75 | 23.77 | 22.57 | 0.1807 |
| 15 | 1 | 37 | | 23.89 | 23.89 | 23.78 | | |
| 15 | 1 | 74 | | 23.69 | 23.66 | 23.59 | | |
| 15 | 36 | 0 | | 22.83 | 22.86 | 22.79 | | |
| 15 | 36 | 20 | | 22.82 | 22.84 | 22.73 | | |
| 15 | 36 | 39 | | 22.89 | 22.81 | 22.79 | | |
| 15 | 75 | 0 | | 22.82 | 22.81 | 22.77 | | |
| 15 | 1 | 0 | 16-QAM | 22.86 | 22.58 | 22.90 | 21.62 | 0.1452 |
| 15 | 1 | 37 | | 22.97 | 22.91 | 22.89 | | |
| 15 | 1 | 74 | | 22.79 | 22.81 | 22.79 | | |
| 15 | 36 | 0 | | 21.85 | 21.87 | 21.79 | | |
| 15 | 36 | 20 | | 21.83 | 21.90 | 21.77 | | |
| 15 | 36 | 39 | | 21.88 | 21.75 | 21.81 | | |
| 15 | 75 | 0 | | 21.83 | 21.86 | 21.79 | | |
| 15 | 1 | 0 | 64-QAM | 21.96 | 22.04 | 21.99 | 20.69 | 0.1172 |
| 15 | 1 | 37 | | 21.99 | 21.81 | 22.00 | | |
| 15 | 1 | 74 | | 21.91 | 21.84 | 21.84 | | |
| 15 | 36 | 0 | | 20.85 | 20.94 | 20.81 | | |
| 15 | 36 | 20 | | 20.82 | 20.94 | 20.77 | | |
| 15 | 36 | 39 | | 20.91 | 21.07 | 20.82 | | |
| 15 | 75 | 0 | | 20.84 | 20.93 | 20.79 | | |
| 15 | 1 | 0 | 256-QAM | 18.92 | 18.91 | 18.97 | 17.62 | 0.0578 |
| 15 | 1 | 37 | | 18.79 | 18.86 | 18.81 | | |
| 15 | 1 | 74 | | 18.82 | 18.95 | 18.92 | | |
| 15 | 36 | 0 | | 18.86 | 18.87 | 18.85 | | |
| 15 | 36 | 20 | | 18.72 | 18.88 | 18.76 | | |
| 15 | 36 | 39 | | 18.93 | 18.82 | 18.86 | | |
| 15 | 75 | 0 | | 18.80 | 18.68 | 18.88 | | |
| Limit | ERP < 7W | | | Result | | | Pass | |

| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10 | 1 | 0 | QPSK | 23.86 | 23.90 | 23.88 | 22.57 | 0.1807 |
| 10 | 1 | 25 | | 23.92 | 23.80 | 23.83 | | |
| 10 | 1 | 49 | | 23.82 | 23.87 | 23.76 | | |
| 10 | 25 | 0 | | 22.90 | 23.07 | 22.88 | | |
| 10 | 25 | 12 | | 23.01 | 22.87 | 22.92 | | |
| 10 | 25 | 25 | | 23.06 | 23.03 | 22.90 | | |
| 10 | 50 | 0 | | 23.00 | 22.93 | 22.95 | | |
| 10 | 1 | 0 | 16-QAM | 22.98 | 23.07 | 22.94 | 21.72 | 0.1486 |
| 10 | 1 | 25 | | 22.89 | 22.84 | 22.87 | | |
| 10 | 1 | 49 | | 22.93 | 22.90 | 22.85 | | |
| 10 | 25 | 0 | | 21.93 | 21.91 | 21.91 | | |
| 10 | 25 | 12 | | 21.99 | 22.04 | 21.96 | | |
| 10 | 25 | 25 | | 22.07 | 22.06 | 21.92 | | |
| 10 | 50 | 0 | | 21.88 | 21.97 | 21.97 | | |
| 10 | 1 | 0 | 64-QAM | 21.86 | 21.77 | 21.88 | 20.59 | 0.1146 |
| 10 | 1 | 25 | | 21.87 | 21.94 | 21.83 | | |
| 10 | 1 | 49 | | 21.93 | 21.91 | 21.77 | | |
| 10 | 25 | 0 | | 20.96 | 20.95 | 20.89 | | |
| 10 | 25 | 12 | | 20.90 | 21.05 | 20.97 | | |
| 10 | 25 | 25 | | 20.93 | 20.95 | 20.91 | | |
| 10 | 50 | 0 | | 20.88 | 20.98 | 20.94 | | |
| 10 | 1 | 0 | 256-QAM | 18.86 | 18.92 | 19.00 | 18.06 | 0.0640 |
| 10 | 1 | 25 | | 18.81 | 19.34 | 19.41 | | |
| 10 | 1 | 49 | | 19.00 | 18.94 | 18.98 | | |
| 10 | 25 | 0 | | 18.83 | 18.98 | 18.98 | | |
| 10 | 25 | 12 | | 18.94 | 19.04 | 18.90 | | |
| 10 | 25 | 25 | | 18.79 | 18.94 | 18.90 | | |
| 10 | 50 | 0 | | 18.86 | 19.01 | 18.94 | | |
| Limit | ERP < 7W | | | Result | | | Pass | |

| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5 | 1 | 0 | QPSK | 23.85 | 23.77 | 23.83 | 22.52 | 0.1786 |
| 5 | 1 | 12 | | 23.87 | 23.78 | 23.87 | | |
| 5 | 1 | 24 | | 23.83 | 23.77 | 23.77 | | |
| 5 | 12 | 0 | | 22.93 | 22.84 | 22.81 | | |
| 5 | 12 | 7 | | 22.87 | 23.00 | 22.90 | | |
| 5 | 12 | 13 | | 22.90 | 23.01 | 22.86 | | |
| 5 | 25 | 0 | | 22.84 | 22.98 | 22.87 | | |
| 5 | 1 | 0 | 16-QAM | 22.92 | 22.91 | 22.93 | 21.63 | 0.1455 |
| 5 | 1 | 12 | | 22.96 | 22.98 | 22.98 | | |
| 5 | 1 | 24 | | 22.84 | 22.92 | 22.86 | | |
| 5 | 12 | 0 | | 21.85 | 22.00 | 21.78 | | |
| 5 | 12 | 7 | | 21.94 | 21.93 | 21.85 | | |
| 5 | 12 | 13 | | 21.90 | 21.99 | 21.82 | | |
| 5 | 25 | 0 | | 21.74 | 21.93 | 21.80 | | |
| 5 | 1 | 0 | 64-QAM | 21.76 | 22.05 | 21.86 | 20.70 | 0.1175 |
| 5 | 1 | 12 | | 21.85 | 21.95 | 21.86 | | |
| 5 | 1 | 24 | | 21.69 | 21.88 | 21.73 | | |
| 5 | 12 | 0 | | 20.83 | 20.89 | 20.82 | | |
| 5 | 12 | 7 | | 20.90 | 20.86 | 20.94 | | |
| 5 | 12 | 13 | | 20.97 | 21.08 | 20.88 | | |
| 5 | 25 | 0 | | 20.97 | 20.84 | 20.89 | | |
| 5 | 1 | 0 | 256-QAM | 18.90 | 18.99 | 18.84 | 17.71 | 0.0590 |
| 5 | 1 | 12 | | 18.88 | 18.94 | 18.99 | | |
| 5 | 1 | 24 | | 19.06 | 19.04 | 18.89 | | |
| 5 | 12 | 0 | | 18.75 | 18.96 | 18.81 | | |
| 5 | 12 | 7 | | 18.82 | 18.84 | 18.90 | | |
| 5 | 12 | 13 | | 18.76 | 19.02 | 18.85 | | |
| 5 | 25 | 0 | | 18.73 | 18.86 | 18.90 | | |
| Limit | ERP < 7W | | | Result | | | Pass | |

| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3 | 1 | 0 | QPSK | 23.77 | 23.79 | 23.72 | 22.52 | 0.1786 |
| 3 | 1 | 8 | | 23.87 | 23.76 | 23.82 | | |
| 3 | 1 | 14 | | 23.77 | 23.81 | 23.72 | | |
| 3 | 8 | 0 | | 22.91 | 22.86 | 22.78 | | |
| 3 | 8 | 4 | | 22.86 | 23.05 | 22.86 | | |
| 3 | 8 | 7 | | 22.91 | 22.92 | 22.85 | | |
| 3 | 15 | 0 | | 22.82 | 22.85 | 22.83 | | |
| 3 | 1 | 0 | 16-QAM | 22.93 | 22.93 | 22.78 | 21.62 | 0.1452 |
| 3 | 1 | 8 | | 22.86 | 22.97 | 22.93 | | |
| 3 | 1 | 14 | | 22.78 | 22.97 | 22.80 | | |
| 3 | 8 | 0 | | 22.00 | 21.88 | 21.78 | | |
| 3 | 8 | 4 | | 21.97 | 21.87 | 21.86 | | |
| 3 | 8 | 7 | | 21.86 | 21.99 | 21.82 | | |
| 3 | 15 | 0 | | 21.76 | 21.81 | 21.77 | | |
| 3 | 1 | 0 | 64-QAM | 21.86 | 21.98 | 21.79 | 20.67 | 0.1167 |
| 3 | 1 | 8 | | 21.86 | 22.02 | 21.85 | | |
| 3 | 1 | 14 | | 21.86 | 21.79 | 21.78 | | |
| 3 | 8 | 0 | | 20.92 | 21.02 | 20.81 | | |
| 3 | 8 | 4 | | 20.85 | 21.05 | 20.88 | | |
| 3 | 8 | 7 | | 20.86 | 21.01 | 20.89 | | |
| 3 | 15 | 0 | | 21.02 | 20.85 | 20.86 | | |
| 3 | 1 | 0 | 256-QAM | 18.70 | 18.97 | 18.82 | 17.96 | 0.0625 |
| 3 | 1 | 8 | | 19.03 | 19.31 | 18.98 | | |
| 3 | 1 | 14 | | 18.90 | 18.99 | 18.79 | | |
| 3 | 8 | 0 | | 18.92 | 18.82 | 18.82 | | |
| 3 | 8 | 4 | | 18.84 | 18.95 | 18.87 | | |
| 3 | 8 | 7 | | 18.87 | 19.01 | 18.85 | | |
| 3 | 15 | 0 | | 18.84 | 18.86 | 18.89 | | |
| Limit | ERP < 7W | | | Result | | | Pass | |

| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4 | 1 | 0 | QPSK | 23.88 | 23.89 | 23.80 | 22.56 | 0.1803 |
| 1.4 | 1 | 3 | | 23.89 | 23.91 | 23.83 | | |
| 1.4 | 1 | 5 | | 23.87 | 23.75 | 23.78 | | |
| 1.4 | 3 | 0 | | 23.86 | 23.86 | 23.82 | | |
| 1.4 | 3 | 1 | | 23.79 | 23.84 | 23.83 | | |
| 1.4 | 3 | 3 | | 23.89 | 23.82 | 23.81 | | |
| 1.4 | 6 | 0 | | 22.96 | 22.86 | 22.82 | | |
| 1.4 | 1 | 0 | 16-QAM | 22.86 | 22.95 | 22.88 | 21.72 | 0.1486 |
| 1.4 | 1 | 3 | | 22.99 | 23.07 | 22.83 | | |
| 1.4 | 1 | 5 | | 22.77 | 22.95 | 22.83 | | |
| 1.4 | 3 | 0 | | 22.75 | 22.78 | 22.69 | | |
| 1.4 | 3 | 1 | | 22.65 | 22.83 | 22.68 | | |
| 1.4 | 3 | 3 | | 22.79 | 22.88 | 22.68 | | |
| 1.4 | 6 | 0 | | 21.91 | 21.98 | 21.86 | | |
| 1.4 | 1 | 0 | 64-QAM | 21.77 | 21.77 | 21.71 | 20.67 | 0.1167 |
| 1.4 | 1 | 3 | | 21.85 | 21.98 | 21.79 | | |
| 1.4 | 1 | 5 | | 21.81 | 22.02 | 21.73 | | |
| 1.4 | 3 | 0 | | 21.76 | 21.73 | 21.75 | | |
| 1.4 | 3 | 1 | | 21.76 | 21.89 | 21.72 | | |
| 1.4 | 3 | 3 | | 21.82 | 21.90 | 21.74 | | |
| 1.4 | 6 | 0 | | 20.92 | 21.00 | 20.86 | | |
| 1.4 | 1 | 0 | 256-QAM | 19.00 | 18.86 | 18.92 | 17.65 | 0.0582 |
| 1.4 | 1 | 3 | | 18.93 | 18.92 | 18.92 | | |
| 1.4 | 1 | 5 | | 18.78 | 18.98 | 18.81 | | |
| 1.4 | 3 | 0 | | 18.94 | 18.99 | 18.84 | | |
| 1.4 | 3 | 1 | | 18.90 | 18.86 | 18.85 | | |
| 1.4 | 3 | 3 | | 18.81 | 18.94 | 18.81 | | |
| 1.4 | 6 | 0 | | 18.79 | 18.93 | 18.83 | | |
| Limit | ERP < 7W | | | Result | | | Pass | |

| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.4 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20 | 1 | 0 | QPSK | 23.32 | 23.85 | 23.44 | 24.25 | 0.2661 |
| 20 | 1 | 49 | | 23.52 | 23.62 | 23.47 | | |
| 20 | 1 | 99 | | 23.61 | 23.48 | 23.58 | | |
| 20 | 50 | 0 | | 22.40 | 22.52 | 22.48 | | |
| 20 | 50 | 24 | | 22.54 | 22.64 | 22.56 | | |
| 20 | 50 | 50 | | 22.53 | 22.55 | 22.44 | | |
| 20 | 100 | 0 | | 22.55 | 22.57 | 22.50 | | |
| 20 | 1 | 0 | 16-QAM | 22.64 | 22.77 | 22.72 | 23.17 | 0.2075 |
| 20 | 1 | 49 | | 22.51 | 22.16 | 22.46 | | |
| 20 | 1 | 99 | | 22.74 | 22.63 | 22.71 | | |
| 20 | 50 | 0 | | 21.51 | 21.54 | 21.49 | | |
| 20 | 50 | 24 | | 21.55 | 21.59 | 21.59 | | |
| 20 | 50 | 50 | | 21.61 | 21.55 | 21.49 | | |
| 20 | 100 | 0 | | 21.44 | 21.48 | 21.57 | | |
| 20 | 1 | 0 | 64-QAM | 21.62 | 21.24 | 21.56 | 22.14 | 0.1637 |
| 20 | 1 | 49 | | 21.74 | 21.29 | 21.62 | | |
| 20 | 1 | 99 | | 21.73 | 21.43 | 21.30 | | |
| 20 | 50 | 0 | | 20.51 | 20.54 | 20.49 | | |
| 20 | 50 | 24 | | 20.61 | 20.50 | 20.56 | | |
| 20 | 50 | 50 | | 20.53 | 20.56 | 20.41 | | |
| 20 | 100 | 0 | | 20.54 | 20.59 | 20.58 | | |
| 20 | 1 | 0 | 256-QAM | 18.32 | 18.63 | 18.69 | 19.26 | 0.0843 |
| 20 | 1 | 49 | | 18.54 | 18.71 | 18.86 | | |
| 20 | 1 | 99 | | 18.61 | 18.56 | 18.42 | | |
| 20 | 50 | 0 | | 18.46 | 18.61 | 18.66 | | |
| 20 | 50 | 24 | | 18.65 | 18.65 | 18.68 | | |
| 20 | 50 | 50 | | 18.59 | 18.59 | 18.54 | | |
| 20 | 100 | 0 | | 18.64 | 18.65 | 18.63 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.4 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15 | 1 | 0 | QPSK | 23.75 | 23.68 | 23.48 | 24.17 | 0.2612 |
| 15 | 1 | 37 | | 23.68 | 23.77 | 23.55 | | |
| 15 | 1 | 74 | | 23.71 | 23.58 | 23.44 | | |
| 15 | 36 | 0 | | 22.48 | 22.60 | 22.58 | | |
| 15 | 36 | 20 | | 22.62 | 22.56 | 22.60 | | |
| 15 | 36 | 39 | | 22.61 | 22.51 | 22.48 | | |
| 15 | 75 | 0 | | 22.52 | 22.60 | 22.61 | | |
| 15 | 1 | 0 | 16-QAM | 22.46 | 22.81 | 22.68 | 23.32 | 0.2148 |
| 15 | 1 | 37 | | 22.92 | 22.51 | 22.64 | | |
| 15 | 1 | 74 | | 22.67 | 22.41 | 22.37 | | |
| 15 | 36 | 0 | | 21.47 | 21.63 | 21.62 | | |
| 15 | 36 | 20 | | 21.47 | 21.64 | 21.61 | | |
| 15 | 36 | 39 | | 21.51 | 21.63 | 21.54 | | |
| 15 | 75 | 0 | | 21.64 | 21.67 | 21.57 | | |
| 15 | 1 | 0 | 64-QAM | 21.43 | 21.31 | 21.54 | 22.33 | 0.1710 |
| 15 | 1 | 37 | | 21.75 | 21.93 | 21.42 | | |
| 15 | 1 | 74 | | 21.63 | 21.77 | 20.88 | | |
| 15 | 36 | 0 | | 20.51 | 20.65 | 20.51 | | |
| 15 | 36 | 20 | | 20.55 | 20.70 | 20.60 | | |
| 15 | 36 | 39 | | 20.59 | 20.64 | 20.54 | | |
| 15 | 75 | 0 | | 20.60 | 20.63 | 20.60 | | |
| 15 | 1 | 0 | 256-QAM | 18.27 | 18.61 | 18.61 | 19.18 | 0.0828 |
| 15 | 1 | 37 | | 18.51 | 18.67 | 18.78 | | |
| 15 | 1 | 74 | | 18.57 | 18.54 | 18.41 | | |
| 15 | 36 | 0 | | 18.36 | 18.56 | 18.65 | | |
| 15 | 36 | 20 | | 18.58 | 18.61 | 18.67 | | |
| 15 | 36 | 39 | | 18.57 | 18.58 | 18.47 | | |
| 15 | 75 | 0 | | 18.61 | 18.65 | 18.60 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.4 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10 | 1 | 0 | QPSK | 23.58 | 23.80 | 23.55 | 24.24 | 0.2655 |
| 10 | 1 | 25 | | 23.76 | 23.76 | 23.69 | | |
| 10 | 1 | 49 | | 23.84 | 23.79 | 23.66 | | |
| 10 | 25 | 0 | | 22.78 | 22.79 | 22.75 | | |
| 10 | 25 | 12 | | 22.76 | 22.77 | 22.77 | | |
| 10 | 25 | 25 | | 22.74 | 22.73 | 22.68 | | |
| 10 | 50 | 0 | | 22.83 | 22.80 | 22.74 | | |
| 10 | 1 | 0 | 16-QAM | 22.75 | 22.29 | 22.45 | 23.35 | 0.2163 |
| 10 | 1 | 25 | | 22.57 | 22.34 | 22.43 | | |
| 10 | 1 | 49 | | 22.95 | 22.91 | 22.69 | | |
| 10 | 25 | 0 | | 21.69 | 21.71 | 21.88 | | |
| 10 | 25 | 12 | | 21.79 | 21.79 | 21.75 | | |
| 10 | 25 | 25 | | 21.72 | 21.60 | 21.62 | | |
| 10 | 50 | 0 | | 21.65 | 21.71 | 21.71 | | |
| 10 | 1 | 0 | 64-QAM | 21.85 | 21.39 | 21.69 | 22.38 | 0.1730 |
| 10 | 1 | 25 | | 21.47 | 21.98 | 21.56 | | |
| 10 | 1 | 49 | | 21.94 | 21.91 | 21.61 | | |
| 10 | 25 | 0 | | 20.67 | 20.77 | 20.76 | | |
| 10 | 25 | 12 | | 20.76 | 20.68 | 20.73 | | |
| 10 | 25 | 25 | | 20.68 | 20.77 | 20.53 | | |
| 10 | 50 | 0 | | 20.83 | 20.80 | 20.71 | | |
| 10 | 1 | 0 | 256-QAM | 18.30 | 18.56 | 18.62 | 19.18 | 0.0828 |
| 10 | 1 | 25 | | 18.47 | 18.69 | 18.78 | | |
| 10 | 1 | 49 | | 18.52 | 18.54 | 18.34 | | |
| 10 | 25 | 0 | | 18.38 | 18.60 | 18.63 | | |
| 10 | 25 | 12 | | 18.64 | 18.61 | 18.60 | | |
| 10 | 25 | 25 | | 18.54 | 18.51 | 18.53 | | |
| 10 | 50 | 0 | | 18.61 | 18.61 | 18.53 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.4 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5 | 1 | 0 | QPSK | 23.75 | 23.83 | 23.62 | 24.24 | 0.2655 |
| 5 | 1 | 12 | | 23.65 | 23.84 | 23.67 | | |
| 5 | 1 | 24 | | 23.68 | 23.74 | 23.54 | | |
| 5 | 12 | 0 | | 22.72 | 22.65 | 22.68 | | |
| 5 | 12 | 7 | | 22.75 | 22.75 | 22.65 | | |
| 5 | 12 | 13 | | 22.71 | 22.67 | 22.66 | | |
| 5 | 25 | 0 | | 22.77 | 22.74 | 22.67 | | |
| 5 | 1 | 0 | 16-QAM | 22.99 | 22.60 | 22.60 | 23.39 | 0.2183 |
| 5 | 1 | 12 | | 22.79 | 22.97 | 22.83 | | |
| 5 | 1 | 24 | | 22.46 | 22.98 | 22.71 | | |
| 5 | 12 | 0 | | 21.71 | 21.72 | 21.65 | | |
| 5 | 12 | 7 | | 21.88 | 21.74 | 21.71 | | |
| 5 | 12 | 13 | | 21.79 | 21.70 | 21.72 | | |
| 5 | 25 | 0 | | 21.81 | 21.84 | 21.71 | | |
| 5 | 1 | 0 | 64-QAM | 21.82 | 21.84 | 21.62 | 22.39 | 0.1734 |
| 5 | 1 | 12 | | 21.79 | 21.99 | 21.54 | | |
| 5 | 1 | 24 | | 21.89 | 21.82 | 21.49 | | |
| 5 | 12 | 0 | | 20.65 | 20.88 | 20.67 | | |
| 5 | 12 | 7 | | 20.79 | 20.75 | 20.73 | | |
| 5 | 12 | 13 | | 20.72 | 20.78 | 20.75 | | |
| 5 | 25 | 0 | | 20.72 | 20.75 | 20.58 | | |
| 5 | 1 | 0 | 256-QAM | 18.26 | 18.61 | 18.62 | 19.24 | 0.0839 |
| 5 | 1 | 12 | | 18.45 | 18.63 | 18.84 | | |
| 5 | 1 | 24 | | 18.55 | 18.51 | 18.42 | | |
| 5 | 12 | 0 | | 18.37 | 18.60 | 18.57 | | |
| 5 | 12 | 7 | | 18.60 | 18.55 | 18.64 | | |
| 5 | 12 | 13 | | 18.49 | 18.50 | 18.49 | | |
| 5 | 25 | 0 | | 18.55 | 18.62 | 18.56 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.5 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20 | 1 | 0 | QPSK | 23.93 | 24.25 | 23.73 | 25.75 | 0.3758 |
| 20 | 1 | 49 | | 23.87 | 24.15 | 24.13 | | |
| 20 | 1 | 99 | | 23.91 | 24.16 | 24.05 | | |
| 20 | 50 | 0 | | 22.96 | 23.29 | 22.97 | | |
| 20 | 50 | 24 | | 22.98 | 23.27 | 23.19 | | |
| 20 | 50 | 50 | | 23.03 | 23.17 | 23.19 | | |
| 20 | 100 | 0 | | 22.97 | 23.26 | 23.10 | | |
| 20 | 1 | 0 | 16-QAM | 22.90 | 23.39 | 22.70 | 24.89 | 0.3083 |
| 20 | 1 | 49 | | 22.96 | 23.30 | 23.17 | | |
| 20 | 1 | 99 | | 22.85 | 23.26 | 23.00 | | |
| 20 | 50 | 0 | | 22.01 | 22.31 | 21.95 | | |
| 20 | 50 | 24 | | 22.04 | 22.27 | 22.20 | | |
| 20 | 50 | 50 | | 21.98 | 22.22 | 22.19 | | |
| 20 | 100 | 0 | | 22.00 | 22.29 | 22.09 | | |
| 20 | 1 | 0 | 64-QAM | 21.97 | 22.28 | 21.61 | 23.81 | 0.2404 |
| 20 | 1 | 49 | | 21.83 | 22.31 | 22.13 | | |
| 20 | 1 | 99 | | 21.84 | 22.09 | 21.93 | | |
| 20 | 50 | 0 | | 20.95 | 21.29 | 20.98 | | |
| 20 | 50 | 24 | | 21.03 | 21.28 | 21.17 | | |
| 20 | 50 | 50 | | 21.01 | 21.21 | 21.22 | | |
| 20 | 100 | 0 | | 20.98 | 21.25 | 21.09 | | |
| 20 | 1 | 0 | 256-QAM | 19.02 | 19.18 | 18.54 | 20.78 | 0.1197 |
| 20 | 1 | 49 | | 18.88 | 19.13 | 19.10 | | |
| 20 | 1 | 99 | | 18.85 | 19.11 | 19.11 | | |
| 20 | 50 | 0 | | 18.99 | 19.28 | 18.95 | | |
| 20 | 50 | 24 | | 19.03 | 19.28 | 19.17 | | |
| 20 | 50 | 50 | | 18.97 | 19.19 | 19.18 | | |
| 20 | 100 | 0 | | 18.98 | 19.26 | 19.12 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.5 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15 | 1 | 0 | QPSK | 23.88 | 24.30 | 23.80 | 25.80 | 0.3802 |
| 15 | 1 | 37 | | 23.94 | 24.17 | 24.21 | | |
| 15 | 1 | 74 | | 23.86 | 24.14 | 24.14 | | |
| 15 | 36 | 0 | | 22.94 | 23.28 | 23.00 | | |
| 15 | 36 | 20 | | 22.98 | 23.27 | 23.20 | | |
| 15 | 36 | 39 | | 23.00 | 23.17 | 23.21 | | |
| 15 | 75 | 0 | | 23.00 | 23.27 | 23.14 | | |
| 15 | 1 | 0 | 16-QAM | 22.80 | 23.25 | 22.86 | 24.75 | 0.2985 |
| 15 | 1 | 37 | | 22.97 | 23.17 | 23.17 | | |
| 15 | 1 | 74 | | 22.97 | 23.13 | 23.17 | | |
| 15 | 36 | 0 | | 22.01 | 22.31 | 22.01 | | |
| 15 | 36 | 20 | | 21.97 | 22.25 | 22.24 | | |
| 15 | 36 | 39 | | 21.99 | 22.17 | 22.19 | | |
| 15 | 75 | 0 | | 22.01 | 22.27 | 22.16 | | |
| 15 | 1 | 0 | 64-QAM | 21.80 | 22.36 | 21.82 | 23.86 | 0.2432 |
| 15 | 1 | 37 | | 21.81 | 22.08 | 22.07 | | |
| 15 | 1 | 74 | | 21.82 | 22.04 | 22.02 | | |
| 15 | 36 | 0 | | 20.95 | 21.28 | 20.99 | | |
| 15 | 36 | 20 | | 20.95 | 21.22 | 21.21 | | |
| 15 | 36 | 39 | | 20.96 | 21.18 | 21.21 | | |
| 15 | 75 | 0 | | 21.01 | 21.27 | 21.13 | | |
| 15 | 1 | 0 | 256-QAM | 18.93 | 19.20 | 18.75 | 20.79 | 0.1199 |
| 15 | 1 | 37 | | 18.88 | 19.20 | 19.19 | | |
| 15 | 1 | 74 | | 18.92 | 19.05 | 19.19 | | |
| 15 | 36 | 0 | | 19.00 | 19.29 | 19.03 | | |
| 15 | 36 | 20 | | 18.99 | 19.28 | 19.22 | | |
| 15 | 36 | 39 | | 18.98 | 19.18 | 19.22 | | |
| 15 | 75 | 0 | | 19.00 | 19.26 | 19.18 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.5 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10 | 1 | 0 | QPSK | 24.07 | 24.37 | 24.04 | 25.91 | 0.3899 |
| 10 | 1 | 25 | | 24.14 | 24.41 | 24.31 | | |
| 10 | 1 | 49 | | 24.09 | 24.33 | 24.06 | | |
| 10 | 25 | 0 | | 23.13 | 23.43 | 23.23 | | |
| 10 | 25 | 12 | | 23.14 | 23.43 | 23.40 | | |
| 10 | 25 | 25 | | 23.12 | 23.43 | 23.27 | | |
| 10 | 50 | 0 | | 23.16 | 23.47 | 23.29 | | |
| 10 | 1 | 0 | 16-QAM | 23.14 | 23.42 | 23.08 | 24.92 | 0.3105 |
| 10 | 1 | 25 | | 23.15 | 23.41 | 23.41 | | |
| 10 | 1 | 49 | | 23.10 | 23.28 | 23.16 | | |
| 10 | 25 | 0 | | 22.13 | 22.46 | 22.20 | | |
| 10 | 25 | 12 | | 22.14 | 22.44 | 22.34 | | |
| 10 | 25 | 25 | | 22.11 | 22.41 | 22.27 | | |
| 10 | 50 | 0 | | 22.14 | 22.45 | 22.33 | | |
| 10 | 1 | 0 | 64-QAM | 22.07 | 22.33 | 22.01 | 23.84 | 0.2421 |
| 10 | 1 | 25 | | 22.17 | 22.34 | 22.26 | | |
| 10 | 1 | 49 | | 22.18 | 22.20 | 22.00 | | |
| 10 | 25 | 0 | | 21.11 | 21.38 | 21.21 | | |
| 10 | 25 | 12 | | 21.15 | 21.42 | 21.40 | | |
| 10 | 25 | 25 | | 21.11 | 21.44 | 21.29 | | |
| 10 | 50 | 0 | | 21.14 | 21.43 | 21.28 | | |
| 10 | 1 | 0 | 256-QAM | 19.10 | 19.42 | 18.87 | 20.93 | 0.1239 |
| 10 | 1 | 25 | | 18.98 | 19.28 | 19.17 | | |
| 10 | 1 | 49 | | 18.98 | 19.27 | 18.99 | | |
| 10 | 25 | 0 | | 19.10 | 19.40 | 19.22 | | |
| 10 | 25 | 12 | | 19.13 | 19.41 | 19.40 | | |
| 10 | 25 | 25 | | 19.14 | 19.42 | 19.25 | | |
| 10 | 50 | 0 | | 19.15 | 19.43 | 19.31 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.5 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5 | 1 | 0 | QPSK | 24.05 | 24.34 | 24.20 | 25.92 | 0.3908 |
| 5 | 1 | 12 | | 24.13 | 24.42 | 24.34 | | |
| 5 | 1 | 24 | | 24.06 | 24.32 | 24.25 | | |
| 5 | 12 | 0 | | 23.10 | 23.38 | 23.29 | | |
| 5 | 12 | 7 | | 23.17 | 23.41 | 23.31 | | |
| 5 | 12 | 13 | | 23.11 | 23.40 | 23.34 | | |
| 5 | 25 | 0 | | 23.11 | 23.40 | 23.28 | | |
| 5 | 1 | 0 | 16-QAM | 23.04 | 23.27 | 23.33 | 24.92 | 0.3105 |
| 5 | 1 | 12 | | 23.14 | 23.42 | 23.39 | | |
| 5 | 1 | 24 | | 23.10 | 23.36 | 23.34 | | |
| 5 | 12 | 0 | | 22.12 | 22.49 | 22.24 | | |
| 5 | 12 | 7 | | 22.19 | 22.36 | 22.24 | | |
| 5 | 12 | 13 | | 22.09 | 22.37 | 22.39 | | |
| 5 | 25 | 0 | | 22.11 | 22.46 | 22.28 | | |
| 5 | 1 | 0 | 64-QAM | 22.05 | 22.26 | 22.26 | 23.89 | 0.2449 |
| 5 | 1 | 12 | | 22.08 | 22.39 | 22.29 | | |
| 5 | 1 | 24 | | 22.07 | 22.25 | 22.23 | | |
| 5 | 12 | 0 | | 21.05 | 21.34 | 21.32 | | |
| 5 | 12 | 7 | | 21.15 | 21.37 | 21.23 | | |
| 5 | 12 | 13 | | 21.20 | 21.38 | 21.38 | | |
| 5 | 25 | 0 | | 21.14 | 21.41 | 21.26 | | |
| 5 | 1 | 0 | 256-QAM | 18.97 | 19.34 | 19.22 | 20.94 | 0.1242 |
| 5 | 1 | 12 | | 19.00 | 19.39 | 19.27 | | |
| 5 | 1 | 24 | | 19.01 | 19.28 | 19.24 | | |
| 5 | 12 | 0 | | 19.14 | 19.44 | 19.26 | | |
| 5 | 12 | 7 | | 19.17 | 19.41 | 19.31 | | |
| 5 | 12 | 13 | | 19.09 | 19.40 | 19.30 | | |
| 5 | 25 | 0 | | 19.12 | 19.43 | 19.27 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.5 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20 | 1 | 0 | QPSK | 26.77 | 27.31 | 26.68 | 28.81 | 0.7603 |
| 20 | 1 | 49 | | 26.85 | 27.20 | 27.20 | | |
| 20 | 1 | 99 | | 26.77 | 27.09 | 26.89 | | |
| 20 | 50 | 0 | | 25.95 | 26.27 | 25.97 | | |
| 20 | 50 | 24 | | 25.98 | 26.21 | 26.19 | | |
| 20 | 50 | 50 | | 25.95 | 26.13 | 26.22 | | |
| 20 | 100 | 0 | | 22.53 | 26.25 | 26.12 | | |
| 20 | 1 | 0 | 16-QAM | 26.12 | 26.92 | 26.19 | 28.51 | 0.7096 |
| 20 | 1 | 49 | | 26.31 | 27.01 | 26.86 | | |
| 20 | 1 | 99 | | 26.15 | 26.40 | 26.14 | | |
| 20 | 50 | 0 | | 24.97 | 25.26 | 24.95 | | |
| 20 | 50 | 24 | | 24.98 | 25.32 | 25.27 | | |
| 20 | 50 | 50 | | 24.97 | 25.19 | 25.25 | | |
| 20 | 100 | 0 | | 22.52 | 25.28 | 25.12 | | |
| 20 | 1 | 0 | 64-QAM | 25.06 | 25.52 | 24.96 | 27.02 | 0.5035 |
| 20 | 1 | 49 | | 25.18 | 25.48 | 25.47 | | |
| 20 | 1 | 99 | | 25.08 | 25.38 | 25.19 | | |
| 20 | 50 | 0 | | 23.96 | 24.31 | 24.00 | | |
| 20 | 50 | 24 | | 23.99 | 24.28 | 24.20 | | |
| 20 | 50 | 50 | | 23.95 | 24.18 | 24.24 | | |
| 20 | 100 | 0 | | 22.52 | 24.27 | 24.15 | | |
| 20 | 1 | 0 | 256-QAM | 22.09 | 22.35 | 21.84 | 24.01 | 0.2518 |
| 20 | 1 | 49 | | 22.03 | 22.42 | 22.36 | | |
| 20 | 1 | 99 | | 22.15 | 22.38 | 22.14 | | |
| 20 | 50 | 0 | | 22.02 | 22.34 | 22.01 | | |
| 20 | 50 | 24 | | 22.03 | 22.32 | 22.20 | | |
| 20 | 50 | 50 | | 21.99 | 22.20 | 22.18 | | |
| 20 | 100 | 0 | | 22.51 | 22.30 | 22.15 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.5 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15 | 1 | 0 | QPSK | 26.69 | 27.17 | 26.69 | 28.67 | 0.7362 |
| 15 | 1 | 37 | | 26.82 | 27.11 | 27.09 | | |
| 15 | 1 | 74 | | 26.71 | 27.03 | 26.92 | | |
| 15 | 36 | 0 | | 25.95 | 26.25 | 26.01 | | |
| 15 | 36 | 20 | | 25.96 | 26.19 | 26.21 | | |
| 15 | 36 | 39 | | 25.93 | 26.11 | 26.18 | | |
| 15 | 75 | 0 | | 22.48 | 26.22 | 26.16 | | |
| 15 | 1 | 0 | 16-QAM | 26.16 | 26.57 | 26.21 | 28.20 | 0.6607 |
| 15 | 1 | 37 | | 26.26 | 26.51 | 26.29 | | |
| 15 | 1 | 74 | | 26.18 | 26.38 | 26.70 | | |
| 15 | 36 | 0 | | 24.96 | 25.31 | 25.02 | | |
| 15 | 36 | 20 | | 25.03 | 25.31 | 25.25 | | |
| 15 | 36 | 39 | | 24.96 | 25.16 | 25.25 | | |
| 15 | 75 | 0 | | 22.51 | 25.27 | 25.16 | | |
| 15 | 1 | 0 | 64-QAM | 24.98 | 25.44 | 25.03 | 26.94 | 0.4943 |
| 15 | 1 | 37 | | 25.13 | 25.37 | 25.38 | | |
| 15 | 1 | 74 | | 25.05 | 25.43 | 25.22 | | |
| 15 | 36 | 0 | | 23.95 | 24.27 | 24.06 | | |
| 15 | 36 | 20 | | 23.98 | 24.27 | 24.23 | | |
| 15 | 36 | 39 | | 23.95 | 24.19 | 24.21 | | |
| 15 | 75 | 0 | | 22.52 | 24.28 | 24.14 | | |
| 15 | 1 | 0 | 256-QAM | 22.08 | 22.35 | 21.84 | 24.00 | 0.2512 |
| 15 | 1 | 37 | | 22.20 | 22.30 | 22.33 | | |
| 15 | 1 | 74 | | 22.23 | 22.27 | 22.19 | | |
| 15 | 36 | 0 | | 22.04 | 22.28 | 22.08 | | |
| 15 | 36 | 20 | | 22.00 | 22.29 | 22.17 | | |
| 15 | 36 | 39 | | 22.02 | 22.22 | 22.25 | | |
| 15 | 75 | 0 | | 22.50 | 22.31 | 22.19 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.5 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10 | 1 | 0 | QPSK | 26.78 | 27.33 | 26.94 | 28.83 | 0.7638 |
| 10 | 1 | 25 | | 26.80 | 27.32 | 27.25 | | |
| 10 | 1 | 49 | | 26.83 | 27.22 | 27.02 | | |
| 10 | 25 | 0 | | 26.05 | 26.40 | 26.21 | | |
| 10 | 25 | 12 | | 26.07 | 26.40 | 26.40 | | |
| 10 | 25 | 25 | | 26.08 | 26.37 | 26.27 | | |
| 10 | 50 | 0 | | 22.19 | 26.37 | 26.28 | | |
| 10 | 1 | 0 | 16-QAM | 26.10 | 26.78 | 26.35 | 28.28 | 0.6730 |
| 10 | 1 | 25 | | 26.18 | 26.76 | 26.77 | | |
| 10 | 1 | 49 | | 26.23 | 26.61 | 26.53 | | |
| 10 | 25 | 0 | | 25.18 | 25.41 | 25.22 | | |
| 10 | 25 | 12 | | 25.18 | 25.44 | 25.39 | | |
| 10 | 25 | 25 | | 25.14 | 25.40 | 25.27 | | |
| 10 | 50 | 0 | | 22.18 | 25.41 | 25.30 | | |
| 10 | 1 | 0 | 64-QAM | 25.29 | 25.56 | 25.37 | 27.16 | 0.5200 |
| 10 | 1 | 25 | | 25.41 | 25.61 | 25.66 | | |
| 10 | 1 | 49 | | 25.31 | 25.56 | 25.31 | | |
| 10 | 25 | 0 | | 24.07 | 24.38 | 24.19 | | |
| 10 | 25 | 12 | | 24.13 | 24.42 | 24.38 | | |
| 10 | 25 | 25 | | 24.14 | 24.42 | 24.30 | | |
| 10 | 50 | 0 | | 22.17 | 24.39 | 24.27 | | |
| 10 | 1 | 0 | 256-QAM | 22.24 | 22.61 | 22.15 | 24.12 | 0.2582 |
| 10 | 1 | 25 | | 22.31 | 22.62 | 22.54 | | |
| 10 | 1 | 49 | | 22.28 | 22.45 | 22.27 | | |
| 10 | 25 | 0 | | 22.15 | 22.47 | 22.23 | | |
| 10 | 25 | 12 | | 22.16 | 22.50 | 22.43 | | |
| 10 | 25 | 25 | | 22.17 | 22.47 | 22.31 | | |
| 10 | 50 | 0 | | 22.18 | 22.46 | 22.33 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.5 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5 | 1 | 0 | QPSK | 26.79 | 27.34 | 27.25 | 28.84 | 0.7656 |
| 5 | 1 | 12 | | 26.81 | 27.33 | 27.32 | | |
| 5 | 1 | 24 | | 26.78 | 27.28 | 27.26 | | |
| 5 | 12 | 0 | | 26.03 | 26.37 | 26.24 | | |
| 5 | 12 | 7 | | 26.07 | 26.41 | 26.31 | | |
| 5 | 12 | 13 | | 26.05 | 26.31 | 26.32 | | |
| 5 | 25 | 0 | | 26.05 | 26.38 | 24.30 | | |
| 5 | 1 | 0 | 16-QAM | 26.11 | 26.63 | 26.70 | 28.27 | 0.6714 |
| 5 | 1 | 12 | | 26.20 | 26.77 | 26.75 | | |
| 5 | 1 | 24 | | 26.13 | 26.63 | 26.73 | | |
| 5 | 12 | 0 | | 25.22 | 25.37 | 25.45 | | |
| 5 | 12 | 7 | | 25.26 | 25.39 | 25.31 | | |
| 5 | 12 | 13 | | 25.25 | 25.40 | 25.39 | | |
| 5 | 25 | 0 | | 25.08 | 25.40 | 24.32 | | |
| 5 | 1 | 0 | 64-QAM | 25.31 | 25.59 | 25.61 | 27.17 | 0.5212 |
| 5 | 1 | 12 | | 25.41 | 25.67 | 25.66 | | |
| 5 | 1 | 24 | | 25.36 | 25.61 | 25.54 | | |
| 5 | 12 | 0 | | 24.18 | 24.48 | 24.41 | | |
| 5 | 12 | 7 | | 24.31 | 24.42 | 24.41 | | |
| 5 | 12 | 13 | | 24.12 | 24.37 | 24.34 | | |
| 5 | 25 | 0 | | 24.16 | 24.34 | 24.31 | | |
| 5 | 1 | 0 | 256-QAM | 22.22 | 22.48 | 22.39 | 25.81 | 0.3811 |
| 5 | 1 | 12 | | 22.28 | 22.55 | 22.62 | | |
| 5 | 1 | 24 | | 22.22 | 22.44 | 22.41 | | |
| 5 | 12 | 0 | | 22.15 | 22.44 | 22.32 | | |
| 5 | 12 | 7 | | 22.18 | 22.45 | 22.36 | | |
| 5 | 12 | 13 | | 22.18 | 22.40 | 22.38 | | |
| 5 | 25 | 0 | | 22.15 | 22.43 | 24.31 | | |
| Limit | EIRP < 2W | | | Result | | | Pass | |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20 | 1 | 0 | QPSK | 24.25 | 24.04 | 23.95 | 26.05 | 0.4027 |
| 20 | 1 | 49 | | 23.71 | 24.01 | 24.03 | | |
| 20 | 1 | 99 | | 23.97 | 23.85 | 23.65 | | |
| 20 | 50 | 0 | | 23.09 | 22.95 | 22.98 | | |
| 20 | 50 | 24 | | 22.91 | 23.01 | 23.03 | | |
| 20 | 50 | 50 | | 22.95 | 22.95 | 22.98 | | |
| 20 | 100 | 0 | | 23.02 | 22.99 | 23.03 | | |
| 20 | 1 | 0 | 16-QAM | 23.35 | 23.34 | 23.26 | 25.15 | 0.3273 |
| 20 | 1 | 49 | | 23.08 | 23.27 | 23.28 | | |
| 20 | 1 | 99 | | 23.27 | 23.22 | 22.97 | | |
| 20 | 50 | 0 | | 22.12 | 21.99 | 22.01 | | |
| 20 | 50 | 24 | | 21.99 | 22.02 | 22.08 | | |
| 20 | 50 | 50 | | 22.05 | 21.96 | 21.99 | | |
| 20 | 100 | 0 | | 22.07 | 22.01 | 22.03 | | |
| 20 | 1 | 0 | 64-QAM | 22.33 | 22.23 | 22.27 | 24.13 | 0.2588 |
| 20 | 1 | 49 | | 22.08 | 22.13 | 22.23 | | |
| 20 | 1 | 99 | | 22.18 | 22.09 | 22.05 | | |
| 20 | 50 | 0 | | 21.12 | 20.97 | 21.00 | | |
| 20 | 50 | 24 | | 21.07 | 21.03 | 21.06 | | |
| 20 | 50 | 50 | | 21.06 | 20.96 | 20.98 | | |
| 20 | 100 | 0 | | 21.08 | 21.02 | 21.03 | | |
| 20 | 1 | 0 | 256-QAM | 18.81 | 18.88 | 18.82 | 20.86 | 0.1219 |
| 20 | 1 | 49 | | 18.92 | 18.75 | 18.98 | | |
| 20 | 1 | 99 | | 19.02 | 18.87 | 18.87 | | |
| 20 | 50 | 0 | | 19.00 | 18.83 | 18.80 | | |
| 20 | 50 | 24 | | 19.01 | 18.88 | 18.86 | | |
| 20 | 50 | 50 | | 19.06 | 18.82 | 18.93 | | |
| 20 | 100 | 0 | | 18.98 | 18.90 | 18.81 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15 | 1 | 0 | QPSK | 23.99 | 23.87 | 23.93 | 25.79 | 0.3793 |
| 15 | 1 | 37 | | 23.97 | 23.93 | 23.96 | | |
| 15 | 1 | 74 | | 23.87 | 23.79 | 23.11 | | |
| 15 | 36 | 0 | | 22.97 | 22.90 | 22.92 | | |
| 15 | 36 | 20 | | 23.03 | 22.98 | 23.00 | | |
| 15 | 36 | 39 | | 22.99 | 22.91 | 22.93 | | |
| 15 | 75 | 0 | | 23.03 | 22.94 | 22.99 | | |
| 15 | 1 | 0 | 16-QAM | 23.34 | 23.21 | 23.27 | 25.14 | 0.3266 |
| 15 | 1 | 37 | | 23.24 | 23.29 | 23.29 | | |
| 15 | 1 | 74 | | 23.23 | 23.09 | 22.40 | | |
| 15 | 36 | 0 | | 21.99 | 21.93 | 21.92 | | |
| 15 | 36 | 20 | | 22.08 | 21.98 | 22.00 | | |
| 15 | 36 | 39 | | 22.00 | 21.91 | 21.94 | | |
| 15 | 75 | 0 | | 22.02 | 21.98 | 21.98 | | |
| 15 | 1 | 0 | 64-QAM | 22.19 | 22.14 | 22.18 | 24.06 | 0.2547 |
| 15 | 1 | 37 | | 22.25 | 22.19 | 22.26 | | |
| 15 | 1 | 74 | | 22.08 | 22.04 | 21.48 | | |
| 15 | 36 | 0 | | 21.00 | 20.92 | 20.93 | | |
| 15 | 36 | 20 | | 21.05 | 21.01 | 21.00 | | |
| 15 | 36 | 39 | | 21.02 | 20.92 | 20.94 | | |
| 15 | 75 | 0 | | 21.02 | 20.94 | 20.97 | | |
| 15 | 1 | 0 | 256-QAM | 18.79 | 18.79 | 18.74 | 20.83 | 0.1211 |
| 15 | 1 | 37 | | 18.89 | 18.70 | 18.93 | | |
| 15 | 1 | 74 | | 18.94 | 18.77 | 18.85 | | |
| 15 | 36 | 0 | | 18.92 | 18.77 | 18.70 | | |
| 15 | 36 | 20 | | 19.00 | 18.88 | 18.85 | | |
| 15 | 36 | 39 | | 19.03 | 18.72 | 18.85 | | |
| 15 | 75 | 0 | | 18.92 | 18.83 | 18.79 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10 | 1 | 0 | QPSK | 24.06 | 24.00 | 24.00 | 25.86 | 0.3855 |
| 10 | 1 | 25 | | 24.05 | 23.99 | 24.04 | | |
| 10 | 1 | 49 | | 24.00 | 23.90 | 23.49 | | |
| 10 | 25 | 0 | | 23.18 | 23.02 | 23.02 | | |
| 10 | 25 | 12 | | 23.18 | 23.09 | 23.09 | | |
| 10 | 25 | 25 | | 23.11 | 23.03 | 23.05 | | |
| 10 | 50 | 0 | | 23.13 | 23.06 | 23.07 | | |
| 10 | 1 | 0 | 16-QAM | 23.49 | 23.44 | 23.42 | 25.29 | 0.3381 |
| 10 | 1 | 25 | | 23.45 | 23.43 | 23.35 | | |
| 10 | 1 | 49 | | 23.35 | 23.34 | 22.82 | | |
| 10 | 25 | 0 | | 22.20 | 22.04 | 22.05 | | |
| 10 | 25 | 12 | | 22.18 | 22.10 | 22.13 | | |
| 10 | 25 | 25 | | 22.14 | 22.03 | 22.06 | | |
| 10 | 50 | 0 | | 22.17 | 22.08 | 22.08 | | |
| 10 | 1 | 0 | 64-QAM | 22.34 | 22.24 | 22.26 | 24.14 | 0.2594 |
| 10 | 1 | 25 | | 22.32 | 22.23 | 22.20 | | |
| 10 | 1 | 49 | | 22.24 | 22.13 | 21.84 | | |
| 10 | 25 | 0 | | 21.19 | 21.02 | 21.03 | | |
| 10 | 25 | 12 | | 21.19 | 21.11 | 21.10 | | |
| 10 | 25 | 25 | | 21.13 | 21.05 | 21.06 | | |
| 10 | 50 | 0 | | 21.17 | 21.07 | 21.09 | | |
| 10 | 1 | 0 | 256-QAM | 18.81 | 18.88 | 18.76 | 20.81 | 0.1205 |
| 10 | 1 | 25 | | 18.91 | 18.71 | 18.96 | | |
| 10 | 1 | 49 | | 18.97 | 18.85 | 18.79 | | |
| 10 | 25 | 0 | | 18.96 | 18.82 | 18.77 | | |
| 10 | 25 | 12 | | 19.01 | 18.84 | 18.80 | | |
| 10 | 25 | 25 | | 19.00 | 18.75 | 18.86 | | |
| 10 | 50 | 0 | | 18.95 | 18.80 | 18.77 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5 | 1 | 0 | QPSK | 24.14 | 24.05 | 24.07 | 25.94 | 0.3926 |
| 5 | 1 | 12 | | 24.03 | 24.09 | 23.31 | | |
| 5 | 1 | 24 | | 24.03 | 24.03 | 23.33 | | |
| 5 | 12 | 0 | | 23.19 | 23.04 | 23.04 | | |
| 5 | 12 | 7 | | 23.21 | 23.14 | 22.46 | | |
| 5 | 12 | 13 | | 23.16 | 23.09 | 22.45 | | |
| 5 | 25 | 0 | | 23.19 | 23.08 | 23.01 | | |
| 5 | 1 | 0 | 16-QAM | 23.48 | 23.46 | 23.48 | 25.28 | 0.3373 |
| 5 | 1 | 12 | | 23.32 | 23.48 | 22.64 | | |
| 5 | 1 | 24 | | 23.42 | 23.42 | 22.64 | | |
| 5 | 12 | 0 | | 22.27 | 22.09 | 22.10 | | |
| 5 | 12 | 7 | | 22.30 | 22.19 | 21.55 | | |
| 5 | 12 | 13 | | 22.22 | 22.13 | 21.54 | | |
| 5 | 25 | 0 | | 22.23 | 22.15 | 22.10 | | |
| 5 | 1 | 0 | 64-QAM | 22.45 | 22.36 | 22.37 | 24.25 | 0.2661 |
| 5 | 1 | 12 | | 22.36 | 22.36 | 21.63 | | |
| 5 | 1 | 24 | | 22.35 | 22.29 | 21.67 | | |
| 5 | 12 | 0 | | 21.22 | 21.05 | 21.06 | | |
| 5 | 12 | 7 | | 21.27 | 21.14 | 20.58 | | |
| 5 | 12 | 13 | | 21.22 | 21.12 | 20.57 | | |
| 5 | 25 | 0 | | 21.22 | 21.12 | 21.14 | | |
| 5 | 1 | 0 | 256-QAM | 18.81 | 18.87 | 18.78 | 20.82 | 0.1208 |
| 5 | 1 | 12 | | 18.86 | 18.67 | 18.95 | | |
| 5 | 1 | 24 | | 19.00 | 18.80 | 18.84 | | |
| 5 | 12 | 0 | | 18.98 | 18.79 | 18.77 | | |
| 5 | 12 | 7 | | 18.91 | 18.84 | 18.85 | | |
| 5 | 12 | 13 | | 19.02 | 18.75 | 18.91 | | |
| 5 | 25 | 0 | | 18.92 | 18.87 | 18.71 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3 | 1 | 0 | QPSK | 24.14 | 23.85 | 23.35 | 25.94 | 0.3926 |
| 3 | 1 | 8 | | 23.96 | 24.11 | 23.27 | | |
| 3 | 1 | 14 | | 24.00 | 23.93 | 23.14 | | |
| 3 | 8 | 0 | | 23.06 | 23.02 | 22.31 | | |
| 3 | 8 | 4 | | 23.07 | 23.08 | 22.33 | | |
| 3 | 8 | 7 | | 23.16 | 23.02 | 22.30 | | |
| 3 | 15 | 0 | | 23.17 | 22.98 | 22.30 | | |
| 3 | 1 | 0 | 16-QAM | 23.11 | 23.45 | 22.53 | 25.25 | 0.3350 |
| 3 | 1 | 8 | | 23.40 | 23.42 | 22.50 | | |
| 3 | 1 | 14 | | 22.75 | 23.31 | 22.38 | | |
| 3 | 8 | 0 | | 22.18 | 22.05 | 21.33 | | |
| 3 | 8 | 4 | | 22.30 | 22.06 | 21.46 | | |
| 3 | 8 | 7 | | 22.18 | 22.12 | 21.40 | | |
| 3 | 15 | 0 | | 22.21 | 22.02 | 21.38 | | |
| 3 | 1 | 0 | 64-QAM | 22.23 | 22.14 | 21.76 | 24.10 | 0.2570 |
| 3 | 1 | 8 | | 22.25 | 22.30 | 21.63 | | |
| 3 | 1 | 14 | | 22.26 | 22.00 | 21.40 | | |
| 3 | 8 | 0 | | 21.19 | 21.14 | 20.42 | | |
| 3 | 8 | 4 | | 21.08 | 20.96 | 20.59 | | |
| 3 | 8 | 7 | | 21.08 | 21.02 | 20.30 | | |
| 3 | 15 | 0 | | 21.04 | 20.98 | 20.35 | | |
| 3 | 1 | 0 | 256-QAM | 18.76 | 18.87 | 18.72 | 20.81 | 0.1205 |
| 3 | 1 | 8 | | 18.92 | 18.73 | 18.93 | | |
| 3 | 1 | 14 | | 18.98 | 18.86 | 18.78 | | |
| 3 | 8 | 0 | | 18.91 | 18.82 | 18.75 | | |
| 3 | 8 | 4 | | 18.99 | 18.85 | 18.81 | | |
| 3 | 8 | 7 | | 19.01 | 18.81 | 18.84 | | |
| 3 | 15 | 0 | | 18.88 | 18.90 | 18.79 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4 | 1 | 0 | QPSK | 24.06 | 23.87 | 23.14 | 25.89 | 0.3882 |
| 1.4 | 1 | 3 | | 24.02 | 24.02 | 23.04 | | |
| 1.4 | 1 | 5 | | 23.79 | 24.09 | 23.05 | | |
| 1.4 | 3 | 0 | | 23.93 | 24.01 | 23.08 | | |
| 1.4 | 3 | 1 | | 23.83 | 24.05 | 23.06 | | |
| 1.4 | 3 | 3 | | 23.84 | 23.99 | 23.00 | | |
| 1.4 | 6 | 0 | | 22.97 | 22.99 | 22.17 | | |
| 1.4 | 1 | 0 | 16-QAM | 23.07 | 23.48 | 22.23 | 25.28 | 0.3373 |
| 1.4 | 1 | 3 | | 23.43 | 23.39 | 22.31 | | |
| 1.4 | 1 | 5 | | 23.03 | 23.16 | 22.20 | | |
| 1.4 | 3 | 0 | | 22.99 | 23.13 | 22.41 | | |
| 1.4 | 3 | 1 | | 23.30 | 23.30 | 22.17 | | |
| 1.4 | 3 | 3 | | 22.83 | 23.43 | 22.03 | | |
| 1.4 | 6 | 0 | | 22.02 | 22.11 | 21.35 | | |
| 1.4 | 1 | 0 | 64-QAM | 22.06 | 22.26 | 21.15 | 24.13 | 0.2588 |
| 1.4 | 1 | 3 | | 22.33 | 22.27 | 21.21 | | |
| 1.4 | 1 | 5 | | 21.92 | 21.68 | 21.08 | | |
| 1.4 | 3 | 0 | | 21.95 | 22.23 | 21.20 | | |
| 1.4 | 3 | 1 | | 22.20 | 22.07 | 21.33 | | |
| 1.4 | 3 | 3 | | 22.08 | 22.12 | 21.19 | | |
| 1.4 | 6 | 0 | | 21.05 | 21.11 | 20.33 | | |
| 1.4 | 1 | 0 | 256-QAM | 18.78 | 18.79 | 18.78 | 20.79 | 0.1199 |
| 1.4 | 1 | 3 | | 18.86 | 18.70 | 18.92 | | |
| 1.4 | 1 | 5 | | 18.99 | 18.83 | 18.80 | | |
| 1.4 | 3 | 0 | | 18.98 | 18.82 | 18.70 | | |
| 1.4 | 3 | 1 | | 18.98 | 18.87 | 18.80 | | |
| 1.4 | 3 | 3 | | 18.96 | 18.81 | 18.85 | | |
| 1.4 | 6 | 0 | | 18.91 | 18.85 | 18.79 | | |
| Limit | EIRP < 1W | | | Result | | | Pass | |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = 1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 20 | 1 | 0 | QPSK | 23.66 | 23.46 | 23.28 | 22.51 | 0.1782 |
| 20 | 1 | 49 | | 23.52 | 23.43 | 23.43 | | |
| 20 | 1 | 99 | | 23.48 | 23.46 | 23.52 | | |
| 20 | 50 | 0 | | 22.54 | 22.41 | 22.32 | | |
| 20 | 50 | 24 | | 22.57 | 22.49 | 22.46 | | |
| 20 | 50 | 50 | | 22.50 | 22.48 | 22.45 | | |
| 20 | 100 | 0 | | 22.58 | 22.48 | 22.46 | | |
| 20 | 1 | 0 | 16-QAM | 22.96 | 22.70 | 22.57 | 21.84 | 0.1528 |
| 20 | 1 | 49 | | 22.95 | 22.87 | 22.99 | | |
| 20 | 1 | 99 | | 22.77 | 22.76 | 22.77 | | |
| 20 | 50 | 0 | | 21.55 | 21.43 | 21.35 | | |
| 20 | 50 | 24 | | 21.59 | 21.47 | 21.41 | | |
| 20 | 50 | 50 | | 21.52 | 21.49 | 21.51 | | |
| 20 | 100 | 0 | | 21.58 | 21.48 | 21.50 | | |
| 20 | 1 | 0 | 64-QAM | 21.81 | 21.65 | 21.46 | 20.71 | 0.1178 |
| 20 | 1 | 49 | | 21.86 | 21.65 | 21.71 | | |
| 20 | 1 | 99 | | 21.68 | 21.65 | 21.73 | | |
| 20 | 50 | 0 | | 20.53 | 20.40 | 20.32 | | |
| 20 | 50 | 24 | | 20.59 | 20.47 | 20.40 | | |
| 20 | 50 | 50 | | 20.49 | 20.48 | 20.50 | | |
| 20 | 100 | 0 | | 20.58 | 20.48 | 20.48 | | |
| 20 | 1 | 0 | 256-QAM | 18.73 | 18.80 | 18.56 | 17.65 | 0.0582 |
| 20 | 1 | 49 | | 18.63 | 18.71 | 18.58 | | |
| 20 | 1 | 99 | | 18.54 | 18.74 | 18.68 | | |
| 20 | 50 | 0 | | 18.52 | 18.59 | 18.52 | | |
| 20 | 50 | 24 | | 18.56 | 18.57 | 18.57 | | |
| 20 | 50 | 50 | | 18.54 | 18.74 | 18.55 | | |
| 20 | 100 | 0 | | 18.51 | 18.71 | 18.57 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = 1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15 | 1 | 0 | QPSK | 23.56 | 23.39 | 23.32 | 22.41 | 0.1742 |
| 15 | 1 | 37 | | 23.52 | 23.39 | 23.41 | | |
| 15 | 1 | 74 | | 23.40 | 23.40 | 23.42 | | |
| 15 | 36 | 0 | | 22.55 | 22.36 | 22.36 | | |
| 15 | 36 | 20 | | 22.58 | 22.43 | 22.45 | | |
| 15 | 36 | 39 | | 22.53 | 22.41 | 22.43 | | |
| 15 | 75 | 0 | | 22.59 | 22.43 | 22.44 | | |
| 15 | 1 | 0 | 16-QAM | 22.84 | 22.77 | 22.62 | 21.71 | 0.1483 |
| 15 | 1 | 37 | | 22.86 | 22.71 | 22.72 | | |
| 15 | 1 | 74 | | 22.70 | 22.69 | 22.76 | | |
| 15 | 36 | 0 | | 21.55 | 21.39 | 21.37 | | |
| 15 | 36 | 20 | | 21.59 | 21.45 | 21.45 | | |
| 15 | 36 | 39 | | 21.52 | 21.41 | 21.44 | | |
| 15 | 75 | 0 | | 21.59 | 21.46 | 21.47 | | |
| 15 | 1 | 0 | 64-QAM | 21.82 | 21.67 | 21.48 | 20.67 | 0.1167 |
| 15 | 1 | 37 | | 21.77 | 21.67 | 21.62 | | |
| 15 | 1 | 74 | | 21.62 | 21.55 | 21.67 | | |
| 15 | 36 | 0 | | 20.53 | 20.39 | 20.36 | | |
| 15 | 36 | 20 | | 20.57 | 20.45 | 20.46 | | |
| 15 | 36 | 39 | | 20.52 | 20.42 | 20.44 | | |
| 15 | 75 | 0 | | 20.58 | 20.45 | 20.47 | | |
| 15 | 1 | 0 | 256-QAM | 18.66 | 18.76 | 18.64 | 17.63 | 0.0579 |
| 15 | 1 | 37 | | 18.68 | 18.78 | 18.67 | | |
| 15 | 1 | 74 | | 18.51 | 18.75 | 18.64 | | |
| 15 | 36 | 0 | | 18.46 | 18.52 | 18.58 | | |
| 15 | 36 | 20 | | 18.53 | 18.59 | 18.56 | | |
| 15 | 36 | 39 | | 18.53 | 18.76 | 18.55 | | |
| 15 | 75 | 0 | | 18.52 | 18.75 | 18.58 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = 1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10 | 1 | 0 | QPSK | 23.65 | 23.54 | 23.51 | 22.50 | 0.1778 |
| 10 | 1 | 25 | | 23.64 | 23.53 | 23.59 | | |
| 10 | 1 | 49 | | 23.63 | 23.55 | 23.60 | | |
| 10 | 25 | 0 | | 22.70 | 22.56 | 22.56 | | |
| 10 | 25 | 12 | | 22.76 | 22.63 | 22.58 | | |
| 10 | 25 | 25 | | 22.70 | 22.61 | 22.64 | | |
| 10 | 50 | 0 | | 22.75 | 22.61 | 22.55 | | |
| 10 | 1 | 0 | 16-QAM | 23.00 | 23.00 | 22.94 | 21.85 | 0.1531 |
| 10 | 1 | 25 | | 22.94 | 22.89 | 22.93 | | |
| 10 | 1 | 49 | | 22.94 | 22.99 | 22.96 | | |
| 10 | 25 | 0 | | 21.72 | 21.58 | 21.57 | | |
| 10 | 25 | 12 | | 21.79 | 21.65 | 21.63 | | |
| 10 | 25 | 25 | | 21.73 | 21.64 | 21.66 | | |
| 10 | 50 | 0 | | 21.77 | 21.62 | 21.57 | | |
| 10 | 1 | 0 | 64-QAM | 21.97 | 21.80 | 21.73 | 20.82 | 0.1208 |
| 10 | 1 | 25 | | 21.92 | 21.78 | 21.77 | | |
| 10 | 1 | 49 | | 21.90 | 21.78 | 21.87 | | |
| 10 | 25 | 0 | | 20.71 | 20.58 | 20.56 | | |
| 10 | 25 | 12 | | 20.78 | 20.65 | 20.60 | | |
| 10 | 25 | 25 | | 20.71 | 20.62 | 20.64 | | |
| 10 | 50 | 0 | | 20.74 | 20.62 | 20.56 | | |
| 10 | 1 | 0 | 256-QAM | 18.67 | 18.76 | 18.61 | 17.69 | 0.0587 |
| 10 | 1 | 25 | | 18.66 | 18.79 | 18.66 | | |
| 10 | 1 | 49 | | 18.51 | 18.84 | 18.71 | | |
| 10 | 25 | 0 | | 18.51 | 18.57 | 18.53 | | |
| 10 | 25 | 12 | | 18.55 | 18.60 | 18.55 | | |
| 10 | 25 | 25 | | 18.55 | 18.76 | 18.59 | | |
| 10 | 50 | 0 | | 18.51 | 18.74 | 18.66 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = 1 dB) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | RB Size | RB Offset | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5 | 1 | 0 | QPSK | 23.58 | 23.48 | 23.52 | 22.49 | 0.1774 |
| 5 | 1 | 12 | | 23.63 | 23.60 | 23.64 | | |
| 5 | 1 | 24 | | 23.56 | 23.46 | 23.52 | | |
| 5 | 12 | 0 | | 22.65 | 22.56 | 22.56 | | |
| 5 | 12 | 7 | | 22.67 | 22.63 | 22.68 | | |
| 5 | 12 | 13 | | 22.62 | 22.57 | 22.64 | | |
| 5 | 25 | 0 | | 22.60 | 22.58 | 22.63 | | |
| 5 | 1 | 0 | 16-QAM | 22.98 | 22.88 | 22.93 | 21.84 | 0.1528 |
| 5 | 1 | 12 | | 22.99 | 22.96 | 22.97 | | |
| 5 | 1 | 24 | | 22.92 | 22.85 | 22.84 | | |
| 5 | 12 | 0 | | 21.71 | 21.59 | 21.60 | | |
| 5 | 12 | 7 | | 21.71 | 21.70 | 21.73 | | |
| 5 | 12 | 13 | | 21.67 | 21.64 | 21.68 | | |
| 5 | 25 | 0 | | 21.63 | 21.61 | 21.66 | | |
| 5 | 1 | 0 | 64-QAM | 21.88 | 21.69 | 21.76 | 20.78 | 0.1197 |
| 5 | 1 | 12 | | 21.92 | 21.85 | 21.93 | | |
| 5 | 1 | 24 | | 21.81 | 21.70 | 21.73 | | |
| 5 | 12 | 0 | | 20.68 | 20.56 | 20.60 | | |
| 5 | 12 | 7 | | 20.68 | 20.68 | 20.74 | | |
| 5 | 12 | 13 | | 20.62 | 20.60 | 20.69 | | |
| 5 | 25 | 0 | | 20.60 | 20.59 | 20.66 | | |
| 5 | 1 | 0 | 256-QAM | 18.75 | 18.75 | 18.56 | 17.60 | 0.0575 |
| 5 | 1 | 12 | | 18.63 | 18.75 | 18.61 | | |
| 5 | 1 | 24 | | 18.51 | 18.75 | 18.63 | | |
| 5 | 12 | 0 | | 18.44 | 18.50 | 18.56 | | |
| 5 | 12 | 7 | | 18.57 | 18.54 | 18.55 | | |
| 5 | 12 | 13 | | 18.54 | 18.75 | 18.54 | | |
| 5 | 25 | 0 | | 18.51 | 18.71 | 18.59 | | |
| Limit | ERP < 3W | | | Result | | | Pass | |

| LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | PCC | | SCC | | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| | RB Size | RB Offset | RB Size | RB Offset | | | | | | |
| 10+10 | 50 | 0 | 50 | 0 | QPSK | 21.27 | 21.17 | 21.22 | 21.77 | 0.1503 |
| 10+10 | 1 | 0 | 1 | 49 | | 12.62 | 12.71 | 12.65 | | |
| 10+10 | 1 | 49 | 1 | 0 | | 23.07 | 22.97 | 23.12 | | |
| 10+10 | 50 | 0 | 50 | 0 | 16-QAM | 20.25 | 20.24 | 20.20 | 21.42 | 0.1387 |
| 10+10 | 1 | 0 | 1 | 49 | | 13.00 | 13.02 | 13.14 | | |
| 10+10 | 1 | 49 | 1 | 0 | | 22.45 | 22.77 | 22.43 | | |
| 10+10 | 50 | 0 | 50 | 0 | 64-QAM | 20.25 | 20.19 | 20.28 | 20.06 | 0.1014 |
| 10+10 | 1 | 0 | 1 | 49 | | 12.94 | 12.84 | 12.89 | | |
| 10+10 | 1 | 49 | 1 | 0 | | 21.41 | 21.35 | 21.38 | | |
| 10+10 | 50 | 0 | 50 | 0 | 256-QAM | 18.27 | 18.21 | 18.26 | 16.98 | 0.0499 |
| 10+10 | 1 | 0 | 1 | 49 | | 12.96 | 12.96 | 12.89 | | |
| 10+10 | 1 | 49 | 1 | 0 | | 18.33 | 18.24 | 18.32 | | |
| 10+5 | 50 | 0 | 25 | 0 | QPSK | 21.15 | 20.25 | 21.25 | 21.84 | 0.1528 |
| 10+5 | 1 | 0 | 1 | 24 | | 13.21 | 13.12 | 13.24 | | |
| 10+5 | 1 | 49 | 1 | 0 | | 23.09 | 23.19 | 23.11 | | |
| 10+5 | 50 | 0 | 25 | 0 | 16-QAM | 20.23 | 20.22 | 20.21 | 21.21 | 0.1321 |
| 10+5 | 1 | 0 | 1 | 24 | | 13.51 | 13.42 | 13.55 | | |
| 10+5 | 1 | 49 | 1 | 0 | | 22.56 | 22.42 | 22.52 | | |
| 10+5 | 50 | 0 | 25 | 0 | 64-QAM | 20.21 | 20.19 | 20.27 | 20.15 | 0.1035 |
| 10+5 | 1 | 0 | 1 | 24 | | 13.46 | 13.37 | 13.45 | | |
| 10+5 | 1 | 49 | 1 | 0 | | 21.39 | 21.29 | 21.50 | | |
| 10+5 | 50 | 0 | 25 | 0 | 256-QAM | 18.23 | 18.14 | 18.23 | 17.03 | 0.0505 |
| 10+5 | 1 | 0 | 1 | 24 | | 13.44 | 13.42 | 13.42 | | |
| 10+5 | 1 | 49 | 1 | 0 | | 18.25 | 18.30 | 18.38 | | |
| 5+10 | 25 | 0 | 50 | 0 | QPSK | 21.17 | 21.21 | 21.24 | 21.76 | 0.1500 |
| 5+10 | 1 | 0 | 1 | 49 | | 13.17 | 13.19 | 13.13 | | |
| 5+10 | 1 | 24 | 1 | 0 | | 22.89 | 23.06 | 23.11 | | |
| 5+10 | 25 | 0 | 50 | 0 | 16-QAM | 20.22 | 20.25 | 20.26 | 21.12 | 0.1294 |
| 5+10 | 1 | 0 | 1 | 49 | | 13.07 | 13.52 | 13.06 | | |
| 5+10 | 1 | 24 | 1 | 0 | | 22.13 | 22.47 | 22.05 | | |
| 5+10 | 25 | 0 | 50 | 0 | 64-QAM | 20.19 | 20.25 | 20.22 | 20.10 | 0.1023 |
| 5+10 | 1 | 0 | 1 | 49 | | 13.15 | 13.38 | 13.21 | | |
| 5+10 | 1 | 24 | 1 | 0 | | 21.09 | 21.45 | 21.16 | | |
| 5+10 | 25 | 0 | 50 | 0 | 256-QAM | 18.19 | 18.22 | 18.25 | 16.98 | 0.0499 |
| 5+10 | 1 | 0 | 1 | 49 | | 13.20 | 13.30 | 13.15 | | |
| 5+10 | 1 | 24 | 1 | 0 | | 18.16 | 18.33 | 18.10 | | |
| Limit | ERP < 7W | | | | | Result | | | Pass | |

| LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | PCC | | SCC | | Mod | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| | RB Size | RB Offset | RB Size | RB Offset | | | | | | |
| 5+3 | 25 | 0 | 15 | 0 | QPSK | 23.33 | 23.30 | 23.30 | 21.98 | 0.1578 |
| 5+3 | 1 | 0 | 1 | 14 | | 13.28 | 13.26 | 13.24 | | |
| 5+3 | 1 | 24 | 1 | 0 | | 23.21 | 23.23 | 23.16 | | |
| 5+3 | 25 | 0 | 15 | 0 | 16-QAM | 23.39 | 23.31 | 22.95 | 22.25 | 0.1679 |
| 5+3 | 1 | 0 | 1 | 14 | | 13.43 | 13.65 | 13.63 | | |
| 5+3 | 1 | 24 | 1 | 0 | | 23.60 | 23.47 | 22.89 | | |
| 5+3 | 25 | 0 | 15 | 0 | 64-QAM | 22.81 | 23.18 | 21.98 | 21.83 | 0.1524 |
| 5+3 | 1 | 0 | 1 | 14 | | 13.57 | 13.58 | 13.46 | | |
| 5+3 | 1 | 24 | 1 | 0 | | 22.80 | 23.14 | 21.91 | | |
| 5+3 | 25 | 0 | 15 | 0 | 256-QAM | 21.79 | 22.14 | 21.02 | 20.79 | 0.1199 |
| 5+3 | 1 | 0 | 1 | 14 | | 13.41 | 13.41 | 13.47 | | |
| 5+3 | 1 | 24 | 1 | 0 | | 21.70 | 22.13 | 20.70 | | |
| 3+5 | 15 | 0 | 25 | 0 | QPSK | 23.27 | 23.33 | 23.24 | 21.98 | 0.1578 |
| 3+5 | 1 | 0 | 1 | 24 | | 13.18 | 13.25 | 13.16 | | |
| 3+5 | 1 | 14 | 1 | 0 | | 23.15 | 23.27 | 23.17 | | |
| 3+5 | 15 | 0 | 25 | 0 | 16-QAM | 23.28 | 23.41 | 23.10 | 22.25 | 0.1679 |
| 3+5 | 1 | 0 | 1 | 24 | | 13.58 | 13.66 | 13.33 | | |
| 3+5 | 1 | 14 | 1 | 0 | | 23.46 | 23.60 | 23.07 | | |
| 3+5 | 15 | 0 | 25 | 0 | 64-QAM | 22.86 | 23.23 | 22.12 | 21.95 | 0.1567 |
| 3+5 | 1 | 0 | 1 | 24 | | 13.33 | 13.48 | 20.69 | | |
| 3+5 | 1 | 14 | 1 | 0 | | 22.91 | 23.30 | 22.04 | | |
| 3+5 | 15 | 0 | 25 | 0 | 256-QAM | 21.86 | 22.28 | 21.13 | 20.93 | 0.1239 |
| 3+5 | 1 | 0 | 1 | 24 | | 13.35 | 13.53 | 13.40 | | |
| 3+5 | 1 | 14 | 1 | 0 | | 21.76 | 22.21 | 20.94 | | |
| Limit | ERP < 7W | | | | | Result | | | Pass | |

| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | PCC | | SCC | | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| | RB Size | RB Offset | RB Size | RB Offset | | | | | | |
| 10+10 | 50 | 0 | 50 | 0 | QPSK | 21.93 | 21.87 | 21.83 | 25.65 | 0.3673 |
| 10+10 | 1 | 0 | 1 | 49 | | 13.47 | 13.40 | 13.42 | | |
| 10+10 | 1 | 49 | 1 | 0 | | 23.81 | 23.85 | 23.80 | | |
| 10+10 | 50 | 0 | 50 | 0 | 16-QAM | 20.92 | 20.88 | 20.84 | 24.89 | 0.3083 |
| 10+10 | 1 | 0 | 1 | 49 | | 13.99 | 13.48 | 13.83 | | |
| 10+10 | 1 | 49 | 1 | 0 | | 23.08 | 23.06 | 23.09 | | |
| 10+10 | 50 | 0 | 50 | 0 | 64-QAM | 20.81 | 20.89 | 20.84 | 23.30 | 0.2138 |
| 10+10 | 1 | 0 | 1 | 49 | | 13.93 | 13.61 | 13.74 | | |
| 10+10 | 1 | 49 | 1 | 0 | | 20.56 | 20.87 | 21.50 | | |
| 10+10 | 50 | 0 | 50 | 0 | 256-QAM | 18.93 | 18.88 | 18.85 | 20.91 | 0.1233 |
| 10+10 | 1 | 0 | 1 | 49 | | 13.59 | 13.57 | 13.55 | | |
| 10+10 | 1 | 49 | 1 | 0 | | 19.11 | 19.03 | 19.06 | | |
| 15+5 | 75 | 0 | 25 | 0 | QPSK | 21.94 | 21.85 | 21.75 | 25.66 | 0.3681 |
| 15+5 | 1 | 0 | 1 | 24 | | 20.74 | 21.16 | 20.89 | | |
| 15+5 | 1 | 74 | 1 | 0 | | 23.86 | 23.85 | 23.71 | | |
| 15+5 | 75 | 0 | 25 | 0 | 16-QAM | 20.93 | 20.89 | 20.77 | 25.00 | 0.3162 |
| 15+5 | 1 | 0 | 1 | 24 | | 21.07 | 21.51 | 21.04 | | |
| 15+5 | 1 | 74 | 1 | 0 | | 23.11 | 23.20 | 23.01 | | |
| 15+5 | 75 | 0 | 25 | 0 | 64-QAM | 20.91 | 20.86 | 20.74 | 23.18 | 0.2080 |
| 15+5 | 1 | 0 | 1 | 24 | | 20.90 | 21.24 | 21.03 | | |
| 15+5 | 1 | 74 | 1 | 0 | | 20.58 | 21.38 | 21.14 | | |
| 15+5 | 75 | 0 | 25 | 0 | 256-QAM | 18.95 | 18.89 | 18.79 | 22.07 | 0.1611 |
| 15+5 | 1 | 0 | 1 | 24 | | 19.92 | 20.27 | 19.82 | | |
| 15+5 | 1 | 74 | 1 | 0 | | 19.20 | 19.16 | 19.04 | | |
| 5+15 | 25 | 0 | 75 | 0 | QPSK | 21.99 | 21.87 | 21.79 | 25.62 | 0.3648 |
| 5+15 | 1 | 0 | 1 | 74 | | 20.69 | 21.71 | 21.03 | | |
| 5+15 | 1 | 24 | 1 | 0 | | 23.82 | 23.75 | 23.67 | | |
| 5+15 | 25 | 0 | 75 | 0 | 16-QAM | 21.01 | 20.90 | 20.89 | 24.97 | 0.3141 |
| 5+15 | 1 | 0 | 1 | 74 | | 20.97 | 21.94 | 21.29 | | |
| 5+15 | 1 | 24 | 1 | 0 | | 23.17 | 23.16 | 23.05 | | |
| 5+15 | 25 | 0 | 75 | 0 | 64-QAM | 21.01 | 20.91 | 20.88 | 23.97 | 0.2495 |
| 5+15 | 1 | 0 | 1 | 74 | | 20.82 | 21.76 | 21.06 | | |
| 5+15 | 1 | 24 | 1 | 0 | | 20.77 | 22.17 | 21.43 | | |
| 5+15 | 25 | 0 | 75 | 0 | 256-QAM | 18.98 | 18.93 | 18.85 | 22.54 | 0.1795 |
| 5+15 | 1 | 0 | 1 | 74 | | 19.84 | 20.74 | 19.98 | | |
| 5+15 | 1 | 24 | 1 | 0 | | 19.04 | 19.12 | 19.07 | | |
| Limit | EIRP < 1W | | | | | Result | | | Pass | |

| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | PCC | | SCC | | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| | RB Size | RB Offset | RB Size | RB Offset | | | | | | |
| 10+5 | 50 | 0 | 25 | 0 | QPSK | 21.90 | 21.86 | 21.74 | 25.65 | 0.3673 |
| 10+5 | 1 | 0 | 1 | 24 | | 13.98 | 13.86 | 13.78 | | |
| 10+5 | 1 | 49 | 1 | 0 | | 23.85 | 23.83 | 23.72 | | |
| 10+5 | 50 | 0 | 25 | 0 | 16-QAM | 20.96 | 20.87 | 20.82 | 25.03 | 0.3184 |
| 10+5 | 1 | 0 | 1 | 24 | | 14.58 | 14.10 | 14.18 | | |
| 10+5 | 1 | 49 | 1 | 0 | | 23.23 | 23.02 | 23.05 | | |
| 10+5 | 50 | 0 | 25 | 0 | 64-QAM | 20.80 | 20.83 | 20.78 | 23.06 | 0.2023 |
| 10+5 | 1 | 0 | 1 | 24 | | 14.24 | 14.17 | 14.20 | | |
| 10+5 | 1 | 49 | 1 | 0 | | 20.49 | 21.26 | 21.25 | | |
| 10+5 | 50 | 0 | 25 | 0 | 256-QAM | 18.95 | 18.84 | 18.79 | 20.97 | 0.1250 |
| 10+5 | 1 | 0 | 1 | 24 | | 14.00 | 13.89 | 14.00 | | |
| 10+5 | 1 | 49 | 1 | 0 | | 19.17 | 18.98 | 18.99 | | |
| 5+10 | 25 | 0 | 50 | 0 | QPSK | 21.93 | 21.84 | 21.74 | 25.50 | 0.3548 |
| 5+10 | 1 | 0 | 1 | 49 | | 13.89 | 13.98 | 13.82 | | |
| 5+10 | 1 | 24 | 1 | 0 | | 23.70 | 23.66 | 23.70 | | |
| 5+10 | 25 | 0 | 50 | 0 | 16-QAM | 20.98 | 20.80 | 20.76 | 24.98 | 0.3148 |
| 5+10 | 1 | 0 | 1 | 49 | | 14.60 | 13.99 | 13.94 | | |
| 5+10 | 1 | 24 | 1 | 0 | | 23.18 | 22.72 | 22.71 | | |
| 5+10 | 25 | 0 | 50 | 0 | 64-QAM | 21.01 | 20.86 | 20.77 | 23.06 | 0.2023 |
| 5+10 | 1 | 0 | 1 | 49 | | 14.23 | 13.85 | 13.87 | | |
| 5+10 | 1 | 24 | 1 | 0 | | 20.98 | 21.26 | 21.25 | | |
| 5+10 | 25 | 0 | 50 | 0 | 256-QAM | 18.95 | 18.87 | 18.73 | 21.00 | 0.1259 |
| 5+10 | 1 | 0 | 1 | 49 | | 14.13 | 13.70 | 13.67 | | |
| 5+10 | 1 | 24 | 1 | 0 | | 19.20 | 18.76 | 18.74 | | |
| 5+5 | 25 | 0 | 25 | 0 | QPSK | 22.08 | 22.02 | 21.94 | 25.79 | 0.3793 |
| 5+5 | 1 | 0 | 1 | 24 | | 20.87 | 20.98 | 20.82 | | |
| 5+5 | 1 | 24 | 1 | 0 | | 23.81 | 23.99 | 23.93 | | |
| 5+5 | 25 | 0 | 25 | 0 | 16-QAM | 21.09 | 20.98 | 20.94 | 25.03 | 0.3184 |
| 5+5 | 1 | 0 | 1 | 24 | | 21.18 | 21.16 | 21.01 | | |
| 5+5 | 1 | 24 | 1 | 0 | | 23.16 | 23.23 | 23.11 | | |
| 5+5 | 25 | 0 | 25 | 0 | 64-QAM | 21.15 | 21.01 | 20.98 | 23.09 | 0.2037 |
| 5+5 | 1 | 0 | 1 | 24 | | 20.99 | 21.22 | 21.05 | | |
| 5+5 | 1 | 24 | 1 | 0 | | 20.78 | 21.03 | 21.29 | | |
| 5+5 | 25 | 0 | 25 | 0 | 256-QAM | 19.08 | 19.04 | 18.94 | 21.96 | 0.1570 |
| 5+5 | 1 | 0 | 1 | 24 | | 19.99 | 20.16 | 20.03 | | |
| 5+5 | 1 | 24 | 1 | 0 | | 19.28 | 19.07 | 19.08 | | |
| Limit | EIRP < 1W | | | | | Result | | | Pass | |

| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | PCC | | SCC | | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| | RB Size | RB Offset | RB Size | RB Offset | | | | | | |
| 20+20 | 100 | 0 | 100 | 0 | QPSK | 21.83 | 21.85 | 21.90 | 25.48 | 0.3532 |
| 20+20 | 1 | 0 | 1 | 99 | | 15.44 | 15.48 | 15.38 | | |
| 20+20 | 1 | 99 | 1 | 0 | | 23.68 | 23.60 | 23.38 | | |
| 20+20 | 100 | 0 | 100 | 0 | 16-QAM | 20.87 | 20.92 | 20.89 | 24.89 | 0.3083 |
| 20+20 | 1 | 0 | 1 | 99 | | 15.84 | 15.83 | 15.96 | | |
| 20+20 | 1 | 99 | 1 | 0 | | 23.09 | 22.98 | 23.06 | | |
| 20+20 | 100 | 0 | 100 | 0 | 64-QAM | 20.63 | 20.90 | 20.81 | 22.70 | 0.1862 |
| 20+20 | 1 | 0 | 1 | 99 | | 15.73 | 15.69 | 15.69 | | |
| 20+20 | 1 | 99 | 1 | 0 | | 20.50 | 20.49 | 20.61 | | |
| 20+20 | 100 | 0 | 100 | 0 | 256-QAM | 18.90 | 18.80 | 18.79 | 20.71 | 0.1178 |
| 20+20 | 1 | 0 | 1 | 99 | | 15.61 | 15.65 | 15.52 | | |
| 20+20 | 1 | 99 | 1 | 0 | | 18.91 | 18.80 | 18.84 | | |
| 20+15 | 100 | 0 | 75 | 0 | QPSK | 21.87 | 21.88 | 21.87 | 25.47 | 0.3524 |
| 20+15 | 1 | 0 | 1 | 74 | | 15.50 | 15.27 | 15.54 | | |
| 20+15 | 1 | 74 | 1 | 0 | | 23.64 | 23.60 | 23.67 | | |
| 20+15 | 100 | 0 | 75 | 0 | 16-QAM | 20.90 | 20.85 | 20.87 | 25.08 | 0.3221 |
| 20+15 | 1 | 0 | 1 | 74 | | 15.98 | 15.81 | 15.76 | | |
| 20+15 | 1 | 74 | 1 | 0 | | 23.28 | 23.07 | 23.06 | | |
| 20+15 | 100 | 0 | 75 | 0 | 64-QAM | 20.79 | 20.84 | 20.83 | 23.22 | 0.2099 |
| 20+15 | 1 | 0 | 1 | 74 | | 15.78 | 15.79 | 15.63 | | |
| 20+15 | 1 | 74 | 1 | 0 | | 20.94 | 20.89 | 21.42 | | |
| 20+15 | 100 | 0 | 75 | 0 | 256-QAM | 18.89 | 18.83 | 18.72 | 20.72 | 0.1180 |
| 20+15 | 1 | 0 | 1 | 74 | | 15.63 | 15.45 | 15.43 | | |
| 20+15 | 1 | 74 | 1 | 0 | | 18.92 | 18.86 | 18.79 | | |
| 15+20 | 75 | 0 | 100 | 0 | QPSK | 21.78 | 21.80 | 21.83 | 25.48 | 0.3532 |
| 15+20 | 1 | 0 | 1 | 99 | | 15.64 | 15.18 | 15.12 | | |
| 15+20 | 1 | 74 | 1 | 0 | | 23.61 | 23.68 | 23.67 | | |
| 15+20 | 75 | 0 | 100 | 0 | 16-QAM | 20.83 | 20.85 | 20.78 | 24.97 | 0.3141 |
| 15+20 | 1 | 0 | 1 | 99 | | 15.84 | 16.12 | 16.01 | | |
| 15+20 | 1 | 74 | 1 | 0 | | 23.02 | 23.17 | 23.05 | | |
| 15+20 | 75 | 0 | 100 | 0 | 64-QAM | 20.87 | 20.85 | 20.76 | 23.04 | 0.2014 |
| 15+20 | 1 | 0 | 1 | 99 | | 15.78 | 15.28 | 15.55 | | |
| 15+20 | 1 | 74 | 1 | 0 | | 20.76 | 21.21 | 21.24 | | |
| 15+20 | 75 | 0 | 100 | 0 | 256-QAM | 18.84 | 18.81 | 18.75 | 20.70 | 0.1175 |
| 15+20 | 1 | 0 | 1 | 99 | | 15.54 | 15.53 | 15.54 | | |
| 15+20 | 1 | 74 | 1 | 0 | | 18.90 | 18.79 | 18.75 | | |
| Limit | EIRP < 1W | | | | | Result | | | Pass | |

| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | PCC | | SCC | | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| | RB Size | RB Offset | RB Size | RB Offset | | | | | | |
| 20+10 | 100 | 0 | 50 | 0 | QPSK | 21.95 | 21.85 | 21.69 | 25.44 | 0.3499 |
| 20+10 | 1 | 0 | 1 | 49 | | 15.52 | 15.77 | 15.24 | | |
| 20+10 | 1 | 99 | 1 | 0 | | 23.64 | 23.59 | 23.48 | | |
| 20+10 | 100 | 0 | 50 | 0 | 16-QAM | 20.97 | 20.87 | 20.63 | 24.99 | 0.3155 |
| 20+10 | 1 | 0 | 1 | 49 | | 15.87 | 16.02 | 15.38 | | |
| 20+10 | 1 | 99 | 1 | 0 | | 23.13 | 23.19 | 22.88 | | |
| 20+10 | 100 | 0 | 50 | 0 | 64-QAM | 20.71 | 20.88 | 20.76 | 23.41 | 0.2193 |
| 20+10 | 1 | 0 | 1 | 49 | | 15.63 | 15.51 | 15.36 | | |
| 20+10 | 1 | 99 | 1 | 0 | | 20.73 | 20.55 | 21.61 | | |
| 20+10 | 100 | 0 | 50 | 0 | 256-QAM | 18.84 | 18.72 | 18.70 | 20.81 | 0.1205 |
| 20+10 | 1 | 0 | 1 | 49 | | 15.65 | 15.59 | 15.32 | | |
| 20+10 | 1 | 99 | 1 | 0 | | 19.01 | 18.82 | 18.94 | | |
| 10+20 | 50 | 0 | 100 | 0 | QPSK | 21.94 | 21.92 | 21.86 | 25.57 | 0.3606 |
| 10+20 | 1 | 0 | 1 | 99 | | 15.49 | 15.48 | 15.42 | | |
| 10+20 | 1 | 49 | 1 | 0 | | 23.77 | 23.70 | 23.77 | | |
| 10+20 | 50 | 0 | 100 | 0 | 16-QAM | 20.97 | 20.90 | 20.94 | 25.32 | 0.3404 |
| 10+20 | 1 | 0 | 1 | 99 | | 15.82 | 16.25 | 15.83 | | |
| 10+20 | 1 | 49 | 1 | 0 | | 23.34 | 23.41 | 23.52 | | |
| 10+20 | 50 | 0 | 100 | 0 | 64-QAM | 20.96 | 20.93 | 20.80 | 23.22 | 0.2099 |
| 10+20 | 1 | 0 | 1 | 99 | | 15.65 | 15.60 | 15.69 | | |
| 10+20 | 1 | 49 | 1 | 0 | | 20.68 | 21.42 | 21.08 | | |
| 10+20 | 50 | 0 | 100 | 0 | 256-QAM | 18.90 | 18.81 | 18.80 | 20.81 | 0.1205 |
| 10+20 | 1 | 0 | 1 | 99 | | 15.57 | 15.45 | 15.47 | | |
| 10+20 | 1 | 49 | 1 | 0 | | 19.01 | 18.98 | 18.90 | | |
| 20+5 | 100 | 0 | 25 | 0 | QPSK | 21.91 | 21.74 | 21.77 | 25.58 | 0.3614 |
| 20+5 | 1 | 0 | 1 | 24 | | 15.54 | 15.33 | 15.32 | | |
| 20+5 | 1 | 99 | 1 | 0 | | 23.78 | 23.59 | 23.54 | | |
| 20+5 | 100 | 0 | 25 | 0 | 16-QAM | 21.00 | 20.84 | 20.79 | 25.02 | 0.3177 |
| 20+5 | 1 | 0 | 1 | 24 | | 15.85 | 15.80 | 15.66 | | |
| 20+5 | 1 | 99 | 1 | 0 | | 23.22 | 23.06 | 23.01 | | |
| 20+5 | 100 | 0 | 25 | 0 | 64-QAM | 20.55 | 20.77 | 20.69 | 22.99 | 0.1991 |
| 20+5 | 1 | 0 | 1 | 24 | | 15.75 | 15.70 | 15.61 | | |
| 20+5 | 1 | 99 | 1 | 0 | | 20.52 | 20.83 | 21.19 | | |
| 20+5 | 100 | 0 | 25 | 0 | 256-QAM | 18.81 | 18.71 | 18.67 | 20.84 | 0.1213 |
| 20+5 | 1 | 0 | 1 | 24 | | 15.58 | 15.52 | 15.31 | | |
| 20+5 | 1 | 99 | 1 | 0 | | 19.04 | 18.71 | 18.92 | | |
| Limit | EIRP < 1W | | | | | Result | | | Pass | |

| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | PCC | | SCC | | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| | RB Size | RB Offset | RB Size | RB Offset | | | | | | |
| 5+20 | 25 | 0 | 100 | 0 | QPSK | 21.97 | 21.82 | 21.78 | 25.65 | 0.3673 |
| 5+20 | 1 | 0 | 1 | 99 | | 15.83 | 15.43 | 15.32 | | |
| 5+20 | 1 | 24 | 1 | 0 | | 23.66 | 23.85 | 23.60 | | |
| 5+20 | 25 | 0 | 100 | 0 | 16-QAM | 20.98 | 20.87 | 20.83 | 25.07 | 0.3214 |
| 5+20 | 1 | 0 | 1 | 99 | | 15.82 | 15.91 | 15.73 | | |
| 5+20 | 1 | 24 | 1 | 0 | | 23.26 | 23.27 | 23.23 | | |
| 5+20 | 25 | 0 | 100 | 0 | 64-QAM | 20.69 | 20.89 | 20.80 | 23.04 | 0.2014 |
| 5+20 | 1 | 0 | 1 | 99 | | 15.69 | 15.53 | 15.54 | | |
| 5+20 | 1 | 24 | 1 | 0 | | 20.74 | 21.24 | 20.80 | | |
| 5+20 | 25 | 0 | 100 | 0 | 256-QAM | 18.90 | 18.73 | 18.75 | 20.84 | 0.1213 |
| 5+20 | 1 | 0 | 1 | 99 | | 15.48 | 15.39 | 15.45 | | |
| 5+20 | 1 | 24 | 1 | 0 | | 19.04 | 18.85 | 19.01 | | |
| Limit | EIRP < 1W | | | | | Result | | | Pass | |

| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.8 dB) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | PCC | | SCC | | Mod | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| | RB Size | RB Offset | RB Size | RB Offset | | | | | | |
| 15+10 | 75 | 0 | 50 | 0 | QPSK | 21.88 | 21.82 | 21.76 | 25.38 | 0.3451 |
| 15+10 | 1 | 0 | 1 | 49 | | 15.49 | 15.48 | 15.64 | | |
| 15+10 | 1 | 74 | 1 | 0 | | 23.58 | 23.58 | 23.54 | | |
| 15+10 | 75 | 0 | 50 | 0 | 16-QAM | 20.93 | 20.92 | 20.80 | 24.92 | 0.3105 |
| 15+10 | 1 | 0 | 1 | 49 | | 15.86 | 15.85 | 15.93 | | |
| 15+10 | 1 | 74 | 1 | 0 | | 23.12 | 23.04 | 22.91 | | |
| 15+10 | 75 | 0 | 50 | 0 | 64-QAM | 20.74 | 20.92 | 20.70 | 23.46 | 0.2218 |
| 15+10 | 1 | 0 | 1 | 49 | | 15.69 | 15.95 | 15.21 | | |
| 15+10 | 1 | 74 | 1 | 0 | | 20.52 | 20.86 | 21.66 | | |
| 15+10 | 75 | 0 | 50 | 0 | 256-QAM | 18.85 | 18.82 | 18.76 | 20.70 | 0.1175 |
| 15+10 | 1 | 0 | 1 | 49 | | 15.47 | 15.46 | 15.43 | | |
| 15+10 | 1 | 74 | 1 | 0 | | 18.90 | 18.82 | 18.76 | | |
| 10+15 | 50 | 0 | 75 | 0 | QPSK | 22.01 | 21.87 | 21.89 | 25.48 | 0.3532 |
| 10+15 | 1 | 0 | 1 | 74 | | 15.52 | 15.44 | 15.39 | | |
| 10+15 | 1 | 49 | 1 | 0 | | 23.53 | 23.68 | 23.68 | | |
| 10+15 | 50 | 0 | 75 | 0 | 16-QAM | 20.96 | 20.93 | 20.89 | 24.95 | 0.3126 |
| 10+15 | 1 | 0 | 1 | 74 | | 15.88 | 15.69 | 15.78 | | |
| 10+15 | 1 | 49 | 1 | 0 | | 22.82 | 23.07 | 23.15 | | |
| 10+15 | 50 | 0 | 75 | 0 | 64-QAM | 20.49 | 20.92 | 20.86 | 23.12 | 0.2051 |
| 10+15 | 1 | 0 | 1 | 74 | | 15.77 | 15.71 | 15.58 | | |
| 10+15 | 1 | 49 | 1 | 0 | | 20.41 | 21.04 | 21.32 | | |
| 10+15 | 50 | 0 | 75 | 0 | 256-QAM | 18.87 | 18.79 | 18.78 | 20.90 | 0.1230 |
| 10+15 | 1 | 0 | 1 | 74 | | 15.70 | 15.38 | 15.49 | | |
| 10+15 | 1 | 49 | 1 | 0 | | 19.10 | 18.82 | 18.75 | | |
| 15+15 | 75 | 0 | 75 | 0 | QPSK | 21.77 | 21.72 | 21.86 | 25.41 | 0.3475 |
| 15+15 | 1 | 0 | 1 | 74 | | 15.30 | 15.30 | 15.34 | | |
| 15+15 | 1 | 74 | 1 | 0 | | 23.61 | 23.57 | 23.57 | | |
| 15+15 | 75 | 0 | 75 | 0 | 16-QAM | 20.81 | 20.74 | 20.86 | 24.81 | 0.3027 |
| 15+15 | 1 | 0 | 1 | 74 | | 15.73 | 15.79 | 15.76 | | |
| 15+15 | 1 | 74 | 1 | 0 | | 22.96 | 23.01 | 22.97 | | |
| 15+15 | 75 | 0 | 75 | 0 | 64-QAM | 20.76 | 20.78 | 20.76 | 22.99 | 0.1991 |
| 15+15 | 1 | 0 | 1 | 74 | | 15.66 | 15.71 | 15.63 | | |
| 15+15 | 1 | 74 | 1 | 0 | | 20.18 | 20.89 | 21.19 | | |
| 15+15 | 75 | 0 | 75 | 0 | 256-QAM | 18.84 | 18.82 | 18.70 | 20.69 | 0.1172 |
| 15+15 | 1 | 0 | 1 | 74 | | 15.54 | 15.42 | 15.51 | | |
| 15+15 | 1 | 74 | 1 | 0 | | 18.81 | 18.89 | 18.63 | | |
| Limit | EIRP < 1W | | | | | Result | | | Pass | |

# LTE Band 5B

## 26dB Bandwidth

| Mode | LTE Band 5B : 26dB BW(MHz) | | |
|---|---|---|---|
| QPSK | | | |
| BW | 3MHz+5MHz | 5MHz+3MHz | 5MHz+10MHz |
| Middle CH | 8.14 | 8.20 | 14.69 |
| BW | 10MHz+5MHz | 10MHz+10MHz | N/A |
| Middle CH | 14.81 | 19.54 | - |

| Mode | LTE Band 5B : 26dB BW(MHz) | | |
|---|---|---|---|
| 16QAM | | | |
| BW | 3MHz+5MHz | 5MHz+3MHz | 5MHz+10MHz |
| Middle CH | 8.07 | 8.20 | 14.57 |
| BW | 10MHz+5MHz | 10MHz+10MHz | N/A |
| Middle CH | 14.93 | 19.58 | - |

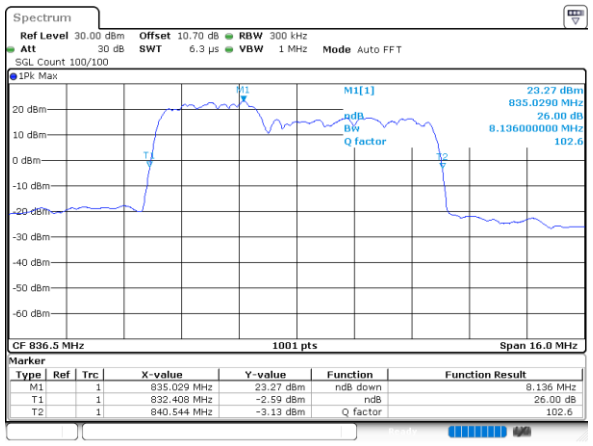
| Mode | LTE Band 5B : 26dB BW(MHz) | | |
|---|---|---|---|
| 64QAM | | | |
| BW | 3MHz+5MHz | 5MHz+3MHz | 5MHz+10MHz |
| Middle CH | 8.06 | 8.15 | 14.60 |
| BW | 10MHz+5MHz | 10MHz+10MHz | N/A |
| Middle CH | 14.57 | 19.70 | - |

| Mode | LTE Band 5B : 26dB BW(MHz) | | |
|---|---|---|---|
| 256QAM | | | |
| BW | 3MHz+5MHz | 5MHz+3MHz | 5MHz+10MHz |
| Middle CH | 8.07 | 8.18 | 14.66 |
| BW | 10MHz+5MHz | 10MHz+10MHz | N/A |
| Middle CH | 14.84 | 19.50 | - |

