



# FCC RADIO TEST REPORT

**FCC ID** : A4RG025J  
**Equipment** : Phone  
**Model Name** : G025J, G025N, G025M  
**Applicant** : Google LLC  
1600 Amphitheatre Parkway,  
Mountain View, California, 94043 USA  
**Standard** : 47 CFR Part 2, 22(H), 24(E), 27

The product was received on Jan. 20, 2020 and testing was started from Jan. 21, 2020 and completed on Mar. 19, 2020. 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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, Taiwan (R.O.C.)



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## History of this test report

| Report No.   | Version | Description                                                          | Issued Date   |
|--------------|---------|----------------------------------------------------------------------|---------------|
| FG9D0616-05B | 01      | Initial issue of report                                              | Mar. 26, 2020 |
| FG9D0616-05B | 02      | Add remark in section 2.1 for Radiated Spurious Emission Measurement | Apr. 01, 2020 |
| FG9D0616-05B | 03      | Revise Tx and Rx frequency for LTE Band 66 in section 1.2            | Apr. 01, 2020 |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |
|              |         |                                                                      |               |

## 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)(2)                                                                        | Effective Radiated Power (Band 5) (Band 26)                                                                                      | Pass               |        |
|               | §27.50 (b)(10)<br>§27.50 (c)(10)                                                      | Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)                                                                 |                    |        |
|               | §24.232 (c)<br>§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)                                                                           |                    |        |
|               | -                                                                                     | Effective Isotropic Radiated Power (Band 30)                                                                                     | Reporting only     |        |
| 3.3           | §24.232 (d)<br>§27.50 (d)(5)                                                          | Peak-to-Average Ratio                                                                                                            | Pass               | -      |
| 3.4           | §27.50 (a)(3)                                                                         | EIRP Power Density (Band 30)                                                                                                     | Pass               |        |
| 3.5           | §2.1049                                                                               | Occupied Bandwidth                                                                                                               | Reporting only     | -      |
| 3.6           | §2.1051<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)(4)<br>§27.53 (g)<br>§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<br>§27.53 (m)(4)                                                              | Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)                                                                     |                    |        |
|               | §2.1051<br>§27.53 (a)(4)                                                              | Conducted Band Edge Measurement (Band 30)                                                                                        |                    |        |
| 3.7           | §2.1051<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)<br>§27.53 (g)<br>§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<br>§27.53 (m)(4)                                                              | Conducted Spurious Emission (Band 7) (Band 38) (Band 41)                                                                         |                    |        |
|               | §2.1051<br>§27.53 (a)(4)                                                              | Conducted Spurious Emission (Band 30)                                                                                            |                    |        |
| 3.8           | §2.1055<br>§22.355<br>§24.235<br>§27.54                                               | Frequency Stability<br>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>3.26 dB at<br>5100.000 MHz<br>for Primary Antenna<br>Under limit<br>3.58 dB at<br>13860.000 MHz<br>For ASDIV Antenna |
|               | §2.1051<br>§27.53 (m)(4)                                                                         | Radiated Spurious Emission<br>(Band 7) (Band 38) (Band 41)                                                                              |                    |                                                                                                                                     |
|               | §2.1053<br>§27.53 (a)(4)                                                                         | Radiated Spurious Emission<br>(Band 30)                                                                                                 |                    |                                                                                                                                     |

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by: Wii Chang****Report Producer: Ruby Zou**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                 |                                                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment                       | Phone                                                                                                                                           |
| Model Name                      | G025J, G025N, G025M                                                                                                                             |
| FCC ID                          | A4RG025J                                                                                                                                        |
| EUT supports Radios application | CDMA/EV-DO/GSM/EGPRS/WCDMA/HSPA/LTE/NFC/GNSS<br>WLAN 11b/g/n HT20<br>WLAN 11a/n HT20/HT40<br>WLAN 11ac VHT20/VHT40/VHT80<br>Bluetooth BR/EDR/LE |
| EUT Stage                       | Identical Prototype                                                                                                                             |

**Remark:** The above EUT's information was declared by manufacturer.

| EUT Information List                               |                                   |
|----------------------------------------------------|-----------------------------------|
| S/N                                                | Performed Test Item               |
| 01021FQC200422<br>01021FQC200440                   | Conducted Measurement<br>ERP/EIRP |
| 01021FQC200313<br>02061FQC200337<br>01021FQC200165 | Radiated Spurious Emission        |

## 1.2 Product Specification of Equipment Under Test

| Standards-related Product Specification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tx Frequency</b>                     | LTE Band 2: 1850.7 MHz ~ 1909.3 MHz<br>LTE Band 4: 1710.7 MHz ~ 1754.3 MHz<br>LTE Band 5: 824.7 MHz ~ 848.3 MHz<br>LTE Band 7: 2502.5 MHz ~ 2567.5 MHz<br>LTE Band 12: 699.7 MHz ~ 715.3 MHz<br>LTE Band 13: 779.5 MHz ~ 784.5 MHz<br>LTE Band 17: 706.5 MHz ~ 713.5 MHz<br>LTE Band 25: 1850.7MHz ~ 1914.3 MHz<br>LTE Band 26: 824.7MHz ~ 848.3 MHz<br>LTE Band 30: 2307.5 MHz ~2312.5 MHz<br>LTE Band 38: 2572.5 MHz ~ 2617.5 MHz<br>LTE Band 41: 2498.5 MHz ~ 2687.5 MHz<br>LTE Band 66: 1710.7 MHz ~ 1779.3 MHz<br>LTE Band 71: 665.5 MHz ~ 695.5 MHz                                                                                                              |
| <b>Rx Frequency</b>                     | LTE Band 2: 1930.7 MHz ~ 1989.3 MHz<br>LTE Band 4: 2110.7 MHz ~ 2154.3 MHz<br>LTE Band 5: 869.7 MHz ~ 893.3 MHz<br>LTE Band 7: 2622.5MHz ~ 2687.5 MHz<br>LTE Band 12: 729.7 MHz ~ 745.3 MHz<br>LTE Band 13: 748.5 MHz ~ 753.5 MHz<br>LTE Band 17: 736.5 MHz ~ 743.5 MHz<br>LTE Band 25: 1930.7MHz ~ 1994.3 MHz<br>LTE Band 26: 869.7MHz ~ 893.3MHz<br>LTE Band 30: 2352.5 MHz ~ 2357.5 MHz<br>LTE Band 38: 2572.5MHz ~ 2617.5MHz<br>LTE Band 41: 2498.5 MHz ~ 2687.5 MHz<br>LTE Band 66: 2110.7 MHz ~ 2179.3 MHz<br>LTE Band 71: 619.5 MHz ~ 649.5 MHz                                                                                                                 |
| <b>Bandwidth</b>                        | LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 5: 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 7: 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 13: 5MHz / 10MHz<br>LTE Band 17: 5MHz / 10MHz<br>LTE Band 25: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 26: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz<br>LTE Band 30: 5MHz / 10MHz<br>LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 71: 5MHz / 10MHz / 15MHz / 20MHz |

| Standards-related Product Specification |                                  |
|-----------------------------------------|----------------------------------|
| Maximum Output Power to Antenna         | <Primary Antenna>                |
|                                         | <Ant. 0>                         |
|                                         | LTE Band 5 : 24.89 dBm           |
|                                         | LTE Band 5_CA : 24.78dBm         |
|                                         | LTE Band 12 : 24.88 dBm          |
|                                         | LTE Band 13 : 24.73 dBm          |
|                                         | LTE Band 17 : 24.73 dBm          |
|                                         | LTE Band 26 : 24.98 dBm          |
|                                         | LTE Band 71 : 24.63 dBm          |
|                                         | <Ant. 2>                         |
|                                         | LTE Band 2 : 24.73 dBm           |
|                                         | LTE Band 4 : 24.72 dBm           |
|                                         | LTE Band 7 : 24.16 dBm           |
|                                         | LTE Band 7_CA : 23.69 dBm        |
|                                         | LTE Band 25 : 24.83 dBm          |
|                                         | LTE Band 30 : 21.50 dBm          |
|                                         | LTE Band 38 : 24.14 dBm          |
|                                         | LTE Band 38 : 25.41 dBm for HPUE |
|                                         | LTE Band 41 : 24.08 dBm          |
|                                         | LTE Band 41 : 25.35 dBm for HPUE |
|                                         | LTE Band 41_CA : 23.88 dBm       |
|                                         | LTE Band 66 : 24.80 dBm          |
|                                         | LTE Band 66B_CA : 24.62 dBm      |
|                                         | LTE Band 66C_CA : 24.53 dBm      |
|                                         | <ASDIV Antenna>                  |
|                                         | <Ant. 0>                         |
|                                         | LTE Band 2 : 25.06 dBm           |
|                                         | LTE Band 4 : 25.04 dBm           |
|                                         | LTE Band 7 : 24.08 dBm           |
|                                         | LTE Band 7_CA : 24.38 dBm        |
|                                         | LTE Band 25 : 25.24 dBm          |
|                                         | LTE Band 30 : 21.58 dBm          |
|                                         | LTE Band 38 : 24.38 dBm          |
|                                         | LTE Band 38 : 25.64 dBm for HPUE |
|                                         | LTE Band 41 : 24.63 dBm          |
|                                         | LTE Band 41 : 25.88 dBm for HPUE |
|                                         | LTE Band 41_CA : 23.88 dBm       |
|                                         | LTE Band 66 : 25.10 dBm          |
|                                         | LTE Band 66B_CA : 24.50 dBm      |
|                                         | LTE Band 66C_CA : 24.48 dBm      |
|                                         | <Ant. 1>                         |
|                                         | LTE Band 5 : 24.60 dBm           |
|                                         | LTE Band 5_CA : 24.31dBm         |
|                                         | LTE Band 12 : 24.66 dBm          |
|                                         | LTE Band 13 : 24.53 dBm          |
|                                         | LTE Band 17 : 24.57 dBm          |
|                                         | LTE Band 26 : 24.66 dBm          |
|                                         | LTE Band 71 : 24.48 dBm          |

| Standards-related Product Specification |                                                                  |
|-----------------------------------------|------------------------------------------------------------------|
| Antenna Type                            | <Primary Antenna>: PIFA Antenna<br><ASDIV Antenna>: PIFA Antenna |
| Type of Modulation                      | QPSK / 16QAM / 64QAM                                             |

**<Primary Antenna>**

| Radio Tech | Band Number | Antenna name | Gain |
|------------|-------------|--------------|------|
| LTE        | B2          | ANT2         | 1.9  |
| LTE        | B4          | ANT2         | 1.1  |
| LTE        | B5          | ANT0         | -2.2 |
| LTE        | B7          | ANT2         | 0.8  |
| LTE        | B12         | ANT0         | -6.9 |
| LTE        | B13         | ANT0         | -3.8 |
| LTE        | B14         | ANT0         | -4.0 |
| LTE        | B17         | ANT0         | -6.9 |
| LTE        | B25         | ANT2         | 1.9  |
| LTE        | B26         | ANT0         | -2.2 |
| LTE        | B30         | ANT2         | -1.7 |
| LTE        | B38         | ANT2         | 1.0  |
| LTE        | B38HPUE     | ANT2         |      |
| LTE        | B41         | ANT2         | 1.7  |
| LTE        | B41HPUE     | ANT2         |      |
| LTE        | B66         | ANT2         | 1.1  |
| LTE        | B71         | ANT0         | -7.9 |

**<ASDIV Antenna>**

| Radio Tech | Band Number | Antenna name | Gain |
|------------|-------------|--------------|------|
| LTE        | B2          | ANT0         | 1.7  |
| LTE        | B4          | ANT0         | -0.4 |
| LTE        | B5          | ANT1         | -3.5 |
| LTE        | B7          | ANT0         | 2.5  |
| LTE        | B12         | ANT1         | -6.0 |
| LTE        | B13         | ANT1         | -4.8 |
| LTE        | B14         | ANT1         | -5.5 |
| LTE        | B17         | ANT1         | -6.0 |
| LTE        | B25         | ANT0         | 1.7  |
| LTE        | B26         | ANT1         | -3.5 |
| LTE        | B30         | ANT0         | -2.8 |
| LTE        | B38         | ANT0         | 1.7  |
| LTE        | B38HPUE     | ANT0         |      |
| LTE        | B41         | ANT0         | 1.3  |
| LTE        | B41HPUE     | ANT0         |      |
| LTE        | B66         | ANT0         | -0.4 |
| LTE        | B71         | ANT1         | -7.5 |

### 1.3 Modification of EUT

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

### 1.4 Testing Location

|                    |                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------|
| Test Site          | SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory                                                   |
| Test Site Location | No.52, Huaya 1st Rd., Guishan Dist.,<br>Taoyuan City, Taiwan (R.O.C.)<br>TEL: +886-3-327-3456<br>FAX: +886-3-328-4978 |
| Test Site No.      | <b>Sporton Site No.</b><br>TH05-HY                                                                                    |
| Test Engineer      | Aking Chang                                                                                                           |
| Temperature        | 24~26°C                                                                                                               |
| Relative Humidity  | 54~58%                                                                                                                |

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

|                    |                                                                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Test Site          | SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory                                                                       |
| Test Site Location | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |
| Test Site No.      | <b>Sporton Site No.</b><br>03CH13-HY                                                                                                      |
| Test Engineer      | Jimmy Chung, Karl Hou, and Wilson Wu                                                                                                      |
| Temperature        | 21.5~23.5°C                                                                                                                               |
| Relative Humidity  | 49.5~55.5%                                                                                                                                |

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

FCC Designation No.: TW1190 and TW0007



## 1.5 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
- ♦ 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. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

## 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, pre-scanned in three orthogonal panels, X, Y, Z with Accessory (Adapter and Earphone). The worst cases of panels were recorded in this report:

#### <Primary Antenna>

##### <Ant. 0>

| LTE Band 5             | LTE Band 5B_CA         | LTE Band 12            | LTE Band 13            |
|------------------------|------------------------|------------------------|------------------------|
| Z Plane with Accessory | Y Plane with Accessory | X Plane with Accessory | Z Plane with Accessory |
| LTE Band 17            | LTE Band 26            | LTE Band 71            |                        |
| Y Plane with Accessory | Z Plane with Accessory | Z Plane with Accessory |                        |

##### <Ant. 2>

| LTE Band 2             | LTE Band 4             | LTE Band 7             | LTE Band 7C_CA         |
|------------------------|------------------------|------------------------|------------------------|
| Z Plane with Accessory | Y Plane with Accessory | Z Plane with Accessory | Z Plane with Accessory |
| LTE Band 25            | LTE Band 30            | LTE Band 41 (HPUE)     | LTE Band 41C_CA        |
| Z Plane with Accessory | Z Plane Standalone     | Z Plane with Accessory | Z Plane with Accessory |
| LTE Band 66            | LTE Band 66B_CA        | LTE Band 66C_CA        |                        |
| Y Plane with Accessory | Z Plane with Accessory | Z Plane with Accessory |                        |

#### <ASDIV Antenna>

##### <Ant. 0>

| LTE Band 2             | LTE Band 4             | LTE Band 7             | LTE Band 7C_CA         |
|------------------------|------------------------|------------------------|------------------------|
| Y Plane with Accessory | Z Plane with Accessory | X Plane with Accessory | Y Plane with Accessory |
| LTE Band 25            | LTE Band 30            | LTE Band 41 (HPUE)     | LTE Band 41C_CA        |
| Y Plane with Accessory | Z Plane Standalone     | X Plane with Accessory | Y Plane with Accessory |
| LTE Band 66            | LTE Band 66B_CA        | LTE Band 66C_CA        |                        |
| Z Plane with Accessory | Z Plane with Accessory | Z Plane with Accessory |                        |

##### <Ant. 1>

| LTE Band 5             | LTE Band 5B_CA         | LTE Band 12            | LTE Band 13            |
|------------------------|------------------------|------------------------|------------------------|
| Z Plane with Accessory | X Plane with Accessory | Z Plane with Accessory | Z Plane with Accessory |
| LTE Band 17            | LTE Band 26            | LTE Band 71            |                        |
| Z Plane with Accessory | Z Plane with Accessory | Y Plane with Accessory |                        |



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



| Test Items                       | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Bandwidth (MHz)    |   |   |    |    |    | Modulation |       |       | RB # |      |      | Test Channel |   |   |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---|---|----|----|----|------------|-------|-------|------|------|------|--------------|---|---|
|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.4                | 3 | 5 | 10 | 15 | 20 | QPSK       | 16QAM | 64QAM | 1    | Half | Full | L            | M | H |
| E.R.P /<br>E.I.R.P               | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 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 |
|                                  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 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 |
|                                  | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 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 |
|                                  | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                  | - | 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 |
|                                  | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 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 |
|                                  | 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                  | - | 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 |
|                                  | 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                  | - | v | v  | v  | v  | v          | v     | v     | v    | v    | v    | v            | v | v |
| Radiated<br>Spurious<br>Emission | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Covered by Band 25 |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Covered by Band 66 |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Covered by Band 26 |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Worst Case         |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Covered by Band 17 |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Worst Case         |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Worst Case         |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Worst Case         |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Worst Case         |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Covered by Band 41 |   |   |    |    |    |            |       |       |      |      |      | v            | v | v |
|                                  | 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. All the radiated test cases were performed with Adapter 1, Battery and USB Cable 1.<br>5. Wider operating range bandwidth covers narrower one when the power is higher or the same.<br>6. For LTE Band 13, radiated spurious emissions measurement in 1559-1610 MHz were wideband emissions. |                    |   |   |    |    |    |            |       |       |      |      |      |              |   |   |



| Test Items                  | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Bandwidth (MHz) |   |   |    |    |    | Modulation |       |       | RB # |      |      | Test Channel |   |   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---|---|----|----|----|------------|-------|-------|------|------|------|--------------|---|---|
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.4             | 3 | 5 | 10 | 15 | 20 | QPSK       | 16QAM | 64QAM | 1    | Half | Full | L            | M | H |
| Max. Output Power           | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -               | - | v | v  | -  | -  | v          | v     | v     | v    | v    | v    | v            | v | v |
| Peak-to-Average Ratio       | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -               | - | v | v  | -  | -  | v          | v     | v     | v    |      | v    | v            | v | v |
| E.I.R.P PSD                 | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -               | - | v | v  | -  | -  | v          | v     | v     | v    | v    | v    | v            | v | v |
| 26dB and 99% Bandwidth      | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -               | - | v | v  | -  | -  | v          | v     | v     |      |      | v    | v            | v | v |
| Conducted Band Edge         | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -               | - | v | v  | -  | -  | v          | v     | v     | v    |      | v    | v            |   | v |
| Conducted Spurious Emission | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -               | - | v | v  | -  | -  | v          | v     | v     | v    |      |      | v            | v | v |
| Frequency Stability         | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -               | - | v | v  | -  | -  | v          | v     | v     |      |      | v    |              | v |   |
| Radiated Spurious Emission  | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 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. All the radiated test cases were performed with Adapter 1, Battery and USB Cable 1. |                 |   |   |    |    |    |            |       |       |      |      |      |              |   |   |

| Test Items                  | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Bandwidth (MHz) |     |      |      |       | Modulation |       |       | RB # |      |      | Test Channel |   |   |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|------|------|-------|------------|-------|-------|------|------|------|--------------|---|---|
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3+5             | 5+3 | 5+10 | 10+5 | 10+10 | QPSK       | 16QAM | 64QAM | 1    | Half | Full | L            | M | H |
| Max. Output Power           | 5_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |     | 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 |
| Conducted Band Edge         | 5_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |     | 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            | v | v |
| Radiated Spurious Emission  | 5_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Worst Case      |     |      |      |       |            |       |       |      |      |      | v            | v | v |
| Remark                      | <div>1. The mark “v ” means that this configuration is chosen for testing</div> <div>2. The mark “-” means that this bandwidth is not supported.</div> <div>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.</div> <div>4. All the radiated test cases were performed with Adapter 1, Battery and USB Cable 1.</div> |                 |     |      |      |       |            |       |       |      |      |      |              |   |   |



| Test Items                  | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Bandwidth (MHz) |       |       |       |       |       |       | Modulation |       |       | RB # |      |      | Test Channel |   |   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|------------|-------|-------|------|------|------|--------------|---|---|
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20+20           | 20+15 | 15+20 | 20+10 | 10+20 | 15+15 | 15+10 | QPSK       | 16QAM | 64QAM | 1    | Half | Full | L            | M | H |
| Max. Output Power           | 7C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | v               | v     | v     | v     | v     | v     | v     | v          | v     | v     | v    | v    | v    | v            | v | v |
| 26dB and 99% Bandwidth      | 7C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | v               | v     | v     | v     | v     | v     | v     | v          | v     | v     |      |      | v    | v            | v | v |
| Conducted Band Edge         | 7C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | v               | v     | v     | v     | v     | v     | v     | v          | v     | v     | v    |      | v    | v            |   | v |
| Conducted Spurious Emission | 7C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | v               | v     | v     | v     | v     | v     | v     | v          | v     | v     | v    |      |      | v            | v | v |
| E.I.R.P.                    | 7C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | v               | v     | v     | v     | v     | v     | v     | v          | v     | v     | v    |      |      | v            | v | v |
| Radiated Spurious Emission  | 7C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Worst Case      |       |       |       |       |       |       |            |       |       |      |      |      | v            | v | v |
| Remark                      | <div> 1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 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. 4. All the radiated test cases were performed with Adapter 1, Battery and USB Cable 1. </div> |                 |       |       |       |       |       |       |            |       |       |      |      |      |              |   |   |

| Test Items                  | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Bandwidth (MHz) |      |      |      |      |       | Modulation |       |       | RB # |      |      | Test Channel |   |   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|------|------|-------|------------|-------|-------|------|------|------|--------------|---|---|
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5+5             | 5+10 | 10+5 | 5+15 | 15+5 | 10+10 | QPSK       | 16QAM | 64QAM | 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 |
| 26dB and 99% Bandwidth      | 66B_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | v               | 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 |
| Conducted Spurious Emission | 66B_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | v               | v    | v    | 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     | v    |      | v    | v            | v | v |
| 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.<br>4. All the radiated test cases were performed with Adapter 1, Battery and USB Cable 1. |                 |      |      |      |      |       |            |       |       |      |      |      |              |   |   |

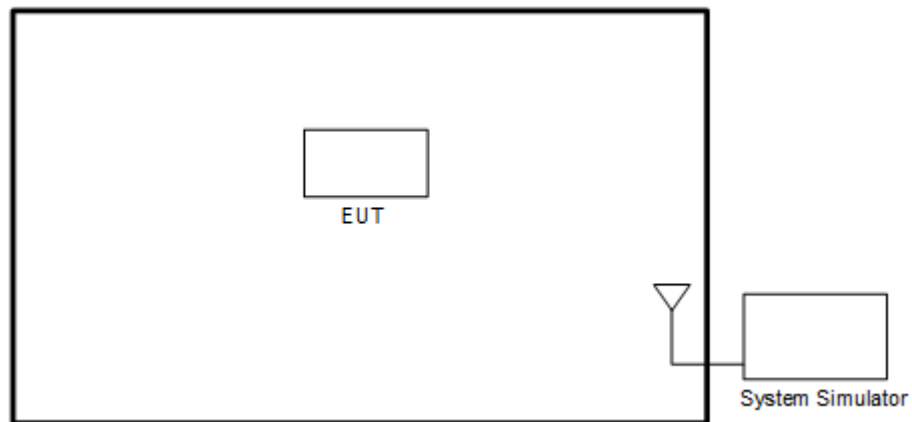


| Test Items                  | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Bandwidth (MHz) |       |       |       |       |       |       |      |      |       | Modulation |       |       | RB # |      |      | Test Channel |   |   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|-------|-------|-------|-------|-------|------|------|-------|------------|-------|-------|------|------|------|--------------|---|---|
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10+15           | 15+10 | 10+20 | 20+10 | 15+15 | 15+20 | 20+15 | 20+5 | 5+20 | 20+20 | QPSK       | 16QAM | 64QAM | 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 |
| 26dB and 99% Bandwidth      | 66C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | v               | 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 |
| Conducted Spurious Emission | 66C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | v               | 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    |      |      | v            | v | v |
| 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.<br>4. All the radiated test cases were performed with Adapter 1, Battery and USB Cable 1. |                 |       |       |       |       |       |       |      |      |       |            |       |       |      |      |      |              |   |   |

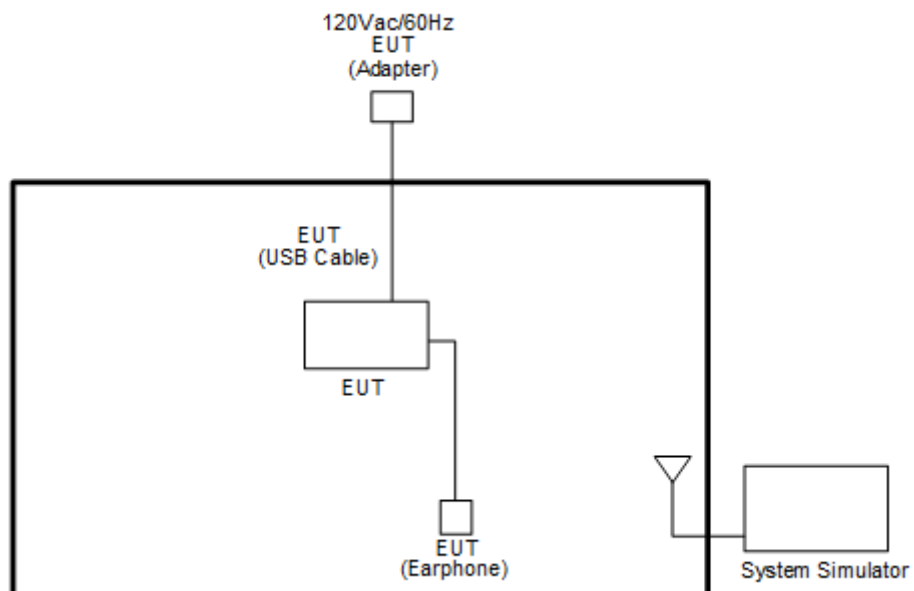
| Test Items                  | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Bandwidth (MHz) |       |       |       |       |      |      |       |       |       | Modulation |       |       | RB # |      |      | Test Channel |   |   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|-------|-------|-------|------|------|-------|-------|-------|------------|-------|-------|------|------|------|--------------|---|---|
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20+20           | 20+15 | 15+20 | 20+10 | 10+20 | 20+5 | 5+20 | 15+15 | 15+10 | 10+15 | QPSK       | 16QAM | 64QAM | 1    | Half | Full | L            | M | H |
| Max. Output Power           | 41C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | v               | v     | v     | v     | v     | v    | v    | v     | v     | v     | v          | v     | v     | v    | v    | v    | v            | v | v |
| 26dB and 99% Bandwidth      | 41C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | v               | v     | v     | v     | v     | v    | v    | v     | v     | v     | v          | v     | v     | v    |      |      | v            | v | v |
| Conducted Band Edge         | 41C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | v               | v     | v     | v     | v     | v    | v    | v     | v     | v     | v          | v     | v     | v    |      | v    | v            |   | v |
| Conducted Spurious Emission | 41C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | v               | v     | v     | v     | v     | v    | v    | v     | v     | v     | v          | v     | v     | v    |      | v    | v            | v | v |
| E.I.R.P.                    | 41C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | v               | v     | v     | v     | v     | v    | v    | v     | v     | v     | v          | v     | v     | v    |      | v    | v            | v | v |
| Radiated Spurious Emission  | 41C_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.<br>4. All the radiated test cases were performed with Adapter 1, Battery and USB Cable 1. |                 |       |       |       |       |      |      |       |       |       |            |       |       |      |      |      |              |   |   |

## 2.2 Connection Diagram of Test System

<EUT Standalone>



<EUT With Accessory>



## 2.3 Support Unit used in test configuration and system

| Item | Equipment        | Trade Name | Model No. | FCC ID | Data Cable | Power Cord        |
|------|------------------|------------|-----------|--------|------------|-------------------|
| 1.   | System Simulator | Anritsu    | MT8820C   | N/A    | N/A        | Unshielded, 1.8 m |
| 2.   | System Simulator | R&S        | CMU 200   | 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).*

$$= 4.2 + 10 = 14.2 \text{ (dB)}$$

## 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 30 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | -      | 27710  | -       |
|                                        | Frequency              | -      | 2310   | -       |
| 5                                      | Channel                | 27685  | 27710  | 27735   |
|                                        | Frequency              | 2307.5 | 2310   | 2312.5  |

| 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 5 Channel and Frequency List_CA |                        |           |        |        |         |
|------------------------------------------|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                 | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 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 41 Channel and Frequency List_CA |                        |           |        |        |         |
|-------------------------------------------|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                  | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 20 + 20                                   | PCC                    | Channel   | 39750  | 40521  | 41292   |
|                                           |                        | Frequency | 2506.0 | 2583.1 | 2660.2  |
|                                           | SCC                    | Channel   | 39948  | 40719  | 41490   |
|                                           |                        | Frequency | 2525.8 | 2602.9 | 2680.0  |
| 20 + 15                                   | PCC                    | Channel   | 39750  | 40546  | 41341   |
|                                           |                        | Frequency | 2506.0 | 2585.6 | 2665.1  |
|                                           | SCC                    | Channel   | 39921  | 40717  | 41512   |
|                                           |                        | Frequency | 2523.1 | 2602.7 | 2682.2  |
| 15 + 20                                   | PCC                    | Channel   | 39728  | 40523  | 41319   |
|                                           |                        | Frequency | 2503.8 | 2593.3 | 2662.9  |
|                                           | SCC                    | Channel   | 39899  | 40694  | 41490   |
|                                           |                        | Frequency | 2520.9 | 2600.4 | 2680.0  |
| 20 + 10                                   | PCC                    | Channel   | 39750  | 40571  | 41391   |
|                                           |                        | Frequency | 2506.0 | 2588.1 | 2670.1  |
|                                           | SCC                    | Channel   | 39894  | 40715  | 41535   |
|                                           |                        | Frequency | 2520.4 | 2602.5 | 2684.5  |
| 10 + 20                                   | PCC                    | Channel   | 39705  | 40526  | 41346   |
|                                           |                        | Frequency | 2501.5 | 2583.6 | 2665.6  |
|                                           | SCC                    | Channel   | 39849  | 40670  | 41490   |
|                                           |                        | Frequency | 2515.9 | 2598.0 | 2680.0  |
| 20 + 5                                    | PCC                    | Channel   | 39750  | 40595  | 41440   |
|                                           |                        | Frequency | 2506.0 | 2590.5 | 2675.0  |
|                                           | SCC                    | Channel   | 39867  | 40712  | 41557   |
|                                           |                        | Frequency | 2517.7 | 2602.2 | 2686.7  |
| 5 + 20                                    | PCC                    | Channel   | 39683  | 40528  | 41373   |
|                                           |                        | Frequency | 2499.3 | 2583.8 | 2668.3  |
|                                           | SCC                    | Channel   | 39800  | 40645  | 41490   |
|                                           |                        | Frequency | 2511.0 | 2595.5 | 2680.0  |

| LTE Band 41 Channel and Frequency List_CA |                        |           |        |        |         |
|-------------------------------------------|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                  | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 15 + 10                                   | PCC                    | Channel   | 39725  | 40571  | 41417   |
|                                           |                        | Frequency | 2503.5 | 2588.1 | 2672.7  |
|                                           | SCC                    | Channel   | 39845  | 40691  | 41537   |
|                                           |                        | Frequency | 2515.5 | 2600.1 | 2684.7  |
| 10 + 15                                   | PCC                    | Channel   | 39703  | 40549  | 41395   |
|                                           |                        | Frequency | 2501.3 | 2585.9 | 2670.5  |
|                                           | SCC                    | Channel   | 39823  | 40669  | 41515   |
|                                           |                        | Frequency | 2513.3 | 2597.9 | 2682.5  |
| 15 + 15                                   | PCC                    | Channel   | 39725  | 40545  | 41365   |
|                                           |                        | Frequency | 2503.5 | 2585.5 | 2667.5  |
|                                           | SCC                    | Channel   | 39875  | 40695  | 41515   |
|                                           |                        | Frequency | 2518.5 | 2600.5 | 2682.5  |



| LTE Band 7 Channel and Frequency List_CA |                        |           |        |        |         |
|------------------------------------------|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                 | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 20 + 20                                  | PCC                    | Channel   | 20850  | 21001  | 21152   |
|                                          |                        | Frequency | 2510.0 | 2525.1 | 2540.2  |
|                                          | SCC                    | Channel   | 21048  | 21199  | 21350   |
|                                          |                        | Frequency | 2529.8 | 2544.9 | 2560.0  |
| 20 + 15                                  | PCC                    | Channel   | 20850  | 21026  | 21201   |
|                                          |                        | Frequency | 2510.0 | 2527.6 | 2545.1  |
|                                          | SCC                    | Channel   | 21021  | 21197  | 21372   |
|                                          |                        | Frequency | 2527.1 | 2544.7 | 2562.2  |
| 15 + 20                                  | PCC                    | Channel   | 20828  | 21003  | 21179   |
|                                          |                        | Frequency | 2507.8 | 2525.3 | 2542.9  |
|                                          | SCC                    | Channel   | 20999  | 21174  | 21350   |
|                                          |                        | Frequency | 2524.9 | 2542.4 | 2560.0  |
| 20 + 10                                  | PCC                    | Channel   | 20850  | 21051  | 21251   |
|                                          |                        | Frequency | 2510.0 | 2530.1 | 2550.1  |
|                                          | SCC                    | Channel   | 20994  | 21195  | 21395   |
|                                          |                        | Frequency | 2524.4 | 2544.5 | 2564.5  |
| 10 + 20                                  | PCC                    | Channel   | 20805  | 21006  | 21206   |
|                                          |                        | Frequency | 2505.5 | 2525.6 | 2545.6  |
|                                          | SCC                    | Channel   | 20949  | 21150  | 21350   |
|                                          |                        | Frequency | 2519.9 | 2540.0 | 2560.0  |
| 15 + 15                                  | PCC                    | Channel   | 20825  | 21025  | 21225   |
|                                          |                        | Frequency | 2507.5 | 2527.5 | 2547.5  |
|                                          | SCC                    | Channel   | 20975  | 21175  | 21375   |
|                                          |                        | Frequency | 2522.5 | 2542.5 | 2562.5  |
| 15 + 10                                  | PCC                    | Channel   | 20825  | 21051  | 21277   |
|                                          |                        | Frequency | 2507.5 | 2530.1 | 2552.7  |
|                                          | SCC                    | Channel   | 20945  | 21171  | 21397   |
|                                          |                        | Frequency | 2519.5 | 2542.1 | 2564.7  |

| 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 |

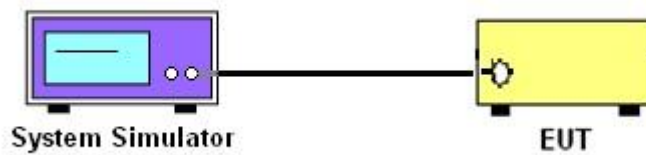
### 3 Conducted Test Items

#### 3.1 Measuring Instruments

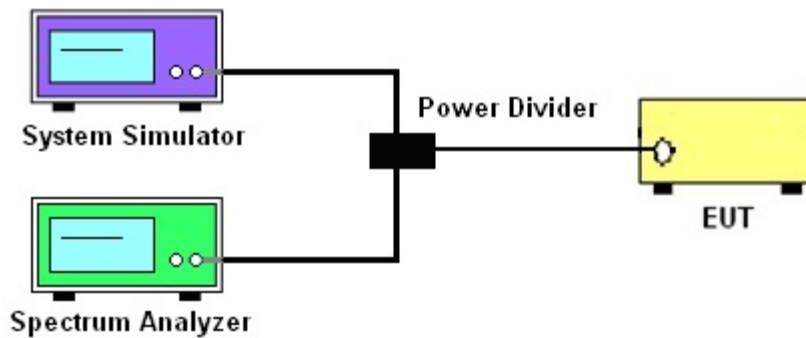
See list of measuring instruments of this test report.