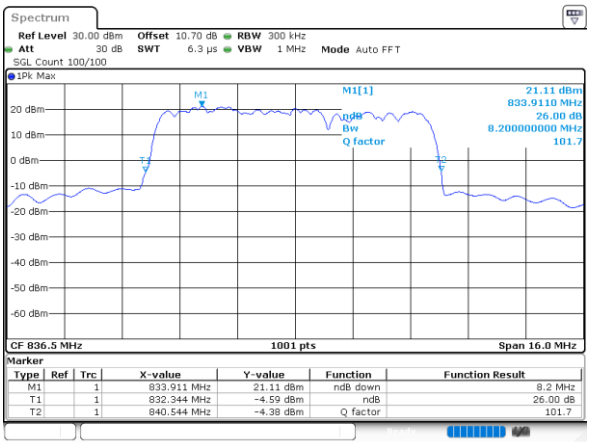
## LTE Band 5B

### QPSK

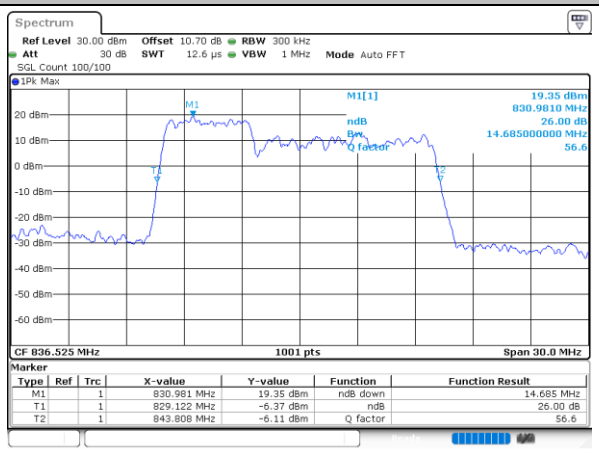
#### Middle Channel / 3MHz+5MHz



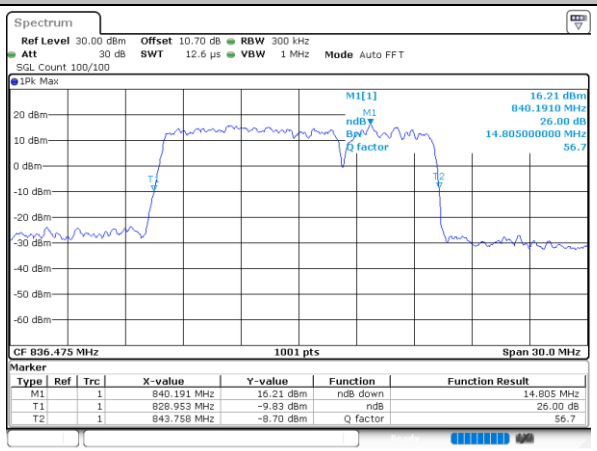

#### Middle Channel / 5MHz+3MHz



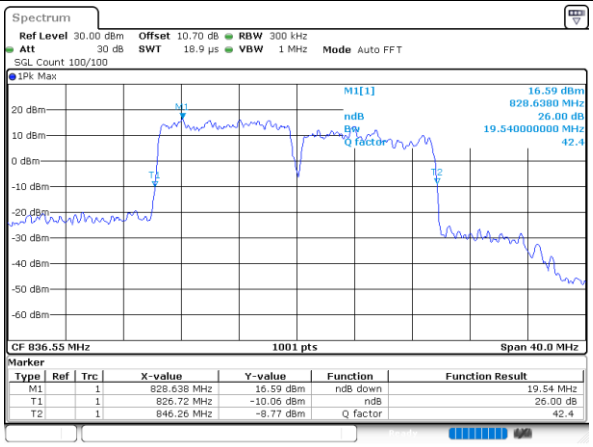

#### Middle Channel / 5MHz+10MHz




#### Middle Channel / 10MHz+5MHz




#### Middle Channel / 10MHz+10MHz

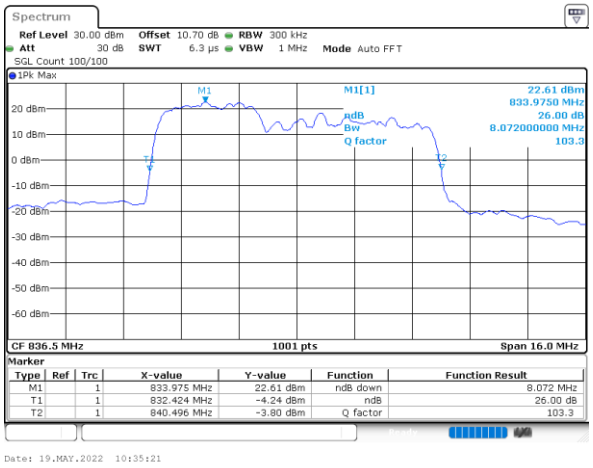



#### N/A

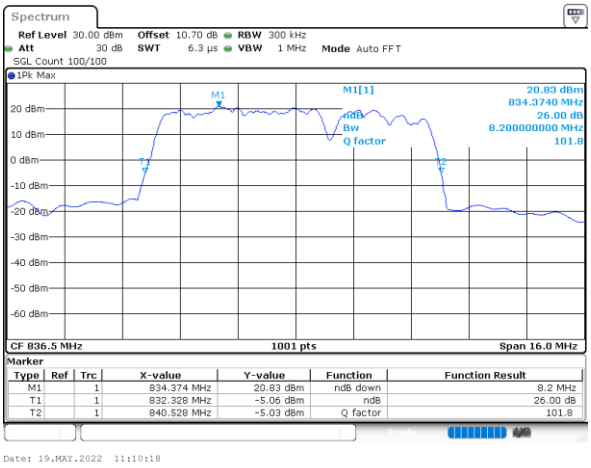
## LTE Band 5B

### 16QAM

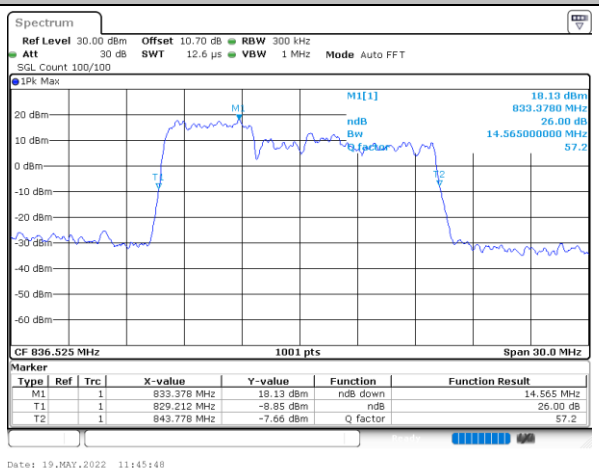
#### Middle Channel / 3MHz+5MHz



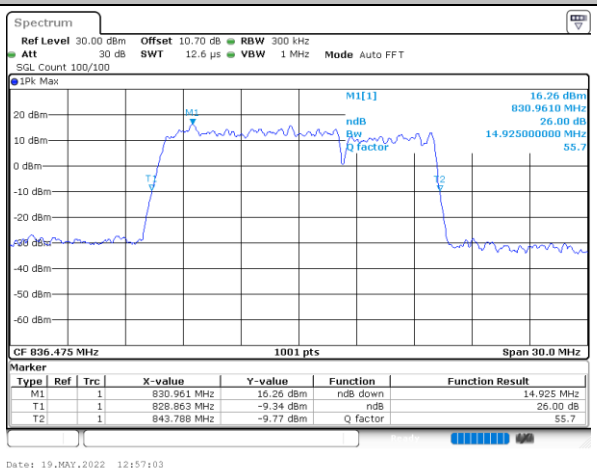

#### Middle Channel / 5MHz+3MHz



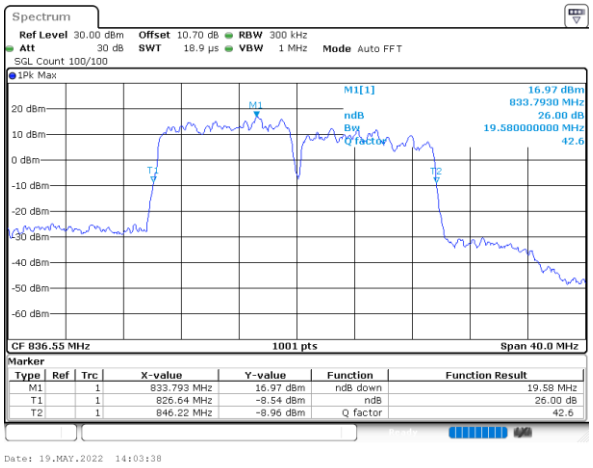

#### Middle Channel / 5MHz+10MHz



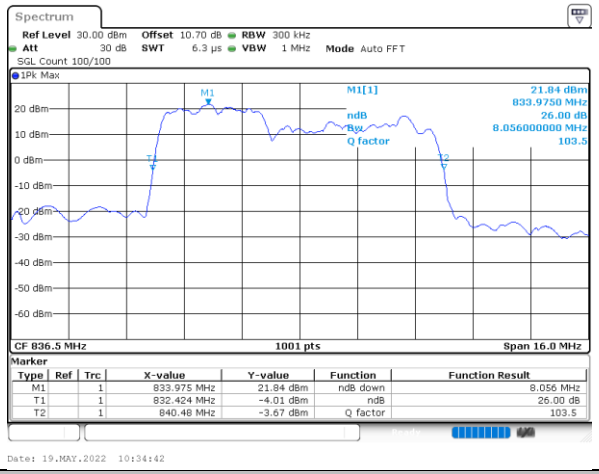
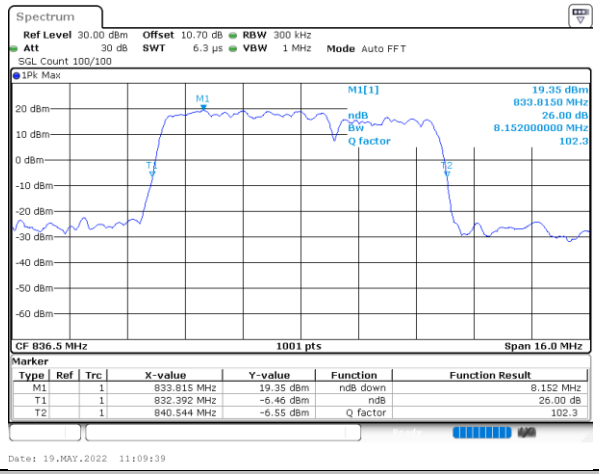
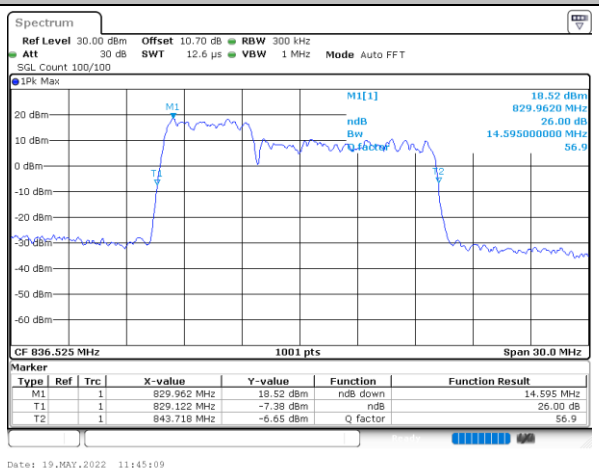
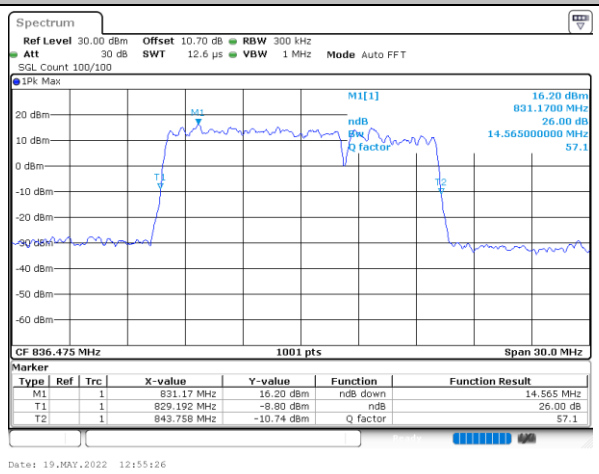
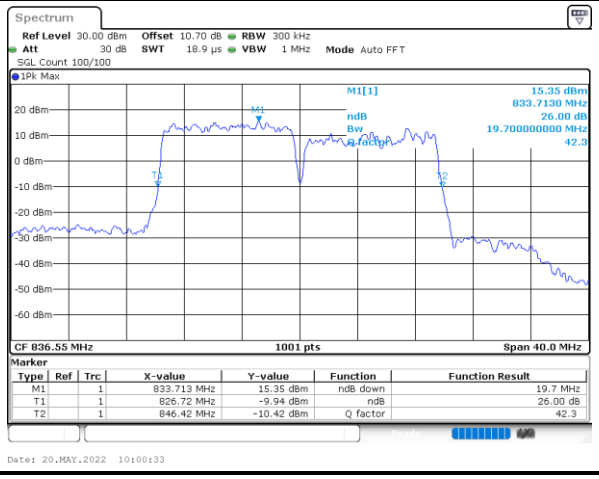

#### Middle Channel / 10MHz+5MHz

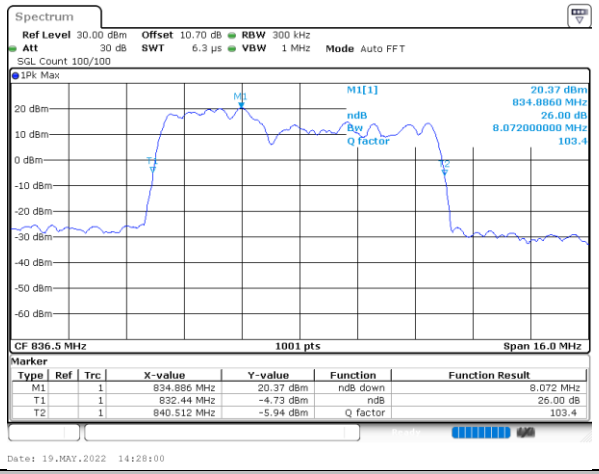
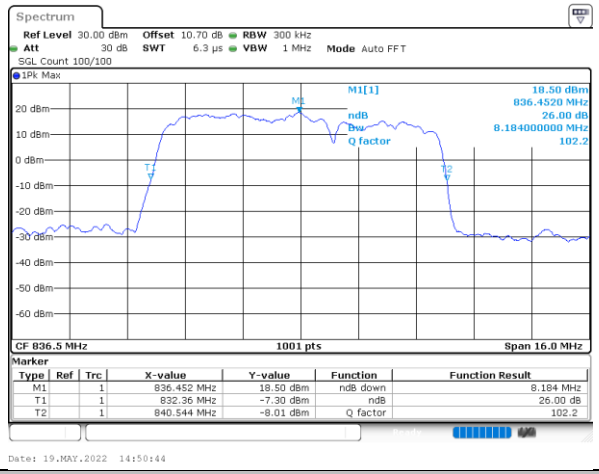
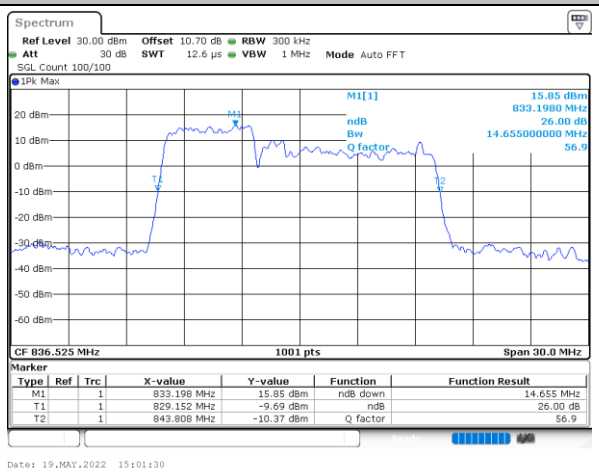
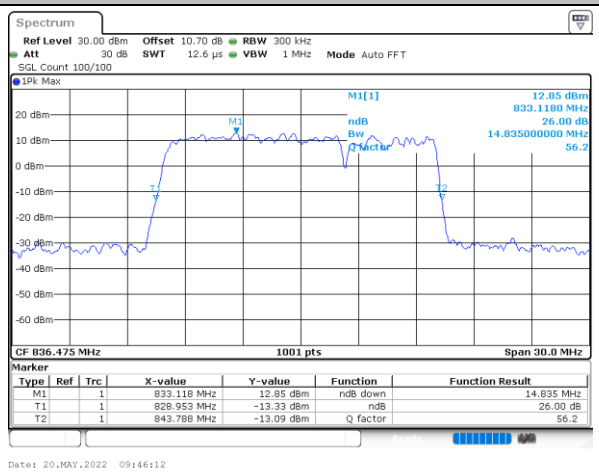
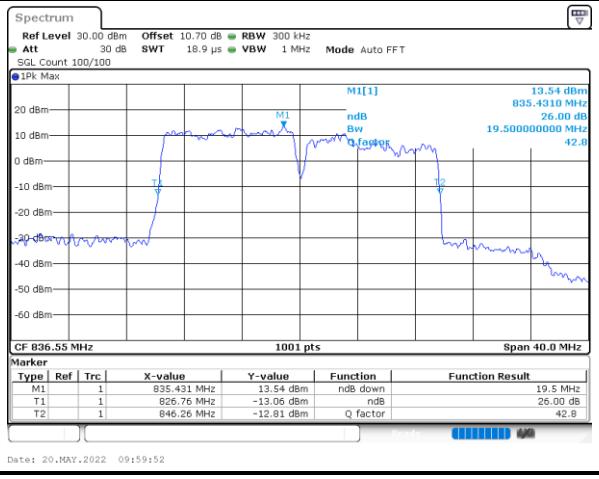



#### Middle Channel / 10MHz+10MHz




#### N/A

| LTE Band 5B | |
|---|---|
| 64QAM | |
| Middle Channel / 3MHz+5MHz | Middle Channel / 5MHz+3MHz |
|  |  |
| Middle Channel / 5MHz+10MHz | Middle Channel / 10MHz+5MHz |
|  |  |
| Middle Channel / 10MHz+10MHz | N/A |
|  | |

| LTE Band 5B | |
|---|---|
| 256QAM | |
| Middle Channel / 3MHz+5MHz | Middle Channel / 5MHz+3MHz |
|  |  |
| Middle Channel / 5MHz+10MHz | Middle Channel / 10MHz+5MHz |
|  |  |
| Middle Channel / 10MHz+10MHz | N/A |
|  | |

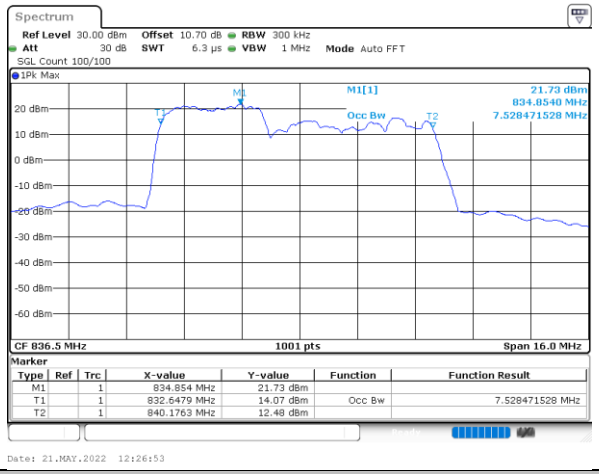
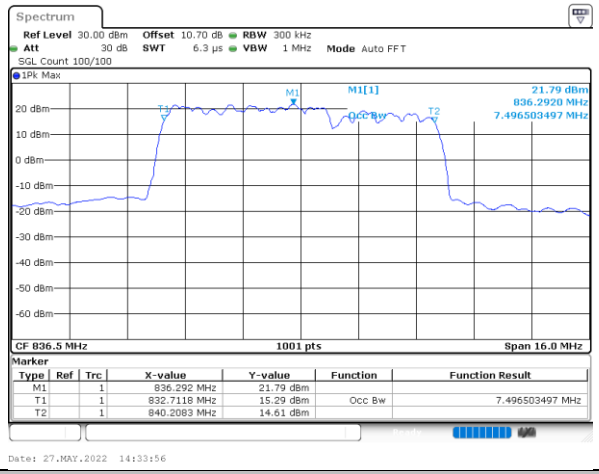
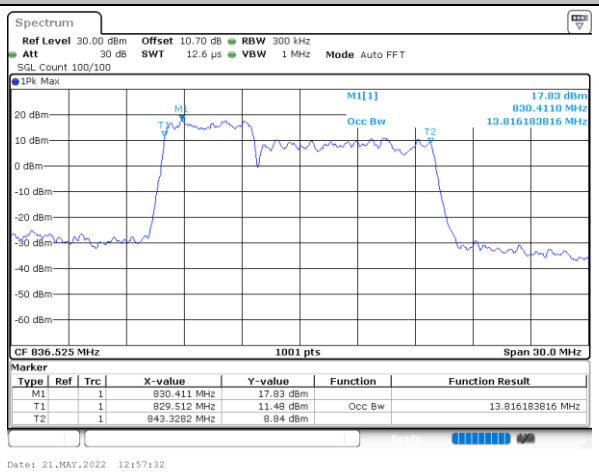
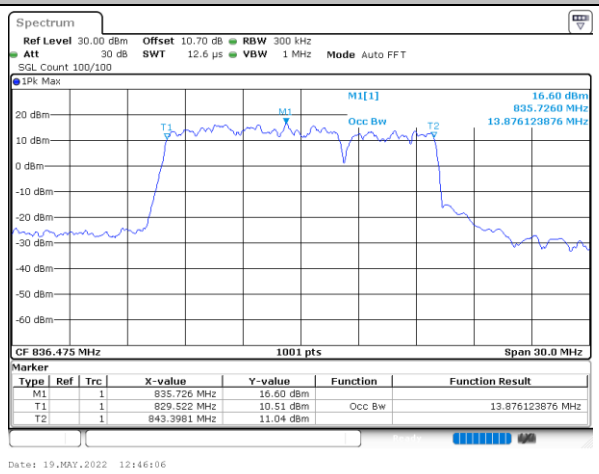
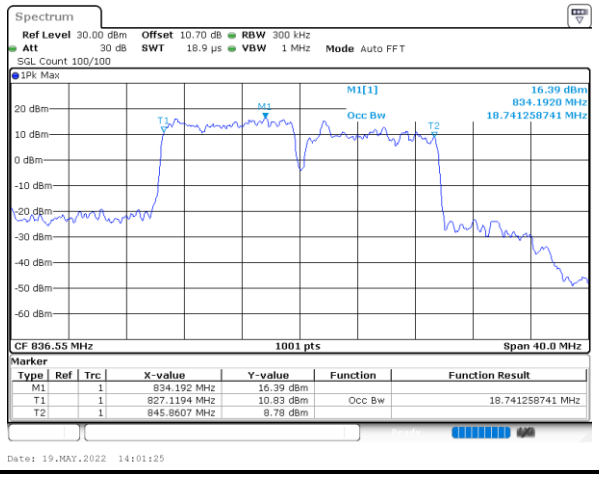
# Occupied Bandwidth

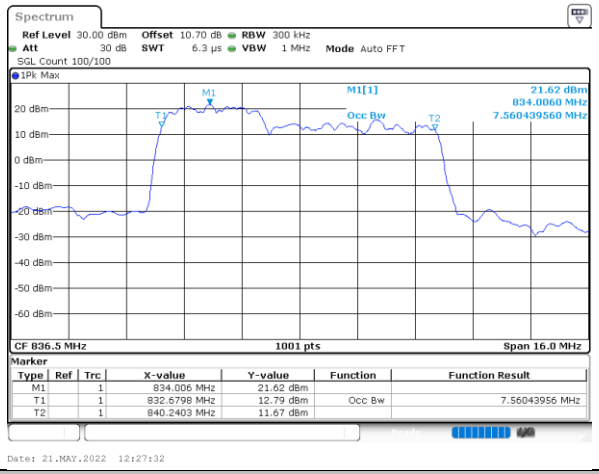
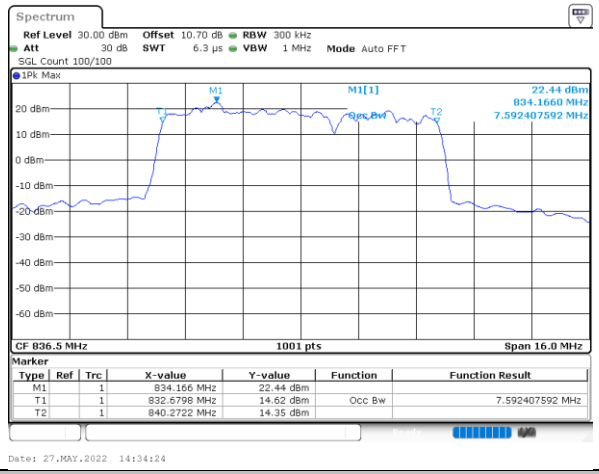
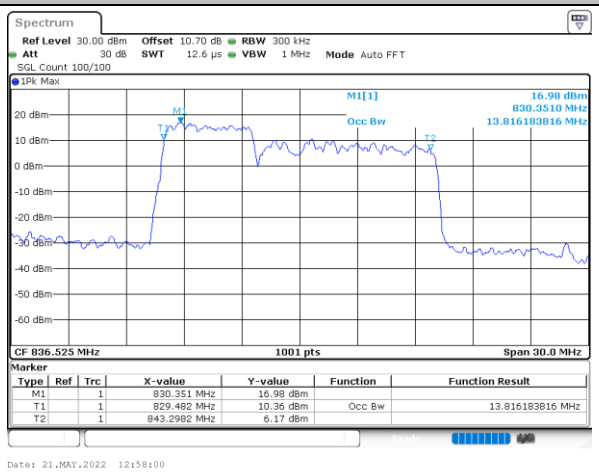
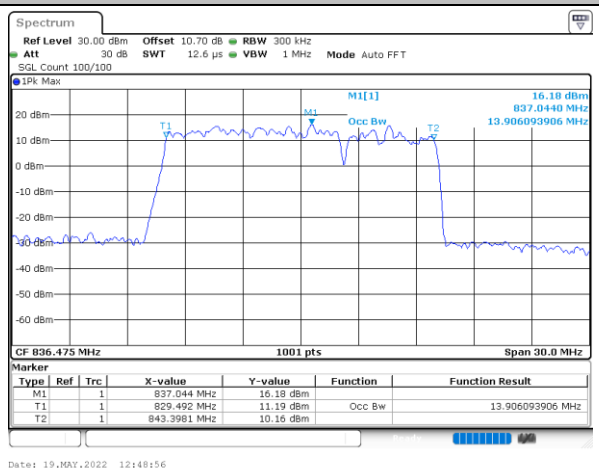
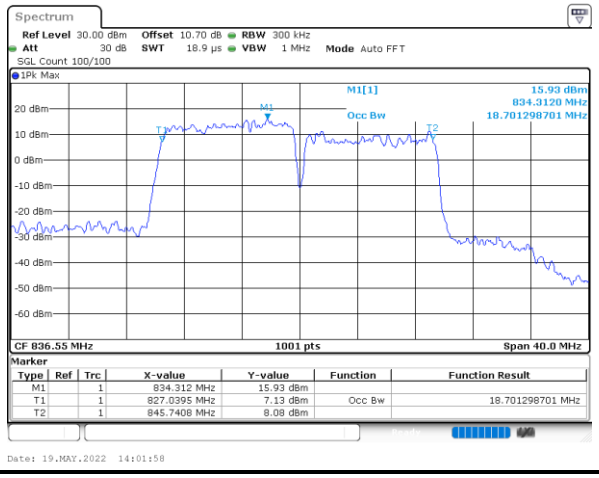
| Mode | LTE Band 5B : 99%OBW(MHz) | | |
|---|---|---|---|
| QPSK | | | |
| BW | 3MHz+5MHz | 5MHz+3MHz | 5MHz+10MHz |
| Middle CH | 7.53 | 7.50 | 13.82 |
| BW | 10MHz+5MHz | 10MHz+10MHz | N/A |
| Middle CH | 13.88 | 18.74 | - |