##### 3.1.1 Test Setup

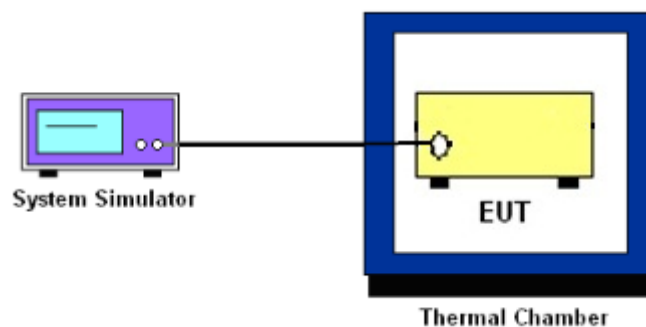
##### 3.1.2 Conducted Output Power



##### 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 and Band 13 and Band 17 and Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2 and Band 25 and Band 7 and 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 EIRP Power Density**

#### **3.4.1 Description of EIRP Power Density**

For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, *except that* for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands. Mobile and portable stations using FDD technology are restricted to transmitting in the 2305-2315 MHz band. Power averaging shall not include intervals in which the transmitter is off.

#### **3.4.2 Test Procedures**

The testing follows ANSI C63.26-2015 Section 5.2.4.5

1. Set instrument center frequency to OBW center frequency.
2. Set span to at least 1.5 times the OBW.
3. Set the RBW to the specified reference bandwidth (5MHz).
4. Set VBW  $\geq 3 \times$  RBW.
5. Detector = RMS (power averaging).
6. Ensure that the number of measurement points in the sweep  $\geq 2 \times$  span/RBW.
7. Sweep time = auto couple.
8. Employ trace averaging (RMS) mode over a minimum of 100 traces.
9. Use the peak marker function to determine the maximum amplitude level within the reference bandwidth (PSD).
10. Determine the EIRP by adding the effective antenna gain to the adjusted power level.

## 3.5 Occupied Bandwidth

### 3.5.1 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.

### 3.5.2 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.



## 3.6 Conducted Band Edge

### 3.6.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  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  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  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  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  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  $65 + 10 \log_{10} p(\text{watts})$ , dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698 -746 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  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, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  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 than  $43 + 10 \log (P)$  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.

**27.53 (a)(4)**

For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than:  $43 + 10 \log (P)$  dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than  $55 + 10 \log (P)$  dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than  $61 + 10 \log (P)$  dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than  $67 + 10 \log (P)$  dB on all frequencies between 2328 and 2337 MHz.
- (ii) By a factor of not less than  $43 + 10 \log (P)$  dB on all frequencies between 2300 and 2305 MHz,  $55 + 10 \log (P)$  dB on all frequencies between 2296 and 2300 MHz,  $61 + 10 \log (P)$  dB on all frequencies between 2292 and 2296 MHz,  $67 + 10 \log (P)$  dB on all frequencies between 2288 and 2292 MHz, and  $70 + 10 \log (P)$  dB below 2288 MHz.
- (iii) By a factor of not less than  $43 + 10 \log (P)$  dB on all frequencies between 2360 and 2365 MHz, and not less than  $70 + 10 \log (P)$  dB above 2365 MHz.



### 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 band edges of low and high channels for the highest RF powers were measured.
3. Set RBW  $\geq$  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  $43 + 10\log(P)$  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.

### 3.7 Conducted Spurious Emission

#### 3.7.1 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 Band 30

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  $70 + 10 \log (P)$  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<sup>th</sup> harmonic.

#### 3.7.2 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  $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 38, 41

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



### **3.8 Frequency Stability**

#### **3.8.1 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  $\pm 0.00025\%$  ( $\pm 2.5\text{ppm}$ ) 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.

#### **3.8.2 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  $-30^{\circ}\text{C}$  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  $10^{\circ}\text{C}$  step up to  $50^{\circ}\text{C}$ . 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.

#### **3.8.3 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  $20 \pm 5^{\circ}\text{C}$  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.

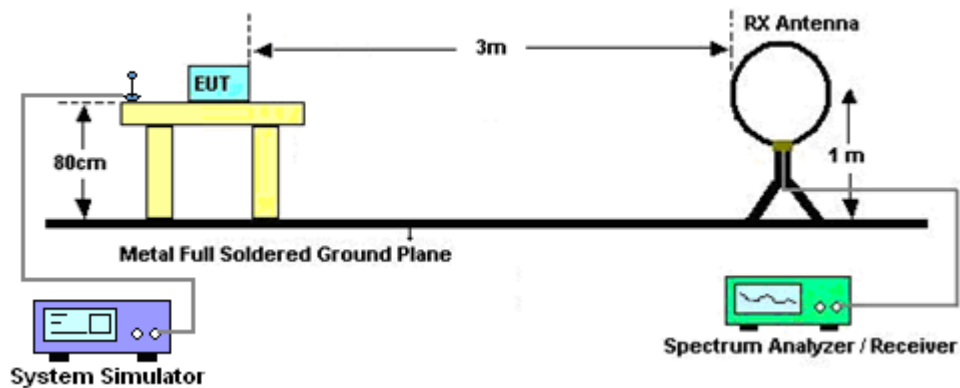
## 4 Radiated Test Items

### 4.1 Measuring Instruments

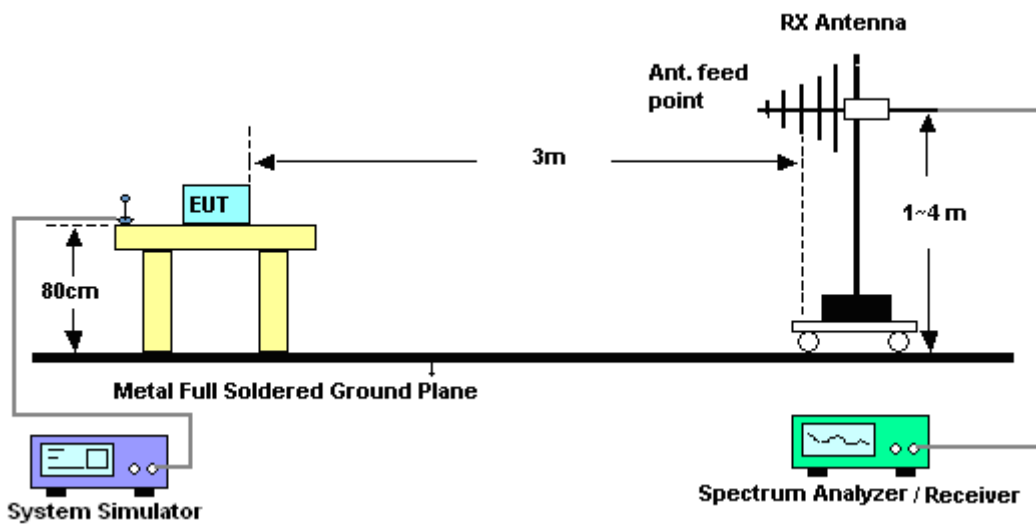
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

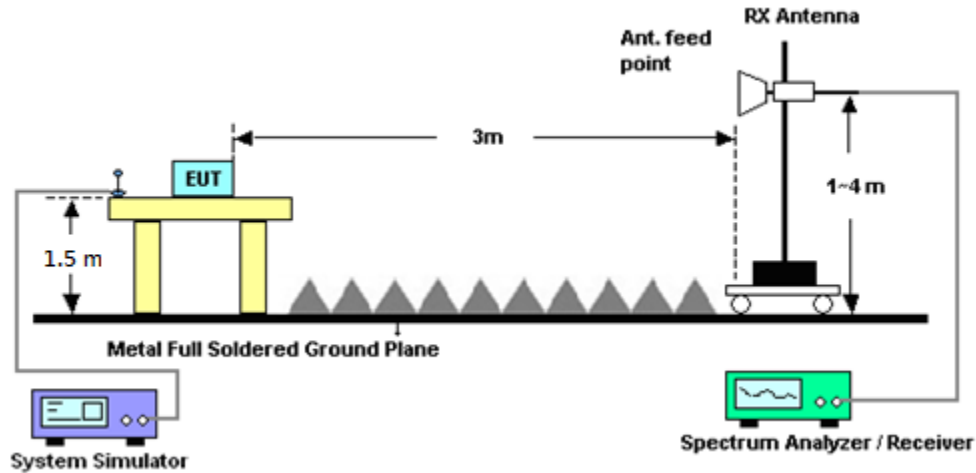
For radiated emissions below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



#### 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 a comparison data 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.

For LTE Band 30

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  $70 + 10 \log (P)$  dB.

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. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from  $43 + 10\log(P)\text{dB}$  below the transmitter power  $P(\text{Watts})$

For LTE Band 7, 38, 41

The limit line is derived from  $55 + 10\log(P)\text{dB}$  below the transmitter power  $P(\text{Watts})$

$\text{EIRP (dBm)} = \text{S.G. Power} - \text{Tx Cable Loss} + \text{Tx Antenna Gain}$

$\text{ERP (dBm)} = \text{EIRP} - 2.15$

11. For Band 30

The limit line is derived from  $70 + 10\log(P)\text{dB}$  below the transmitter power  $P(\text{Watts})$

$= P(\text{W}) - [70 + 10\log(P)] (\text{dB})$

$= [30 + 10\log(P)] (\text{dBm}) - [70 + 10\log(P)] (\text{dB})$

$= -40\text{dBm}.$



## 5 List of Measuring Equipment

| Instrument                | Manufacturer      | Model No.                        | Serial No.  | Characteristics                                                    | Calibration Date | Test Date                       | Due Date      | Remark                |
|---------------------------|-------------------|----------------------------------|-------------|--------------------------------------------------------------------|------------------|---------------------------------|---------------|-----------------------|
| Base Station (Measure)    | Anritsu           | MT8821C                          | 6201664755  | GSM / GPRS / WCDMA / LTE FDD/TDD with 44) / LTE-3CC DLCA, 2CC ULCA | Mar. 03, 2019    | Jan. 23, 2020~<br>Feb. 29, 2020 | Mar. 02, 2020 | Conducted (TH05-HY)   |
| Base Station (Measure)    | Anritsu           | MT8821C                          | 6262025353  | N/A                                                                | Oct. 24, 2019    | Mar. 06, 2020~<br>Mar. 19, 2020 | Oct. 23, 2020 | Conducted (TH05-HY)   |
| Spectrum Analyzer         | Rohde & Schwarz   | FSV40                            | 101397      | 10Hz~40GHz                                                         | Nov. 15, 2019    | Jan. 23, 2020~<br>Mar. 19, 2020 | Nov. 14, 2020 | Conducted (TH05-HY)   |
| Temperature Chamber       | ESPEC             | SH-641                           | 92013720    | -40℃~90℃                                                           | Sep. 02, 2019    | Jan. 23, 2020~<br>Mar. 19, 2020 | Sep. 01, 2020 | Conducted (TH05-HY)   |
| Programmable Power Supply | GW Instek         | PSS-2005                         | EL890094    | 1V~20V<br>0.5A~5A                                                  | Oct. 09, 2019    | Jan. 23, 2020~<br>Mar. 19, 2020 | Oct. 08, 2020 | Conducted (TH05-HY)   |
| Coupler                   | Warison           | 20dB 25W SMA Directional Coupler | #A          | 1-18GHz                                                            | Jan. 13, 2020    | Jan. 23, 2020~<br>Mar. 19, 2020 | Jan. 12, 2021 | Conducted (TH05-HY)   |
| Amplifier                 | Sonoma-Instrument | 310 N                            | 187282      | 9KHz~1GHz                                                          | Dec. 17, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Dec. 16, 2020 | Radiation (03CH13-HY) |
| Bilog Antenna             | TESEQ             | CBL 6111D&00800 N1D01N-06        | 40103&07    | 30MHz to 1GHz                                                      | Apr. 30, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Apr. 29, 2020 | Radiation (03CH13-HY) |
| Bilog Antenna             | TESEQ             | CBL 6111D&00800 N1D01N-06        | 41912 & 07  | 30MHz to 1GHz                                                      | Apr. 30, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Apr. 29, 2020 | Radiation (03CH13-HY) |
| Horn Antenna              | SCHWARZBECK       | BBHA 9120 D                      | 9120D-1241  | 1GHz ~ 18GHz                                                       | Jul. 02, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Jul. 01, 2020 | Radiation (03CH13-HY) |
| Horn Antenna              | SCHWARZBECK       | BBHA 9120 D                      | 9120D-1212  | 1GHz ~ 18GHz                                                       | May 14, 2019     | Jan. 21, 2020~<br>Mar. 19, 2020 | May 13, 2020  | Radiation (03CH13-HY) |
| Preamplifier              | MITEQ             | AMF-7D-00101 800-30-10P          | 1590074     | 1GHz~18GHz                                                         | May 20, 2019     | Jan. 21, 2020~<br>Mar. 19, 2020 | May 19, 2020  | Radiation (03CH13-HY) |
| Preamplifier              | Keysight          | 83017A                           | MY5327014 7 | 1GHz~26.5GHz                                                       | Oct. 28, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Oct. 27, 2020 | Radiation (03CH13-HY) |
| Signal Generator          | Rohde & Schwarz   | SMF100A                          | 101107      | 100kHz~40GHz                                                       | Aug. 27, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Aug. 26, 2020 | Radiation (03CH13-HY) |
| Spectrum Analyzer         | Keysight          | N9010A                           | MY5537052 6 | 10Hz~44GHz                                                         | Mar. 19, 2019    | Jan. 21, 2020~<br>Mar. 17, 2020 | Mar. 18, 2020 | Radiation (03CH13-HY) |
| Spectrum Analyzer         | Keysight          | N9010A                           | MY5420048 5 | 10Hz~44GHz                                                         | Feb. 10, 2020    | Mar. 18, 2020~<br>Mar. 19, 2020 | Feb. 09, 2021 | Radiation (03CH13-HY) |
| Controller                | EMEC              | EM1000                           | N/A         | Control Turn table & Ant Mast                                      | N/A              | Jan. 21, 2020~<br>Mar. 19, 2020 | N/A           | Radiation (03CH13-HY) |
| Antenna Mast              | EMEC              | AM-BS-4500-B                     | N/A         | 1m~4m                                                              | N/A              | Jan. 21, 2020~<br>Mar. 19, 2020 | N/A           | Radiation (03CH13-HY) |
| Turn Table                | EMEC              | TT2000                           | N/A         | 0~360 Degree                                                       | N/A              | Jan. 21, 2020~<br>Mar. 19, 2020 | N/A           | Radiation (03CH13-HY) |
| Software                  | Audix             | E3 6.2009-8-24                   | RK-000992   | N/A                                                                | N/A              | Jan. 21, 2020~<br>Mar. 19, 2020 | N/A           | Radiation (03CH13-HY) |
| Preamplifier              | EMEC              | EM18G40G                         | 060715      | 18GHz ~ 40GHz                                                      | Dec. 13, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Dec. 12, 2020 | Radiation (03CH13-HY) |



| Instrument           | Manufacturer   | Model No.                     | Serial No.   | Characteristics         | Calibration Date | Test Date                       | Due Date      | Remark                   |
|----------------------|----------------|-------------------------------|--------------|-------------------------|------------------|---------------------------------|---------------|--------------------------|
| RF Cable             | HUBER + SUHNER | SF102/2*11SK 252              | MY4278/2     | 9kHz~40GHz              | May 16, 2019     | Jan. 21, 2020~<br>Mar. 19, 2020 | May 15, 2020  | Radiation<br>(03CH13-HY) |
| RF Cable             | HUBER + SUHNER | SUCOFLEX 104                  | MY36980/4    | 30M-18G                 | Apr. 15, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Apr. 14, 2020 | Radiation<br>(03CH13-HY) |
| RF Cable             | HUBER + SUHNER | SUCOFLEX 102                  | MY2859/2     | 30M~40GHz               | Mar. 13, 2019    | Jan. 21, 2020~<br>Mar. 11, 2020 | Mar. 12, 2020 | Radiation<br>(03CH13-HY) |
| RF Cable             | HUBER + SUHNER | SUCOFLEX 102                  | MY2859/2     | 30M~40GHz               | Mar. 12, 2020    | Mar. 13, 2020~<br>Mar. 19, 2020 | Mar. 11, 2021 | Radiation<br>(03CH13-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK    | BBHA 9170                     | BBHA91705 84 | 18GHz- 40GHz            | Dec. 10, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Dec. 09, 2020 | Radiation<br>(03CH13-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK    | BBHA 9170                     | BBHA91705 76 | 18GHz~40GHz             | May 14, 2019     | Jan. 21, 2020~<br>Mar. 19, 2020 | May 13, 2020  | Radiation<br>(03CH13-HY) |
| Filter               | Wainwright     | WHKX12-2700 -3000-18000-6 0SS | SN2          | 3GHz High Pass Filter   | Jul. 14, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Jul. 13, 2020 | Radiation<br>(03CH13-HY) |
| Filter               | Wainwright     | WHKX12-1080 -1200-15000-6 0SS | SN3          | 1.2GHz High Pass Filter | Jul. 03, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Jul. 02, 2020 | Radiation<br>(03CH13-HY) |
| Hygrometer           | TECPEL         | DTM-303B                      | TP157151     | N/A                     | Jun. 17, 2019    | Jan. 21, 2020~<br>Mar. 19, 2020 | Jun. 16, 2020 | Radiation<br>(03CH13-HY) |



## 6 Uncertainty of Evaluation

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

|                                                                         |      |
|-------------------------------------------------------------------------|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.21 |
|-------------------------------------------------------------------------|------|

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

|                                                                         |      |
|-------------------------------------------------------------------------|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.24 |
|-------------------------------------------------------------------------|------|

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

|                                                                         |      |
|-------------------------------------------------------------------------|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.99 |
|-------------------------------------------------------------------------|------|



## Appendix A. Test Results of Conducted Test

### Conducted Output Power(Average power)

#### <Primary Antenna>

| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                     | 1       | 0         | QPSK   | 24.56  | 24.62  | 24.53   |
| 20                                     | 1       | 49        |        | 24.51  | 24.54  | 24.57   |
| 20                                     | 1       | 99        |        | 24.61  | 24.63  | 24.73   |
| 20                                     | 50      | 0         |        | 23.56  | 23.58  | 23.54   |
| 20                                     | 50      | 24        |        | 23.54  | 23.62  | 23.68   |
| 20                                     | 50      | 50        |        | 23.60  | 23.57  | 23.65   |
| 20                                     | 100     | 0         |        | 23.64  | 23.55  | 23.65   |
| 20                                     | 1       | 0         | 16-QAM | 23.87  | 23.90  | 23.83   |
| 20                                     | 1       | 49        |        | 23.82  | 23.83  | 23.92   |
| 20                                     | 1       | 99        |        | 23.90  | 23.93  | 23.95   |
| 20                                     | 50      | 0         |        | 22.66  | 22.66  | 22.60   |
| 20                                     | 50      | 24        |        | 22.67  | 22.67  | 22.73   |
| 20                                     | 50      | 50        |        | 22.72  | 22.61  | 22.71   |
| 20                                     | 100     | 0         |        | 22.72  | 22.64  | 22.69   |
| 20                                     | 1       | 0         | 64-QAM | 22.79  | 22.81  | 22.76   |
| 20                                     | 1       | 49        |        | 22.77  | 22.75  | 22.85   |
| 20                                     | 1       | 99        |        | 22.83  | 22.87  | 22.93   |
| 20                                     | 50      | 0         |        | 21.64  | 21.68  | 21.62   |
| 20                                     | 50      | 24        |        | 21.67  | 21.70  | 21.75   |
| 20                                     | 50      | 50        |        | 21.71  | 21.63  | 21.71   |
| 20                                     | 100     | 0         |        | 21.73  | 21.66  | 21.71   |
| 15                                     | 1       | 0         | QPSK   | 24.55  | 24.58  | 24.65   |
| 15                                     | 1       | 37        |        | 24.56  | 24.58  | 24.61   |
| 15                                     | 1       | 74        |        | 24.51  | 24.63  | 24.70   |
| 15                                     | 36      | 0         |        | 23.60  | 23.63  | 23.67   |
| 15                                     | 36      | 20        |        | 23.58  | 23.66  | 23.69   |
| 15                                     | 36      | 39        |        | 23.55  | 23.60  | 23.63   |
| 15                                     | 75      | 0         |        | 23.60  | 23.61  | 23.63   |
| 15                                     | 1       | 0         | 16-QAM | 23.84  | 23.91  | 23.95   |
| 15                                     | 1       | 37        |        | 23.87  | 23.87  | 23.94   |
| 15                                     | 1       | 74        |        | 23.81  | 23.93  | 23.99   |
| 15                                     | 36      | 0         |        | 22.63  | 22.68  | 22.73   |
| 15                                     | 36      | 20        |        | 22.67  | 22.70  | 22.74   |
| 15                                     | 36      | 39        |        | 22.63  | 22.64  | 22.70   |
| 15                                     | 75      | 0         |        | 22.64  | 22.66  | 22.71   |
| 15                                     | 1       | 0         | 64-QAM | 22.78  | 22.78  | 22.87   |
| 15                                     | 1       | 37        |        | 22.79  | 22.83  | 22.85   |
| 15                                     | 1       | 74        |        | 22.70  | 22.82  | 22.90   |
| 15                                     | 36      | 0         |        | 21.68  | 21.67  | 21.73   |
| 15                                     | 36      | 20        |        | 21.70  | 21.72  | 21.73   |
| 15                                     | 36      | 39        |        | 21.65  | 21.65  | 21.73   |
| 15                                     | 75      | 0         |        | 21.63  | 21.63  | 21.69   |



| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 24.68  | 24.72  | 24.65   |
| 10                                     | 1       | 25        |        | 24.57  | 24.61  | 24.70   |
| 10                                     | 1       | 49        |        | 24.60  | 24.65  | 24.70   |
| 10                                     | 25      | 0         |        | 23.61  | 23.64  | 23.65   |
| 10                                     | 25      | 12        |        | 23.61  | 23.64  | 23.64   |
| 10                                     | 25      | 25        |        | 23.55  | 23.60  | 23.74   |
| 10                                     | 50      | 0         |        | 23.57  | 23.60  | 23.63   |
| 10                                     | 1       | 0         | 16-QAM | 23.96  | 24.02  | 23.96   |
| 10                                     | 1       | 25        |        | 23.92  | 23.94  | 24.03   |
| 10                                     | 1       | 49        |        | 23.94  | 23.95  | 24.02   |
| 10                                     | 25      | 0         |        | 22.70  | 22.71  | 22.73   |
| 10                                     | 25      | 12        |        | 22.69  | 22.71  | 22.75   |
| 10                                     | 25      | 25        |        | 22.67  | 22.67  | 22.83   |
| 10                                     | 50      | 0         |        | 22.66  | 22.70  | 22.72   |
| 10                                     | 1       | 0         | 64-QAM | 22.94  | 22.93  | 22.90   |
| 10                                     | 1       | 25        |        | 22.81  | 22.82  | 22.98   |
| 10                                     | 1       | 49        |        | 22.86  | 22.88  | 22.93   |
| 10                                     | 25      | 0         |        | 21.70  | 21.72  | 21.73   |
| 10                                     | 25      | 12        |        | 21.69  | 21.73  | 21.77   |
| 10                                     | 25      | 25        |        | 21.68  | 21.70  | 21.85   |
| 10                                     | 50      | 0         |        | 21.71  | 21.71  | 21.75   |
| 5                                      | 1       | 0         | QPSK   | 24.57  | 24.61  | 24.72   |
| 5                                      | 1       | 12        |        | 24.61  | 24.63  | 24.72   |
| 5                                      | 1       | 24        |        | 24.55  | 24.58  | 24.69   |
| 5                                      | 12      | 0         |        | 23.61  | 23.64  | 23.77   |
| 5                                      | 12      | 7         |        | 23.66  | 23.65  | 23.84   |
| 5                                      | 12      | 13        |        | 23.61  | 23.62  | 23.77   |
| 5                                      | 25      | 0         |        | 23.60  | 23.62  | 23.74   |
| 5                                      | 1       | 0         | 16-QAM | 23.86  | 23.94  | 24.04   |
| 5                                      | 1       | 12        |        | 23.92  | 23.96  | 24.02   |
| 5                                      | 1       | 24        |        | 23.86  | 23.89  | 24.01   |
| 5                                      | 12      | 0         |        | 22.72  | 22.70  | 22.85   |
| 5                                      | 12      | 7         |        | 22.71  | 22.72  | 22.87   |
| 5                                      | 12      | 13        |        | 22.70  | 22.70  | 22.84   |
| 5                                      | 25      | 0         |        | 22.68  | 22.67  | 22.81   |
| 5                                      | 1       | 0         | 64-QAM | 22.83  | 22.82  | 22.97   |
| 5                                      | 1       | 12        |        | 22.84  | 22.83  | 22.97   |
| 5                                      | 1       | 24        |        | 22.78  | 22.79  | 22.93   |
| 5                                      | 12      | 0         |        | 21.74  | 21.73  | 21.89   |
| 5                                      | 12      | 7         |        | 21.75  | 21.75  | 21.90   |
| 5                                      | 12      | 13        |        | 21.72  | 21.72  | 21.86   |
| 5                                      | 25      | 0         |        | 21.70  | 21.69  | 21.84   |



| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                      | 1       | 0         | QPSK   | 24.56  | 24.60  | 24.70   |
| 3                                      | 1       | 8         |        | 24.57  | 24.62  | 24.70   |
| 3                                      | 1       | 14        |        | 24.54  | 24.57  | 24.69   |
| 3                                      | 8       | 0         |        | 23.64  | 23.65  | 23.77   |
| 3                                      | 8       | 4         |        | 23.64  | 23.65  | 23.80   |
| 3                                      | 8       | 7         |        | 23.60  | 23.63  | 23.78   |
| 3                                      | 15      | 0         |        | 23.59  | 23.59  | 23.76   |
| 3                                      | 1       | 0         | 16-QAM | 23.87  | 23.87  | 24.00   |
| 3                                      | 1       | 8         |        | 23.90  | 23.95  | 24.04   |
| 3                                      | 1       | 14        |        | 23.82  | 23.90  | 23.97   |
| 3                                      | 8       | 0         |        | 22.74  | 22.71  | 22.86   |
| 3                                      | 8       | 4         |        | 22.75  | 22.75  | 22.93   |
| 3                                      | 8       | 7         |        | 22.75  | 22.72  | 22.87   |
| 3                                      | 15      | 0         |        | 22.69  | 22.68  | 22.84   |
| 3                                      | 1       | 0         | 64-QAM | 22.82  | 22.81  | 22.95   |
| 3                                      | 1       | 8         |        | 22.83  | 22.81  | 22.95   |
| 3                                      | 1       | 14        |        | 22.79  | 22.79  | 22.94   |
| 3                                      | 8       | 0         |        | 21.74  | 21.72  | 21.84   |
| 3                                      | 8       | 4         |        | 21.77  | 21.77  | 21.88   |
| 3                                      | 8       | 7         |        | 21.73  | 21.71  | 21.87   |
| 3                                      | 15      | 0         |        | 21.70  | 21.69  | 21.85   |
| 1.4                                    | 1       | 0         | QPSK   | 24.54  | 24.57  | 24.66   |
| 1.4                                    | 1       | 3         |        | 24.59  | 24.62  | 24.72   |
| 1.4                                    | 1       | 5         |        | 24.54  | 24.53  | 24.64   |
| 1.4                                    | 3       | 0         |        | 24.57  | 24.60  | 24.69   |
| 1.4                                    | 3       | 1         |        | 24.61  | 24.62  | 24.72   |
| 1.4                                    | 3       | 3         |        | 24.55  | 24.58  | 24.69   |
| 1.4                                    | 6       | 0         |        | 23.54  | 23.55  | 23.70   |
| 1.4                                    | 1       | 0         | 16-QAM | 23.81  | 23.88  | 23.95   |
| 1.4                                    | 1       | 3         |        | 23.91  | 23.92  | 24.03   |
| 1.4                                    | 1       | 5         |        | 23.79  | 23.88  | 23.95   |
| 1.4                                    | 3       | 0         |        | 23.63  | 23.65  | 23.77   |
| 1.4                                    | 3       | 1         |        | 23.66  | 23.72  | 23.83   |
| 1.4                                    | 3       | 3         |        | 23.64  | 23.68  | 23.76   |
| 1.4                                    | 6       | 0         |        | 22.69  | 22.70  | 22.82   |
| 1.4                                    | 1       | 0         | 64-QAM | 22.77  | 22.79  | 22.91   |
| 1.4                                    | 1       | 3         |        | 22.83  | 22.85  | 22.98   |
| 1.4                                    | 1       | 5         |        | 22.80  | 22.78  | 22.91   |
| 1.4                                    | 3       | 0         |        | 22.78  | 22.76  | 22.89   |
| 1.4                                    | 3       | 1         |        | 22.84  | 22.83  | 22.95   |
| 1.4                                    | 3       | 3         |        | 22.78  | 22.77  | 22.90   |
| 1.4                                    | 6       | 0         |        | 21.64  | 21.66  | 21.78   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 24.70  | 24.75  | 24.66   |
| 20                                      | 1       | 49        |        | 24.65  | 24.67  | 24.68   |
| 20                                      | 1       | 99        |        | 24.72  | 24.77  | 24.83   |
| 20                                      | 50      | 0         |        | 23.70  | 23.74  | 23.69   |
| 20                                      | 50      | 24        |        | 23.73  | 23.78  | 23.81   |
| 20                                      | 50      | 50        |        | 23.78  | 23.72  | 23.77   |
| 20                                      | 100     | 0         |        | 23.79  | 23.74  | 23.79   |
| 20                                      | 1       | 0         | 16-QAM | 24.02  | 24.01  | 23.97   |
| 20                                      | 1       | 49        |        | 24.00  | 23.98  | 24.00   |
| 20                                      | 1       | 99        |        | 24.05  | 24.12  | 24.06   |
| 20                                      | 50      | 0         |        | 22.78  | 22.81  | 22.74   |
| 20                                      | 50      | 24        |        | 22.79  | 22.82  | 22.86   |
| 20                                      | 50      | 50        |        | 22.87  | 22.78  | 22.83   |
| 20                                      | 100     | 0         |        | 22.85  | 22.78  | 22.80   |
| 20                                      | 1       | 0         | 64-QAM | 22.94  | 22.93  | 22.85   |
| 20                                      | 1       | 49        |        | 22.88  | 22.85  | 22.88   |
| 20                                      | 1       | 99        |        | 22.98  | 22.96  | 23.00   |
| 20                                      | 50      | 0         |        | 21.79  | 21.83  | 21.75   |
| 20                                      | 50      | 24        |        | 21.81  | 21.84  | 21.86   |
| 20                                      | 50      | 50        |        | 21.86  | 21.79  | 21.83   |
| 20                                      | 100     | 0         |        | 21.87  | 21.78  | 21.83   |
| 15                                      | 1       | 0         | QPSK   | 24.71  | 24.68  | 24.74   |
| 15                                      | 1       | 37        |        | 24.69  | 24.69  | 24.72   |
| 15                                      | 1       | 74        |        | 24.64  | 24.65  | 24.78   |
| 15                                      | 36      | 0         |        | 23.74  | 23.74  | 23.76   |
| 15                                      | 36      | 20        |        | 23.76  | 23.75  | 23.78   |
| 15                                      | 36      | 39        |        | 23.72  | 23.72  | 23.75   |
| 15                                      | 75      | 0         |        | 23.72  | 23.73  | 23.77   |
| 15                                      | 1       | 0         | 16-QAM | 23.99  | 23.98  | 24.07   |
| 15                                      | 1       | 37        |        | 23.98  | 23.97  | 24.05   |
| 15                                      | 1       | 74        |        | 23.91  | 23.95  | 24.10   |
| 15                                      | 36      | 0         |        | 22.77  | 22.80  | 22.83   |
| 15                                      | 36      | 20        |        | 22.82  | 22.83  | 22.87   |
| 15                                      | 36      | 39        |        | 22.74  | 22.78  | 22.83   |
| 15                                      | 75      | 0         |        | 22.78  | 22.79  | 22.85   |
| 15                                      | 1       | 0         | 64-QAM | 22.93  | 22.93  | 22.96   |
| 15                                      | 1       | 37        |        | 22.96  | 22.88  | 22.93   |
| 15                                      | 1       | 74        |        | 22.85  | 22.88  | 23.02   |
| 15                                      | 36      | 0         |        | 21.82  | 21.83  | 21.83   |
| 15                                      | 36      | 20        |        | 21.85  | 21.86  | 21.86   |
| 15                                      | 36      | 39        |        | 21.78  | 21.80  | 21.84   |
| 15                                      | 75      | 0         |        | 21.80  | 21.79  | 21.82   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.82  | 24.80  | 24.76   |
| 10                                      | 1       | 25        |        | 24.71  | 24.73  | 24.81   |
| 10                                      | 1       | 49        |        | 24.74  | 24.76  | 24.81   |
| 10                                      | 25      | 0         |        | 23.76  | 23.77  | 23.79   |
| 10                                      | 25      | 12        |        | 23.78  | 23.80  | 23.79   |
| 10                                      | 25      | 25        |        | 23.70  | 23.75  | 23.87   |
| 10                                      | 50      | 0         |        | 23.74  | 23.78  | 23.78   |
| 10                                      | 1       | 0         | 16-QAM | 24.11  | 24.10  | 24.07   |
| 10                                      | 1       | 25        |        | 24.06  | 24.09  | 24.16   |
| 10                                      | 1       | 49        |        | 24.10  | 24.07  | 24.09   |
| 10                                      | 25      | 0         |        | 22.83  | 22.85  | 22.85   |
| 10                                      | 25      | 12        |        | 22.85  | 22.86  | 22.87   |
| 10                                      | 25      | 25        |        | 22.78  | 22.83  | 22.96   |
| 10                                      | 50      | 0         |        | 22.82  | 22.84  | 22.85   |
| 10                                      | 1       | 0         | 64-QAM | 23.01  | 22.99  | 22.97   |
| 10                                      | 1       | 25        |        | 22.91  | 22.92  | 23.06   |
| 10                                      | 1       | 49        |        | 22.94  | 22.95  | 23.05   |
| 10                                      | 25      | 0         |        | 21.84  | 21.87  | 21.87   |
| 10                                      | 25      | 12        |        | 21.85  | 21.88  | 21.88   |
| 10                                      | 25      | 25        |        | 21.80  | 21.83  | 21.97   |
| 10                                      | 50      | 0         |        | 21.82  | 21.85  | 21.86   |
| 5                                       | 1       | 0         | QPSK   | 24.71  | 24.73  | 24.81   |
| 5                                       | 1       | 12        |        | 24.75  | 24.74  | 24.82   |
| 5                                       | 1       | 24        |        | 24.68  | 24.71  | 24.76   |
| 5                                       | 12      | 0         |        | 23.76  | 23.78  | 23.89   |
| 5                                       | 12      | 7         |        | 23.82  | 23.81  | 23.91   |
| 5                                       | 12      | 13        |        | 23.74  | 23.76  | 23.92   |
| 5                                       | 25      | 0         |        | 23.74  | 23.75  | 23.90   |
| 5                                       | 1       | 0         | 16-QAM | 24.02  | 24.00  | 24.13   |
| 5                                       | 1       | 12        |        | 24.05  | 24.04  | 24.16   |
| 5                                       | 1       | 24        |        | 23.99  | 24.00  | 24.05   |
| 5                                       | 12      | 0         |        | 22.83  | 22.84  | 22.95   |
| 5                                       | 12      | 7         |        | 22.86  | 22.83  | 22.98   |
| 5                                       | 12      | 13        |        | 22.80  | 22.81  | 22.96   |
| 5                                       | 25      | 0         |        | 22.83  | 22.81  | 22.95   |
| 5                                       | 1       | 0         | 64-QAM | 22.94  | 22.93  | 23.04   |
| 5                                       | 1       | 12        |        | 22.95  | 22.95  | 23.06   |
| 5                                       | 1       | 24        |        | 22.87  | 22.87  | 23.02   |
| 5                                       | 12      | 0         |        | 21.86  | 21.88  | 22.00   |
| 5                                       | 12      | 7         |        | 21.90  | 21.90  | 22.01   |
| 5                                       | 12      | 13        |        | 21.84  | 21.86  | 21.98   |
| 5                                       | 25      | 0         |        | 21.84  | 21.84  | 21.95   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                       | 1       | 0         | QPSK   | 24.72  | 24.72  | 24.82   |
| 3                                       | 1       | 8         |        | 24.72  | 24.73  | 24.82   |
| 3                                       | 1       | 14        |        | 24.69  | 24.73  | 24.78   |
| 3                                       | 8       | 0         |        | 23.76  | 23.75  | 23.87   |
| 3                                       | 8       | 4         |        | 23.79  | 23.81  | 23.92   |
| 3                                       | 8       | 7         |        | 23.74  | 23.76  | 23.91   |
| 3                                       | 15      | 0         |        | 23.73  | 23.76  | 23.88   |
| 3                                       | 1       | 0         | 16-QAM | 24.04  | 23.99  | 24.09   |
| 3                                       | 1       | 8         |        | 24.05  | 24.07  | 24.09   |
| 3                                       | 1       | 14        |        | 23.95  | 23.94  | 24.04   |
| 3                                       | 8       | 0         |        | 22.87  | 22.84  | 22.98   |
| 3                                       | 8       | 4         |        | 22.88  | 22.89  | 23.03   |
| 3                                       | 8       | 7         |        | 22.83  | 22.83  | 23.00   |
| 3                                       | 15      | 0         |        | 22.83  | 22.81  | 22.96   |
| 3                                       | 1       | 0         | 64-QAM | 22.90  | 22.90  | 23.02   |
| 3                                       | 1       | 8         |        | 22.94  | 22.90  | 23.06   |
| 3                                       | 1       | 14        |        | 22.90  | 22.90  | 23.02   |
| 3                                       | 8       | 0         |        | 21.88  | 21.84  | 21.95   |
| 3                                       | 8       | 4         |        | 21.88  | 21.89  | 22.00   |
| 3                                       | 8       | 7         |        | 21.85  | 21.86  | 21.99   |
| 3                                       | 15      | 0         |        | 21.82  | 21.83  | 21.93   |
| 1.4                                     | 1       | 0         | QPSK   | 24.68  | 24.67  | 24.76   |
| 1.4                                     | 1       | 3         |        | 24.73  | 24.76  | 24.82   |
| 1.4                                     | 1       | 5         |        | 24.67  | 24.68  | 24.65   |
| 1.4                                     | 3       | 0         |        | 24.72  | 24.72  | 24.80   |
| 1.4                                     | 3       | 1         |        | 24.74  | 24.78  | 24.82   |
| 1.4                                     | 3       | 3         |        | 24.71  | 24.72  | 24.72   |
| 1.4                                     | 6       | 0         |        | 23.69  | 23.69  | 23.83   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.98  | 23.99  | 24.04   |
| 1.4                                     | 1       | 3         |        | 24.08  | 24.07  | 24.05   |
| 1.4                                     | 1       | 5         |        | 24.00  | 23.96  | 23.96   |
| 1.4                                     | 3       | 0         |        | 23.77  | 23.79  | 23.87   |
| 1.4                                     | 3       | 1         |        | 23.83  | 23.83  | 23.90   |
| 1.4                                     | 3       | 3         |        | 23.76  | 23.78  | 23.85   |
| 1.4                                     | 6       | 0         |        | 22.83  | 22.84  | 22.96   |
| 1.4                                     | 1       | 0         | 64-QAM | 22.90  | 22.89  | 23.01   |
| 1.4                                     | 1       | 3         |        | 23.00  | 22.94  | 23.05   |
| 1.4                                     | 1       | 5         |        | 22.90  | 22.86  | 22.98   |
| 1.4                                     | 3       | 0         |        | 22.90  | 22.89  | 22.98   |
| 1.4                                     | 3       | 1         |        | 22.92  | 22.94  | 23.05   |
| 1.4                                     | 3       | 3         |        | 22.87  | 22.88  | 23.01   |
| 1.4                                     | 6       | 0         |        | 21.78  | 21.78  | 21.89   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |              |        |         |
|----------------------------------------|---------|-----------|--------|--------------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest       | Middle | Highest |
| 20                                     | 1       | 0         | QPSK   | 24.65        | 24.68  | 24.68   |
| 20                                     | 1       | 49        |        | <b>24.72</b> | 24.59  | 24.63   |
| 20                                     | 1       | 99        |        | 24.61        | 24.58  | 24.56   |
| 20                                     | 50      | 0         |        | 23.71        | 23.66  | 23.65   |
| 20                                     | 50      | 24        |        | 23.70        | 23.65  | 23.72   |
| 20                                     | 50      | 50        |        | 23.69        | 23.64  | 23.65   |
| 20                                     | 100     | 0         |        | 23.72        | 23.62  | 23.61   |
| 20                                     | 1       | 0         | 16-QAM | 23.90        | 23.95  | 23.89   |
| 20                                     | 1       | 49        |        | 23.97        | 23.86  | 23.93   |
| 20                                     | 1       | 99        |        | 23.87        | 23.90  | 23.86   |
| 20                                     | 50      | 0         |        | 22.84        | 22.73  | 22.72   |
| 20                                     | 50      | 24        |        | 22.82        | 22.73  | 22.80   |
| 20                                     | 50      | 50        |        | 22.74        | 22.67  | 22.73   |
| 20                                     | 100     | 0         |        | 22.76        | 22.70  | 22.64   |
| 20                                     | 1       | 0         | 64-QAM | 22.82        | 22.84  | 22.79   |
| 20                                     | 1       | 49        |        | 22.88        | 22.79  | 22.85   |
| 20                                     | 1       | 99        |        | 22.76        | 22.79  | 22.73   |
| 20                                     | 50      | 0         |        | 21.83        | 21.74  | 21.71   |
| 20                                     | 50      | 24        |        | 21.81        | 21.73  | 21.81   |
| 20                                     | 50      | 50        |        | 21.80        | 21.69  | 21.74   |
| 20                                     | 100     | 0         |        | 21.79        | 21.70  | 21.67   |
| 15                                     | 1       | 0         | QPSK   | 24.63        | 24.64  | 24.71   |
| 15                                     | 1       | 37        |        | 24.66        | 24.57  | 24.64   |
| 15                                     | 1       | 74        |        | 24.63        | 24.51  | 24.57   |
| 15                                     | 36      | 0         |        | 23.67        | 23.66  | 23.70   |
| 15                                     | 36      | 20        |        | 23.75        | 23.70  | 23.71   |
| 15                                     | 36      | 39        |        | 23.72        | 23.63  | 23.66   |
| 15                                     | 75      | 0         |        | 23.72        | 23.66  | 23.71   |
| 15                                     | 1       | 0         | 16-QAM | 23.97        | 24.00  | 24.03   |
| 15                                     | 1       | 37        |        | 24.02        | 23.87  | 23.96   |
| 15                                     | 1       | 74        |        | 23.94        | 23.82  | 23.88   |
| 15                                     | 36      | 0         |        | 22.72        | 22.75  | 22.77   |
| 15                                     | 36      | 20        |        | 22.85        | 22.73  | 22.78   |
| 15                                     | 36      | 39        |        | 22.81        | 22.70  | 22.72   |
| 15                                     | 75      | 0         |        | 22.82        | 22.72  | 22.75   |
| 15                                     | 1       | 0         | 64-QAM | 22.87        | 22.84  | 22.93   |
| 15                                     | 1       | 37        |        | 22.92        | 22.79  | 22.86   |
| 15                                     | 1       | 74        |        | 22.83        | 22.73  | 22.78   |
| 15                                     | 36      | 0         |        | 21.75        | 21.76  | 21.82   |
| 15                                     | 36      | 20        |        | 21.84        | 21.76  | 21.81   |
| 15                                     | 36      | 39        |        | 21.80        | 21.72  | 21.74   |
| 15                                     | 75      | 0         |        | 21.80        | 21.71  | 21.75   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 24.67  | 24.68  | 24.71   |
| 10                                     | 1       | 25        |        | 24.62  | 24.64  | 24.69   |
| 10                                     | 1       | 49        |        | 24.64  | 24.56  | 24.62   |
| 10                                     | 25      | 0         |        | 23.67  | 23.71  | 23.77   |
| 10                                     | 25      | 12        |        | 23.66  | 23.67  | 23.72   |
| 10                                     | 25      | 25        |        | 23.72  | 23.62  | 23.70   |
| 10                                     | 50      | 0         |        | 23.79  | 23.67  | 23.69   |
| 10                                     | 1       | 0         | 16-QAM | 23.99  | 23.93  | 24.01   |
| 10                                     | 1       | 25        |        | 23.94  | 23.94  | 23.99   |
| 10                                     | 1       | 49        |        | 24.00  | 23.87  | 23.92   |
| 10                                     | 25      | 0         |        | 22.75  | 22.78  | 22.82   |
| 10                                     | 25      | 12        |        | 22.76  | 22.75  | 22.83   |
| 10                                     | 25      | 25        |        | 22.82  | 22.72  | 22.74   |
| 10                                     | 50      | 0         |        | 22.88  | 22.73  | 22.77   |
| 10                                     | 1       | 0         | 64-QAM | 22.85  | 22.86  | 22.91   |
| 10                                     | 1       | 25        |        | 22.84  | 22.83  | 22.93   |
| 10                                     | 1       | 49        |        | 22.88  | 22.76  | 22.87   |
| 10                                     | 25      | 0         |        | 21.78  | 21.80  | 21.81   |
| 10                                     | 25      | 12        |        | 21.75  | 21.77  | 21.83   |
| 10                                     | 25      | 25        |        | 21.80  | 21.72  | 21.75   |
| 10                                     | 50      | 0         |        | 21.86  | 21.76  | 21.79   |
| 5                                      | 1       | 0         | QPSK   | 24.61  | 24.59  | 24.64   |
| 5                                      | 1       | 12        |        | 24.65  | 24.60  | 24.67   |
| 5                                      | 1       | 24        |        | 24.59  | 24.60  | 24.59   |
| 5                                      | 12      | 0         |        | 23.68  | 23.67  | 23.70   |
| 5                                      | 12      | 7         |        | 23.72  | 23.71  | 23.73   |
| 5                                      | 12      | 13        |        | 23.64  | 23.64  | 23.65   |
| 5                                      | 25      | 0         |        | 23.70  | 23.67  | 23.68   |
| 5                                      | 1       | 0         | 16-QAM | 23.97  | 23.94  | 23.98   |
| 5                                      | 1       | 12        |        | 23.99  | 23.93  | 23.99   |
| 5                                      | 1       | 24        |        | 23.93  | 23.86  | 23.93   |
| 5                                      | 12      | 0         |        | 22.78  | 22.73  | 22.78   |
| 5                                      | 12      | 7         |        | 22.80  | 22.79  | 22.81   |
| 5                                      | 12      | 13        |        | 22.75  | 22.73  | 22.72   |
| 5                                      | 25      | 0         |        | 22.74  | 22.74  | 22.76   |
| 5                                      | 1       | 0         | 64-QAM | 22.89  | 22.86  | 22.88   |
| 5                                      | 1       | 12        |        | 22.90  | 22.84  | 22.88   |
| 5                                      | 1       | 24        |        | 22.81  | 22.77  | 22.81   |
| 5                                      | 12      | 0         |        | 21.79  | 21.81  | 21.81   |
| 5                                      | 12      | 7         |        | 21.86  | 21.84  | 21.85   |
| 5                                      | 12      | 13        |        | 21.80  | 21.76  | 21.77   |
| 5                                      | 25      | 0         |        | 21.78  | 21.77  | 21.77   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                      | 1       | 0         | QPSK   | 24.60  | 24.61  | 24.67   |
| 3                                      | 1       | 8         |        | 24.62  | 24.62  | 24.64   |
| 3                                      | 1       | 14        |        | 24.58  | 24.58  | 24.60   |
| 3                                      | 8       | 0         |        | 23.68  | 23.70  | 23.71   |
| 3                                      | 8       | 4         |        | 23.71  | 23.70  | 23.72   |
| 3                                      | 8       | 7         |        | 23.66  | 23.67  | 23.65   |
| 3                                      | 15      | 0         |        | 23.65  | 23.66  | 23.70   |
| 3                                      | 1       | 0         | 16-QAM | 23.94  | 23.93  | 23.93   |
| 3                                      | 1       | 8         |        | 23.95  | 23.93  | 23.99   |
| 3                                      | 1       | 14        |        | 23.93  | 23.90  | 23.91   |
| 3                                      | 8       | 0         |        | 22.78  | 22.76  | 22.76   |
| 3                                      | 8       | 4         |        | 22.80  | 22.84  | 22.80   |
| 3                                      | 8       | 7         |        | 22.81  | 22.78  | 22.79   |
| 3                                      | 15      | 0         |        | 22.76  | 22.76  | 22.76   |
| 3                                      | 1       | 0         | 64-QAM | 22.88  | 22.79  | 22.86   |
| 3                                      | 1       | 8         |        | 22.87  | 22.85  | 22.88   |
| 3                                      | 1       | 14        |        | 22.87  | 22.79  | 22.82   |
| 3                                      | 8       | 0         |        | 21.78  | 21.78  | 21.77   |
| 3                                      | 8       | 4         |        | 21.82  | 21.79  | 21.80   |
| 3                                      | 8       | 7         |        | 21.79  | 21.76  | 21.76   |
| 3                                      | 15      | 0         |        | 21.78  | 21.77  | 21.74   |
| 1.4                                    | 1       | 0         | QPSK   | 24.57  | 24.55  | 24.60   |
| 1.4                                    | 1       | 3         |        | 24.63  | 24.64  | 24.65   |
| 1.4                                    | 1       | 5         |        | 24.57  | 24.57  | 24.60   |
| 1.4                                    | 3       | 0         |        | 24.59  | 24.58  | 24.64   |
| 1.4                                    | 3       | 1         |        | 24.66  | 24.64  | 24.70   |
| 1.4                                    | 3       | 3         |        | 24.60  | 24.61  | 24.64   |
| 1.4                                    | 6       | 0         |        | 23.61  | 23.62  | 23.65   |
| 1.4                                    | 1       | 0         | 16-QAM | 23.93  | 23.87  | 23.90   |
| 1.4                                    | 1       | 3         |        | 23.98  | 23.95  | 23.97   |
| 1.4                                    | 1       | 5         |        | 23.89  | 23.83  | 23.86   |
| 1.4                                    | 3       | 0         |        | 23.70  | 23.68  | 23.70   |
| 1.4                                    | 3       | 1         |        | 23.75  | 23.70  | 23.74   |
| 1.4                                    | 3       | 3         |        | 23.68  | 23.65  | 23.70   |
| 1.4                                    | 6       | 0         |        | 22.77  | 22.76  | 22.75   |
| 1.4                                    | 1       | 0         | 64-QAM | 22.81  | 22.76  | 22.81   |
| 1.4                                    | 1       | 3         |        | 22.89  | 22.83  | 22.85   |
| 1.4                                    | 1       | 5         |        | 22.79  | 22.76  | 22.75   |
| 1.4                                    | 3       | 0         |        | 22.79  | 22.77  | 22.81   |
| 1.4                                    | 3       | 1         |        | 22.86  | 22.81  | 22.85   |
| 1.4                                    | 3       | 3         |        | 22.80  | 22.78  | 22.80   |
| 1.4                                    | 6       | 0         |        | 21.70  | 21.70  | 21.68   |



| LTE Band 5 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 24.84  | 24.89  | 24.79   |
| 10                                     | 1       | 25        |        | 24.82  | 24.84  | 24.83   |
| 10                                     | 1       | 49        |        | 24.88  | 24.78  | 24.77   |
| 10                                     | 25      | 0         |        | 23.89  | 23.88  | 23.77   |
| 10                                     | 25      | 12        |        | 23.94  | 23.90  | 23.87   |
| 10                                     | 25      | 25        |        | 23.95  | 23.85  | 23.82   |
| 10                                     | 50      | 0         |        | 23.95  | 23.88  | 23.77   |
| 10                                     | 1       | 0         | 16-QAM | 24.09  | 24.17  | 24.11   |
| 10                                     | 1       | 25        |        | 24.15  | 24.20  | 24.17   |
| 10                                     | 1       | 49        |        | 24.17  | 24.06  | 24.13   |
| 10                                     | 25      | 0         |        | 22.98  | 22.95  | 22.87   |
| 10                                     | 25      | 12        |        | 23.02  | 22.96  | 22.98   |
| 10                                     | 25      | 25        |        | 22.99  | 22.90  | 22.90   |
| 10                                     | 50      | 0         |        | 23.03  | 22.96  | 22.84   |
| 10                                     | 1       | 0         | 64-QAM | 23.09  | 23.08  | 23.04   |
| 10                                     | 1       | 25        |        | 23.11  | 23.11  | 23.10   |
| 10                                     | 1       | 49        |        | 23.10  | 23.03  | 23.01   |
| 10                                     | 25      | 0         |        | 21.96  | 21.94  | 21.88   |
| 10                                     | 25      | 12        |        | 22.08  | 21.98  | 21.99   |
| 10                                     | 25      | 25        |        | 21.99  | 21.96  | 21.93   |
| 10                                     | 50      | 0         |        | 22.04  | 21.93  | 21.85   |
| 5                                      | 1       | 0         | QPSK   | 24.85  | 24.82  | 24.79   |
| 5                                      | 1       | 12        |        | 24.84  | 24.83  | 24.79   |
| 5                                      | 1       | 24        |        | 24.77  | 24.77  | 24.74   |
| 5                                      | 12      | 0         |        | 23.86  | 23.87  | 23.85   |
| 5                                      | 12      | 7         |        | 23.89  | 23.88  | 23.83   |
| 5                                      | 12      | 13        |        | 23.86  | 23.86  | 23.80   |
| 5                                      | 25      | 0         |        | 23.87  | 23.86  | 23.81   |
| 5                                      | 1       | 0         | 16-QAM | 24.08  | 24.06  | 24.11   |
| 5                                      | 1       | 12        |        | 24.16  | 24.20  | 24.06   |
| 5                                      | 1       | 24        |        | 24.13  | 24.12  | 24.08   |
| 5                                      | 12      | 0         |        | 22.95  | 22.95  | 22.91   |
| 5                                      | 12      | 7         |        | 22.98  | 22.98  | 22.93   |
| 5                                      | 12      | 13        |        | 22.98  | 22.96  | 22.88   |
| 5                                      | 25      | 0         |        | 22.93  | 22.95  | 22.90   |
| 5                                      | 1       | 0         | 64-QAM | 23.05  | 23.05  | 23.03   |
| 5                                      | 1       | 12        |        | 23.07  | 23.08  | 23.01   |
| 5                                      | 1       | 24        |        | 23.06  | 23.05  | 22.99   |
| 5                                      | 12      | 0         |        | 22.01  | 21.98  | 21.97   |
| 5                                      | 12      | 7         |        | 22.05  | 22.03  | 21.96   |
| 5                                      | 12      | 13        |        | 21.99  | 21.98  | 21.93   |
| 5                                      | 25      | 0         |        | 21.98  | 21.95  | 21.91   |



| LTE Band 5 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                      | 1       | 0         | QPSK   | 24.82  | 24.85  | 24.78   |
| 3                                      | 1       | 8         |        | 24.83  | 24.81  | 24.75   |
| 3                                      | 1       | 14        |        | 24.82  | 24.80  | 24.74   |
| 3                                      | 8       | 0         |        | 23.89  | 23.83  | 23.78   |
| 3                                      | 8       | 4         |        | 23.87  | 23.86  | 23.81   |
| 3                                      | 8       | 7         |        | 23.85  | 23.81  | 23.77   |
| 3                                      | 15      | 0         |        | 23.86  | 23.84  | 23.79   |
| 3                                      | 1       | 0         | 16-QAM | 24.09  | 24.15  | 24.06   |
| 3                                      | 1       | 8         |        | 24.14  | 24.21  | 24.10   |
| 3                                      | 1       | 14        |        | 24.15  | 24.13  | 24.10   |
| 3                                      | 8       | 0         |        | 23.00  | 22.97  | 22.89   |
| 3                                      | 8       | 4         |        | 23.03  | 23.00  | 22.97   |
| 3                                      | 8       | 7         |        | 22.98  | 22.95  | 22.92   |
| 3                                      | 15      | 0         |        | 22.96  | 22.95  | 22.89   |
| 3                                      | 1       | 0         | 64-QAM | 23.04  | 23.06  | 23.00   |
| 3                                      | 1       | 8         |        | 23.07  | 23.09  | 23.01   |
| 3                                      | 1       | 14        |        | 23.10  | 23.07  | 22.99   |
| 3                                      | 8       | 0         |        | 21.98  | 21.95  | 21.91   |
| 3                                      | 8       | 4         |        | 22.03  | 21.98  | 21.95   |
| 3                                      | 8       | 7         |        | 21.99  | 21.94  | 21.91   |
| 3                                      | 15      | 0         |        | 21.97  | 21.97  | 21.90   |
| 1.4                                    | 1       | 0         | QPSK   | 24.74  | 24.74  | 24.68   |
| 1.4                                    | 1       | 3         |        | 24.83  | 24.82  | 24.76   |
| 1.4                                    | 1       | 5         |        | 24.77  | 24.74  | 24.69   |
| 1.4                                    | 3       | 0         |        | 24.82  | 24.81  | 24.73   |
| 1.4                                    | 3       | 1         |        | 24.84  | 24.82  | 24.76   |
| 1.4                                    | 3       | 3         |        | 24.82  | 24.79  | 24.74   |
| 1.4                                    | 6       | 0         |        | 23.80  | 23.78  | 23.72   |
| 1.4                                    | 1       | 0         | 16-QAM | 24.03  | 24.06  | 24.03   |
| 1.4                                    | 1       | 3         |        | 24.10  | 24.17  | 24.09   |
| 1.4                                    | 1       | 5         |        | 24.09  | 24.10  | 24.00   |
| 1.4                                    | 3       | 0         |        | 23.86  | 23.88  | 23.83   |
| 1.4                                    | 3       | 1         |        | 23.91  | 23.93  | 23.86   |
| 1.4                                    | 3       | 3         |        | 23.85  | 23.89  | 23.82   |
| 1.4                                    | 6       | 0         |        | 22.96  | 22.92  | 22.89   |
| 1.4                                    | 1       | 0         | 64-QAM | 23.00  | 23.02  | 22.96   |
| 1.4                                    | 1       | 3         |        | 23.07  | 23.08  | 23.02   |
| 1.4                                    | 1       | 5         |        | 23.01  | 23.02  | 22.92   |
| 1.4                                    | 3       | 0         |        | 23.00  | 23.01  | 22.95   |
| 1.4                                    | 3       | 1         |        | 23.03  | 23.05  | 22.98   |
| 1.4                                    | 3       | 3         |        | 22.99  | 23.01  | 22.93   |
| 1.4                                    | 6       | 0         |        | 21.90  | 21.89  | 21.82   |



| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                     | 1       | 0         | QPSK   | 23.97  | 23.87  | 23.98   |
| 20                                     | 1       | 49        |        | 23.97  | 23.98  | 23.99   |
| 20                                     | 1       | 99        |        | 24.06  | 24.08  | 24.16   |
| 20                                     | 50      | 0         |        | 23.03  | 23.03  | 23.05   |
| 20                                     | 50      | 24        |        | 23.06  | 23.06  | 23.09   |
| 20                                     | 50      | 50        |        | 23.07  | 23.11  | 23.13   |
| 20                                     | 100     | 0         |        | 23.07  | 23.03  | 23.12   |
| 20                                     | 1       | 0         | 16-QAM | 23.31  | 23.20  | 23.31   |
| 20                                     | 1       | 49        |        | 23.29  | 23.31  | 23.33   |
| 20                                     | 1       | 99        |        | 23.38  | 23.40  | 23.42   |
| 20                                     | 50      | 0         |        | 22.10  | 22.09  | 22.14   |
| 20                                     | 50      | 24        |        | 22.13  | 22.13  | 22.16   |
| 20                                     | 50      | 50        |        | 22.15  | 22.17  | 22.21   |
| 20                                     | 100     | 0         |        | 22.11  | 22.12  | 22.14   |
| 20                                     | 1       | 0         | 64-QAM | 22.22  | 22.06  | 22.21   |
| 20                                     | 1       | 49        |        | 22.18  | 22.21  | 22.21   |
| 20                                     | 1       | 99        |        | 22.27  | 22.29  | 22.29   |
| 20                                     | 50      | 0         |        | 21.11  | 21.11  | 21.13   |
| 20                                     | 50      | 24        |        | 21.15  | 21.14  | 21.18   |
| 20                                     | 50      | 50        |        | 21.15  | 21.16  | 21.18   |
| 20                                     | 100     | 0         |        | 21.12  | 21.14  | 21.14   |
| 15                                     | 1       | 0         | QPSK   | 24.01  | 24.00  | 24.00   |
| 15                                     | 1       | 37        |        | 24.00  | 24.02  | 24.01   |
| 15                                     | 1       | 74        |        | 24.10  | 24.11  | 24.15   |
| 15                                     | 36      | 0         |        | 23.04  | 23.02  | 23.03   |
| 15                                     | 36      | 20        |        | 23.08  | 23.06  | 23.08   |
| 15                                     | 36      | 39        |        | 23.11  | 23.06  | 23.09   |
| 15                                     | 75      | 0         |        | 23.07  | 23.06  | 23.09   |
| 15                                     | 1       | 0         | 16-QAM | 23.32  | 23.33  | 23.28   |
| 15                                     | 1       | 37        |        | 23.32  | 23.30  | 23.30   |
| 15                                     | 1       | 74        |        | 23.42  | 23.42  | 23.44   |
| 15                                     | 36      | 0         |        | 22.13  | 22.10  | 22.09   |
| 15                                     | 36      | 20        |        | 22.14  | 22.15  | 22.15   |
| 15                                     | 36      | 39        |        | 22.15  | 22.15  | 22.16   |
| 15                                     | 75      | 0         |        | 22.14  | 22.11  | 22.14   |
| 15                                     | 1       | 0         | 64-QAM | 22.25  | 22.23  | 22.26   |
| 15                                     | 1       | 37        |        | 22.23  | 22.22  | 22.22   |
| 15                                     | 1       | 74        |        | 22.33  | 22.30  | 22.35   |
| 15                                     | 36      | 0         |        | 21.16  | 21.14  | 21.13   |
| 15                                     | 36      | 20        |        | 21.18  | 21.16  | 21.17   |
| 15                                     | 36      | 39        |        | 21.16  | 21.18  | 21.16   |
| 15                                     | 75      | 0         |        | 21.12  | 21.12  | 21.14   |



| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 24.02  | 24.01  | 23.98   |
| 10                                     | 1       | 25        |        | 24.02  | 24.03  | 24.00   |
| 10                                     | 1       | 49        |        | 24.06  | 24.07  | 24.08   |
| 10                                     | 25      | 0         |        | 23.05  | 23.01  | 23.06   |
| 10                                     | 25      | 12        |        | 23.09  | 23.04  | 23.05   |
| 10                                     | 25      | 25        |        | 23.06  | 23.08  | 23.07   |
| 10                                     | 50      | 0         |        | 23.06  | 23.05  | 23.06   |
| 10                                     | 1       | 0         | 16-QAM | 23.34  | 23.35  | 23.29   |
| 10                                     | 1       | 25        |        | 23.33  | 23.32  | 23.34   |
| 10                                     | 1       | 49        |        | 23.38  | 23.41  | 23.43   |
| 10                                     | 25      | 0         |        | 22.10  | 22.10  | 22.09   |
| 10                                     | 25      | 12        |        | 22.15  | 22.14  | 22.15   |
| 10                                     | 25      | 25        |        | 22.16  | 22.14  | 22.15   |
| 10                                     | 50      | 0         |        | 22.14  | 22.12  | 22.13   |
| 10                                     | 1       | 0         | 64-QAM | 22.27  | 22.19  | 22.18   |
| 10                                     | 1       | 25        |        | 22.23  | 22.21  | 22.19   |
| 10                                     | 1       | 49        |        | 22.32  | 22.27  | 22.26   |
| 10                                     | 25      | 0         |        | 21.11  | 21.09  | 21.11   |
| 10                                     | 25      | 12        |        | 21.16  | 21.13  | 21.13   |
| 10                                     | 25      | 25        |        | 21.15  | 21.15  | 21.15   |
| 10                                     | 50      | 0         |        | 21.14  | 21.11  | 21.13   |
| 5                                      | 1       | 0         | QPSK   | 24.02  | 24.02  | 23.97   |
| 5                                      | 1       | 12        |        | 24.03  | 24.03  | 24.03   |
| 5                                      | 1       | 24        |        | 24.07  | 24.05  | 24.02   |
| 5                                      | 12      | 0         |        | 23.03  | 23.01  | 23.00   |
| 5                                      | 12      | 7         |        | 23.10  | 23.10  | 23.07   |
| 5                                      | 12      | 13        |        | 23.10  | 23.05  | 23.04   |
| 5                                      | 25      | 0         |        | 23.07  | 23.05  | 23.06   |
| 5                                      | 1       | 0         | 16-QAM | 23.32  | 23.31  | 23.31   |
| 5                                      | 1       | 12        |        | 23.34  | 23.33  | 23.34   |
| 5                                      | 1       | 24        |        | 23.34  | 23.33  | 23.35   |
| 5                                      | 12      | 0         |        | 22.11  | 22.09  | 22.09   |
| 5                                      | 12      | 7         |        | 22.18  | 22.15  | 22.12   |
| 5                                      | 12      | 13        |        | 22.13  | 22.12  | 22.15   |
| 5                                      | 25      | 0         |        | 22.13  | 22.11  | 22.12   |
| 5                                      | 1       | 0         | 64-QAM | 22.28  | 22.22  | 22.18   |
| 5                                      | 1       | 12        |        | 22.27  | 22.24  | 22.21   |
| 5                                      | 1       | 24        |        | 22.27  | 22.28  | 22.23   |
| 5                                      | 12      | 0         |        | 21.15  | 21.12  | 21.12   |
| 5                                      | 12      | 7         |        | 21.19  | 21.18  | 21.18   |
| 5                                      | 12      | 13        |        | 21.18  | 21.17  | 21.16   |
| 5                                      | 25      | 0         |        | 21.14  | 21.12  | 21.11   |



| LTE Band 12 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.54  | 24.58  | 24.65   |
| 10                                      | 1       | 25        |        | 24.65  | 24.69  | 24.75   |
| 10                                      | 1       | 49        |        | 24.75  | 24.77  | 24.88   |
| 10                                      | 25      | 0         |        | 23.67  | 23.74  | 23.72   |
| 10                                      | 25      | 12        |        | 23.80  | 23.73  | 23.73   |
| 10                                      | 25      | 25        |        | 23.79  | 23.70  | 23.77   |
| 10                                      | 50      | 0         |        | 23.78  | 23.75  | 23.71   |
| 10                                      | 1       | 0         | 16-QAM | 23.93  | 23.95  | 24.04   |
| 10                                      | 1       | 25        |        | 24.02  | 24.05  | 24.12   |
| 10                                      | 1       | 49        |        | 24.08  | 24.15  | 24.22   |
| 10                                      | 25      | 0         |        | 22.78  | 22.86  | 22.81   |
| 10                                      | 25      | 12        |        | 22.88  | 22.81  | 22.82   |
| 10                                      | 25      | 25        |        | 22.83  | 22.82  | 22.91   |
| 10                                      | 50      | 0         |        | 22.89  | 22.83  | 22.81   |
| 10                                      | 1       | 0         | 64-QAM | 22.78  | 22.83  | 22.92   |
| 10                                      | 1       | 25        |        | 22.92  | 22.99  | 23.02   |
| 10                                      | 1       | 49        |        | 23.00  | 23.05  | 23.12   |
| 10                                      | 25      | 0         |        | 21.79  | 21.87  | 21.82   |
| 10                                      | 25      | 12        |        | 21.89  | 21.83  | 21.81   |
| 10                                      | 25      | 25        |        | 21.86  | 21.86  | 21.92   |
| 10                                      | 50      | 0         |        | 21.91  | 21.85  | 21.82   |
| 5                                       | 1       | 0         | QPSK   | 24.55  | 24.57  | 24.72   |
| 5                                       | 1       | 12        |        | 24.64  | 24.68  | 24.73   |
| 5                                       | 1       | 24        |        | 24.62  | 24.69  | 24.82   |
| 5                                       | 12      | 0         |        | 23.66  | 23.71  | 23.74   |
| 5                                       | 12      | 7         |        | 23.71  | 23.75  | 23.80   |
| 5                                       | 12      | 13        |        | 23.65  | 23.73  | 23.77   |
| 5                                       | 25      | 0         |        | 23.69  | 23.72  | 23.76   |
| 5                                       | 1       | 0         | 16-QAM | 23.88  | 23.95  | 24.06   |
| 5                                       | 1       | 12        |        | 24.03  | 24.05  | 24.11   |
| 5                                       | 1       | 24        |        | 23.99  | 24.01  | 24.14   |
| 5                                       | 12      | 0         |        | 22.81  | 22.82  | 22.86   |
| 5                                       | 12      | 7         |        | 22.82  | 22.82  | 22.90   |
| 5                                       | 12      | 13        |        | 22.79  | 22.79  | 22.87   |
| 5                                       | 25      | 0         |        | 22.78  | 22.80  | 22.83   |
| 5                                       | 1       | 0         | 64-QAM | 22.82  | 22.88  | 22.99   |
| 5                                       | 1       | 12        |        | 22.95  | 22.98  | 23.02   |
| 5                                       | 1       | 24        |        | 22.91  | 22.95  | 23.07   |
| 5                                       | 12      | 0         |        | 21.87  | 21.88  | 21.90   |
| 5                                       | 12      | 7         |        | 21.89  | 21.88  | 21.94   |
| 5                                       | 12      | 13        |        | 21.85  | 21.89  | 21.93   |
| 5                                       | 25      | 0         |        | 21.80  | 21.80  | 21.86   |



| LTE Band 12 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                       | 1       | 0         | QPSK   | 24.61  | 24.74  | 24.77   |
| 3                                       | 1       | 8         |        | 24.58  | 24.73  | 24.83   |
| 3                                       | 1       | 14        |        | 24.69  | 24.71  | 24.87   |
| 3                                       | 8       | 0         |        | 23.65  | 23.74  | 23.79   |
| 3                                       | 8       | 4         |        | 23.68  | 23.81  | 23.95   |
| 3                                       | 8       | 7         |        | 23.71  | 23.78  | 23.94   |
| 3                                       | 15      | 0         |        | 23.76  | 23.74  | 23.78   |
| 3                                       | 1       | 0         | 16-QAM | 23.99  | 24.08  | 24.09   |
| 3                                       | 1       | 8         |        | 23.93  | 24.10  | 24.19   |
| 3                                       | 1       | 14        |        | 24.00  | 24.04  | 24.21   |
| 3                                       | 8       | 0         |        | 22.79  | 22.92  | 22.93   |
| 3                                       | 8       | 4         |        | 22.80  | 22.94  | 23.10   |
| 3                                       | 8       | 7         |        | 22.91  | 22.90  | 23.06   |
| 3                                       | 15      | 0         |        | 22.86  | 22.85  | 22.91   |
| 3                                       | 1       | 0         | 64-QAM | 22.90  | 23.00  | 23.03   |
| 3                                       | 1       | 8         |        | 22.89  | 23.02  | 23.14   |
| 3                                       | 1       | 14        |        | 22.95  | 22.98  | 23.12   |
| 3                                       | 8       | 0         |        | 21.78  | 21.91  | 21.92   |
| 3                                       | 8       | 4         |        | 21.81  | 21.92  | 22.08   |
| 3                                       | 8       | 7         |        | 21.88  | 21.89  | 22.06   |
| 3                                       | 15      | 0         |        | 21.84  | 21.90  | 21.87   |
| 1.4                                     | 1       | 0         | QPSK   | 24.54  | 24.66  | 24.78   |
| 1.4                                     | 1       | 3         |        | 24.61  | 24.71  | 24.85   |
| 1.4                                     | 1       | 5         |        | 24.53  | 24.63  | 24.77   |
| 1.4                                     | 3       | 0         |        | 24.58  | 24.69  | 24.81   |
| 1.4                                     | 3       | 1         |        | 24.62  | 24.72  | 24.85   |
| 1.4                                     | 3       | 3         |        | 24.60  | 24.68  | 24.81   |
| 1.4                                     | 6       | 0         |        | 23.58  | 23.68  | 23.85   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.92  | 23.99  | 24.11   |
| 1.4                                     | 1       | 3         |        | 23.99  | 24.07  | 24.18   |
| 1.4                                     | 1       | 5         |        | 23.89  | 24.00  | 24.14   |
| 1.4                                     | 3       | 0         |        | 23.68  | 23.79  | 23.91   |
| 1.4                                     | 3       | 1         |        | 23.72  | 23.82  | 23.93   |
| 1.4                                     | 3       | 3         |        | 23.68  | 23.79  | 23.90   |
| 1.4                                     | 6       | 0         |        | 22.79  | 22.83  | 23.01   |
| 1.4                                     | 1       | 0         | 64-QAM | 22.83  | 22.94  | 23.02   |
| 1.4                                     | 1       | 3         |        | 22.89  | 23.00  | 23.13   |
| 1.4                                     | 1       | 5         |        | 22.82  | 22.93  | 23.03   |
| 1.4                                     | 3       | 0         |        | 22.82  | 22.92  | 23.04   |
| 1.4                                     | 3       | 1         |        | 22.87  | 22.94  | 23.08   |
| 1.4                                     | 3       | 3         |        | 22.78  | 22.92  | 23.03   |
| 1.4                                     | 6       | 0         |        | 21.69  | 21.78  | 21.95   |



| LTE Band 13 Maximum Average Power [dBm] |         |           |        |        |              |         |
|-----------------------------------------|---------|-----------|--------|--------|--------------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle       | Highest |
| 10                                      | 1       | 0         | QPSK   |        | 24.53        |         |
| 10                                      | 1       | 25        |        |        | <b>24.73</b> |         |
| 10                                      | 1       | 49        |        |        | 24.66        |         |
| 10                                      | 25      | 0         |        |        | 23.68        |         |
| 10                                      | 25      | 12        |        |        | 23.73        |         |
| 10                                      | 25      | 25        |        |        | 23.66        |         |
| 10                                      | 50      | 0         |        |        | 23.73        |         |
| 10                                      | 1       | 0         | 16-QAM |        | 23.80        |         |
| 10                                      | 1       | 25        |        |        | 24.10        |         |
| 10                                      | 1       | 49        |        |        | 24.03        |         |
| 10                                      | 25      | 0         |        |        | 22.75        |         |
| 10                                      | 25      | 12        |        |        | 22.85        |         |
| 10                                      | 25      | 25        |        |        | 22.80        |         |
| 10                                      | 50      | 0         |        |        | 22.82        |         |
| 10                                      | 1       | 0         | 64-QAM |        | 22.72        |         |
| 10                                      | 1       | 25        |        |        | 23.00        |         |
| 10                                      | 1       | 49        |        |        | 22.97        |         |
| 10                                      | 25      | 0         |        |        | 21.78        |         |
| 10                                      | 25      | 12        |        |        | 21.84        |         |
| 10                                      | 25      | 25        |        |        | 21.80        |         |
| 10                                      | 50      | 0         |        |        | 21.82        |         |
| 5                                       | 1       | 0         | QPSK   | 24.51  | 24.57        | 24.71   |
| 5                                       | 1       | 12        |        | 24.59  | 24.71        | 24.69   |
| 5                                       | 1       | 24        |        | 24.72  | 24.67        | 24.65   |
| 5                                       | 12      | 0         |        | 23.72  | 23.75        | 23.73   |
| 5                                       | 12      | 7         |        | 23.69  | 23.77        | 23.71   |
| 5                                       | 12      | 13        |        | 23.73  | 23.71        | 23.71   |
| 5                                       | 25      | 0         |        | 23.66  | 23.69        | 23.70   |
| 5                                       | 1       | 0         | 16-QAM | 23.80  | 23.97        | 24.07   |
| 5                                       | 1       | 12        |        | 23.98  | 24.08        | 24.02   |
| 5                                       | 1       | 24        |        | 24.05  | 24.01        | 24.00   |
| 5                                       | 12      | 0         |        | 22.78  | 22.80        | 22.80   |
| 5                                       | 12      | 7         |        | 22.80  | 22.83        | 22.79   |
| 5                                       | 12      | 13        |        | 22.84  | 22.77        | 22.79   |
| 5                                       | 25      | 0         |        | 22.77  | 22.78        | 22.79   |
| 5                                       | 1       | 0         | 64-QAM | 22.71  | 22.85        | 22.97   |
| 5                                       | 1       | 12        |        | 22.90  | 23.01        | 22.92   |
| 5                                       | 1       | 24        |        | 22.98  | 22.94        | 22.89   |
| 5                                       | 12      | 0         |        | 21.78  | 21.89        | 21.84   |
| 5                                       | 12      | 7         |        | 21.81  | 21.91        | 21.84   |
| 5                                       | 12      | 13        |        | 21.89  | 21.86        | 21.83   |
| 5                                       | 25      | 0         |        | 21.75  | 21.83        | 21.80   |



| LTE Band 17 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.60  | 24.59  | 24.68   |
| 10                                      | 1       | 25        |        | 24.73  | 24.69  | 24.71   |
| 10                                      | 1       | 49        |        | 24.71  | 24.71  | 24.69   |
| 10                                      | 25      | 0         |        | 23.78  | 23.76  | 23.71   |
| 10                                      | 25      | 12        |        | 23.77  | 23.73  | 23.78   |
| 10                                      | 25      | 25        |        | 23.76  | 23.73  | 23.75   |
| 10                                      | 50      | 0         |        | 23.77  | 23.73  | 23.73   |
| 10                                      | 1       | 0         | 16-QAM | 23.99  | 23.99  | 24.06   |
| 10                                      | 1       | 25        |        | 24.06  | 24.05  | 24.07   |
| 10                                      | 1       | 49        |        | 24.09  | 24.07  | 24.03   |
| 10                                      | 25      | 0         |        | 22.86  | 22.84  | 22.82   |
| 10                                      | 25      | 12        |        | 22.84  | 22.89  | 22.87   |
| 10                                      | 25      | 25        |        | 22.86  | 22.84  | 22.84   |
| 10                                      | 50      | 0         |        | 22.86  | 22.84  | 22.84   |
| 10                                      | 1       | 0         | 64-QAM | 22.89  | 22.86  | 22.97   |
| 10                                      | 1       | 25        |        | 22.97  | 22.96  | 22.96   |
| 10                                      | 1       | 49        |        | 22.98  | 22.97  | 22.95   |
| 10                                      | 25      | 0         |        | 21.87  | 21.82  | 21.84   |
| 10                                      | 25      | 12        |        | 21.86  | 21.89  | 21.88   |
| 10                                      | 25      | 25        |        | 21.86  | 21.85  | 21.84   |
| 10                                      | 50      | 0         |        | 21.86  | 21.83  | 21.85   |
| 5                                       | 1       | 0         | QPSK   | 24.62  | 24.71  | 24.68   |
| 5                                       | 1       | 12        |        | 24.72  | 24.69  | 24.68   |
| 5                                       | 1       | 24        |        | 24.70  | 24.69  | 24.66   |
| 5                                       | 12      | 0         |        | 23.67  | 23.71  | 23.70   |
| 5                                       | 12      | 7         |        | 23.78  | 23.74  | 23.75   |
| 5                                       | 12      | 13        |        | 23.78  | 23.72  | 23.72   |
| 5                                       | 25      | 0         |        | 23.79  | 23.75  | 23.71   |
| 5                                       | 1       | 0         | 16-QAM | 23.98  | 24.02  | 24.03   |
| 5                                       | 1       | 12        |        | 24.08  | 24.07  | 24.04   |
| 5                                       | 1       | 24        |        | 24.08  | 24.03  | 23.99   |
| 5                                       | 12      | 0         |        | 22.80  | 22.85  | 22.80   |
| 5                                       | 12      | 7         |        | 22.93  | 22.87  | 22.86   |
| 5                                       | 12      | 13        |        | 22.84  | 22.83  | 22.83   |
| 5                                       | 25      | 0         |        | 22.85  | 22.81  | 22.79   |
| 5                                       | 1       | 0         | 64-QAM | 22.89  | 22.96  | 22.93   |
| 5                                       | 1       | 12        |        | 22.99  | 22.98  | 22.95   |
| 5                                       | 1       | 24        |        | 22.99  | 22.96  | 22.92   |
| 5                                       | 12      | 0         |        | 21.85  | 21.90  | 21.84   |
| 5                                       | 12      | 7         |        | 21.95  | 21.91  | 21.88   |
| 5                                       | 12      | 13        |        | 21.94  | 21.88  | 21.86   |
| 5                                       | 25      | 0         |        | 21.88  | 21.84  | 21.82   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |              |        |         |
|-----------------------------------------|---------|-----------|--------|--------------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest       | Middle | Highest |
| 15                                      | 1       | 0         | QPSK   | 24.85        | 24.87  | 24.83   |
| 15                                      | 1       | 37        |        | 24.92        | 24.84  | 24.84   |
| 15                                      | 1       | 74        |        | <b>24.98</b> | 24.88  | 24.85   |
| 15                                      | 36      | 0         |        | 23.99        | 23.96  | 23.88   |
| 15                                      | 36      | 20        |        | 24.01        | 23.97  | 23.90   |
| 15                                      | 36      | 39        |        | 24.00        | 23.91  | 23.86   |
| 15                                      | 75      | 0         |        | 23.99        | 23.96  | 23.83   |
| 15                                      | 1       | 0         | 16-QAM | 24.18        | 24.22  | 24.14   |
| 15                                      | 1       | 37        |        | 24.24        | 24.14  | 24.21   |
| 15                                      | 1       | 74        |        | 24.27        | 24.20  | 24.19   |
| 15                                      | 36      | 0         |        | 23.09        | 23.04  | 22.92   |
| 15                                      | 36      | 20        |        | 23.09        | 23.03  | 22.93   |
| 15                                      | 36      | 39        |        | 23.13        | 22.99  | 22.97   |
| 15                                      | 75      | 0         |        | 23.06        | 23.02  | 22.90   |
| 15                                      | 1       | 0         | 64-QAM | 23.10        | 23.08  | 23.10   |
| 15                                      | 1       | 37        |        | 23.16        | 23.07  | 23.14   |
| 15                                      | 1       | 74        |        | 23.16        | 23.08  | 23.05   |
| 15                                      | 36      | 0         |        | 22.11        | 22.10  | 21.99   |
| 15                                      | 36      | 20        |        | 22.11        | 22.08  | 21.97   |
| 15                                      | 36      | 39        |        | 22.17        | 22.02  | 22.00   |
| 15                                      | 75      | 0         |        | 22.05        | 22.03  | 21.91   |
| 10                                      | 1       | 0         | QPSK   | 24.82        | 24.79  | 24.85   |
| 10                                      | 1       | 25        |        | 24.91        | 24.87  | 24.80   |
| 10                                      | 1       | 49        |        | 24.88        | 24.81  | 24.77   |
| 10                                      | 25      | 0         |        | 23.98        | 23.93  | 23.87   |
| 10                                      | 25      | 12        |        | 24.01        | 23.93  | 23.92   |
| 10                                      | 25      | 25        |        | 23.95        | 23.88  | 23.86   |
| 10                                      | 50      | 0         |        | 23.96        | 23.94  | 23.88   |
| 10                                      | 1       | 0         | 16-QAM | 24.15        | 24.10  | 24.17   |
| 10                                      | 1       | 25        |        | 24.20        | 24.13  | 24.15   |
| 10                                      | 1       | 49        |        | 24.24        | 24.13  | 24.09   |
| 10                                      | 25      | 0         |        | 23.07        | 23.05  | 22.99   |
| 10                                      | 25      | 12        |        | 23.09        | 23.03  | 23.01   |
| 10                                      | 25      | 25        |        | 23.04        | 22.98  | 22.95   |
| 10                                      | 50      | 0         |        | 23.06        | 23.02  | 22.98   |
| 10                                      | 1       | 0         | 64-QAM | 23.05        | 23.05  | 23.12   |
| 10                                      | 1       | 25        |        | 23.14        | 23.07  | 23.07   |
| 10                                      | 1       | 49        |        | 23.15        | 23.06  | 23.04   |
| 10                                      | 25      | 0         |        | 22.09        | 22.07  | 21.97   |
| 10                                      | 25      | 12        |        | 22.11        | 22.04  | 22.00   |
| 10                                      | 25      | 25        |        | 22.05        | 22.01  | 21.94   |
| 10                                      | 50      | 0         |        | 22.07        | 22.03  | 21.97   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 24.82  | 24.85  | 24.77   |
| 5                                       | 1       | 12        |        | 24.81  | 24.83  | 24.79   |
| 5                                       | 1       | 24        |        | 24.88  | 24.81  | 24.74   |
| 5                                       | 12      | 0         |        | 23.87  | 23.92  | 23.84   |
| 5                                       | 12      | 7         |        | 23.88  | 23.94  | 23.87   |
| 5                                       | 12      | 13        |        | 24.00  | 23.92  | 23.83   |
| 5                                       | 25      | 0         |        | 24.00  | 23.94  | 23.85   |
| 5                                       | 1       | 0         | 16-QAM | 24.14  | 24.16  | 24.09   |
| 5                                       | 1       | 12        |        | 24.17  | 24.12  | 24.11   |
| 5                                       | 1       | 24        |        | 24.18  | 24.15  | 24.07   |
| 5                                       | 12      | 0         |        | 22.93  | 23.02  | 22.97   |
| 5                                       | 12      | 7         |        | 22.96  | 23.03  | 22.95   |
| 5                                       | 12      | 13        |        | 23.07  | 23.00  | 22.89   |
| 5                                       | 25      | 0         |        | 23.07  | 23.01  | 22.93   |
| 5                                       | 1       | 0         | 64-QAM | 23.09  | 23.08  | 23.06   |
| 5                                       | 1       | 12        |        | 23.09  | 23.11  | 23.03   |
| 5                                       | 1       | 24        |        | 23.14  | 23.07  | 22.98   |
| 5                                       | 12      | 0         |        | 21.98  | 22.04  | 21.98   |
| 5                                       | 12      | 7         |        | 22.00  | 22.09  | 21.98   |
| 5                                       | 12      | 13        |        | 22.11  | 22.07  | 21.95   |
| 5                                       | 25      | 0         |        | 22.06  | 22.00  | 21.93   |
| 3                                       | 1       | 0         | QPSK   | 24.83  | 24.85  | 24.77   |
| 3                                       | 1       | 8         |        | 24.82  | 24.85  | 24.76   |
| 3                                       | 1       | 14        |        | 24.81  | 24.83  | 24.74   |
| 3                                       | 8       | 0         |        | 23.83  | 23.90  | 23.82   |
| 3                                       | 8       | 4         |        | 23.86  | 23.96  | 23.87   |
| 3                                       | 8       | 7         |        | 23.82  | 23.93  | 23.82   |
| 3                                       | 15      | 0         |        | 23.84  | 23.93  | 23.83   |
| 3                                       | 1       | 0         | 16-QAM | 24.15  | 24.11  | 24.16   |
| 3                                       | 1       | 8         |        | 24.18  | 24.10  | 24.17   |
| 3                                       | 1       | 14        |        | 24.15  | 24.15  | 24.04   |
| 3                                       | 8       | 0         |        | 22.94  | 23.06  | 22.97   |
| 3                                       | 8       | 4         |        | 22.98  | 23.07  | 22.97   |
| 3                                       | 8       | 7         |        | 22.96  | 23.02  | 22.97   |
| 3                                       | 15      | 0         |        | 22.95  | 23.00  | 22.91   |
| 3                                       | 1       | 0         | 64-QAM | 23.07  | 23.06  | 23.03   |
| 3                                       | 1       | 8         |        | 23.11  | 23.10  | 23.04   |
| 3                                       | 1       | 14        |        | 23.07  | 23.12  | 23.00   |
| 3                                       | 8       | 0         |        | 21.96  | 22.05  | 21.94   |
| 3                                       | 8       | 4         |        | 21.99  | 22.08  | 21.99   |
| 3                                       | 8       | 7         |        | 21.98  | 22.05  | 21.96   |
| 3                                       | 15      | 0         |        | 21.92  | 22.00  | 21.92   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                     | 1       | 0         | QPSK   | 24.75  | 24.76  | 24.68   |
| 1.4                                     | 1       | 3         |        | 24.84  | 24.83  | 24.77   |
| 1.4                                     | 1       | 5         |        | 24.74  | 24.75  | 24.67   |
| 1.4                                     | 3       | 0         |        | 24.83  | 24.80  | 24.73   |
| 1.4                                     | 3       | 1         |        | 24.85  | 24.84  | 24.76   |
| 1.4                                     | 3       | 3         |        | 24.81  | 24.80  | 24.75   |
| 1.4                                     | 6       | 0         |        | 23.78  | 23.85  | 23.76   |
| 1.4                                     | 1       | 0         | 16-QAM | 24.09  | 24.05  | 24.05   |
| 1.4                                     | 1       | 3         |        | 24.19  | 24.13  | 24.11   |
| 1.4                                     | 1       | 5         |        | 24.07  | 24.04  | 23.95   |
| 1.4                                     | 3       | 0         |        | 23.91  | 23.84  | 23.81   |
| 1.4                                     | 3       | 1         |        | 23.94  | 23.88  | 23.85   |
| 1.4                                     | 3       | 3         |        | 23.89  | 23.86  | 23.78   |
| 1.4                                     | 6       | 0         |        | 22.94  | 23.03  | 22.91   |
| 1.4                                     | 1       | 0         | 64-QAM | 23.02  | 23.03  | 22.92   |
| 1.4                                     | 1       | 3         |        | 23.09  | 23.06  | 23.01   |
| 1.4                                     | 1       | 5         |        | 23.01  | 23.01  | 22.93   |
| 1.4                                     | 3       | 0         |        | 23.01  | 23.03  | 22.95   |
| 1.4                                     | 3       | 1         |        | 23.08  | 23.07  | 22.98   |
| 1.4                                     | 3       | 3         |        | 23.00  | 23.02  | 22.94   |
| 1.4                                     | 6       | 0         |        | 21.89  | 21.94  | 21.85   |