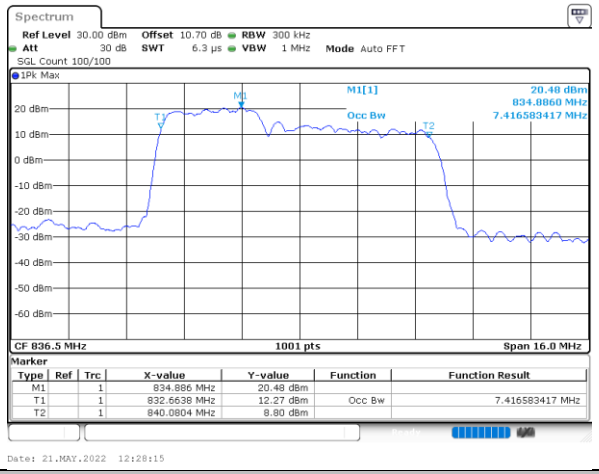
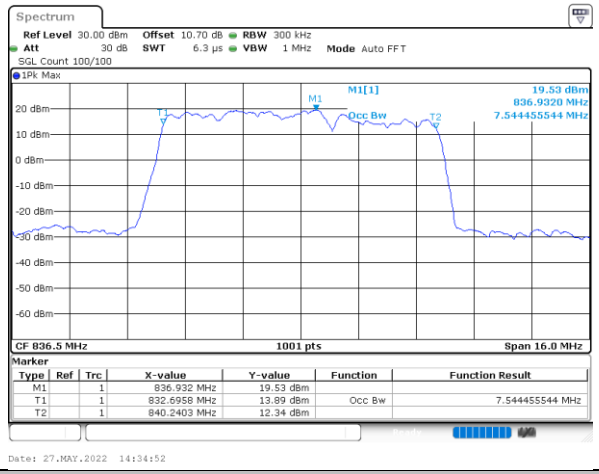
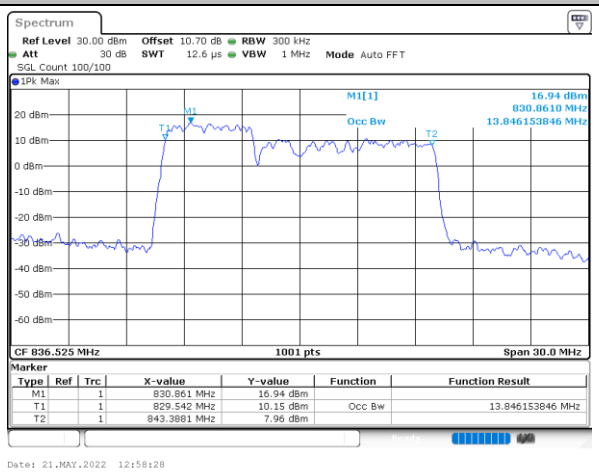
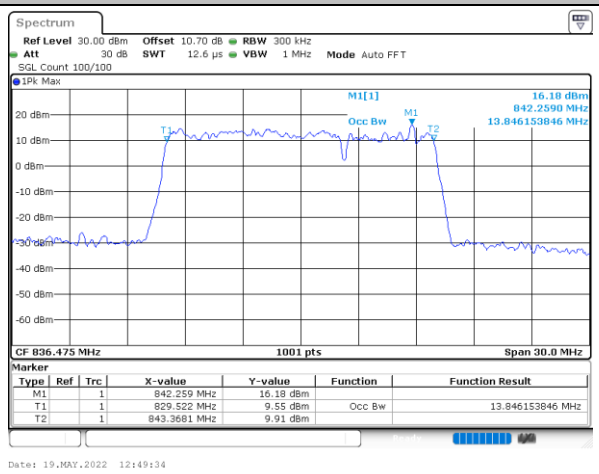
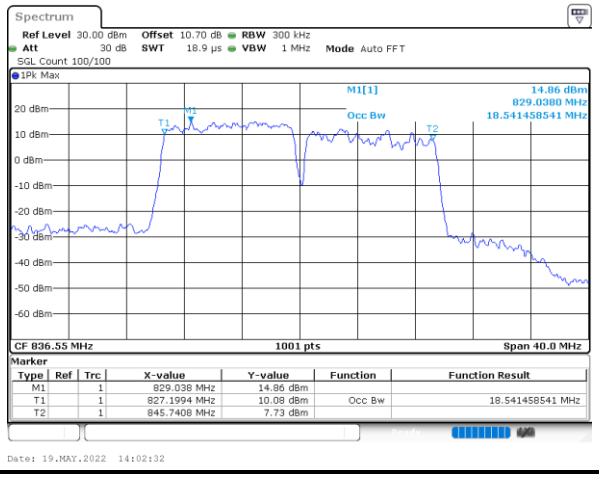
| Mode | LTE Band 5B : 99%OBW(MHz) | | |
|---|---|---|---|
| 16QAM | | | |
| BW | 3MHz+5MHz | 5MHz+3MHz | 5MHz+10MHz |
| Middle CH | 7.56 | 7.59 | 13.82 |
| BW | 10MHz+5MHz | 10MHz+10MHz | N/A |
| Middle CH | 13.91 | 18.70 | - |

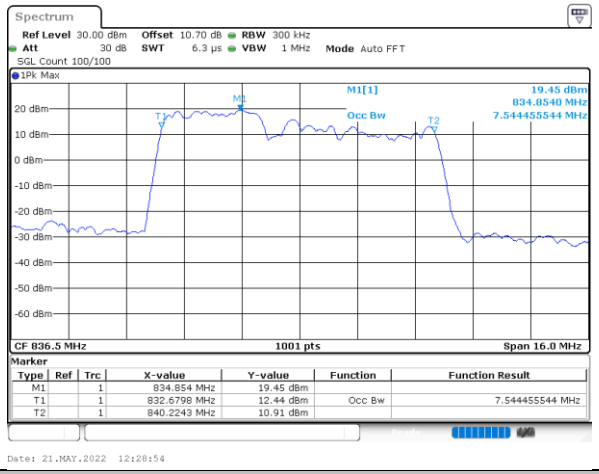
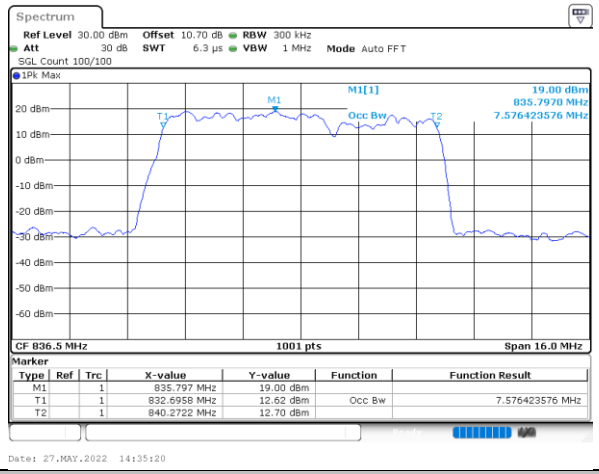
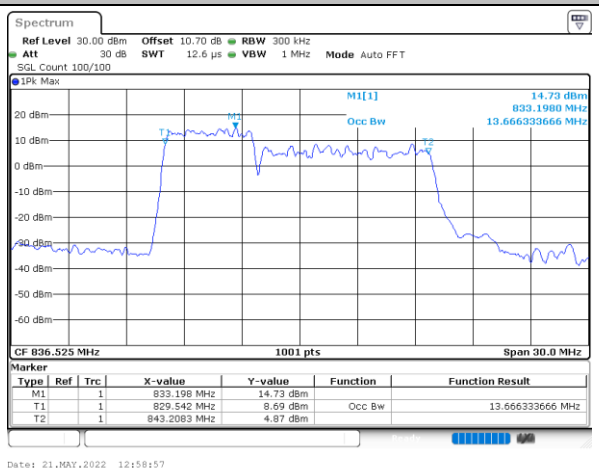
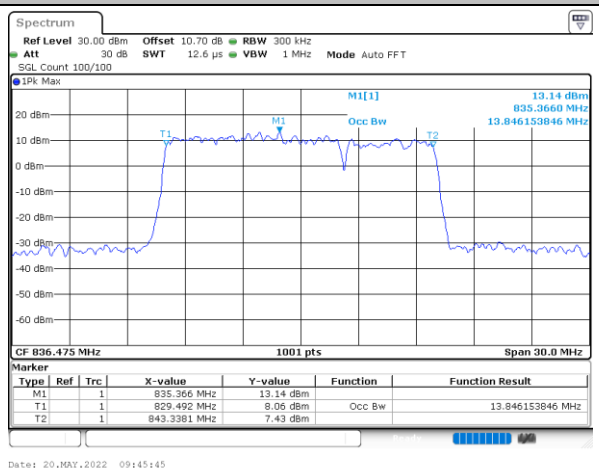
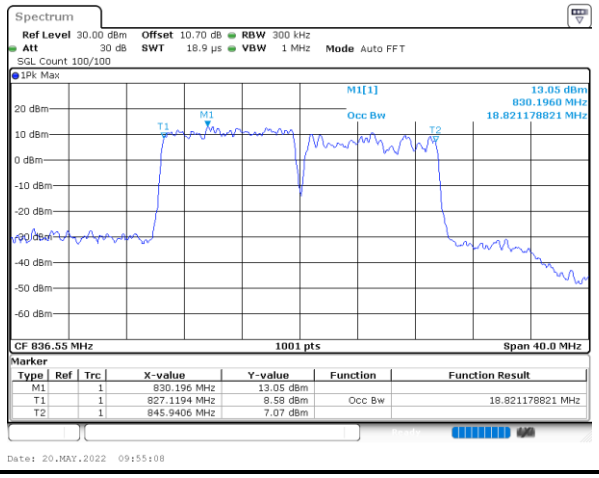
| Mode | LTE Band 5B : 99%OBW(MHz) | | |
|---|---|---|---|
| 64QAM | | | |
| BW | 3MHz+5MHz | 5MHz+3MHz | 5MHz+10MHz |
| Middle CH | 7.42 | 7.54 | 13.85 |
| BW | 10MHz+5MHz | 10MHz+10MHz | N/A |
| Middle CH | 13.85 | 18.54 | - |

| Mode | LTE Band 5B : 99%OBW(MHz) | | |
|---|---|---|---|
| 254QAM | | | |
| BW | 3MHz+5MHz | 5MHz+3MHz | 5MHz+10MHz |
| Middle CH | 7.54 | 7.58 | 13.67 |
| BW | 10MHz+5MHz | 10MHz+10MHz | N/A |
| Middle CH | 13.85 | 18.82 | - |

| LTE Band 5B | |
|---|---|
| QPSK | |
| Middle Channel / 3MHz+5MHz | Middle Channel / 5MHz+3MHz |
|  |  |
| Middle Channel / 5MHz+10MHz | Middle Channel / 10MHz+5MHz |
|  |  |
| Middle Channel / 10MHz+10MHz | N/A |
|  | |

| LTE Band 5B | |
|---|---|
| 16QAM | |
| Middle Channel / 3MHz+5MHz | Middle Channel / 5MHz+3MHz |
|  |  |
| Middle Channel / 5MHz+10MHz | Middle Channel / 10MHz+5MHz |
|  |  |
| Middle Channel / 10MHz+10MHz | N/A |
|  | |

| LTE Band 5B | |
|---|---|
| 64QAM | |
| Middle Channel / 3MHz+5MHz | Middle Channel / 5MHz+3MHz |
|  |  |
| Middle Channel / 5MHz+10MHz | Middle Channel / 10MHz+5MHz |
|  |  |
| Middle Channel / 10MHz+10MHz | N/A |
|  | |

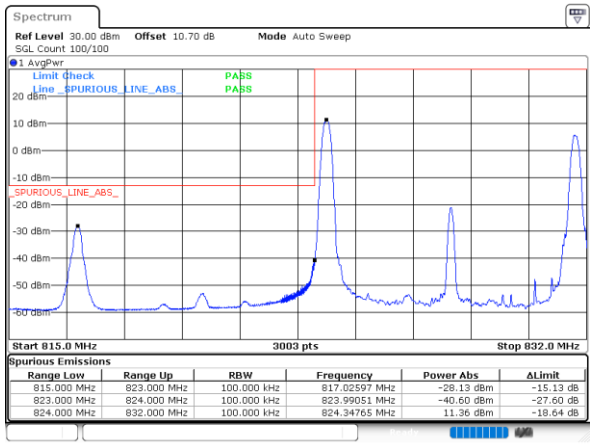
| LTE Band 5B | |
|---|---|
| 256QAM | |
| Middle Channel / 3MHz+5MHz | Middle Channel / 5MHz+3MHz |
|  |  |
| Middle Channel / 5MHz+10MHz | Middle Channel / 10MHz+5MHz |
|  |  |
| Middle Channel / 10MHz+10MHz | N/A |
|  | |