| LTE Band 38 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 24.14  | 23.95  | 23.86   |
| 20                                      | 1       | 49        |        | 24.01  | 23.85  | 23.76   |
| 20                                      | 1       | 99        |        | 23.91  | 23.87  | 23.78   |
| 20                                      | 50      | 0         |        | 23.14  | 22.96  | 22.87   |
| 20                                      | 50      | 24        |        | 23.04  | 22.94  | 22.85   |
| 20                                      | 50      | 50        |        | 22.98  | 22.95  | 22.83   |
| 20                                      | 100     | 0         |        | 23.02  | 22.93  | 22.86   |
| 20                                      | 1       | 0         | 16-QAM | 23.17  | 23.05  | 22.97   |
| 20                                      | 1       | 49        |        | 23.12  | 22.96  | 22.88   |
| 20                                      | 1       | 99        |        | 23.02  | 22.98  | 22.91   |
| 20                                      | 50      | 0         |        | 22.20  | 22.04  | 21.94   |
| 20                                      | 50      | 24        |        | 22.07  | 22.02  | 21.95   |
| 20                                      | 50      | 50        |        | 22.07  | 21.99  | 21.91   |
| 20                                      | 100     | 0         |        | 22.09  | 22.02  | 21.92   |
| 20                                      | 1       | 0         | 64-QAM | 21.93  | 21.77  | 21.71   |
| 20                                      | 1       | 49        |        | 21.85  | 21.70  | 21.62   |
| 20                                      | 1       | 99        |        | 21.75  | 21.70  | 21.63   |
| 20                                      | 50      | 0         |        | 21.18  | 21.03  | 20.95   |
| 20                                      | 50      | 24        |        | 21.09  | 21.05  | 20.93   |
| 20                                      | 50      | 50        |        | 21.05  | 21.03  | 20.92   |
| 20                                      | 100     | 0         |        | 21.08  | 21.03  | 20.94   |
| 15                                      | 1       | 0         | QPSK   | 24.13  | 23.93  | 23.88   |
| 15                                      | 1       | 37        |        | 24.05  | 23.86  | 23.77   |
| 15                                      | 1       | 74        |        | 24.03  | 23.93  | 23.84   |
| 15                                      | 36      | 0         |        | 23.14  | 22.94  | 22.84   |
| 15                                      | 36      | 20        |        | 23.11  | 22.96  | 22.82   |
| 15                                      | 36      | 39        |        | 23.01  | 22.89  | 22.79   |
| 15                                      | 75      | 0         |        | 23.01  | 22.93  | 22.84   |
| 15                                      | 1       | 0         | 16-QAM | 23.21  | 23.05  | 22.93   |
| 15                                      | 1       | 37        |        | 23.15  | 22.98  | 22.87   |
| 15                                      | 1       | 74        |        | 23.09  | 23.03  | 22.92   |
| 15                                      | 36      | 0         |        | 22.18  | 21.97  | 21.85   |
| 15                                      | 36      | 20        |        | 22.20  | 22.00  | 21.90   |
| 15                                      | 36      | 39        |        | 22.06  | 21.95  | 21.82   |
| 15                                      | 75      | 0         |        | 22.09  | 22.03  | 21.91   |
| 15                                      | 1       | 0         | 64-QAM | 21.94  | 21.78  | 21.69   |
| 15                                      | 1       | 37        |        | 21.90  | 21.72  | 21.63   |
| 15                                      | 1       | 74        |        | 21.84  | 21.76  | 21.66   |
| 15                                      | 36      | 0         |        | 21.20  | 20.99  | 20.89   |
| 15                                      | 36      | 20        |        | 21.19  | 21.01  | 20.89   |
| 15                                      | 36      | 39        |        | 21.04  | 20.94  | 20.88   |
| 15                                      | 75      | 0         |        | 21.08  | 21.03  | 20.91   |



| LTE Band 38 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.06  | 23.89  | 23.79   |
| 10                                      | 1       | 25        |        | 24.05  | 23.88  | 23.76   |
| 10                                      | 1       | 49        |        | 24.08  | 23.90  | 23.80   |
| 10                                      | 25      | 0         |        | 23.12  | 22.90  | 22.80   |
| 10                                      | 25      | 12        |        | 23.13  | 22.91  | 22.82   |
| 10                                      | 25      | 25        |        | 23.14  | 22.87  | 22.78   |
| 10                                      | 50      | 0         |        | 23.11  | 22.92  | 22.81   |
| 10                                      | 1       | 0         | 16-QAM | 23.21  | 23.00  | 22.91   |
| 10                                      | 1       | 25        |        | 23.15  | 22.99  | 22.88   |
| 10                                      | 1       | 49        |        | 23.16  | 22.98  | 22.85   |
| 10                                      | 25      | 0         |        | 22.21  | 22.01  | 21.88   |
| 10                                      | 25      | 12        |        | 22.20  | 22.01  | 21.91   |
| 10                                      | 25      | 25        |        | 22.23  | 22.00  | 21.86   |
| 10                                      | 50      | 0         |        | 22.21  | 21.99  | 21.92   |
| 10                                      | 1       | 0         | 64-QAM | 21.95  | 21.75  | 21.67   |
| 10                                      | 1       | 25        |        | 21.91  | 21.72  | 21.61   |
| 10                                      | 1       | 49        |        | 21.92  | 21.74  | 21.61   |
| 10                                      | 25      | 0         |        | 21.22  | 21.04  | 20.92   |
| 10                                      | 25      | 12        |        | 21.25  | 21.05  | 20.93   |
| 10                                      | 25      | 25        |        | 21.25  | 21.02  | 20.92   |
| 10                                      | 50      | 0         |        | 21.20  | 21.01  | 20.91   |
| 5                                       | 1       | 0         | QPSK   | 24.04  | 23.86  | 23.74   |
| 5                                       | 1       | 12        |        | 24.06  | 23.88  | 23.75   |
| 5                                       | 1       | 24        |        | 24.02  | 23.81  | 23.69   |
| 5                                       | 12      | 0         |        | 23.10  | 22.91  | 22.76   |
| 5                                       | 12      | 7         |        | 23.11  | 22.92  | 22.78   |
| 5                                       | 12      | 13        |        | 23.11  | 22.92  | 22.75   |
| 5                                       | 25      | 0         |        | 23.10  | 22.88  | 22.78   |
| 5                                       | 1       | 0         | 16-QAM | 23.13  | 22.96  | 22.86   |
| 5                                       | 1       | 12        |        | 23.17  | 22.97  | 22.86   |
| 5                                       | 1       | 24        |        | 23.13  | 22.96  | 22.88   |
| 5                                       | 12      | 0         |        | 22.11  | 21.94  | 21.81   |
| 5                                       | 12      | 7         |        | 22.16  | 21.96  | 21.83   |
| 5                                       | 12      | 13        |        | 22.16  | 21.95  | 21.80   |
| 5                                       | 25      | 0         |        | 22.20  | 21.97  | 21.84   |
| 5                                       | 1       | 0         | 64-QAM | 21.88  | 21.70  | 21.60   |
| 5                                       | 1       | 12        |        | 21.93  | 21.72  | 21.61   |
| 5                                       | 1       | 24        |        | 21.92  | 21.73  | 21.59   |
| 5                                       | 12      | 0         |        | 21.19  | 20.97  | 20.85   |
| 5                                       | 12      | 7         |        | 21.21  | 21.00  | 20.90   |
| 5                                       | 12      | 13        |        | 21.19  | 21.02  | 20.89   |
| 5                                       | 25      | 0         |        | 21.23  | 21.00  | 20.89   |



| LTE Band 41 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 24.08  | 23.94  | 23.89   |
| 20                                      | 1       | 49        |        | 23.90  | 23.79  | 23.81   |
| 20                                      | 1       | 99        |        | 23.88  | 23.87  | 23.76   |
| 20                                      | 50      | 0         |        | 23.01  | 22.92  | 22.88   |
| 20                                      | 50      | 24        |        | 22.99  | 22.86  | 22.93   |
| 20                                      | 50      | 50        |        | 22.91  | 22.83  | 22.82   |
| 20                                      | 100     | 0         |        | 22.97  | 22.86  | 22.79   |
| 20                                      | 1       | 0         | 16-QAM | 23.21  | 23.09  | 23.04   |
| 20                                      | 1       | 49        |        | 23.03  | 22.90  | 22.93   |
| 20                                      | 1       | 99        |        | 22.96  | 22.97  | 22.87   |
| 20                                      | 50      | 0         |        | 22.11  | 22.01  | 21.93   |
| 20                                      | 50      | 24        |        | 22.05  | 21.94  | 22.03   |
| 20                                      | 50      | 50        |        | 22.00  | 21.88  | 21.93   |
| 20                                      | 100     | 0         |        | 22.06  | 21.95  | 21.88   |
| 20                                      | 1       | 0         | 64-QAM | 21.94  | 21.83  | 21.76   |
| 20                                      | 1       | 49        |        | 21.75  | 21.65  | 21.68   |
| 20                                      | 1       | 99        |        | 21.70  | 21.70  | 21.61   |
| 20                                      | 50      | 0         |        | 21.12  | 20.98  | 20.94   |
| 20                                      | 50      | 24        |        | 21.06  | 20.95  | 21.00   |
| 20                                      | 50      | 50        |        | 20.99  | 20.88  | 20.93   |
| 20                                      | 100     | 0         |        | 21.04  | 20.93  | 20.87   |
| 15                                      | 1       | 0         | QPSK   | 24.07  | 23.95  | 23.98   |
| 15                                      | 1       | 37        |        | 23.93  | 23.80  | 23.82   |
| 15                                      | 1       | 74        |        | 23.91  | 23.90  | 23.76   |
| 15                                      | 36      | 0         |        | 22.99  | 22.87  | 22.95   |
| 15                                      | 36      | 20        |        | 22.94  | 22.82  | 22.89   |
| 15                                      | 36      | 39        |        | 22.94  | 22.78  | 22.85   |
| 15                                      | 75      | 0         |        | 22.98  | 22.87  | 22.89   |
| 15                                      | 1       | 0         | 16-QAM | 23.20  | 23.07  | 23.06   |
| 15                                      | 1       | 37        |        | 23.04  | 22.92  | 22.94   |
| 15                                      | 1       | 74        |        | 23.04  | 23.01  | 22.89   |
| 15                                      | 36      | 0         |        | 22.02  | 21.89  | 21.97   |
| 15                                      | 36      | 20        |        | 21.99  | 21.89  | 21.92   |
| 15                                      | 36      | 39        |        | 21.94  | 21.80  | 21.88   |
| 15                                      | 75      | 0         |        | 22.07  | 21.93  | 21.95   |
| 15                                      | 1       | 0         | 64-QAM | 21.90  | 21.80  | 21.80   |
| 15                                      | 1       | 37        |        | 21.79  | 21.66  | 21.68   |
| 15                                      | 1       | 74        |        | 21.75  | 21.75  | 21.61   |
| 15                                      | 36      | 0         |        | 21.07  | 20.95  | 20.99   |
| 15                                      | 36      | 20        |        | 21.03  | 20.92  | 20.95   |
| 15                                      | 36      | 39        |        | 20.99  | 20.87  | 20.89   |
| 15                                      | 75      | 0         |        | 21.06  | 20.90  | 20.95   |



| LTE Band 41 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 23.99  | 23.88  | 23.92   |
| 10                                      | 1       | 25        |        | 23.93  | 23.81  | 23.83   |
| 10                                      | 1       | 49        |        | 23.89  | 23.90  | 23.83   |
| 10                                      | 25      | 0         |        | 22.96  | 22.85  | 22.93   |
| 10                                      | 25      | 12        |        | 22.98  | 22.86  | 22.88   |
| 10                                      | 25      | 25        |        | 22.89  | 22.79  | 22.84   |
| 10                                      | 50      | 0         |        | 22.97  | 22.86  | 22.90   |
| 10                                      | 1       | 0         | 16-QAM | 23.15  | 23.03  | 23.05   |
| 10                                      | 1       | 25        |        | 23.05  | 22.92  | 22.92   |
| 10                                      | 1       | 49        |        | 22.98  | 23.02  | 22.91   |
| 10                                      | 25      | 0         |        | 22.07  | 21.95  | 22.01   |
| 10                                      | 25      | 12        |        | 22.07  | 21.94  | 21.95   |
| 10                                      | 25      | 25        |        | 22.00  | 21.91  | 21.92   |
| 10                                      | 50      | 0         |        | 22.05  | 21.93  | 21.98   |
| 10                                      | 1       | 0         | 64-QAM | 21.86  | 21.75  | 21.80   |
| 10                                      | 1       | 25        |        | 21.81  | 21.68  | 21.66   |
| 10                                      | 1       | 49        |        | 21.75  | 21.74  | 21.66   |
| 10                                      | 25      | 0         |        | 21.08  | 20.97  | 21.04   |
| 10                                      | 25      | 12        |        | 21.09  | 20.98  | 21.01   |
| 10                                      | 25      | 25        |        | 21.04  | 20.92  | 20.96   |
| 10                                      | 50      | 0         |        | 21.04  | 20.91  | 20.98   |
| 5                                       | 1       | 0         | QPSK   | 23.93  | 23.80  | 23.82   |
| 5                                       | 1       | 12        |        | 23.95  | 23.83  | 23.81   |
| 5                                       | 1       | 24        |        | 23.86  | 23.75  | 23.72   |
| 5                                       | 12      | 0         |        | 22.97  | 22.82  | 22.86   |
| 5                                       | 12      | 7         |        | 22.98  | 22.89  | 22.88   |
| 5                                       | 12      | 13        |        | 22.93  | 22.80  | 22.82   |
| 5                                       | 25      | 0         |        | 22.92  | 22.83  | 22.85   |
| 5                                       | 1       | 0         | 16-QAM | 23.05  | 22.91  | 22.91   |
| 5                                       | 1       | 12        |        | 23.06  | 22.94  | 22.93   |
| 5                                       | 1       | 24        |        | 23.01  | 22.87  | 22.87   |
| 5                                       | 12      | 0         |        | 22.00  | 21.88  | 21.89   |
| 5                                       | 12      | 7         |        | 22.01  | 21.87  | 21.89   |
| 5                                       | 12      | 13        |        | 21.96  | 21.85  | 21.85   |
| 5                                       | 25      | 0         |        | 22.02  | 21.93  | 21.93   |
| 5                                       | 1       | 0         | 64-QAM | 21.81  | 21.69  | 21.69   |
| 5                                       | 1       | 12        |        | 21.80  | 21.68  | 21.69   |
| 5                                       | 1       | 24        |        | 21.76  | 21.66  | 21.65   |
| 5                                       | 12      | 0         |        | 21.03  | 20.93  | 20.95   |
| 5                                       | 12      | 7         |        | 21.07  | 20.90  | 20.96   |
| 5                                       | 12      | 13        |        | 21.02  | 20.89  | 20.89   |
| 5                                       | 25      | 0         |        | 21.04  | 20.93  | 20.96   |



| LTE Band 41(HPUE) Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                      | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                            | 1       | 0         | QPSK   | 25.35  | 25.20  | 24.59   |
| 20                                            | 1       | 49        |        | 25.16  | 25.03  | 25.06   |
| 20                                            | 1       | 99        |        | 25.14  | 25.16  | 25.00   |
| 20                                            | 50      | 0         |        | 24.34  | 24.29  | 24.19   |
| 20                                            | 50      | 24        |        | 24.33  | 24.24  | 24.24   |
| 20                                            | 50      | 50        |        | 24.25  | 24.18  | 24.18   |
| 20                                            | 100     | 0         |        | 24.32  | 24.20  | 23.73   |
| 20                                            | 1       | 0         | 16-QAM | 24.65  | 24.52  | 24.16   |
| 20                                            | 1       | 49        |        | 24.48  | 24.35  | 24.43   |
| 20                                            | 1       | 99        |        | 24.48  | 24.49  | 24.34   |
| 20                                            | 50      | 0         |        | 23.45  | 23.39  | 23.28   |
| 20                                            | 50      | 24        |        | 23.39  | 23.33  | 23.33   |
| 20                                            | 50      | 50        |        | 23.37  | 23.25  | 23.27   |
| 20                                            | 100     | 0         |        | 23.39  | 23.31  | 23.19   |
| 20                                            | 1       | 0         | 64-QAM | 23.54  | 23.41  | 23.24   |
| 20                                            | 1       | 49        |        | 23.39  | 23.25  | 23.29   |
| 20                                            | 1       | 99        |        | 23.33  | 23.34  | 23.23   |
| 20                                            | 50      | 0         |        | 22.46  | 22.36  | 22.27   |
| 20                                            | 50      | 24        |        | 22.41  | 22.29  | 22.32   |
| 20                                            | 50      | 50        |        | 22.36  | 22.24  | 22.22   |
| 20                                            | 100     | 0         |        | 22.41  | 22.30  | 22.18   |
| 15                                            | 1       | 0         | QPSK   | 25.34  | 25.22  | 25.23   |
| 15                                            | 1       | 37        |        | 25.21  | 25.06  | 25.12   |
| 15                                            | 1       | 74        |        | 25.21  | 25.25  | 25.08   |
| 15                                            | 36      | 0         |        | 24.32  | 24.20  | 24.23   |
| 15                                            | 36      | 20        |        | 24.29  | 24.22  | 24.21   |
| 15                                            | 36      | 39        |        | 24.27  | 24.12  | 24.14   |
| 15                                            | 75      | 0         |        | 24.27  | 24.19  | 24.23   |
| 15                                            | 1       | 0         | 16-QAM | 24.62  | 24.49  | 24.51   |
| 15                                            | 1       | 37        |        | 24.45  | 24.33  | 24.38   |
| 15                                            | 1       | 74        |        | 24.45  | 24.48  | 24.38   |
| 15                                            | 36      | 0         |        | 23.37  | 23.29  | 23.28   |
| 15                                            | 36      | 20        |        | 23.33  | 23.25  | 23.24   |
| 15                                            | 36      | 39        |        | 23.29  | 23.19  | 23.19   |
| 15                                            | 75      | 0         |        | 23.38  | 23.27  | 23.26   |
| 15                                            | 1       | 0         | 64-QAM | 23.51  | 23.38  | 23.40   |
| 15                                            | 1       | 37        |        | 23.40  | 23.26  | 23.28   |
| 15                                            | 1       | 74        |        | 23.39  | 23.39  | 23.22   |
| 15                                            | 36      | 0         |        | 22.40  | 22.30  | 22.34   |
| 15                                            | 36      | 20        |        | 22.38  | 22.26  | 22.28   |
| 15                                            | 36      | 39        |        | 22.35  | 22.21  | 22.22   |
| 15                                            | 75      | 0         |        | 22.36  | 22.26  | 22.31   |



| LTE Band 41(HPUE) Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                      | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                            | 1       | 0         | QPSK   | 25.21  | 25.08  | 24.85   |
| 10                                            | 1       | 25        |        | 25.16  | 25.05  | 24.45   |
| 10                                            | 1       | 49        |        | 25.12  | 25.17  | 24.88   |
| 10                                            | 25      | 0         |        | 24.27  | 24.17  | 23.96   |
| 10                                            | 25      | 12        |        | 24.33  | 24.20  | 24.08   |
| 10                                            | 25      | 25        |        | 24.25  | 24.16  | 23.88   |
| 10                                            | 50      | 0         |        | 24.30  | 24.19  | 24.02   |
| 10                                            | 1       | 0         | 16-QAM | 24.57  | 24.42  | 24.43   |
| 10                                            | 1       | 25        |        | 24.50  | 24.38  | 24.35   |
| 10                                            | 1       | 49        |        | 24.45  | 24.46  | 24.35   |
| 10                                            | 25      | 0         |        | 23.44  | 23.34  | 23.33   |
| 10                                            | 25      | 12        |        | 23.44  | 23.31  | 23.31   |
| 10                                            | 25      | 25        |        | 23.35  | 23.28  | 23.25   |
| 10                                            | 50      | 0         |        | 23.39  | 23.31  | 23.30   |
| 10                                            | 1       | 0         | 64-QAM | 23.48  | 23.33  | 23.37   |
| 10                                            | 1       | 25        |        | 23.41  | 23.25  | 23.28   |
| 10                                            | 1       | 49        |        | 23.35  | 23.35  | 23.26   |
| 10                                            | 25      | 0         |        | 22.45  | 22.33  | 22.36   |
| 10                                            | 25      | 12        |        | 22.46  | 22.35  | 22.31   |
| 10                                            | 25      | 25        |        | 22.41  | 22.27  | 22.06   |
| 10                                            | 50      | 0         |        | 22.41  | 22.27  | 22.13   |
| 5                                             | 1       | 0         | QPSK   | 25.21  | 25.05  | 25.10   |
| 5                                             | 1       | 12        |        | 25.21  | 25.05  | 25.10   |
| 5                                             | 1       | 24        |        | 25.13  | 24.98  | 24.84   |
| 5                                             | 12      | 0         |        | 24.35  | 24.22  | 23.75   |
| 5                                             | 12      | 7         |        | 24.36  | 24.24  | 23.83   |
| 5                                             | 12      | 13        |        | 24.32  | 24.19  | 23.90   |
| 5                                             | 25      | 0         |        | 24.32  | 24.15  | 23.83   |
| 5                                             | 1       | 0         | 16-QAM | 24.54  | 24.36  | 24.36   |
| 5                                             | 1       | 12        |        | 24.53  | 24.40  | 24.36   |
| 5                                             | 1       | 24        |        | 24.49  | 24.33  | 24.34   |
| 5                                             | 12      | 0         |        | 23.41  | 23.30  | 23.28   |
| 5                                             | 12      | 7         |        | 23.43  | 23.34  | 23.29   |
| 5                                             | 12      | 13        |        | 23.42  | 23.25  | 23.27   |
| 5                                             | 25      | 0         |        | 23.43  | 23.28  | 23.27   |
| 5                                             | 1       | 0         | 64-QAM | 23.41  | 23.28  | 23.28   |
| 5                                             | 1       | 12        |        | 23.43  | 23.26  | 23.31   |
| 5                                             | 1       | 24        |        | 23.38  | 23.23  | 23.25   |
| 5                                             | 12      | 0         |        | 22.46  | 22.34  | 22.32   |
| 5                                             | 12      | 7         |        | 22.46  | 22.33  | 22.32   |
| 5                                             | 12      | 13        |        | 22.43  | 22.30  | 22.29   |
| 5                                             | 25      | 0         |        | 22.47  | 22.27  | 22.28   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 24.74  | 24.73  | 24.68   |
| 20                                      | 1       | 49        |        | 24.80  | 24.72  | 24.66   |
| 20                                      | 1       | 99        |        | 24.70  | 24.68  | 24.47   |
| 20                                      | 50      | 0         |        | 23.64  | 23.65  | 23.56   |
| 20                                      | 50      | 24        |        | 23.61  | 23.60  | 23.50   |
| 20                                      | 50      | 50        |        | 23.72  | 23.64  | 23.46   |
| 20                                      | 100     | 0         |        | 23.72  | 23.68  | 23.53   |
| 20                                      | 1       | 0         | 16-QAM | 24.10  | 24.02  | 23.97   |
| 20                                      | 1       | 49        |        | 24.07  | 24.00  | 23.95   |
| 20                                      | 1       | 99        |        | 24.02  | 23.98  | 23.80   |
| 20                                      | 50      | 0         |        | 22.72  | 22.72  | 22.63   |
| 20                                      | 50      | 24        |        | 22.68  | 22.66  | 22.58   |
| 20                                      | 50      | 50        |        | 22.77  | 22.73  | 22.55   |
| 20                                      | 100     | 0         |        | 22.78  | 22.75  | 22.58   |
| 20                                      | 1       | 0         | 64-QAM | 22.98  | 22.94  | 22.89   |
| 20                                      | 1       | 49        |        | 23.02  | 22.98  | 22.88   |
| 20                                      | 1       | 99        |        | 22.93  | 22.88  | 22.68   |
| 20                                      | 50      | 0         |        | 21.74  | 21.72  | 21.65   |
| 20                                      | 50      | 24        |        | 21.70  | 21.67  | 21.59   |
| 20                                      | 50      | 50        |        | 21.78  | 21.76  | 21.55   |
| 20                                      | 100     | 0         |        | 21.79  | 21.76  | 21.59   |
| 15                                      | 1       | 0         | QPSK   | 24.75  | 24.73  | 24.65   |
| 15                                      | 1       | 37        |        | 24.78  | 24.73  | 24.63   |
| 15                                      | 1       | 74        |        | 24.64  | 24.72  | 24.48   |
| 15                                      | 36      | 0         |        | 23.60  | 23.56  | 23.48   |
| 15                                      | 36      | 20        |        | 23.68  | 23.65  | 23.58   |
| 15                                      | 36      | 39        |        | 23.58  | 23.65  | 23.43   |
| 15                                      | 75      | 0         |        | 23.58  | 23.67  | 23.47   |
| 15                                      | 1       | 0         | 16-QAM | 24.08  | 24.03  | 23.96   |
| 15                                      | 1       | 37        |        | 24.13  | 24.08  | 23.92   |
| 15                                      | 1       | 74        |        | 23.95  | 24.05  | 23.81   |
| 15                                      | 36      | 0         |        | 22.67  | 22.63  | 22.54   |
| 15                                      | 36      | 20        |        | 22.73  | 22.72  | 22.61   |
| 15                                      | 36      | 39        |        | 22.63  | 22.69  | 22.48   |
| 15                                      | 75      | 0         |        | 22.69  | 22.73  | 22.53   |
| 15                                      | 1       | 0         | 64-QAM | 22.99  | 22.93  | 22.85   |
| 15                                      | 1       | 37        |        | 23.03  | 22.95  | 22.87   |
| 15                                      | 1       | 74        |        | 22.88  | 22.94  | 22.69   |
| 15                                      | 36      | 0         |        | 21.68  | 21.67  | 21.56   |
| 15                                      | 36      | 20        |        | 21.77  | 21.75  | 21.65   |
| 15                                      | 36      | 39        |        | 21.66  | 21.69  | 21.49   |
| 15                                      | 75      | 0         |        | 21.65  | 21.73  | 21.51   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.72  | 24.68  | 24.60   |
| 10                                      | 1       | 25        |        | 24.72  | 24.69  | 24.58   |
| 10                                      | 1       | 49        |        | 24.63  | 24.60  | 24.47   |
| 10                                      | 25      | 0         |        | 23.69  | 23.64  | 23.56   |
| 10                                      | 25      | 12        |        | 23.68  | 23.61  | 23.54   |
| 10                                      | 25      | 25        |        | 23.63  | 23.63  | 23.48   |
| 10                                      | 50      | 0         |        | 23.65  | 23.65  | 23.54   |
| 10                                      | 1       | 0         | 16-QAM | 24.09  | 24.01  | 23.91   |
| 10                                      | 1       | 25        |        | 24.07  | 24.02  | 23.89   |
| 10                                      | 1       | 49        |        | 23.98  | 23.94  | 23.78   |
| 10                                      | 25      | 0         |        | 22.74  | 22.72  | 22.61   |
| 10                                      | 25      | 12        |        | 22.73  | 22.69  | 22.59   |
| 10                                      | 25      | 25        |        | 22.69  | 22.66  | 22.56   |
| 10                                      | 50      | 0         |        | 22.73  | 22.70  | 22.57   |
| 10                                      | 1       | 0         | 64-QAM | 22.96  | 22.86  | 22.80   |
| 10                                      | 1       | 25        |        | 22.96  | 22.87  | 22.80   |
| 10                                      | 1       | 49        |        | 22.90  | 22.82  | 22.68   |
| 10                                      | 25      | 0         |        | 21.77  | 21.73  | 21.61   |
| 10                                      | 25      | 12        |        | 21.73  | 21.70  | 21.58   |
| 10                                      | 25      | 25        |        | 21.70  | 21.67  | 21.55   |
| 10                                      | 50      | 0         |        | 21.74  | 21.70  | 21.59   |
| 5                                       | 1       | 0         | QPSK   | 24.58  | 24.52  | 24.41   |
| 5                                       | 1       | 12        |        | 24.73  | 24.68  | 24.56   |
| 5                                       | 1       | 24        |        | 24.55  | 24.50  | 24.35   |
| 5                                       | 12      | 0         |        | 23.66  | 23.65  | 23.52   |
| 5                                       | 12      | 7         |        | 23.72  | 23.72  | 23.55   |
| 5                                       | 12      | 13        |        | 23.64  | 23.60  | 23.48   |
| 5                                       | 25      | 0         |        | 23.64  | 23.62  | 23.48   |
| 5                                       | 1       | 0         | 16-QAM | 23.94  | 23.85  | 23.72   |
| 5                                       | 1       | 12        |        | 24.11  | 23.98  | 23.90   |
| 5                                       | 1       | 24        |        | 23.85  | 23.79  | 23.65   |
| 5                                       | 12      | 0         |        | 22.72  | 22.69  | 22.55   |
| 5                                       | 12      | 7         |        | 22.80  | 22.74  | 22.62   |
| 5                                       | 12      | 13        |        | 22.71  | 22.66  | 22.52   |
| 5                                       | 25      | 0         |        | 22.71  | 22.69  | 22.54   |
| 5                                       | 1       | 0         | 64-QAM | 22.83  | 22.72  | 22.61   |
| 5                                       | 1       | 12        |        | 23.00  | 22.88  | 22.77   |
| 5                                       | 1       | 24        |        | 22.79  | 22.70  | 22.55   |
| 5                                       | 12      | 0         |        | 21.76  | 21.72  | 21.58   |
| 5                                       | 12      | 7         |        | 21.84  | 21.79  | 21.66   |
| 5                                       | 12      | 13        |        | 21.75  | 21.67  | 21.54   |
| 5                                       | 25      | 0         |        | 21.74  | 21.69  | 21.54   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                       | 1       | 0         | QPSK   | 24.62  | 24.57  | 24.43   |
| 3                                       | 1       | 8         |        | 24.72  | 24.68  | 24.54   |
| 3                                       | 1       | 14        |        | 24.60  | 24.54  | 24.37   |
| 3                                       | 8       | 0         |        | 23.71  | 23.67  | 23.53   |
| 3                                       | 8       | 4         |        | 23.75  | 23.70  | 23.58   |
| 3                                       | 8       | 7         |        | 23.69  | 23.66  | 23.52   |
| 3                                       | 15      | 0         |        | 23.65  | 23.64  | 23.52   |
| 3                                       | 1       | 0         | 16-QAM | 23.95  | 23.86  | 23.76   |
| 3                                       | 1       | 8         |        | 24.10  | 24.00  | 23.90   |
| 3                                       | 1       | 14        |        | 23.94  | 23.82  | 23.70   |
| 3                                       | 8       | 0         |        | 22.77  | 22.74  | 22.59   |
| 3                                       | 8       | 4         |        | 22.86  | 22.81  | 22.66   |
| 3                                       | 8       | 7         |        | 22.79  | 22.74  | 22.60   |
| 3                                       | 15      | 0         |        | 22.76  | 22.74  | 22.57   |
| 3                                       | 1       | 0         | 64-QAM | 22.86  | 22.77  | 22.63   |
| 3                                       | 1       | 8         |        | 22.97  | 22.90  | 22.76   |
| 3                                       | 1       | 14        |        | 22.85  | 22.73  | 22.61   |
| 3                                       | 8       | 0         |        | 21.80  | 21.72  | 21.58   |
| 3                                       | 8       | 4         |        | 21.85  | 21.80  | 21.65   |
| 3                                       | 8       | 7         |        | 21.79  | 21.74  | 21.60   |
| 3                                       | 15      | 0         |        | 21.77  | 21.74  | 21.57   |
| 1.4                                     | 1       | 0         | QPSK   | 24.65  | 24.59  | 24.46   |
| 1.4                                     | 1       | 3         |        | 24.75  | 24.69  | 24.57   |
| 1.4                                     | 1       | 5         |        | 24.64  | 24.57  | 24.46   |
| 1.4                                     | 3       | 0         |        | 24.68  | 24.66  | 24.51   |
| 1.4                                     | 3       | 1         |        | 24.75  | 24.69  | 24.55   |
| 1.4                                     | 3       | 3         |        | 24.71  | 24.65  | 24.52   |
| 1.4                                     | 6       | 0         |        | 23.67  | 23.64  | 23.50   |
| 1.4                                     | 1       | 0         | 16-QAM | 24.01  | 23.92  | 23.80   |
| 1.4                                     | 1       | 3         |        | 24.09  | 24.01  | 23.86   |
| 1.4                                     | 1       | 5         |        | 23.98  | 23.92  | 23.78   |
| 1.4                                     | 3       | 0         |        | 23.77  | 23.72  | 23.61   |
| 1.4                                     | 3       | 1         |        | 23.85  | 23.76  | 23.65   |
| 1.4                                     | 3       | 3         |        | 23.76  | 23.71  | 23.58   |
| 1.4                                     | 6       | 0         |        | 22.80  | 22.77  | 22.63   |
| 1.4                                     | 1       | 0         | 64-QAM | 22.91  | 22.82  | 22.68   |
| 1.4                                     | 1       | 3         |        | 23.01  | 22.89  | 22.79   |
| 1.4                                     | 1       | 5         |        | 22.91  | 22.79  | 22.68   |
| 1.4                                     | 3       | 0         |        | 22.88  | 22.81  | 22.67   |
| 1.4                                     | 3       | 1         |        | 22.95  | 22.87  | 22.72   |
| 1.4                                     | 3       | 3         |        | 22.89  | 22.82  | 22.71   |
| 1.4                                     | 6       | 0         |        | 21.76  | 21.71  | 21.59   |



| LTE Band 71 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 24.63  | 24.61  | 24.57   |
| 20                                      | 1       | 49        |        | 24.54  | 24.52  | 24.45   |
| 20                                      | 1       | 99        |        | 24.49  | 24.59  | 24.54   |
| 20                                      | 50      | 0         |        | 23.67  | 23.64  | 23.52   |
| 20                                      | 50      | 24        |        | 23.70  | 23.56  | 23.57   |
| 20                                      | 50      | 50        |        | 23.60  | 23.49  | 23.59   |
| 20                                      | 100     | 0         |        | 23.69  | 23.56  | 23.54   |
| 20                                      | 1       | 0         | 16-QAM | 23.95  | 23.98  | 23.96   |
| 20                                      | 1       | 49        |        | 23.90  | 23.90  | 23.85   |
| 20                                      | 1       | 99        |        | 23.83  | 23.90  | 23.95   |
| 20                                      | 50      | 0         |        | 22.77  | 22.71  | 22.60   |
| 20                                      | 50      | 24        |        | 22.78  | 22.65  | 22.65   |
| 20                                      | 50      | 50        |        | 22.74  | 22.61  | 22.71   |
| 20                                      | 100     | 0         |        | 22.78  | 22.64  | 22.62   |
| 20                                      | 1       | 0         | 64-QAM | 22.88  | 22.92  | 22.80   |
| 20                                      | 1       | 49        |        | 22.82  | 22.79  | 22.77   |
| 20                                      | 1       | 99        |        | 22.75  | 22.82  | 22.79   |
| 20                                      | 50      | 0         |        | 21.77  | 21.77  | 21.60   |
| 20                                      | 50      | 24        |        | 21.81  | 21.69  | 21.64   |
| 20                                      | 50      | 50        |        | 21.74  | 21.61  | 21.71   |
| 20                                      | 100     | 0         |        | 21.79  | 21.68  | 21.65   |
| 15                                      | 1       | 0         | QPSK   | 24.60  | 24.58  | 24.57   |
| 15                                      | 1       | 37        |        | 24.59  | 24.51  | 24.52   |
| 15                                      | 1       | 74        |        | 24.59  | 24.51  | 24.56   |
| 15                                      | 36      | 0         |        | 23.67  | 23.66  | 23.51   |
| 15                                      | 36      | 20        |        | 23.65  | 23.57  | 23.51   |
| 15                                      | 36      | 39        |        | 23.69  | 23.49  | 23.58   |
| 15                                      | 75      | 0         |        | 23.62  | 23.56  | 23.48   |
| 15                                      | 1       | 0         | 16-QAM | 23.97  | 23.91  | 23.92   |
| 15                                      | 1       | 37        |        | 23.95  | 23.88  | 23.90   |
| 15                                      | 1       | 74        |        | 23.92  | 23.85  | 23.93   |
| 15                                      | 36      | 0         |        | 22.78  | 22.72  | 22.64   |
| 15                                      | 36      | 20        |        | 22.72  | 22.66  | 22.56   |
| 15                                      | 36      | 39        |        | 22.75  | 22.60  | 22.65   |
| 15                                      | 75      | 0         |        | 22.69  | 22.65  | 22.57   |
| 15                                      | 1       | 0         | 64-QAM | 22.90  | 22.85  | 22.87   |
| 15                                      | 1       | 37        |        | 22.86  | 22.83  | 22.81   |
| 15                                      | 1       | 74        |        | 22.82  | 22.81  | 22.84   |
| 15                                      | 36      | 0         |        | 21.79  | 21.76  | 21.64   |
| 15                                      | 36      | 20        |        | 21.77  | 21.71  | 21.59   |
| 15                                      | 36      | 39        |        | 21.76  | 21.60  | 21.70   |
| 15                                      | 75      | 0         |        | 21.71  | 21.68  | 21.56   |



| LTE Band 71 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.61  | 24.57  | 24.48   |
| 10                                      | 1       | 25        |        | 24.62  | 24.57  | 24.50   |
| 10                                      | 1       | 49        |        | 24.58  | 24.46  | 24.50   |
| 10                                      | 25      | 0         |        | 23.73  | 23.67  | 23.51   |
| 10                                      | 25      | 12        |        | 23.69  | 23.62  | 23.59   |
| 10                                      | 25      | 25        |        | 23.63  | 23.59  | 23.54   |
| 10                                      | 50      | 0         |        | 23.70  | 23.63  | 23.59   |
| 10                                      | 1       | 0         | 16-QAM | 23.95  | 23.90  | 23.81   |
| 10                                      | 1       | 25        |        | 24.01  | 23.95  | 23.86   |
| 10                                      | 1       | 49        |        | 23.93  | 23.83  | 23.89   |
| 10                                      | 25      | 0         |        | 22.83  | 22.72  | 22.59   |
| 10                                      | 25      | 12        |        | 22.78  | 22.71  | 22.72   |
| 10                                      | 25      | 25        |        | 22.69  | 22.68  | 22.66   |
| 10                                      | 50      | 0         |        | 22.77  | 22.72  | 22.67   |
| 10                                      | 1       | 0         | 64-QAM | 22.91  | 22.82  | 22.74   |
| 10                                      | 1       | 25        |        | 22.94  | 22.85  | 22.77   |
| 10                                      | 1       | 49        |        | 22.84  | 22.75  | 22.81   |
| 10                                      | 25      | 0         |        | 21.83  | 21.74  | 21.61   |
| 10                                      | 25      | 12        |        | 21.80  | 21.75  | 21.73   |
| 10                                      | 25      | 25        |        | 21.73  | 21.67  | 21.66   |
| 10                                      | 50      | 0         |        | 21.79  | 21.70  | 21.68   |
| 5                                       | 1       | 0         | QPSK   | 24.58  | 24.59  | 24.48   |
| 5                                       | 1       | 12        |        | 24.58  | 24.53  | 24.57   |
| 5                                       | 1       | 24        |        | 24.62  | 24.56  | 24.55   |
| 5                                       | 12      | 0         |        | 23.65  | 23.59  | 23.55   |
| 5                                       | 12      | 7         |        | 23.66  | 23.66  | 23.59   |
| 5                                       | 12      | 13        |        | 23.70  | 23.63  | 23.61   |
| 5                                       | 25      | 0         |        | 23.71  | 23.66  | 23.57   |
| 5                                       | 1       | 0         | 16-QAM | 23.98  | 23.88  | 23.85   |
| 5                                       | 1       | 12        |        | 23.94  | 23.87  | 23.93   |
| 5                                       | 1       | 24        |        | 23.95  | 23.91  | 23.85   |
| 5                                       | 12      | 0         |        | 22.73  | 22.66  | 22.66   |
| 5                                       | 12      | 7         |        | 22.76  | 22.75  | 22.71   |
| 5                                       | 12      | 13        |        | 22.82  | 22.73  | 22.72   |
| 5                                       | 25      | 0         |        | 22.81  | 22.77  | 22.63   |
| 5                                       | 1       | 0         | 64-QAM | 22.90  | 22.82  | 22.77   |
| 5                                       | 1       | 12        |        | 22.87  | 22.81  | 22.85   |
| 5                                       | 1       | 24        |        | 22.92  | 22.83  | 22.80   |
| 5                                       | 12      | 0         |        | 21.80  | 21.72  | 21.74   |
| 5                                       | 12      | 7         |        | 21.80  | 21.82  | 21.72   |
| 5                                       | 12      | 13        |        | 21.88  | 21.79  | 21.80   |
| 5                                       | 25      | 0         |        | 21.84  | 21.75  | 21.65   |



| LTE Band 38(HPUE) Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                      | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                            | 1       | 0         | QPSK   | 25.16  | 25.14  | 25.27   |
| 20                                            | 1       | 49        |        | 25.14  | 25.18  | 25.28   |
| 20                                            | 1       | 99        |        | 25.19  | 25.28  | 25.41   |
| 20                                            | 50      | 0         |        | 24.30  | 24.28  | 24.39   |
| 20                                            | 50      | 24        |        | 24.27  | 24.29  | 24.44   |
| 20                                            | 50      | 50        |        | 24.27  | 24.29  | 24.40   |
| 20                                            | 100     | 0         |        | 24.18  | 24.29  | 24.42   |
| 20                                            | 1       | 0         | 16-QAM | 24.44  | 24.44  | 24.58   |
| 20                                            | 1       | 49        |        | 24.40  | 24.23  | 24.60   |
| 20                                            | 1       | 99        |        | 24.43  | 24.58  | 24.73   |
| 20                                            | 50      | 0         |        | 23.37  | 23.39  | 23.53   |
| 20                                            | 50      | 24        |        | 23.39  | 23.40  | 23.54   |
| 20                                            | 50      | 50        |        | 23.38  | 23.40  | 23.52   |
| 20                                            | 100     | 0         |        | 23.31  | 23.37  | 23.52   |
| 20                                            | 1       | 0         | 64-QAM | 23.36  | 23.37  | 23.48   |
| 20                                            | 1       | 49        |        | 23.33  | 23.34  | 23.48   |
| 20                                            | 1       | 99        |        | 23.37  | 23.50  | 23.60   |
| 20                                            | 50      | 0         |        | 22.39  | 22.36  | 22.50   |
| 20                                            | 50      | 24        |        | 22.37  | 22.38  | 22.50   |
| 20                                            | 50      | 50        |        | 22.33  | 22.39  | 22.52   |
| 20                                            | 100     | 0         |        | 22.31  | 22.38  | 22.53   |
| 15                                            | 1       | 0         | QPSK   | 25.15  | 25.10  | 25.17   |
| 15                                            | 1       | 37        |        | 25.09  | 25.15  | 25.23   |
| 15                                            | 1       | 74        |        | 25.18  | 25.20  | 25.37   |
| 15                                            | 36      | 0         |        | 24.26  | 24.25  | 24.39   |
| 15                                            | 36      | 20        |        | 24.21  | 24.26  | 24.39   |
| 15                                            | 36      | 39        |        | 24.25  | 24.26  | 24.36   |
| 15                                            | 75      | 0         |        | 24.11  | 24.21  | 24.34   |
| 15                                            | 1       | 0         | 16-QAM | 24.40  | 24.41  | 24.50   |
| 15                                            | 1       | 37        |        | 24.36  | 24.13  | 24.52   |
| 15                                            | 1       | 74        |        | 24.43  | 24.50  | 24.64   |
| 15                                            | 36      | 0         |        | 23.29  | 23.37  | 23.50   |
| 15                                            | 36      | 20        |        | 23.30  | 23.36  | 23.52   |
| 15                                            | 36      | 39        |        | 23.37  | 23.35  | 23.42   |
| 15                                            | 75      | 0         |        | 23.30  | 23.28  | 23.42   |
| 15                                            | 1       | 0         | 64-QAM | 23.36  | 23.34  | 23.40   |
| 15                                            | 1       | 37        |        | 23.30  | 23.28  | 23.39   |
| 15                                            | 1       | 74        |        | 23.31  | 23.45  | 23.54   |
| 15                                            | 36      | 0         |        | 22.33  | 22.27  | 22.47   |
| 15                                            | 36      | 20        |        | 22.35  | 22.30  | 22.41   |
| 15                                            | 36      | 39        |        | 22.29  | 22.36  | 22.47   |
| 15                                            | 75      | 0         |        | 22.30  | 22.38  | 22.44   |



| LTE Band 38 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 25.11  | 25.12  | 25.27   |
| 10                                      | 1       | 25        |        | 25.13  | 25.13  | 25.23   |
| 10                                      | 1       | 49        |        | 25.10  | 25.23  | 25.32   |
| 10                                      | 25      | 0         |        | 24.25  | 24.20  | 24.37   |
| 10                                      | 25      | 12        |        | 24.21  | 24.29  | 24.41   |
| 10                                      | 25      | 25        |        | 24.24  | 24.22  | 24.30   |
| 10                                      | 50      | 0         |        | 24.16  | 24.27  | 24.34   |
| 10                                      | 1       | 0         | 16-QAM | 24.42  | 24.35  | 24.52   |
| 10                                      | 1       | 25        |        | 24.35  | 24.20  | 24.59   |
| 10                                      | 1       | 49        |        | 24.41  | 24.55  | 24.70   |
| 10                                      | 25      | 0         |        | 23.27  | 23.35  | 23.49   |
| 10                                      | 25      | 12        |        | 23.34  | 23.38  | 23.51   |
| 10                                      | 25      | 25        |        | 23.34  | 23.37  | 23.43   |
| 10                                      | 50      | 0         |        | 23.31  | 23.34  | 23.42   |
| 10                                      | 1       | 0         | 64-QAM | 23.30  | 23.33  | 23.44   |
| 10                                      | 1       | 25        |        | 23.29  | 23.29  | 23.44   |
| 10                                      | 1       | 49        |        | 23.29  | 23.50  | 23.52   |
| 10                                      | 25      | 0         |        | 22.31  | 22.32  | 22.48   |
| 10                                      | 25      | 12        |        | 22.34  | 22.34  | 22.43   |
| 10                                      | 25      | 25        |        | 22.32  | 22.30  | 22.45   |
| 10                                      | 50      | 0         |        | 22.25  | 22.34  | 22.43   |
| 5                                       | 1       | 0         | QPSK   | 25.12  | 25.09  | 25.21   |
| 5                                       | 1       | 12        |        | 25.04  | 25.12  | 25.21   |
| 5                                       | 1       | 24        |        | 25.14  | 25.21  | 25.38   |
| 5                                       | 12      | 0         |        | 24.24  | 24.27  | 24.29   |
| 5                                       | 12      | 7         |        | 24.26  | 24.20  | 24.34   |
| 5                                       | 12      | 13        |        | 24.27  | 24.29  | 24.35   |
| 5                                       | 25      | 0         |        | 24.09  | 24.20  | 24.38   |
| 5                                       | 1       | 0         | 16-QAM | 24.37  | 24.36  | 24.57   |
| 5                                       | 1       | 12        |        | 24.30  | 24.17  | 24.51   |
| 5                                       | 1       | 24        |        | 24.38  | 24.57  | 24.68   |
| 5                                       | 12      | 0         |        | 23.33  | 23.32  | 23.48   |
| 5                                       | 12      | 7         |        | 23.30  | 23.33  | 23.51   |
| 5                                       | 12      | 13        |        | 23.28  | 23.33  | 23.48   |
| 5                                       | 25      | 0         |        | 23.21  | 23.33  | 23.44   |
| 5                                       | 1       | 0         | 64-QAM | 23.36  | 23.36  | 23.42   |
| 5                                       | 1       | 12        |        | 23.28  | 23.31  | 23.47   |
| 5                                       | 1       | 24        |        | 23.35  | 23.42  | 23.55   |
| 5                                       | 12      | 0         |        | 22.33  | 22.27  | 22.41   |
| 5                                       | 12      | 7         |        | 22.29  | 22.35  | 22.46   |
| 5                                       | 12      | 13        |        | 22.27  | 22.37  | 22.42   |
| 5                                       | 25      | 0         |        | 22.23  | 22.35  | 22.52   |



| LTE Band 5_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|-------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                  | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                           | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 10+10                                     | 50      | 0         | 50      | 0         | QPSK   | 22.90  | 22.78  | 22.84   |
| 10+10                                     | 1       | 0         | 1       | 49        |        | 13.68  | 13.90  | 13.95   |
| 10+10                                     | 1       | 49        | 1       | 0         |        | 24.48  | 24.75  | 24.78   |
| 10+10                                     | 50      | 0         | 50      | 0         | 16-QAM | 21.92  | 21.89  | 21.93   |
| 10+10                                     | 1       | 0         | 1       | 49        |        | 14.42  | 14.00  | 14.51   |
| 10+10                                     | 1       | 49        | 1       | 0         |        | 23.84  | 23.85  | 24.24   |
| 10+10                                     | 50      | 0         | 50      | 0         | 64-QAM | 21.89  | 21.85  | 21.92   |
| 10+10                                     | 1       | 0         | 1       | 49        |        | 14.35  | 13.93  | 14.39   |
| 10+10                                     | 1       | 49        | 1       | 0         |        | 21.80  | 21.81  | 22.05   |
| 10+5                                      | 50      | 0         | 25      | 0         | QPSK   | 22.87  | 22.91  | 22.81   |
| 10+5                                      | 1       | 0         | 1       | 24        |        | 14.39  | 14.38  | 14.40   |
| 10+5                                      | 1       | 49        | 1       | 0         |        | 24.77  | 24.74  | 24.78   |
| 10+5                                      | 50      | 0         | 25      | 0         | 16-QAM | 21.90  | 21.88  | 21.93   |
| 10+5                                      | 1       | 0         | 1       | 24        |        | 14.48  | 14.46  | 14.47   |
| 10+5                                      | 1       | 49        | 1       | 0         |        | 23.84  | 23.83  | 23.83   |
| 10+5                                      | 50      | 0         | 25      | 0         | 64-QAM | 21.95  | 21.91  | 21.82   |
| 10+5                                      | 1       | 0         | 1       | 24        |        | 14.42  | 14.44  | 14.41   |
| 10+5                                      | 1       | 49        | 1       | 0         |        | 21.81  | 24.72  | 21.79   |
| 5+10                                      | 25      | 0         | 50      | 0         | QPSK   | 22.76  | 22.84  | 22.84   |
| 5+10                                      | 1       | 0         | 1       | 49        |        | 13.68  | 13.90  | 13.95   |
| 5+10                                      | 1       | 24        | 1       | 0         |        | 24.48  | 24.75  | 24.74   |
| 5+10                                      | 25      | 0         | 50      | 0         | 16-QAM | 21.92  | 21.89  | 21.93   |
| 5+10                                      | 1       | 0         | 1       | 49        |        | 14.42  | 14.00  | 14.51   |
| 5+10                                      | 1       | 24        | 1       | 0         |        | 23.84  | 23.85  | 24.24   |
| 5+10                                      | 25      | 0         | 50      | 0         | 64-QAM | 21.89  | 21.85  | 21.92   |
| 5+10                                      | 1       | 0         | 1       | 49        |        | 14.35  | 13.93  | 14.39   |
| 5+10                                      | 1       | 24        | 1       | 0         |        | 21.80  | 21.81  | 21.88   |



| LTE Band 66B_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 10+10                                       | 50      | 0         | 50      | 0         | QPSK   | 22.60  | 22.56  | 22.47   |
| 10+10                                       | 1       | 0         | 1       | 49        |        | 13.66  | 13.53  | 13.49   |
| 10+10                                       | 1       | 49        | 1       | 0         |        | 24.58  | 24.55  | 24.54   |
| 10+10                                       | 50      | 0         | 50      | 0         | 16-QAM | 21.71  | 21.62  | 21.54   |
| 10+10                                       | 1       | 0         | 1       | 49        |        | 13.76  | 13.65  | 13.65   |
| 10+10                                       | 1       | 49        | 1       | 0         |        | 23.72  | 23.68  | 23.62   |
| 10+10                                       | 50      | 0         | 50      | 0         | 64-QAM | 21.69  | 21.63  | 21.58   |
| 10+10                                       | 1       | 0         | 1       | 49        |        | 13.69  | 13.59  | 13.55   |
| 10+10                                       | 1       | 49        | 1       | 0         |        | 21.73  | 21.68  | 21.56   |
| 15+5                                        | 75      | 0         | 25      | 0         | QPSK   | 22.81  | 22.69  | 22.61   |
| 15+5                                        | 1       | 0         | 1       | 24        |        | 14.04  | 13.90  | 14.37   |
| 15+5                                        | 1       | 74        | 1       | 0         |        | 24.55  | 24.52  | 24.42   |
| 15+5                                        | 75      | 0         | 25      | 0         | 16-QAM | 21.83  | 21.74  | 21.67   |
| 15+5                                        | 1       | 0         | 1       | 24        |        | 14.20  | 14.04  | 14.52   |
| 15+5                                        | 1       | 74        | 1       | 0         |        | 23.67  | 23.59  | 23.55   |
| 15+5                                        | 75      | 0         | 25      | 0         | 64-QAM | 21.83  | 21.74  | 21.66   |
| 15+5                                        | 1       | 0         | 1       | 24        |        | 14.08  | 13.93  | 14.30   |
| 15+5                                        | 1       | 74        | 1       | 0         |        | 21.59  | 21.57  | 21.51   |
| 5+15                                        | 25      | 0         | 75      | 0         | QPSK   | 22.85  | 22.67  | 22.60   |
| 5+15                                        | 1       | 0         | 1       | 74        |        | 14.07  | 13.85  | 14.36   |
| 5+15                                        | 1       | 24        | 1       | 0         |        | 24.62  | 24.55  | 24.42   |
| 5+15                                        | 25      | 0         | 75      | 0         | 16-QAM | 21.78  | 21.75  | 21.65   |
| 5+15                                        | 1       | 0         | 1       | 74        |        | 14.22  | 14.01  | 14.55   |
| 5+15                                        | 1       | 24        | 1       | 0         |        | 23.62  | 23.59  | 23.58   |
| 5+15                                        | 25      | 0         | 75      | 0         | 64-QAM | 21.80  | 21.76  | 21.62   |
| 5+15                                        | 1       | 0         | 1       | 74        |        | 14.11  | 13.93  | 14.35   |
| 5+15                                        | 1       | 24        | 1       | 0         |        | 21.59  | 21.59  | 21.55   |



| LTE Band 66B_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 10+5                                        | 50      | 0         | 25      | 0         | QPSK   | 22.59  | 22.66  | 22.63   |
| 10+5                                        | 1       | 0         | 1       | 24        |        | 13.99  | 13.90  | 14.38   |
| 10+5                                        | 1       | 49        | 1       | 0         |        | 24.54  | 24.56  | 24.43   |
| 10+5                                        | 50      | 0         | 25      | 0         | 16-QAM | 21.85  | 21.75  | 21.71   |
| 10+5                                        | 1       | 0         | 1       | 24        |        | 14.21  | 14.06  | 14.47   |
| 10+5                                        | 1       | 49        | 1       | 0         |        | 23.66  | 23.57  | 23.50   |
| 10+5                                        | 50      | 0         | 25      | 0         | 64-QAM | 21.83  | 21.71  | 21.70   |
| 10+5                                        | 1       | 0         | 1       | 24        |        | 14.05  | 13.88  | 14.29   |
| 10+5                                        | 1       | 49        | 1       | 0         |        | 21.62  | 21.60  | 21.56   |
| 5+10                                        | 25      | 0         | 50      | 0         | QPSK   | 22.55  | 22.71  | 22.59   |
| 5+10                                        | 1       | 0         | 1       | 49        |        | 14.07  | 13.94  | 14.36   |
| 5+10                                        | 1       | 24        | 1       | 0         |        | 24.54  | 24.55  | 24.46   |
| 5+10                                        | 25      | 0         | 50      | 0         | 16-QAM | 21.86  | 21.78  | 21.62   |
| 5+10                                        | 1       | 0         | 1       | 49        |        | 14.16  | 14.03  | 14.56   |
| 5+10                                        | 1       | 24        | 1       | 0         |        | 23.63  | 23.61  | 23.59   |
| 5+10                                        | 25      | 0         | 50      | 0         | 64-QAM | 21.81  | 21.75  | 21.65   |
| 5+10                                        | 1       | 0         | 1       | 49        |        | 14.04  | 13.93  | 14.28   |
| 5+10                                        | 1       | 24        | 1       | 0         |        | 21.60  | 21.57  | 21.50   |
| 5+5                                         | 25      | 0         | 25      | 0         | QPSK   | 23.99  | 23.61  | 23.58   |
| 5+5                                         | 1       | 0         | 1       | 24        |        | 21.46  | 21.35  | 21.17   |
| 5+5                                         | 1       | 24        | 1       | 0         |        | 24.55  | 24.56  | 24.42   |
| 5+5                                         | 25      | 0         | 25      | 0         | 16-QAM | 23.08  | 22.71  | 22.86   |
| 5+5                                         | 1       | 0         | 1       | 24        |        | 20.58  | 20.47  | 20.58   |
| 5+5                                         | 1       | 24        | 1       | 0         |        | 24.60  | 24.43  | 24.46   |
| 5+5                                         | 25      | 0         | 25      | 0         | 64-QAM | 23.15  | 22.68  | 22.81   |
| 5+5                                         | 1       | 0         | 1       | 24        |        | 19.50  | 19.38  | 19.51   |
| 5+5                                         | 1       | 24        | 1       | 0         |        | 22.68  | 22.47  | 23.51   |



| LTE Band 66C_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+20                                       | 100     | 0         | 100     | 0         | QPSK   | 22.59  | 22.52  | 22.48   |
| 20+20                                       | 1       | 0         | 1       | 99        |        | 15.51  | 15.43  | 15.34   |
| 20+20                                       | 1       | 99        | 1       | 0         |        | 24.42  | 24.44  | 24.41   |
| 20+20                                       | 100     | 0         | 100     | 0         | 16-QAM | 21.65  | 21.55  | 21.54   |
| 20+20                                       | 1       | 0         | 1       | 99        |        | 15.66  | 15.54  | 15.51   |
| 20+20                                       | 1       | 99        | 1       | 0         |        | 23.57  | 23.55  | 23.52   |
| 20+20                                       | 100     | 0         | 100     | 0         | 64-QAM | 21.68  | 21.39  | 21.35   |
| 20+20                                       | 1       | 0         | 1       | 99        |        | 15.81  | 15.77  | 15.68   |
| 20+20                                       | 1       | 99        | 1       | 0         |        | 21.56  | 21.54  | 21.46   |
| 20+15                                       | 100     | 0         | 75      | 0         | QPSK   | 22.59  | 22.49  | 22.45   |
| 20+15                                       | 1       | 0         | 1       | 74        |        | 15.42  | 15.33  | 15.36   |
| 20+15                                       | 1       | 74        | 1       | 0         |        | 24.53  | 24.39  | 24.38   |
| 20+15                                       | 100     | 0         | 75      | 0         | 16-QAM | 21.63  | 21.54  | 21.48   |
| 20+15                                       | 1       | 0         | 1       | 74        |        | 15.53  | 15.56  | 15.47   |
| 20+15                                       | 1       | 74        | 1       | 0         |        | 23.59  | 23.54  | 23.45   |
| 20+15                                       | 100     | 0         | 75      | 0         | 64-QAM | 21.63  | 21.45  | 21.50   |
| 20+15                                       | 1       | 0         | 1       | 74        |        | 15.92  | 15.37  | 15.37   |
| 20+15                                       | 1       | 74        | 1       | 0         |        | 21.56  | 21.47  | 21.39   |
| 15+20                                       | 75      | 0         | 100     | 0         | QPSK   | 22.62  | 22.46  | 22.48   |
| 15+20                                       | 1       | 0         | 1       | 99        |        | 15.46  | 15.36  | 15.31   |
| 15+20                                       | 1       | 74        | 1       | 0         |        | 24.48  | 24.38  | 24.37   |
| 15+20                                       | 75      | 0         | 100     | 0         | 16-QAM | 21.59  | 21.56  | 21.51   |
| 15+20                                       | 1       | 0         | 1       | 99        |        | 15.48  | 15.53  | 15.43   |
| 15+20                                       | 1       | 74        | 1       | 0         |        | 23.58  | 23.53  | 23.44   |
| 15+20                                       | 75      | 0         | 100     | 0         | 64-QAM | 21.58  | 21.45  | 21.45   |
| 15+20                                       | 1       | 0         | 1       | 99        |        | 15.89  | 15.36  | 15.41   |
| 15+20                                       | 1       | 74        | 1       | 0         |        | 21.60  | 21.48  | 21.36   |



| LTE Band 66C_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+10                                       | 100     | 0         | 50      | 0         | QPSK   | 22.66  | 22.45  | 22.49   |
| 20+10                                       | 1       | 0         | 1       | 49        |        | 15.47  | 15.30  | 15.32   |
| 20+10                                       | 1       | 99        | 1       | 0         |        | 24.51  | 24.38  | 24.34   |
| 20+10                                       | 100     | 0         | 50      | 0         | 16-QAM | 21.66  | 21.49  | 21.53   |
| 20+10                                       | 1       | 0         | 1       | 49        |        | 15.51  | 15.60  | 15.44   |
| 20+10                                       | 1       | 99        | 1       | 0         |        | 23.56  | 23.51  | 23.43   |
| 20+10                                       | 100     | 0         | 50      | 0         | 64-QAM | 21.66  | 21.41  | 21.53   |
| 20+10                                       | 1       | 0         | 1       | 49        |        | 15.88  | 15.34  | 15.38   |
| 20+10                                       | 1       | 99        | 1       | 0         |        | 21.52  | 21.44  | 21.43   |
| 10+20                                       | 50      | 0         | 100     | 0         | QPSK   | 22.62  | 22.52  | 22.44   |
| 10+20                                       | 1       | 0         | 1       | 99        |        | 15.40  | 15.36  | 15.41   |
| 10+20                                       | 1       | 49        | 1       | 0         |        | 24.49  | 24.41  | 24.33   |
| 10+20                                       | 50      | 0         | 100     | 0         | 16-QAM | 21.59  | 21.53  | 21.48   |
| 10+20                                       | 1       | 0         | 1       | 99        |        | 15.56  | 15.57  | 15.50   |
| 10+20                                       | 1       | 49        | 1       | 0         |        | 23.59  | 23.56  | 23.42   |
| 10+20                                       | 50      | 0         | 100     | 0         | 64-QAM | 21.65  | 21.43  | 21.50   |
| 10+20                                       | 1       | 0         | 1       | 99        |        | 15.88  | 15.42  | 15.35   |
| 10+20                                       | 1       | 49        | 1       | 0         |        | 21.61  | 21.47  | 21.35   |
| 20+5                                        | 100     | 0         | 25      | 0         | QPSK   | 22.65  | 22.52  | 22.40   |
| 20+5                                        | 1       | 0         | 1       | 24        |        | 15.47  | 15.35  | 15.36   |
| 20+5                                        | 1       | 99        | 1       | 0         |        | 24.46  | 24.34  | 24.40   |
| 20+5                                        | 100     | 0         | 25      | 0         | 16-QAM | 21.67  | 21.49  | 21.51   |
| 20+5                                        | 1       | 0         | 1       | 24        |        | 15.53  | 15.55  | 15.46   |
| 20+5                                        | 1       | 99        | 1       | 0         |        | 23.54  | 23.52  | 23.50   |
| 20+5                                        | 100     | 0         | 25      | 0         | 64-QAM | 21.67  | 21.44  | 21.52   |
| 20+5                                        | 1       | 0         | 1       | 24        |        | 15.95  | 15.41  | 15.37   |
| 20+5                                        | 1       | 99        | 1       | 0         |        | 21.58  | 21.52  | 21.43   |
| 5+20                                        | 25      | 0         | 100     | 0         | QPSK   | 22.63  | 22.44  | 22.48   |
| 5+20                                        | 1       | 0         | 1       | 99        |        | 15.40  | 15.33  | 15.33   |
| 5+20                                        | 1       | 24        | 1       | 0         |        | 24.45  | 24.41  | 24.34   |
| 5+20                                        | 25      | 0         | 100     | 0         | 16-QAM | 21.64  | 21.49  | 21.47   |
| 5+20                                        | 1       | 0         | 1       | 99        |        | 15.57  | 15.53  | 15.51   |
| 5+20                                        | 1       | 24        | 1       | 0         |        | 23.57  | 23.52  | 23.41   |
| 5+20                                        | 25      | 0         | 100     | 0         | 64-QAM | 21.62  | 21.49  | 21.47   |
| 5+20                                        | 1       | 0         | 1       | 99        |        | 15.93  | 15.39  | 15.37   |
| 5+20                                        | 1       | 24        | 1       | 0         |        | 21.59  | 21.48  | 21.39   |