# Conducted Band Edge

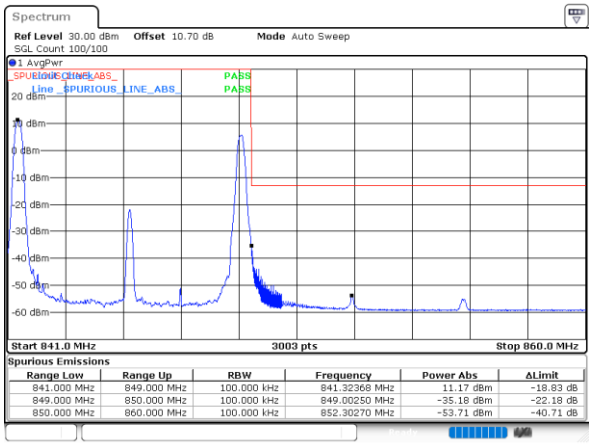
## LTE Band 5B / 3MHz+5MHz

### QPSK

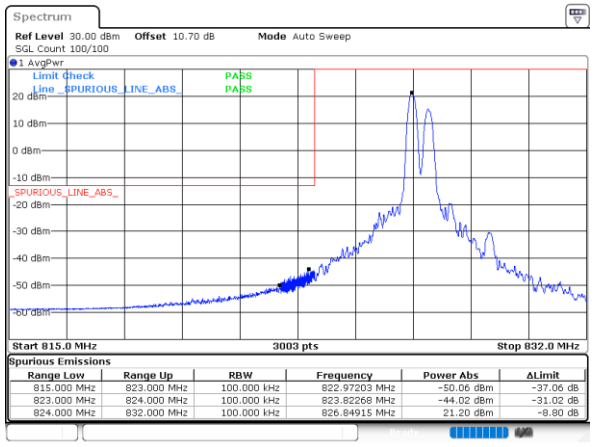
#### Lowest Band Edge / 1RB0 and 1RB24



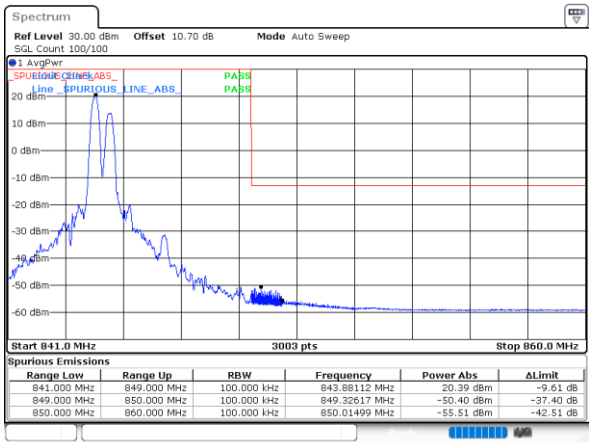

#### Highest Band Edge / 1RB0 and 1RB24



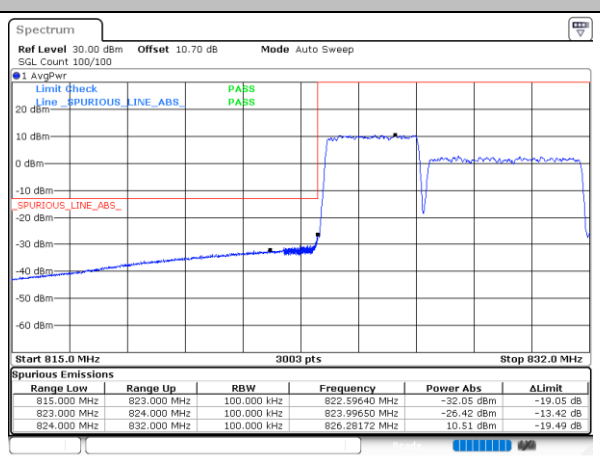

#### Lowest Band Edge / 1RB14 and 1RB0



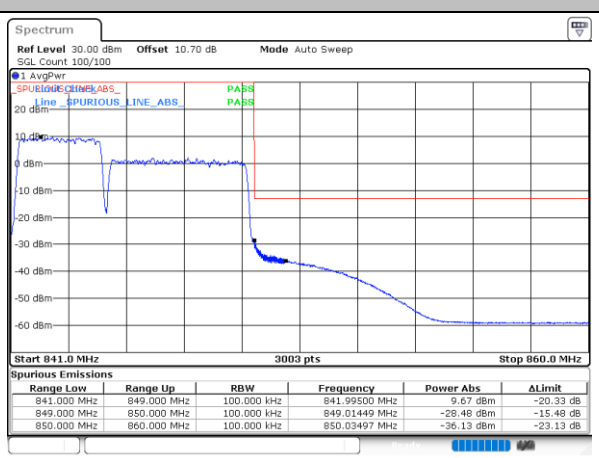

#### Highest Band Edge / 1RB14 and 1RB0




#### Lowest Band Edge / Full RB



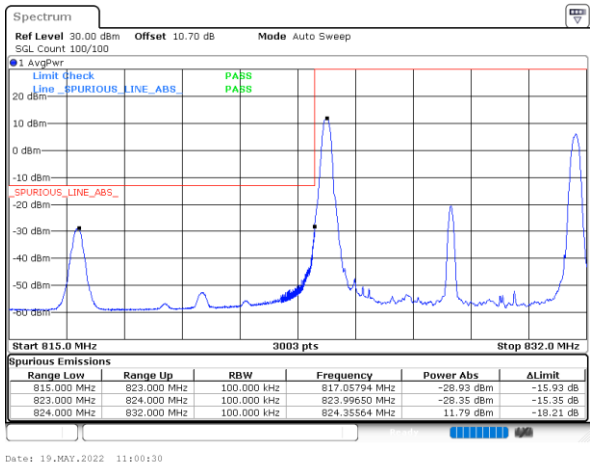

#### Highest Band Edge / Full RB



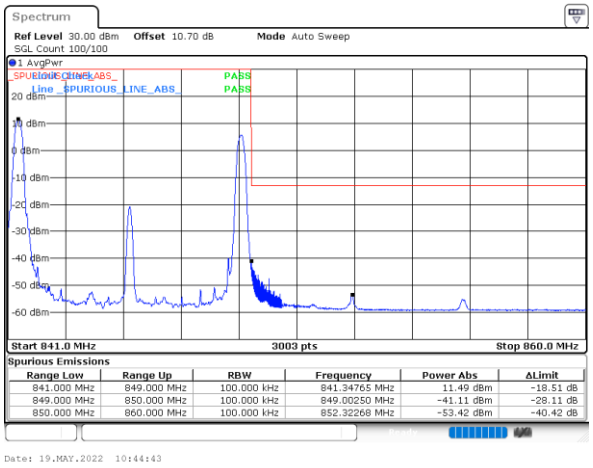
## LTE Band 5B / 5MHz+3MHz

### QPSK

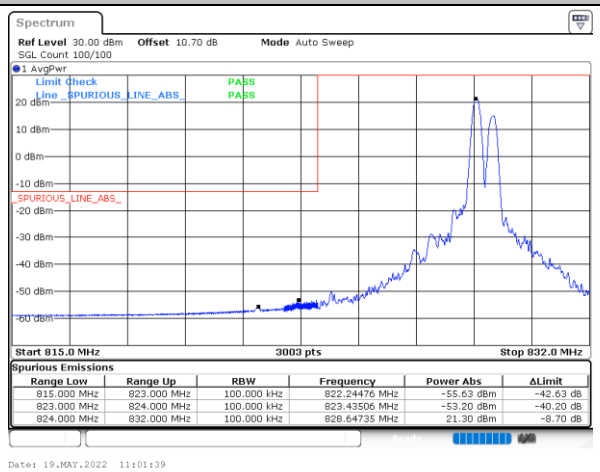
#### Lowest Band Edge / 1RB0 and 1RB14



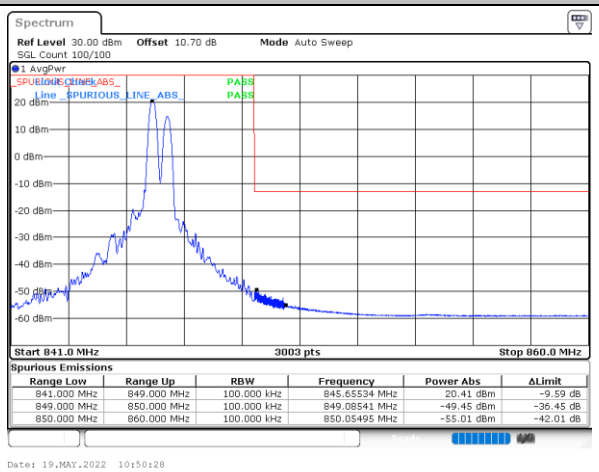

#### Highest Band Edge / 1RB0 and 1RB14



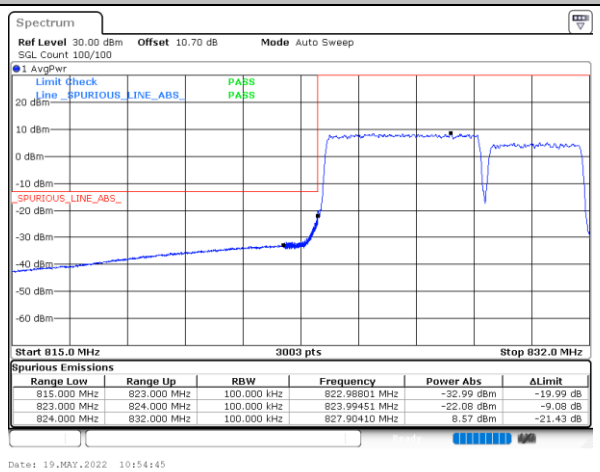

#### Lowest Band Edge / 1RB24 and 1RB0



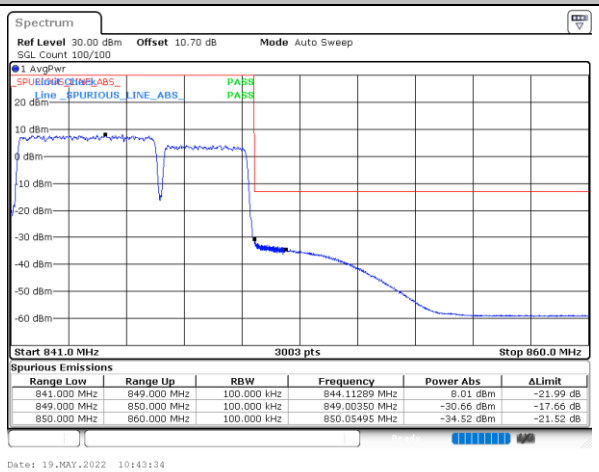

#### Highest Band Edge / 1RB24 and 1RB0




#### Lowest Band Edge / Full RB



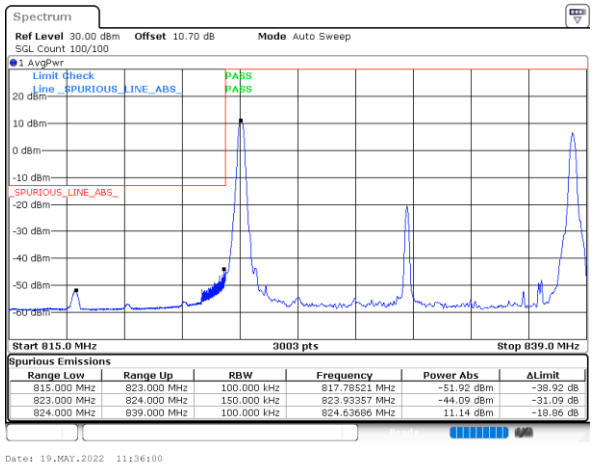

#### Highest Band Edge / Full RB



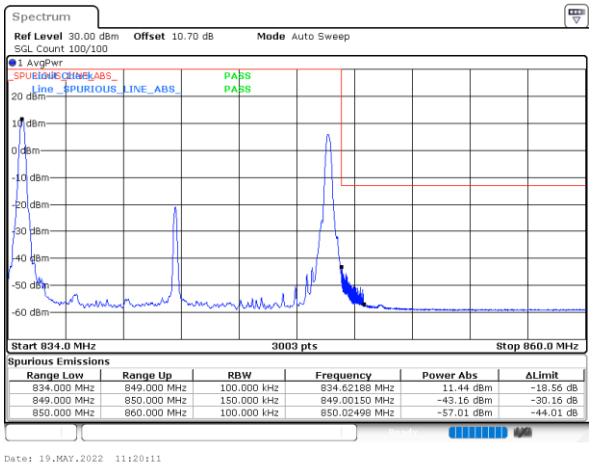
## LTE Band 5B / 5MHz+10MHz

### QPSK

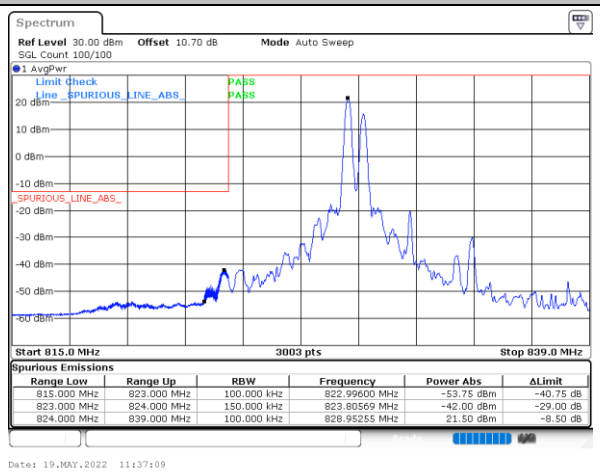
#### Lowest Band Edge / 1RB0 and 1RB49



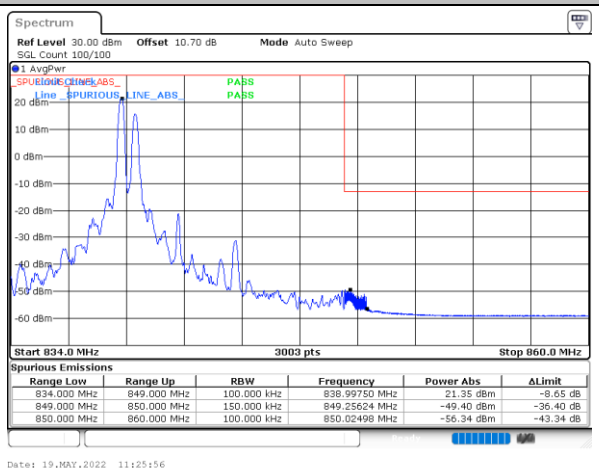

#### Highest Band Edge / 1RB0 and 1RB49



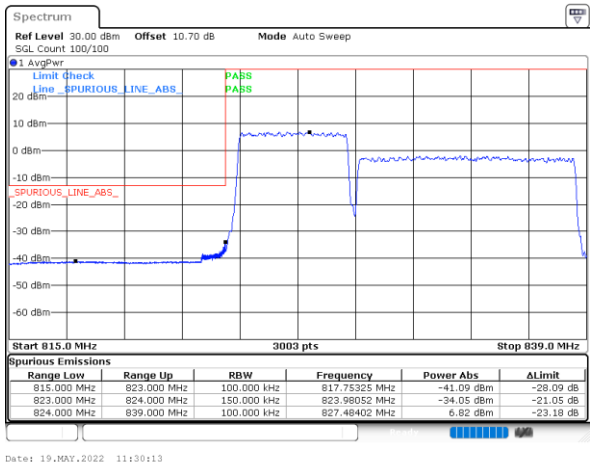

#### Lowest Band Edge / 1RB24 and 1RB0



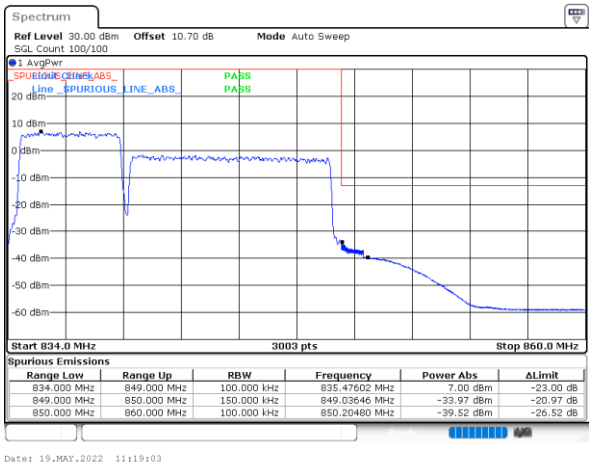

#### Highest Band Edge / 1RB24 and 1RB0




#### Lowest Band Edge / Full RB



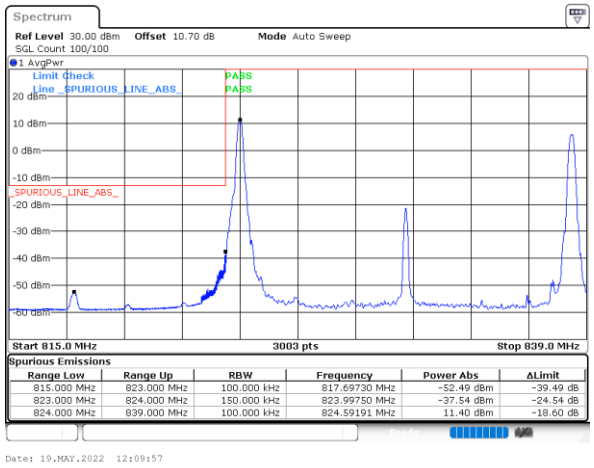

#### Highest Band Edge / Full RB



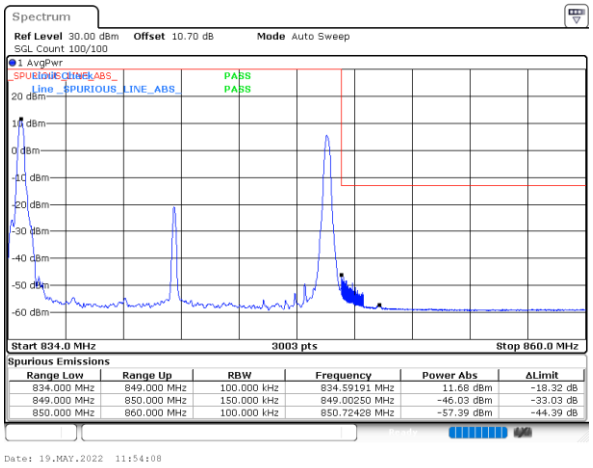
## LTE Band 5B / 10MHz+5MHz

### QPSK

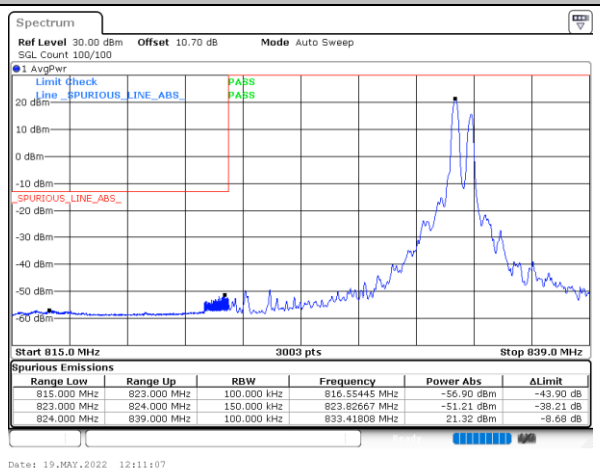
#### Lowest Band Edge / 1RB0 and 1RB24



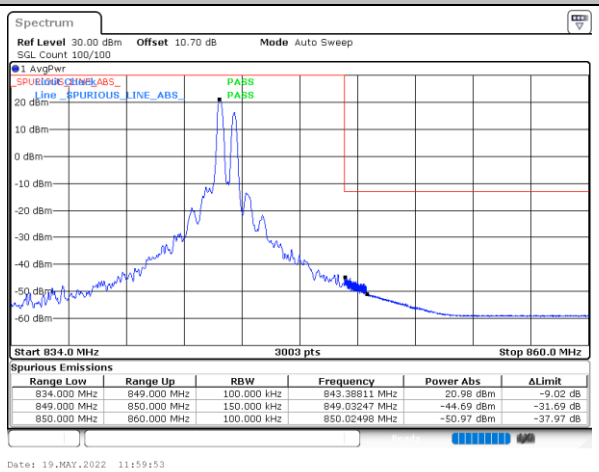

#### Highest Band Edge / 1RB0 and 1RB24



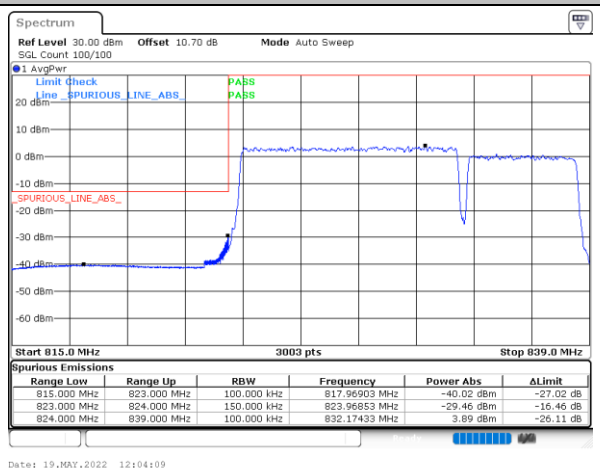

#### Lowest Band Edge / 1RB49 and 1RB0



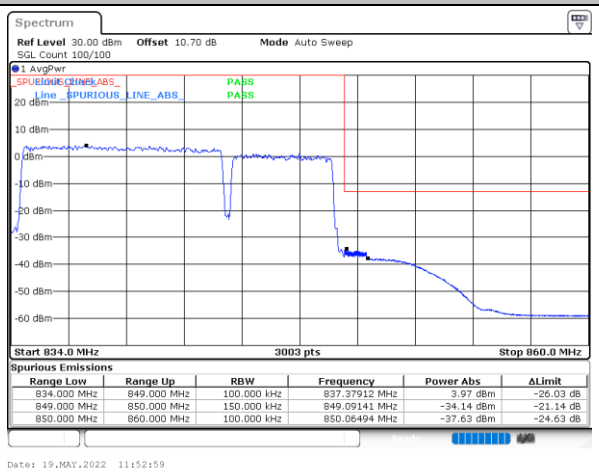

#### Highest Band Edge / 1RB49 and 1RB0




#### Lowest Band Edge / Full RB



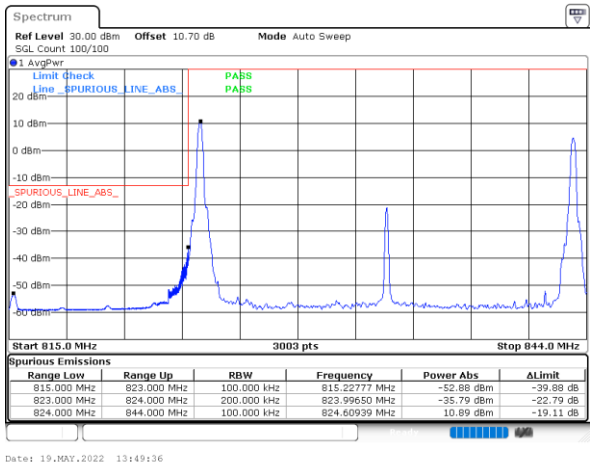

#### Highest Band Edge / Full RB



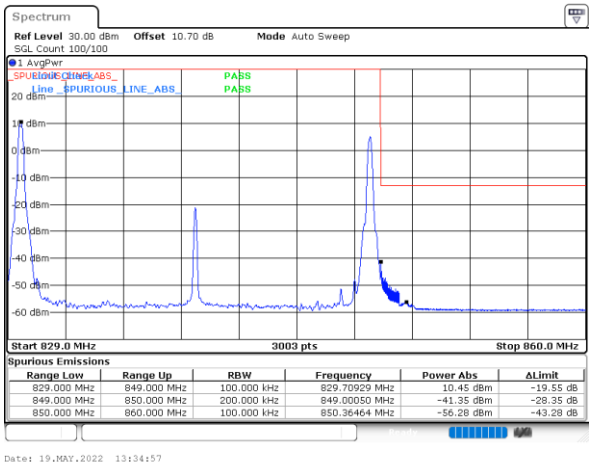
## LTE Band 5B / 10MHz+10MHz

### QPSK

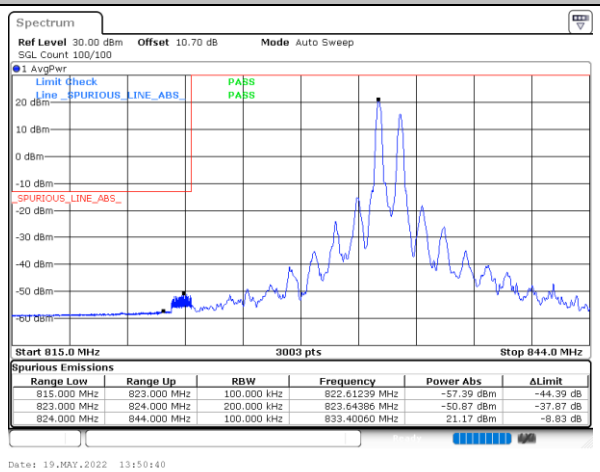
#### Lowest Band Edge / 1RB0 and 1RB49



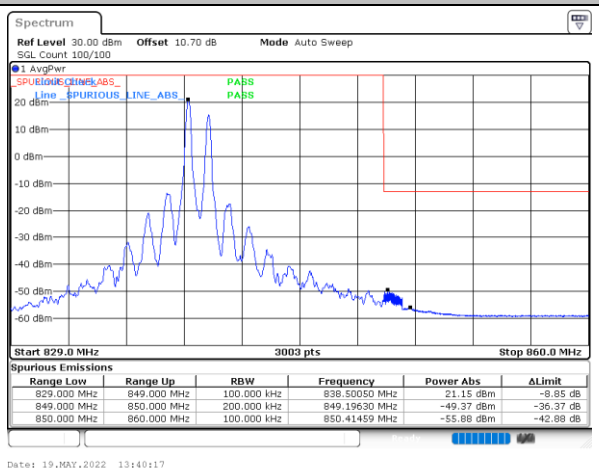

#### Highest Band Edge / 1RB0 and 1RB49



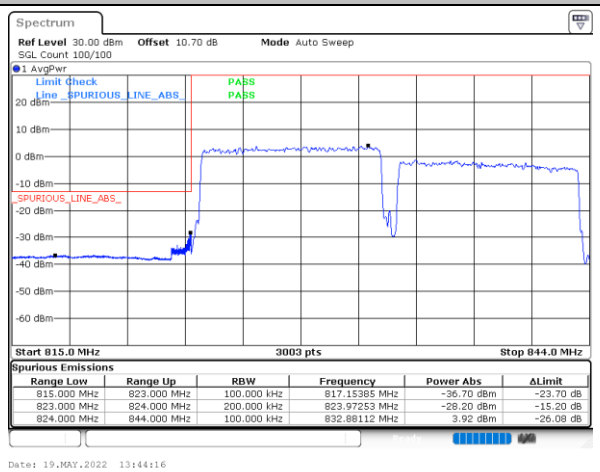

#### Lowest Band Edge / 1RB49 and 1RB0



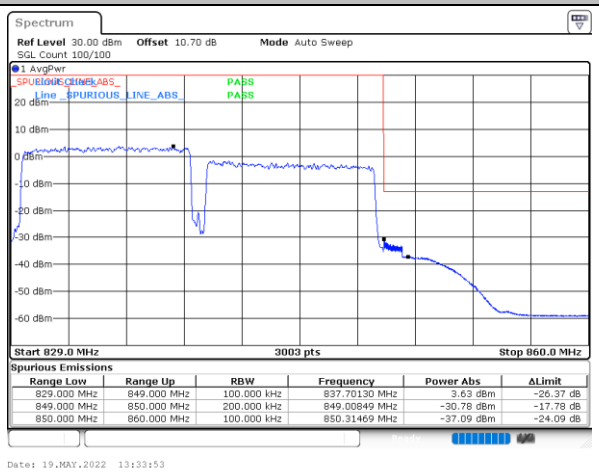

#### Highest Band Edge / 1RB49 and 1RB0




#### Lowest Band Edge / Full RB



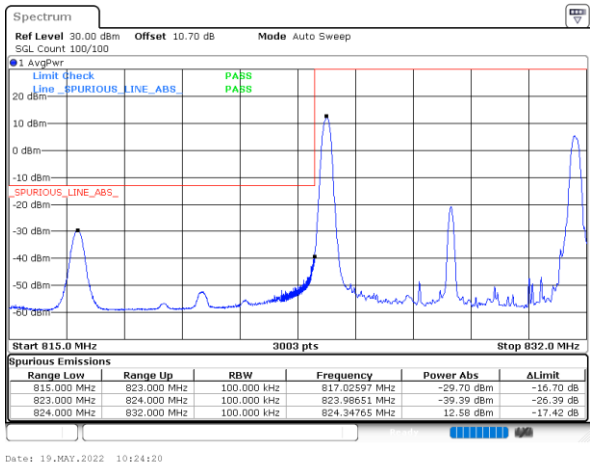

#### Highest Band Edge / Full RB



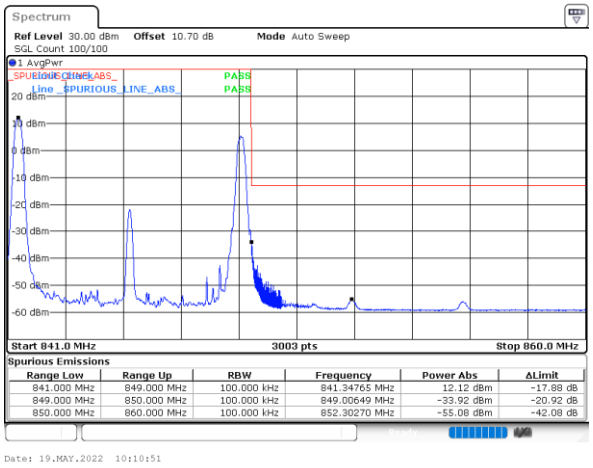
## LTE Band 5B / 3MHz+5MHz

### 16QAM

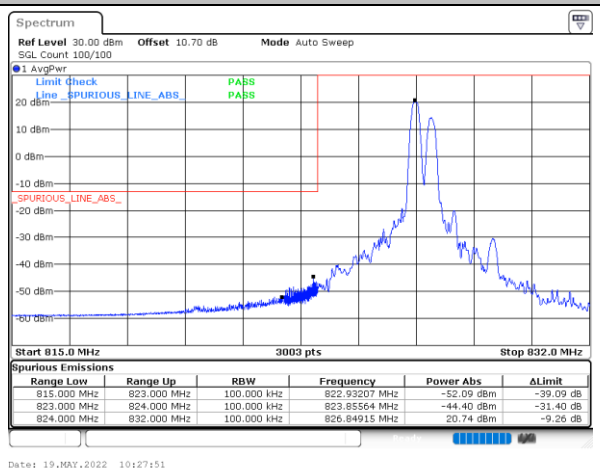
#### Lowest Band Edge / 1RB0 and 1RB24



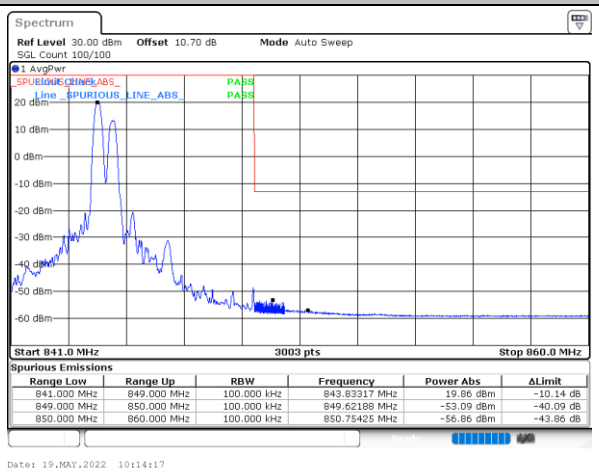

#### Highest Band Edge / 1RB0 and 1RB24



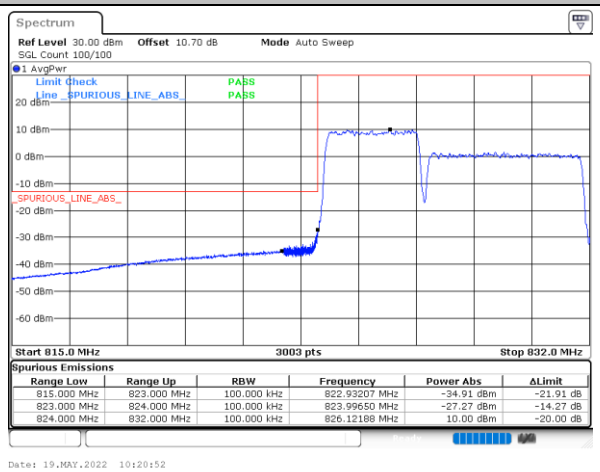

#### Lowest Band Edge / 1RB14 and 1RB0




#### Highest Band Edge / 1RB14 and 1RB0




#### Lowest Band Edge / Full RB




#### Highest Band Edge / Full RB