| LTE Band 66C_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 15+10                                       | 75      | 0         | 50      | 0         | QPSK   | 22.59  | 22.46  | 22.47   |
| 15+10                                       | 1       | 0         | 1       | 49        |        | 15.38  | 15.31  | 15.35   |
| 15+10                                       | 1       | 74        | 1       | 0         |        | 24.52  | 24.34  | 24.39   |
| 15+10                                       | 75      | 0         | 50      | 0         | 16-QAM | 21.66  | 21.50  | 21.53   |
| 15+10                                       | 1       | 0         | 1       | 49        |        | 15.48  | 15.55  | 15.49   |
| 15+10                                       | 1       | 74        | 1       | 0         |        | 23.56  | 23.51  | 23.41   |
| 15+10                                       | 75      | 0         | 50      | 0         | 64-QAM | 21.64  | 21.42  | 21.55   |
| 15+10                                       | 1       | 0         | 1       | 49        |        | 15.89  | 15.39  | 15.34   |
| 15+10                                       | 1       | 74        | 1       | 0         |        | 21.58  | 21.43  | 21.42   |
| 10+15                                       | 50      | 0         | 75      | 0         | QPSK   | 22.62  | 22.49  | 22.43   |
| 10+15                                       | 1       | 0         | 1       | 74        |        | 15.37  | 15.34  | 15.41   |
| 10+15                                       | 1       | 49        | 1       | 0         |        | 24.47  | 24.34  | 24.33   |
| 10+15                                       | 50      | 0         | 75      | 0         | 16-QAM | 21.62  | 21.51  | 21.51   |
| 10+15                                       | 1       | 0         | 1       | 74        |        | 15.51  | 15.60  | 15.47   |
| 10+15                                       | 1       | 49        | 1       | 0         |        | 23.62  | 23.52  | 23.43   |
| 10+15                                       | 50      | 0         | 75      | 0         | 64-QAM | 21.61  | 21.41  | 21.46   |
| 10+15                                       | 1       | 0         | 1       | 74        |        | 15.89  | 15.33  | 15.34   |
| 10+15                                       | 1       | 49        | 1       | 0         |        | 21.61  | 21.48  | 21.37   |
| 15+15                                       | 75      | 0         | 75      | 0         | QPSK   | 22.59  | 22.47  | 22.50   |
| 15+15                                       | 1       | 0         | 1       | 74        |        | 15.37  | 15.30  | 15.35   |
| 15+15                                       | 1       | 74        | 1       | 0         |        | 24.48  | 24.43  | 24.34   |
| 15+15                                       | 75      | 0         | 75      | 0         | 16-QAM | 21.61  | 21.56  | 21.53   |
| 15+15                                       | 1       | 0         | 1       | 74        |        | 15.57  | 15.54  | 15.52   |
| 15+15                                       | 1       | 74        | 1       | 0         |        | 23.58  | 23.49  | 23.47   |
| 15+15                                       | 75      | 0         | 75      | 0         | 64-QAM | 21.64  | 21.48  | 21.53   |
| 15+15                                       | 1       | 0         | 1       | 74        |        | 15.95  | 15.42  | 15.33   |
| 15+15                                       | 1       | 74        | 1       | 0         |        | 21.61  | 21.43  | 21.37   |



| LTE Band 41_CA Maximum Average Power [dBm] |         |           |         |           |        |              |        |         |
|--------------------------------------------|---------|-----------|---------|-----------|--------|--------------|--------|---------|
| BW [MHz]                                   | PCC     |           | SCC     |           | Mod    | Lowest       | Middle | Highest |
|                                            | RB Size | RB Offset | RB Size | RB Offset |        |              |        |         |
| 20+20                                      | 100     | 0         | 100     | 0         | QPSK   | 21.70        | 21.65  | 21.40   |
| 20+20                                      | 1       | 0         | 1       | 99        |        | 9.04         | 9.13   | 8.73    |
| 20+20                                      | 1       | 99        | 1       | 0         |        | <b>23.88</b> | 23.80  | 23.69   |
| 20+20                                      | 100     | 0         | 100     | 0         | 16-QAM | 20.74        | 20.71  | 20.46   |
| 20+20                                      | 1       | 0         | 1       | 99        |        | 9.15         | 9.27   | 8.88    |
| 20+20                                      | 1       | 99        | 1       | 0         |        | 22.85        | 22.79  | 22.71   |
| 20+20                                      | 100     | 0         | 100     | 0         | 64-QAM | 20.75        | 20.73  | 20.42   |
| 20+20                                      | 1       | 0         | 1       | 99        |        | 8.95         | 9.03   | 8.64    |
| 20+20                                      | 1       | 99        | 1       | 0         |        | 20.62        | 20.51  | 20.45   |
| 20+15                                      | 100     | 0         | 75      | 0         | QPSK   | 21.53        | 21.49  | 21.33   |
| 20+15                                      | 1       | 0         | 1       | 74        |        | 8.92         | 9.08   | 8.78    |
| 20+15                                      | 1       | 99        | 1       | 0         |        | 23.70        | 23.61  | 23.53   |
| 20+15                                      | 100     | 0         | 75      | 0         | 16-QAM | 20.57        | 20.57  | 20.38   |
| 20+15                                      | 1       | 0         | 1       | 74        |        | 9.02         | 9.21   | 8.92    |
| 20+15                                      | 1       | 99        | 1       | 0         |        | 22.70        | 22.63  | 22.55   |
| 20+15                                      | 100     | 0         | 75      | 0         | 64-QAM | 20.59        | 20.56  | 20.36   |
| 20+15                                      | 1       | 0         | 1       | 74        |        | 8.80         | 8.98   | 8.64    |
| 20+15                                      | 1       | 99        | 1       | 0         |        | 20.44        | 20.31  | 20.27   |
| 15+20                                      | 75      | 0         | 100     | 0         | QPSK   | 21.57        | 21.57  | 21.24   |
| 15+20                                      | 1       | 0         | 1       | 99        |        | 8.90         | 9.04   | 8.87    |
| 15+20                                      | 1       | 74        | 1       | 0         |        | 23.66        | 23.55  | 23.45   |
| 15+20                                      | 75      | 0         | 100     | 0         | 16-QAM | 20.67        | 20.65  | 20.33   |
| 15+20                                      | 1       | 0         | 1       | 99        |        | 8.98         | 9.30   | 8.92    |
| 15+20                                      | 1       | 74        | 1       | 0         |        | 22.80        | 22.55  | 22.60   |
| 15+20                                      | 75      | 0         | 100     | 0         | 64-QAM | 20.54        | 20.51  | 20.43   |
| 15+20                                      | 1       | 0         | 1       | 99        |        | 8.83         | 9.04   | 8.59    |
| 15+20                                      | 1       | 74        | 1       | 0         |        | 20.35        | 20.37  | 20.20   |



| LTE Band 41_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|--------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                   | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                            | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+10                                      | 100     | 0         | 50      | 0         | QPSK   | 21.53  | 21.43  | 21.37   |
| 20+10                                      | 1       | 0         | 1       | 49        |        | 8.93   | 9.18   | 8.83    |
| 20+10                                      | 1       | 99        | 1       | 0         |        | 23.70  | 23.61  | 23.51   |
| 20+10                                      | 100     | 0         | 50      | 0         | 16-QAM | 20.62  | 20.66  | 20.44   |
| 20+10                                      | 1       | 0         | 1       | 49        |        | 9.02   | 9.26   | 8.89    |
| 20+10                                      | 1       | 99        | 1       | 0         |        | 22.80  | 22.68  | 22.47   |
| 20+10                                      | 100     | 0         | 50      | 0         | 64-QAM | 20.50  | 20.61  | 20.26   |
| 20+10                                      | 1       | 0         | 1       | 49        |        | 8.80   | 9.00   | 8.72    |
| 20+10                                      | 1       | 99        | 1       | 0         |        | 20.54  | 20.28  | 20.23   |
| 10+20                                      | 50      | 0         | 100     | 0         | QPSK   | 21.52  | 21.49  | 21.32   |
| 10+20                                      | 1       | 0         | 1       | 99        |        | 8.85   | 9.15   | 8.69    |
| 10+20                                      | 1       | 49        | 1       | 0         |        | 23.61  | 23.67  | 23.59   |
| 10+20                                      | 50      | 0         | 100     | 0         | 16-QAM | 20.54  | 20.58  | 20.40   |
| 10+20                                      | 1       | 0         | 1       | 99        |        | 9.03   | 9.25   | 9.00    |
| 10+20                                      | 1       | 49        | 1       | 0         |        | 22.68  | 22.67  | 22.49   |
| 10+20                                      | 50      | 0         | 100     | 0         | 64-QAM | 20.51  | 20.57  | 20.33   |
| 10+20                                      | 1       | 0         | 1       | 99        |        | 8.81   | 8.98   | 8.72    |
| 10+20                                      | 1       | 49        | 1       | 0         |        | 20.53  | 20.29  | 20.20   |
| 20+5                                       | 100     | 0         | 25      | 0         | QPSK   | 21.58  | 21.48  | 21.36   |
| 20+5                                       | 1       | 0         | 1       | 24        |        | 9.00   | 9.04   | 8.77    |
| 20+5                                       | 1       | 99        | 1       | 0         |        | 23.63  | 23.58  | 23.53   |
| 20+5                                       | 100     | 0         | 25      | 0         | 16-QAM | 20.62  | 20.56  | 20.28   |
| 20+5                                       | 1       | 0         | 1       | 24        |        | 9.06   | 9.12   | 8.89    |
| 20+5                                       | 1       | 99        | 1       | 0         |        | 22.66  | 22.53  | 22.47   |
| 20+5                                       | 100     | 0         | 25      | 0         | 64-QAM | 20.62  | 20.52  | 20.45   |
| 20+5                                       | 1       | 0         | 1       | 24        |        | 8.85   | 9.00   | 8.69    |
| 20+5                                       | 1       | 99        | 1       | 0         |        | 20.42  | 20.33  | 20.28   |
| 5+20                                       | 25      | 0         | 100     | 0         | QPSK   | 21.44  | 21.52  | 21.28   |
| 5+20                                       | 1       | 0         | 1       | 99        |        | 8.83   | 8.99   | 8.74    |
| 5+20                                       | 1       | 24        | 1       | 0         |        | 23.63  | 23.58  | 23.59   |
| 5+20                                       | 25      | 0         | 100     | 0         | 16-QAM | 20.60  | 20.65  | 20.36   |
| 5+20                                       | 1       | 0         | 1       | 99        |        | 9.04   | 9.17   | 8.89    |
| 5+20                                       | 1       | 24        | 1       | 0         |        | 22.79  | 22.57  | 22.45   |
| 5+20                                       | 25      | 0         | 100     | 0         | 64-QAM | 20.56  | 20.55  | 20.40   |
| 5+20                                       | 1       | 0         | 1       | 99        |        | 8.86   | 8.92   | 8.68    |
| 5+20                                       | 1       | 24        | 1       | 0         |        | 20.50  | 20.26  | 20.18   |



| LTE Band 41_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|--------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                   | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                            | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 15+10                                      | 75      | 0         | 50      | 0         | QPSK   | 21.44  | 21.53  | 21.37   |
| 15+10                                      | 1       | 0         | 1       | 49        |        | 8.84   | 9.03   | 8.83    |
| 15+10                                      | 1       | 74        | 1       | 0         |        | 23.63  | 23.69  | 23.61   |
| 15+10                                      | 75      | 0         | 50      | 0         | 16-QAM | 20.47  | 20.65  | 20.47   |
| 15+10                                      | 1       | 0         | 1       | 49        |        | 8.94   | 9.28   | 8.83    |
| 15+10                                      | 1       | 74        | 1       | 0         |        | 22.73  | 22.56  | 22.53   |
| 15+10                                      | 75      | 0         | 50      | 0         | 64-QAM | 20.54  | 20.50  | 20.31   |
| 15+10                                      | 1       | 0         | 1       | 49        |        | 8.73   | 8.99   | 8.56    |
| 15+10                                      | 1       | 74        | 1       | 0         |        | 20.51  | 20.38  | 20.37   |
| 10+15                                      | 50      | 0         | 75      | 0         | QPSK   | 21.63  | 21.52  | 21.30   |
| 10+15                                      | 1       | 0         | 1       | 74        |        | 8.84   | 9.12   | 8.85    |
| 10+15                                      | 1       | 49        | 1       | 0         |        | 23.64  | 23.59  | 23.50   |
| 10+15                                      | 50      | 0         | 75      | 0         | 16-QAM | 20.66  | 20.49  | 20.41   |
| 10+15                                      | 1       | 0         | 1       | 74        |        | 9.10   | 9.12   | 8.94    |
| 10+15                                      | 1       | 49        | 1       | 0         |        | 22.72  | 22.60  | 22.56   |
| 10+15                                      | 50      | 0         | 75      | 0         | 64-QAM | 20.53  | 20.51  | 20.42   |
| 10+15                                      | 1       | 0         | 1       | 74        |        | 8.75   | 8.89   | 8.74    |
| 10+15                                      | 1       | 49        | 1       | 0         |        | 20.36  | 20.21  | 20.37   |
| 15+15                                      | 75      | 0         | 75      | 0         | QPSK   | 21.60  | 21.58  | 21.30   |
| 15+15                                      | 1       | 0         | 1       | 74        |        | 8.86   | 9.14   | 8.76    |
| 15+15                                      | 1       | 74        | 1       | 0         |        | 23.69  | 23.56  | 23.60   |
| 15+15                                      | 75      | 0         | 75      | 0         | 16-QAM | 20.47  | 20.50  | 20.38   |
| 15+15                                      | 1       | 0         | 1       | 74        |        | 9.11   | 9.18   | 8.82    |
| 15+15                                      | 1       | 74        | 1       | 0         |        | 22.67  | 22.65  | 22.62   |
| 15+15                                      | 75      | 0         | 75      | 0         | 64-QAM | 20.52  | 20.46  | 20.33   |
| 15+15                                      | 1       | 0         | 1       | 74        |        | 8.87   | 8.98   | 8.74    |
| 15+15                                      | 1       | 74        | 1       | 0         |        | 20.42  | 20.29  | 20.18   |



| LTE Band 7_CA Maximum Average Power [dBm] |         |           |         |           |        |              |              |         |
|-------------------------------------------|---------|-----------|---------|-----------|--------|--------------|--------------|---------|
| BW [MHz]                                  | PCC     |           | SCC     |           | Mod    | Lowest       | Middle       | Highest |
|                                           | RB Size | RB Offset | RB Size | RB Offset |        |              |              |         |
| 20+20                                     | 100     | 0         | 100     | 0         | QPSK   | 21.74        | 21.72        | 21.67   |
| 20+20                                     | 1       | 0         | 1       | 99        |        | 14.46        | 14.62        | 14.96   |
| 20+20                                     | 1       | 99        | 1       | 0         |        | <b>23.69</b> | 23.67        | 23.31   |
| 20+20                                     | 100     | 0         | 100     | 0         | 16-QAM | 20.77        | 20.79        | 20.75   |
| 20+20                                     | 1       | 0         | 1       | 99        |        | 14.69        | 14.86        | 15.11   |
| 20+20                                     | 1       | 99        | 1       | 0         |        | 22.81        | 22.82        | 22.66   |
| 20+20                                     | 100     | 0         | 100     | 0         | 64-QAM | 20.57        | 20.83        | 20.71   |
| 20+20                                     | 1       | 0         | 1       | 99        |        | 14.56        | 14.54        | 15.04   |
| 20+20                                     | 1       | 99        | 1       | 0         |        | 20.74        | 20.81        | 20.63   |
| 20+15                                     | 100     | 0         | 75      | 0         | QPSK   | 21.75        | 21.75        | 21.67   |
| 20+15                                     | 1       | 0         | 1       | 74        |        | 14.77        | 14.67        | 14.52   |
| 20+15                                     | 1       | 99        | 1       | 0         |        | 23.66        | <b>23.69</b> | 23.50   |
| 20+15                                     | 100     | 0         | 75      | 0         | 16-QAM | 20.82        | 20.77        | 20.71   |
| 20+15                                     | 1       | 0         | 1       | 74        |        | 14.67        | 14.72        | 14.76   |
| 20+15                                     | 1       | 99        | 1       | 0         |        | 22.81        | 22.81        | 22.63   |
| 20+15                                     | 100     | 0         | 75      | 0         | 64-QAM | 20.80        | 20.80        | 20.74   |
| 20+15                                     | 1       | 0         | 1       | 74        |        | 14.61        | 14.74        | 14.60   |
| 20+15                                     | 1       | 99        | 1       | 0         |        | 20.78        | 20.79        | 20.62   |
| 15+20                                     | 75      | 0         | 100     | 0         | QPSK   | 21.73        | 21.75        | 21.71   |
| 15+20                                     | 1       | 0         | 1       | 99        |        | 14.75        | 14.69        | 14.57   |
| 15+20                                     | 1       | 74        | 1       | 0         |        | 23.67        | 23.65        | 23.54   |
| 15+20                                     | 75      | 0         | 100     | 0         | 16-QAM | 20.82        | 20.72        | 20.69   |
| 15+20                                     | 1       | 0         | 1       | 99        |        | 14.64        | 14.77        | 14.74   |
| 15+20                                     | 1       | 74        | 1       | 0         |        | 22.85        | 22.79        | 22.63   |
| 15+20                                     | 75      | 0         | 100     | 0         | 64-QAM | 20.84        | 20.77        | 20.72   |
| 15+20                                     | 1       | 0         | 1       | 99        |        | 14.64        | 14.78        | 14.63   |
| 15+20                                     | 1       | 74        | 1       | 0         |        | 20.73        | 20.83        | 20.67   |



| LTE Band 7_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|-------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                  | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                           | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+10                                     | 100     | 0         | 75      | 0         | QPSK   | 21.75  | 21.75  | 21.67   |
| 20+10                                     | 1       | 0         | 1       | 74        |        | 14.77  | 14.71  | 14.52   |
| 20+10                                     | 1       | 99        | 1       | 0         |        | 23.64  | 23.61  | 23.53   |
| 20+10                                     | 100     | 0         | 75      | 0         | 16-QAM | 20.82  | 20.82  | 20.67   |
| 20+10                                     | 1       | 0         | 1       | 74        |        | 14.64  | 14.71  | 14.79   |
| 20+10                                     | 1       | 99        | 1       | 0         |        | 22.83  | 22.86  | 22.61   |
| 20+10                                     | 100     | 0         | 75      | 0         | 64-QAM | 20.75  | 20.75  | 20.69   |
| 20+10                                     | 1       | 0         | 1       | 74        |        | 14.61  | 14.69  | 14.58   |
| 20+10                                     | 1       | 99        | 1       | 0         |        | 20.73  | 20.80  | 20.65   |
| 10+20                                     | 75      | 0         | 100     | 0         | QPSK   | 21.67  | 21.75  | 21.68   |
| 10+20                                     | 1       | 0         | 1       | 99        |        | 14.78  | 14.69  | 14.47   |
| 10+20                                     | 1       | 74        | 1       | 0         |        | 23.59  | 23.65  | 23.48   |
| 10+20                                     | 75      | 0         | 100     | 0         | 16-QAM | 20.77  | 20.75  | 20.70   |
| 10+20                                     | 1       | 0         | 1       | 99        |        | 14.70  | 14.71  | 14.75   |
| 10+20                                     | 1       | 74        | 1       | 0         |        | 22.85  | 22.79  | 22.61   |
| 10+20                                     | 75      | 0         | 100     | 0         | 64-QAM | 20.76  | 20.83  | 20.71   |
| 10+20                                     | 1       | 0         | 1       | 99        |        | 14.62  | 14.72  | 14.56   |
| 10+20                                     | 1       | 74        | 1       | 0         |        | 20.79  | 20.80  | 20.61   |
| 15+15                                     | 75      | 0         | 100     | 0         | QPSK   | 21.70  | 21.76  | 21.72   |
| 15+15                                     | 1       | 0         | 1       | 99        |        | 14.80  | 14.64  | 14.48   |
| 15+15                                     | 1       | 74        | 1       | 0         |        | 23.63  | 23.57  | 23.45   |
| 15+15                                     | 75      | 0         | 100     | 0         | 16-QAM | 20.82  | 20.74  | 20.74   |
| 15+15                                     | 1       | 0         | 1       | 99        |        | 14.72  | 14.70  | 14.71   |
| 15+15                                     | 1       | 74        | 1       | 0         |        | 22.86  | 22.85  | 22.60   |
| 15+15                                     | 75      | 0         | 100     | 0         | 64-QAM | 20.79  | 20.79  | 20.74   |
| 15+15                                     | 1       | 0         | 1       | 99        |        | 14.56  | 14.73  | 14.61   |
| 15+15                                     | 1       | 74        | 1       | 0         |        | 20.76  | 20.84  | 20.61   |
| 15+10                                     | 75      | 0         | 100     | 0         | QPSK   | 21.73  | 21.78  | 21.64   |
| 15+10                                     | 1       | 0         | 1       | 99        |        | 14.79  | 14.62  | 14.48   |
| 15+10                                     | 1       | 74        | 1       | 0         |        | 23.58  | 23.62  | 23.55   |
| 15+10                                     | 75      | 0         | 100     | 0         | 16-QAM | 20.85  | 20.79  | 20.75   |
| 15+10                                     | 1       | 0         | 1       | 99        |        | 14.66  | 14.69  | 14.76   |
| 15+10                                     | 1       | 74        | 1       | 0         |        | 22.84  | 22.81  | 22.61   |
| 15+10                                     | 75      | 0         | 100     | 0         | 64-QAM | 20.80  | 20.75  | 20.71   |
| 15+10                                     | 1       | 0         | 1       | 99        |        | 14.66  | 14.69  | 14.58   |
| 15+10                                     | 1       | 74        | 1       | 0         |        | 20.83  | 20.75  | 20.67   |

**<ASDIV Antenna>**

| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                     | 1       | 0         | QPSK   | 24.79  | 24.79  | 24.20   |
| 20                                     | 1       | 49        |        | 24.39  | 24.90  | 24.42   |
| 20                                     | 1       | 99        |        | 24.51  | 24.18  | 24.46   |
| 20                                     | 50      | 0         |        | 23.92  | 23.93  | 22.94   |
| 20                                     | 50      | 24        |        | 23.52  | 23.95  | 23.57   |
| 20                                     | 50      | 50        |        | 23.38  | 23.94  | 23.97   |
| 20                                     | 100     | 0         |        | 23.61  | 23.94  | 23.80   |
| 20                                     | 1       | 0         | 16-QAM | 24.09  | 24.13  | 23.50   |
| 20                                     | 1       | 49        |        | 23.74  | 24.25  | 23.35   |
| 20                                     | 1       | 99        |        | 23.84  | 23.55  | 23.86   |
| 20                                     | 50      | 0         |        | 23.02  | 23.01  | 22.02   |
| 20                                     | 50      | 24        |        | 22.63  | 23.06  | 22.62   |
| 20                                     | 50      | 50        |        | 22.44  | 22.99  | 23.07   |
| 20                                     | 100     | 0         |        | 22.68  | 23.00  | 22.86   |
| 20                                     | 1       | 0         | 64-QAM | 23.05  | 23.02  | 22.30   |
| 20                                     | 1       | 49        |        | 22.56  | 23.12  | 22.10   |
| 20                                     | 1       | 99        |        | 22.72  | 22.51  | 22.94   |
| 20                                     | 50      | 0         |        | 21.98  | 22.03  | 20.99   |
| 20                                     | 50      | 24        |        | 21.62  | 22.04  | 21.49   |
| 20                                     | 50      | 50        |        | 21.43  | 22.01  | 22.06   |
| 20                                     | 100     | 0         |        | 21.67  | 22.02  | 21.90   |
| 15                                     | 1       | 0         | QPSK   | 24.79  | 24.92  | 23.75   |
| 15                                     | 1       | 37        |        | 24.64  | 24.93  | 24.80   |
| 15                                     | 1       | 74        |        | 24.22  | 24.73  | 24.38   |
| 15                                     | 36      | 0         |        | 23.83  | 23.98  | 23.23   |
| 15                                     | 36      | 20        |        | 23.74  | 24.02  | 24.05   |
| 15                                     | 36      | 39        |        | 23.41  | 23.94  | 23.98   |
| 15                                     | 75      | 0         |        | 23.70  | 23.98  | 23.94   |
| 15                                     | 1       | 0         | 16-QAM | 24.09  | 24.25  | 23.09   |
| 15                                     | 1       | 37        |        | 23.94  | 24.20  | 24.05   |
| 15                                     | 1       | 74        |        | 23.53  | 24.05  | 23.77   |
| 15                                     | 36      | 0         |        | 22.89  | 23.06  | 22.29   |
| 15                                     | 36      | 20        |        | 22.85  | 23.07  | 23.10   |
| 15                                     | 36      | 39        |        | 22.51  | 23.00  | 23.08   |
| 15                                     | 75      | 0         |        | 22.76  | 23.04  | 23.01   |
| 15                                     | 1       | 0         | 64-QAM | 23.04  | 23.17  | 22.01   |
| 15                                     | 1       | 37        |        | 22.90  | 23.14  | 22.87   |
| 15                                     | 1       | 74        |        | 22.46  | 23.07  | 22.81   |
| 15                                     | 36      | 0         |        | 21.92  | 22.03  | 21.20   |
| 15                                     | 36      | 20        |        | 21.86  | 22.08  | 22.05   |
| 15                                     | 36      | 39        |        | 21.47  | 22.03  | 22.06   |
| 15                                     | 75      | 0         |        | 21.76  | 22.03  | 21.85   |



| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 24.91  | 25.04  | 24.32   |
| 10                                     | 1       | 25        |        | 24.80  | 24.94  | 25.06   |
| 10                                     | 1       | 49        |        | 24.36  | 24.97  | 24.27   |
| 10                                     | 25      | 0         |        | 23.85  | 23.99  | 24.01   |
| 10                                     | 25      | 12        |        | 23.88  | 24.03  | 24.02   |
| 10                                     | 25      | 25        |        | 23.67  | 23.96  | 24.07   |
| 10                                     | 50      | 0         |        | 23.83  | 23.98  | 23.95   |
| 10                                     | 1       | 0         | 16-QAM | 24.20  | 24.39  | 23.67   |
| 10                                     | 1       | 25        |        | 24.08  | 24.28  | 24.38   |
| 10                                     | 1       | 49        |        | 23.70  | 24.25  | 23.65   |
| 10                                     | 25      | 0         |        | 22.95  | 23.10  | 23.09   |
| 10                                     | 25      | 12        |        | 22.95  | 23.08  | 23.09   |
| 10                                     | 25      | 25        |        | 22.83  | 23.04  | 23.14   |
| 10                                     | 50      | 0         |        | 22.94  | 23.08  | 23.09   |
| 10                                     | 1       | 0         | 64-QAM | 23.15  | 23.31  | 22.56   |
| 10                                     | 1       | 25        |        | 23.02  | 23.18  | 23.30   |
| 10                                     | 1       | 49        |        | 22.70  | 23.22  | 22.70   |
| 10                                     | 25      | 0         |        | 21.96  | 22.10  | 22.05   |
| 10                                     | 25      | 12        |        | 21.97  | 22.10  | 22.10   |
| 10                                     | 25      | 25        |        | 21.85  | 22.08  | 22.18   |
| 10                                     | 50      | 0         |        | 21.97  | 22.07  | 22.06   |
| 5                                      | 1       | 0         | QPSK   | 24.82  | 24.96  | 25.06   |
| 5                                      | 1       | 12        |        | 24.84  | 24.97  | 25.05   |
| 5                                      | 1       | 24        |        | 24.78  | 24.91  | 24.21   |
| 5                                      | 12      | 0         |        | 23.89  | 23.98  | 24.12   |
| 5                                      | 12      | 7         |        | 23.89  | 24.02  | 24.14   |
| 5                                      | 12      | 13        |        | 23.83  | 23.98  | 23.74   |
| 5                                      | 25      | 0         |        | 23.83  | 23.98  | 24.04   |
| 5                                      | 1       | 0         | 16-QAM | 24.12  | 24.25  | 24.37   |
| 5                                      | 1       | 12        |        | 24.14  | 24.28  | 24.34   |
| 5                                      | 1       | 24        |        | 24.08  | 24.23  | 23.50   |
| 5                                      | 12      | 0         |        | 22.97  | 23.08  | 23.17   |
| 5                                      | 12      | 7         |        | 22.97  | 23.08  | 23.19   |
| 5                                      | 12      | 13        |        | 22.94  | 23.05  | 22.91   |
| 5                                      | 25      | 0         |        | 22.94  | 23.05  | 23.16   |
| 5                                      | 1       | 0         | 64-QAM | 23.08  | 23.18  | 23.31   |
| 5                                      | 1       | 12        |        | 23.10  | 23.19  | 23.30   |
| 5                                      | 1       | 24        |        | 23.02  | 23.11  | 22.56   |
| 5                                      | 12      | 0         |        | 21.98  | 22.09  | 22.20   |
| 5                                      | 12      | 7         |        | 21.99  | 22.10  | 22.23   |
| 5                                      | 12      | 13        |        | 21.96  | 22.08  | 22.00   |
| 5                                      | 25      | 0         |        | 21.92  | 22.05  | 22.15   |



| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                      | 1       | 0         | QPSK   | 24.82  | 24.94  | 25.04   |
| 3                                      | 1       | 8         |        | 24.83  | 24.96  | 24.59   |
| 3                                      | 1       | 14        |        | 24.79  | 24.92  | 24.15   |
| 3                                      | 8       | 0         |        | 23.90  | 24.00  | 24.08   |
| 3                                      | 8       | 4         |        | 23.90  | 24.03  | 23.82   |
| 3                                      | 8       | 7         |        | 23.90  | 23.98  | 23.56   |
| 3                                      | 15      | 0         |        | 23.84  | 23.98  | 23.80   |
| 3                                      | 1       | 0         | 16-QAM | 24.09  | 24.24  | 24.29   |
| 3                                      | 1       | 8         |        | 24.14  | 24.25  | 23.94   |
| 3                                      | 1       | 14        |        | 24.08  | 24.20  | 23.50   |
| 3                                      | 8       | 0         |        | 23.00  | 23.06  | 23.21   |
| 3                                      | 8       | 4         |        | 23.03  | 23.12  | 23.01   |
| 3                                      | 8       | 7         |        | 22.96  | 23.09  | 22.76   |
| 3                                      | 15      | 0         |        | 22.95  | 23.05  | 22.99   |
| 3                                      | 1       | 0         | 64-QAM | 23.05  | 23.16  | 23.31   |
| 3                                      | 1       | 8         |        | 23.07  | 23.18  | 23.00   |
| 3                                      | 1       | 14        |        | 23.04  | 23.14  | 22.57   |
| 3                                      | 8       | 0         |        | 21.97  | 22.09  | 22.18   |
| 3                                      | 8       | 4         |        | 22.02  | 22.14  | 22.04   |
| 3                                      | 8       | 7         |        | 21.96  | 22.08  | 21.79   |
| 3                                      | 15      | 0         |        | 21.91  | 22.04  | 22.02   |
| 1.4                                    | 1       | 0         | QPSK   | 24.79  | 24.91  | 24.54   |
| 1.4                                    | 1       | 3         |        | 24.83  | 24.96  | 24.37   |
| 1.4                                    | 1       | 5         |        | 24.77  | 24.90  | 24.09   |
| 1.4                                    | 3       | 0         |        | 24.80  | 24.94  | 24.45   |
| 1.4                                    | 3       | 1         |        | 24.88  | 24.96  | 24.41   |
| 1.4                                    | 3       | 3         |        | 24.84  | 24.92  | 24.19   |
| 1.4                                    | 6       | 0         |        | 23.80  | 23.92  | 23.42   |
| 1.4                                    | 1       | 0         | 16-QAM | 24.08  | 24.23  | 23.82   |
| 1.4                                    | 1       | 3         |        | 24.13  | 24.30  | 23.61   |
| 1.4                                    | 1       | 5         |        | 24.10  | 24.23  | 23.42   |
| 1.4                                    | 3       | 0         |        | 23.90  | 24.00  | 23.59   |
| 1.4                                    | 3       | 1         |        | 23.92  | 24.07  | 23.52   |
| 1.4                                    | 3       | 3         |        | 23.89  | 24.01  | 23.36   |
| 1.4                                    | 6       | 0         |        | 22.96  | 23.06  | 22.66   |
| 1.4                                    | 1       | 0         | 64-QAM | 23.04  | 23.11  | 22.89   |
| 1.4                                    | 1       | 3         |        | 23.08  | 23.18  | 22.67   |
| 1.4                                    | 1       | 5         |        | 23.02  | 23.12  | 22.50   |
| 1.4                                    | 3       | 0         |        | 23.01  | 23.11  | 22.85   |
| 1.4                                    | 3       | 1         |        | 23.09  | 23.17  | 22.83   |
| 1.4                                    | 3       | 3         |        | 23.01  | 23.13  | 22.60   |
| 1.4                                    | 6       | 0         |        | 21.90  | 22.00  | 21.66   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 25.24  | 25.15  | 24.93   |
| 20                                      | 1       | 49        |        | 25.05  | 25.00  | 24.92   |
| 20                                      | 1       | 99        |        | 24.90  | 24.62  | 24.10   |
| 20                                      | 50      | 0         |        | 24.17  | 24.11  | 23.99   |
| 20                                      | 50      | 24        |        | 24.10  | 24.13  | 24.03   |
| 20                                      | 50      | 50        |        | 23.97  | 24.06  | 24.02   |
| 20                                      | 100     | 0         |        | 24.14  | 24.06  | 24.01   |
| 20                                      | 1       | 0         | 16-QAM | 24.41  | 24.36  | 23.45   |
| 20                                      | 1       | 49        |        | 24.24  | 24.33  | 24.28   |
| 20                                      | 1       | 99        |        | 24.33  | 24.07  | 23.00   |
| 20                                      | 50      | 0         |        | 23.23  | 23.14  | 23.07   |
| 20                                      | 50      | 24        |        | 23.19  | 23.18  | 23.09   |
| 20                                      | 50      | 50        |        | 22.97  | 23.14  | 23.06   |
| 20                                      | 100     | 0         |        | 23.19  | 23.14  | 23.03   |
| 20                                      | 1       | 0         | 64-QAM | 23.35  | 23.30  | 22.29   |
| 20                                      | 1       | 49        |        | 23.12  | 23.25  | 23.17   |
| 20                                      | 1       | 99        |        | 23.18  | 23.01  | 21.95   |
| 20                                      | 50      | 0         |        | 22.24  | 22.16  | 22.01   |
| 20                                      | 50      | 24        |        | 22.15  | 22.20  | 22.10   |
| 20                                      | 50      | 50        |        | 21.99  | 22.14  | 22.08   |
| 20                                      | 100     | 0         |        | 22.17  | 22.14  | 22.05   |
| 15                                      | 1       | 0         | QPSK   | 25.11  | 25.04  | 24.84   |
| 15                                      | 1       | 37        |        | 25.08  | 25.02  | 25.05   |
| 15                                      | 1       | 74        |        | 24.74  | 24.99  | 23.78   |
| 15                                      | 36      | 0         |        | 24.17  | 24.07  | 24.02   |
| 15                                      | 36      | 20        |        | 24.23  | 24.10  | 24.02   |
| 15                                      | 36      | 39        |        | 23.96  | 24.07  | 23.56   |
| 15                                      | 75      | 0         |        | 24.14  | 24.09  | 24.03   |
| 15                                      | 1       | 0         | 16-QAM | 24.41  | 24.36  | 24.21   |
| 15                                      | 1       | 37        |        | 24.37  | 24.33  | 24.37   |
| 15                                      | 1       | 74        |        | 24.08  | 24.24  | 23.01   |
| 15                                      | 36      | 0         |        | 23.21  | 23.13  | 23.08   |
| 15                                      | 36      | 20        |        | 23.24  | 23.18  | 23.10   |
| 15                                      | 36      | 39        |        | 23.08  | 23.14  | 22.73   |
| 15                                      | 75      | 0         |        | 23.21  | 23.15  | 23.07   |
| 15                                      | 1       | 0         | 64-QAM | 23.34  | 23.25  | 23.05   |
| 15                                      | 1       | 37        |        | 23.29  | 23.24  | 23.26   |
| 15                                      | 1       | 74        |        | 23.06  | 23.19  | 22.07   |
| 15                                      | 36      | 0         |        | 22.26  | 22.18  | 22.09   |
| 15                                      | 36      | 20        |        | 22.28  | 22.18  | 22.11   |
| 15                                      | 36      | 39        |        | 22.01  | 22.15  | 21.70   |
| 15                                      | 75      | 0         |        | 22.21  | 22.12  | 22.05   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 25.23  | 25.16  | 25.02   |
| 10                                      | 1       | 25        |        | 25.12  | 25.06  | 24.30   |
| 10                                      | 1       | 49        |        | 24.92  | 25.08  | 23.78   |
| 10                                      | 25      | 0         |        | 24.20  | 24.12  | 24.04   |
| 10                                      | 25      | 12        |        | 24.21  | 24.11  | 23.78   |
| 10                                      | 25      | 25        |        | 24.16  | 24.10  | 23.05   |
| 10                                      | 50      | 0         |        | 24.15  | 24.11  | 23.84   |
| 10                                      | 1       | 0         | 16-QAM | 24.51  | 24.52  | 24.29   |
| 10                                      | 1       | 25        |        | 24.41  | 24.42  | 23.81   |
| 10                                      | 1       | 49        |        | 24.25  | 24.42  | 23.18   |
| 10                                      | 25      | 0         |        | 23.27  | 23.20  | 23.09   |
| 10                                      | 25      | 12        |        | 23.27  | 23.20  | 22.97   |
| 10                                      | 25      | 25        |        | 23.23  | 23.15  | 22.21   |
| 10                                      | 50      | 0         |        | 23.25  | 23.17  | 22.95   |
| 10                                      | 1       | 0         | 64-QAM | 23.43  | 23.35  | 23.17   |
| 10                                      | 1       | 25        |        | 23.37  | 23.24  | 22.96   |
| 10                                      | 1       | 49        |        | 23.26  | 23.29  | 22.09   |
| 10                                      | 25      | 0         |        | 22.27  | 22.20  | 22.10   |
| 10                                      | 25      | 12        |        | 22.31  | 22.21  | 21.98   |
| 10                                      | 25      | 25        |        | 22.25  | 22.17  | 21.14   |
| 10                                      | 50      | 0         |        | 22.27  | 22.19  | 21.91   |
| 5                                       | 1       | 0         | QPSK   | 25.13  | 25.07  | 24.38   |
| 5                                       | 1       | 12        |        | 25.16  | 25.09  | 23.88   |
| 5                                       | 1       | 24        |        | 25.10  | 25.03  | 23.84   |
| 5                                       | 12      | 0         |        | 24.22  | 24.11  | 23.18   |
| 5                                       | 12      | 7         |        | 24.21  | 24.14  | 22.90   |
| 5                                       | 12      | 13        |        | 24.15  | 24.09  | 22.82   |
| 5                                       | 25      | 0         |        | 24.17  | 24.10  | 23.00   |
| 5                                       | 1       | 0         | 16-QAM | 24.43  | 24.32  | 23.75   |
| 5                                       | 1       | 12        |        | 24.45  | 24.35  | 23.06   |
| 5                                       | 1       | 24        |        | 24.36  | 24.32  | 23.16   |
| 5                                       | 12      | 0         |        | 23.27  | 23.17  | 22.32   |
| 5                                       | 12      | 7         |        | 23.28  | 23.16  | 22.07   |
| 5                                       | 12      | 13        |        | 23.24  | 23.14  | 21.95   |
| 5                                       | 25      | 0         |        | 23.25  | 23.17  | 22.14   |
| 5                                       | 1       | 0         | 64-QAM | 23.37  | 23.28  | 22.82   |
| 5                                       | 1       | 12        |        | 23.36  | 23.29  | 22.08   |
| 5                                       | 1       | 24        |        | 23.30  | 23.23  | 22.03   |
| 5                                       | 12      | 0         |        | 22.31  | 22.22  | 21.41   |
| 5                                       | 12      | 7         |        | 22.31  | 22.22  | 21.10   |
| 5                                       | 12      | 13        |        | 22.29  | 22.17  | 20.96   |
| 5                                       | 25      | 0         |        | 22.23  | 22.17  | 21.05   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                       | 1       | 0         | QPSK   | 25.13  | 25.07  | 23.81   |
| 3                                       | 1       | 8         |        | 25.14  | 25.07  | 23.74   |
| 3                                       | 1       | 14        |        | 25.12  | 25.04  | 23.86   |
| 3                                       | 8       | 0         |        | 24.20  | 24.13  | 22.86   |
| 3                                       | 8       | 4         |        | 24.23  | 24.15  | 22.83   |
| 3                                       | 8       | 7         |        | 24.18  | 24.10  | 22.84   |
| 3                                       | 15      | 0         |        | 24.16  | 24.10  | 22.85   |
| 3                                       | 1       | 0         | 16-QAM | 24.44  | 24.33  | 23.13   |
| 3                                       | 1       | 8         |        | 24.42  | 24.37  | 22.93   |
| 3                                       | 1       | 14        |        | 24.39  | 24.31  | 23.17   |
| 3                                       | 8       | 0         |        | 23.31  | 23.19  | 22.00   |
| 3                                       | 8       | 4         |        | 23.33  | 23.21  | 21.96   |
| 3                                       | 8       | 7         |        | 23.30  | 23.19  | 21.97   |
| 3                                       | 15      | 0         |        | 23.23  | 23.17  | 21.98   |
| 3                                       | 1       | 0         | 64-QAM | 23.35  | 23.21  | 22.16   |
| 3                                       | 1       | 8         |        | 23.36  | 23.27  | 21.88   |
| 3                                       | 1       | 14        |        | 23.31  | 23.20  | 22.12   |
| 3                                       | 8       | 0         |        | 22.30  | 22.18  | 20.92   |
| 3                                       | 8       | 4         |        | 22.33  | 22.23  | 20.83   |
| 3                                       | 8       | 7         |        | 22.29  | 22.20  | 20.78   |
| 3                                       | 15      | 0         |        | 22.27  | 22.17  | 20.90   |
| 1.4                                     | 1       | 0         | QPSK   | 25.08  | 25.01  | 23.70   |
| 1.4                                     | 1       | 3         |        | 25.15  | 25.09  | 23.74   |
| 1.4                                     | 1       | 5         |        | 25.08  | 25.01  | 23.75   |
| 1.4                                     | 3       | 0         |        | 25.12  | 25.05  | 23.71   |
| 1.4                                     | 3       | 1         |        | 25.16  | 25.10  | 23.82   |
| 1.4                                     | 3       | 3         |        | 25.12  | 25.05  | 23.79   |
| 1.4                                     | 6       | 0         |        | 24.12  | 24.07  | 22.73   |
| 1.4                                     | 1       | 0         | 16-QAM | 24.37  | 24.32  | 22.89   |
| 1.4                                     | 1       | 3         |        | 24.45  | 24.42  | 22.87   |
| 1.4                                     | 1       | 5         |        | 24.36  | 24.28  | 22.99   |
| 1.4                                     | 3       | 0         |        | 24.20  | 24.10  | 22.74   |
| 1.4                                     | 3       | 1         |        | 24.22  | 24.18  | 22.81   |
| 1.4                                     | 3       | 3         |        | 24.18  | 24.11  | 22.82   |
| 1.4                                     | 6       | 0         |        | 23.26  | 23.18  | 21.97   |
| 1.4                                     | 1       | 0         | 64-QAM | 23.32  | 23.20  | 21.85   |
| 1.4                                     | 1       | 3         |        | 23.36  | 23.27  | 21.77   |
| 1.4                                     | 1       | 5         |        | 23.29  | 23.17  | 21.92   |
| 1.4                                     | 3       | 0         |        | 23.33  | 23.21  | 21.91   |
| 1.4                                     | 3       | 1         |        | 23.37  | 23.26  | 22.00   |
| 1.4                                     | 3       | 3         |        | 23.31  | 23.20  | 22.00   |
| 1.4                                     | 6       | 0         |        | 22.21  | 22.12  | 20.74   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                     | 1       | 0         | QPSK   | 24.97  | 24.89  | 24.94   |
| 20                                     | 1       | 49        |        | 24.97  | 24.92  | 24.95   |
| 20                                     | 1       | 99        |        | 24.81  | 24.92  | 24.85   |
| 20                                     | 50      | 0         |        | 24.12  | 23.92  | 24.00   |
| 20                                     | 50      | 24        |        | 24.08  | 24.01  | 24.03   |
| 20                                     | 50      | 50        |        | 23.94  | 23.96  | 23.97   |
| 20                                     | 100     | 0         |        | 24.04  | 23.94  | 23.91   |
| 20                                     | 1       | 0         | 16-QAM | 24.26  | 24.22  | 24.21   |
| 20                                     | 1       | 49        |        | 24.23  | 24.14  | 24.27   |
| 20                                     | 1       | 99        |        | 24.14  | 24.24  | 24.16   |
| 20                                     | 50      | 0         |        | 23.17  | 23.03  | 23.04   |
| 20                                     | 50      | 24        |        | 23.17  | 23.09  | 23.13   |
| 20                                     | 50      | 50        |        | 23.04  | 23.02  | 23.07   |
| 20                                     | 100     | 0         |        | 23.12  | 23.02  | 22.98   |
| 20                                     | 1       | 0         | 64-QAM | 23.23  | 23.17  | 23.14   |
| 20                                     | 1       | 49        |        | 23.20  | 23.11  | 23.19   |
| 20                                     | 1       | 99        |        | 23.13  | 23.14  | 23.10   |
| 20                                     | 50      | 0         |        | 22.17  | 22.03  | 22.05   |
| 20                                     | 50      | 24        |        | 22.17  | 22.10  | 22.12   |
| 20                                     | 50      | 50        |        | 22.06  | 22.01  | 22.06   |
| 20                                     | 100     | 0         |        | 22.14  | 22.05  | 22.00   |
| 15                                     | 1       | 0         | QPSK   | 24.97  | 24.86  | 25.04   |
| 15                                     | 1       | 37        |        | 25.02  | 24.93  | 24.97   |
| 15                                     | 1       | 74        |        | 24.91  | 24.85  | 24.89   |
| 15                                     | 36      | 0         |        | 23.99  | 23.96  | 24.04   |
| 15                                     | 36      | 20        |        | 24.14  | 24.05  | 24.06   |
| 15                                     | 36      | 39        |        | 24.11  | 24.01  | 23.99   |
| 15                                     | 75      | 0         |        | 24.11  | 23.96  | 24.03   |
| 15                                     | 1       | 0         | 16-QAM | 24.30  | 24.18  | 24.33   |
| 15                                     | 1       | 37        |        | 24.29  | 24.17  | 24.30   |
| 15                                     | 1       | 74        |        | 24.22  | 24.15  | 24.21   |
| 15                                     | 36      | 0         |        | 23.07  | 23.04  | 23.13   |
| 15                                     | 36      | 20        |        | 23.18  | 23.10  | 23.10   |
| 15                                     | 36      | 39        |        | 23.12  | 23.02  | 23.03   |
| 15                                     | 75      | 0         |        | 23.15  | 23.06  | 23.08   |
| 15                                     | 1       | 0         | 64-QAM | 23.24  | 23.19  | 23.27   |
| 15                                     | 1       | 37        |        | 23.26  | 23.14  | 23.21   |
| 15                                     | 1       | 74        |        | 23.16  | 23.08  | 23.09   |
| 15                                     | 36      | 0         |        | 22.10  | 22.07  | 22.13   |
| 15                                     | 36      | 20        |        | 22.20  | 22.13  | 22.14   |
| 15                                     | 36      | 39        |        | 22.19  | 22.05  | 22.09   |
| 15                                     | 75      | 0         |        | 22.15  | 22.04  | 22.09   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 25.02  | 24.87  | 25.02   |
| 10                                     | 1       | 25        |        | 24.97  | 24.89  | 25.00   |
| 10                                     | 1       | 49        |        | 25.02  | 24.90  | 24.92   |
| 10                                     | 25      | 0         |        | 24.05  | 23.97  | 24.04   |
| 10                                     | 25      | 12        |        | 24.07  | 24.03  | 24.03   |
| 10                                     | 25      | 25        |        | 24.12  | 23.97  | 24.00   |
| 10                                     | 50      | 0         |        | 24.14  | 23.92  | 24.01   |
| 10                                     | 1       | 0         | 16-QAM | 24.33  | 24.18  | 24.38   |
| 10                                     | 1       | 25        |        | 24.28  | 24.22  | 24.31   |
| 10                                     | 1       | 49        |        | 24.30  | 24.18  | 24.25   |
| 10                                     | 25      | 0         |        | 23.14  | 23.07  | 23.12   |
| 10                                     | 25      | 12        |        | 23.13  | 23.13  | 23.14   |
| 10                                     | 25      | 25        |        | 23.16  | 23.05  | 23.08   |
| 10                                     | 50      | 0         |        | 23.23  | 23.04  | 23.13   |
| 10                                     | 1       | 0         | 64-QAM | 23.26  | 23.16  | 23.29   |
| 10                                     | 1       | 25        |        | 23.19  | 23.15  | 23.22   |
| 10                                     | 1       | 49        |        | 23.26  | 23.12  | 23.14   |
| 10                                     | 25      | 0         |        | 22.15  | 22.08  | 22.16   |
| 10                                     | 25      | 12        |        | 22.12  | 22.14  | 22.12   |
| 10                                     | 25      | 25        |        | 22.18  | 22.08  | 22.09   |
| 10                                     | 50      | 0         |        | 22.24  | 22.06  | 22.10   |
| 5                                      | 1       | 0         | QPSK   | 24.99  | 24.89  | 24.98   |
| 5                                      | 1       | 12        |        | 24.99  | 24.93  | 24.99   |
| 5                                      | 1       | 24        |        | 24.95  | 24.88  | 24.93   |
| 5                                      | 12      | 0         |        | 24.05  | 24.00  | 24.04   |
| 5                                      | 12      | 7         |        | 24.05  | 24.04  | 24.02   |
| 5                                      | 12      | 13        |        | 24.05  | 24.04  | 23.96   |
| 5                                      | 25      | 0         |        | 24.05  | 23.99  | 24.02   |
| 5                                      | 1       | 0         | 16-QAM | 24.29  | 24.16  | 24.28   |
| 5                                      | 1       | 12        |        | 24.30  | 24.22  | 24.28   |
| 5                                      | 1       | 24        |        | 24.22  | 24.19  | 24.22   |
| 5                                      | 12      | 0         |        | 23.14  | 23.10  | 23.09   |
| 5                                      | 12      | 7         |        | 23.15  | 23.12  | 23.13   |
| 5                                      | 12      | 13        |        | 23.07  | 23.05  | 23.06   |
| 5                                      | 25      | 0         |        | 23.08  | 23.09  | 23.07   |
| 5                                      | 1       | 0         | 64-QAM | 23.24  | 23.17  | 23.20   |
| 5                                      | 1       | 12        |        | 23.21  | 23.19  | 23.20   |
| 5                                      | 1       | 24        |        | 23.15  | 23.11  | 23.14   |
| 5                                      | 12      | 0         |        | 22.15  | 22.14  | 22.15   |
| 5                                      | 12      | 7         |        | 22.20  | 22.17  | 22.14   |
| 5                                      | 12      | 13        |        | 22.12  | 22.10  | 22.08   |
| 5                                      | 25      | 0         |        | 22.13  | 22.10  | 22.08   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                      | 1       | 0         | QPSK   | 24.99  | 24.93  | 24.97   |
| 3                                      | 1       | 8         |        | 25.00  | 24.92  | 24.96   |
| 3                                      | 1       | 14        |        | 24.97  | 24.91  | 24.90   |
| 3                                      | 8       | 0         |        | 24.03  | 24.02  | 24.01   |
| 3                                      | 8       | 4         |        | 24.10  | 24.05  | 24.02   |
| 3                                      | 8       | 7         |        | 24.04  | 24.04  | 24.00   |
| 3                                      | 15      | 0         |        | 24.06  | 24.01  | 23.99   |
| 3                                      | 1       | 0         | 16-QAM | 24.29  | 24.20  | 24.23   |
| 3                                      | 1       | 8         |        | 24.30  | 24.20  | 24.29   |
| 3                                      | 1       | 14        |        | 24.23  | 24.14  | 24.21   |
| 3                                      | 8       | 0         |        | 23.17  | 23.12  | 23.09   |
| 3                                      | 8       | 4         |        | 23.18  | 23.17  | 23.13   |
| 3                                      | 8       | 7         |        | 23.15  | 23.12  | 23.11   |
| 3                                      | 15      | 0         |        | 23.11  | 23.11  | 23.08   |
| 3                                      | 1       | 0         | 64-QAM | 23.18  | 23.16  | 23.19   |
| 3                                      | 1       | 8         |        | 23.22  | 23.17  | 23.17   |
| 3                                      | 1       | 14        |        | 23.18  | 23.17  | 23.16   |
| 3                                      | 8       | 0         |        | 22.17  | 22.13  | 22.10   |
| 3                                      | 8       | 4         |        | 22.17  | 22.18  | 22.10   |
| 3                                      | 8       | 7         |        | 22.16  | 22.11  | 22.07   |
| 3                                      | 15      | 0         |        | 22.13  | 22.10  | 22.07   |
| 1.4                                    | 1       | 0         | QPSK   | 24.91  | 24.86  | 24.91   |
| 1.4                                    | 1       | 3         |        | 25.00  | 24.93  | 24.95   |
| 1.4                                    | 1       | 5         |        | 24.92  | 24.86  | 24.90   |
| 1.4                                    | 3       | 0         |        | 24.96  | 24.91  | 24.93   |
| 1.4                                    | 3       | 1         |        | 25.00  | 24.93  | 24.98   |
| 1.4                                    | 3       | 3         |        | 24.98  | 24.90  | 24.94   |
| 1.4                                    | 6       | 0         |        | 23.99  | 23.93  | 23.94   |
| 1.4                                    | 1       | 0         | 16-QAM | 24.23  | 24.13  | 24.18   |
| 1.4                                    | 1       | 3         |        | 24.31  | 24.18  | 24.25   |
| 1.4                                    | 1       | 5         |        | 24.25  | 24.12  | 24.18   |
| 1.4                                    | 3       | 0         |        | 24.04  | 23.95  | 23.99   |
| 1.4                                    | 3       | 1         |        | 24.06  | 24.01  | 24.04   |
| 1.4                                    | 3       | 3         |        | 24.02  | 23.94  | 23.97   |
| 1.4                                    | 6       | 0         |        | 23.13  | 23.08  | 23.06   |
| 1.4                                    | 1       | 0         | 64-QAM | 23.18  | 23.16  | 23.11   |
| 1.4                                    | 1       | 3         |        | 23.23  | 23.17  | 23.17   |
| 1.4                                    | 1       | 5         |        | 23.13  | 23.12  | 23.09   |
| 1.4                                    | 3       | 0         |        | 23.16  | 23.13  | 23.13   |
| 1.4                                    | 3       | 1         |        | 23.21  | 23.18  | 23.17   |
| 1.4                                    | 3       | 3         |        | 23.16  | 23.11  | 23.11   |
| 1.4                                    | 6       | 0         |        | 22.06  | 22.04  | 22.01   |



| LTE Band 5 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 24.55  | 24.59  | 24.48   |
| 10                                     | 1       | 25        |        | 24.54  | 24.53  | 24.49   |
| 10                                     | 1       | 49        |        | 24.60  | 24.45  | 24.42   |
| 10                                     | 25      | 0         |        | 23.58  | 23.59  | 23.45   |
| 10                                     | 25      | 12        |        | 23.69  | 23.55  | 23.54   |
| 10                                     | 25      | 25        |        | 23.64  | 23.54  | 23.50   |
| 10                                     | 50      | 0         |        | 23.68  | 23.57  | 23.43   |
| 10                                     | 1       | 0         | 16-QAM | 23.84  | 23.88  | 23.72   |
| 10                                     | 1       | 25        |        | 23.87  | 23.79  | 23.79   |
| 10                                     | 1       | 49        |        | 23.89  | 23.75  | 23.79   |
| 10                                     | 25      | 0         |        | 22.70  | 22.66  | 22.53   |
| 10                                     | 25      | 12        |        | 22.78  | 22.65  | 22.63   |
| 10                                     | 25      | 25        |        | 22.75  | 22.62  | 22.57   |
| 10                                     | 50      | 0         |        | 22.74  | 22.62  | 22.51   |
| 10                                     | 1       | 0         | 64-QAM | 22.77  | 22.81  | 22.68   |
| 10                                     | 1       | 25        |        | 22.76  | 22.75  | 22.71   |
| 10                                     | 1       | 49        |        | 22.82  | 22.71  | 22.66   |
| 10                                     | 25      | 0         |        | 21.67  | 21.66  | 21.56   |
| 10                                     | 25      | 12        |        | 21.78  | 21.64  | 21.63   |
| 10                                     | 25      | 25        |        | 21.72  | 21.61  | 21.57   |
| 10                                     | 50      | 0         |        | 21.78  | 21.65  | 21.55   |
| 5                                      | 1       | 0         | QPSK   | 24.55  | 24.57  | 24.48   |
| 5                                      | 1       | 12        |        | 24.58  | 24.53  | 24.46   |
| 5                                      | 1       | 24        |        | 24.52  | 24.52  | 24.41   |
| 5                                      | 12      | 0         |        | 23.63  | 23.57  | 23.49   |
| 5                                      | 12      | 7         |        | 23.61  | 23.57  | 23.52   |
| 5                                      | 12      | 13        |        | 23.57  | 23.53  | 23.49   |
| 5                                      | 25      | 0         |        | 23.60  | 23.56  | 23.47   |
| 5                                      | 1       | 0         | 16-QAM | 23.85  | 23.81  | 23.73   |
| 5                                      | 1       | 12        |        | 23.84  | 23.82  | 23.82   |
| 5                                      | 1       | 24        |        | 23.82  | 23.74  | 23.75   |
| 5                                      | 12      | 0         |        | 22.67  | 22.67  | 22.57   |
| 5                                      | 12      | 7         |        | 22.73  | 22.65  | 22.60   |
| 5                                      | 12      | 13        |        | 22.65  | 22.65  | 22.59   |
| 5                                      | 25      | 0         |        | 22.69  | 22.62  | 22.57   |
| 5                                      | 1       | 0         | 64-QAM | 22.78  | 22.76  | 22.70   |
| 5                                      | 1       | 12        |        | 22.82  | 22.79  | 22.74   |
| 5                                      | 1       | 24        |        | 22.74  | 22.74  | 22.68   |
| 5                                      | 12      | 0         |        | 21.73  | 21.69  | 21.65   |
| 5                                      | 12      | 7         |        | 21.76  | 21.70  | 21.65   |
| 5                                      | 12      | 13        |        | 21.70  | 21.66  | 21.63   |
| 5                                      | 25      | 0         |        | 21.71  | 21.66  | 21.59   |



| LTE Band 5 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                      | 1       | 0         | QPSK   | 24.58  | 24.56  | 24.45   |
| 3                                      | 1       | 8         |        | 24.57  | 24.54  | 24.42   |
| 3                                      | 1       | 14        |        | 24.58  | 24.53  | 24.42   |
| 3                                      | 8       | 0         |        | 23.61  | 23.56  | 23.47   |
| 3                                      | 8       | 4         |        | 23.63  | 23.54  | 23.51   |
| 3                                      | 8       | 7         |        | 23.62  | 23.53  | 23.49   |
| 3                                      | 15      | 0         |        | 23.61  | 23.55  | 23.48   |
| 3                                      | 1       | 0         | 16-QAM | 23.84  | 23.81  | 23.70   |
| 3                                      | 1       | 8         |        | 23.83  | 23.84  | 23.78   |
| 3                                      | 1       | 14        |        | 23.84  | 23.75  | 23.76   |
| 3                                      | 8       | 0         |        | 22.74  | 22.68  | 22.60   |
| 3                                      | 8       | 4         |        | 22.75  | 22.69  | 22.63   |
| 3                                      | 8       | 7         |        | 22.72  | 22.67  | 22.58   |
| 3                                      | 15      | 0         |        | 22.72  | 22.65  | 22.58   |
| 3                                      | 1       | 0         | 64-QAM | 22.80  | 22.78  | 22.71   |
| 3                                      | 1       | 8         |        | 22.79  | 22.76  | 22.70   |
| 3                                      | 1       | 14        |        | 22.78  | 22.73  | 22.70   |
| 3                                      | 8       | 0         |        | 21.72  | 21.68  | 21.59   |
| 3                                      | 8       | 4         |        | 21.76  | 21.71  | 21.62   |
| 3                                      | 8       | 7         |        | 21.73  | 21.67  | 21.58   |
| 3                                      | 15      | 0         |        | 21.70  | 21.64  | 21.57   |
| 1.4                                    | 1       | 0         | QPSK   | 24.53  | 24.48  | 24.38   |
| 1.4                                    | 1       | 3         |        | 24.58  | 24.54  | 24.44   |
| 1.4                                    | 1       | 5         |        | 24.53  | 24.45  | 24.34   |
| 1.4                                    | 3       | 0         |        | 24.57  | 24.52  | 24.42   |
| 1.4                                    | 3       | 1         |        | 24.58  | 24.54  | 24.45   |
| 1.4                                    | 3       | 3         |        | 24.57  | 24.50  | 24.41   |
| 1.4                                    | 6       | 0         |        | 23.57  | 23.48  | 23.40   |
| 1.4                                    | 1       | 0         | 16-QAM | 23.80  | 23.72  | 23.72   |
| 1.4                                    | 1       | 3         |        | 23.85  | 23.78  | 23.80   |
| 1.4                                    | 1       | 5         |        | 23.77  | 23.72  | 23.70   |
| 1.4                                    | 3       | 0         |        | 23.60  | 23.56  | 23.51   |
| 1.4                                    | 3       | 1         |        | 23.66  | 23.59  | 23.54   |
| 1.4                                    | 3       | 3         |        | 23.61  | 23.55  | 23.50   |
| 1.4                                    | 6       | 0         |        | 22.70  | 22.63  | 22.57   |
| 1.4                                    | 1       | 0         | 64-QAM | 22.78  | 22.69  | 22.63   |
| 1.4                                    | 1       | 3         |        | 22.82  | 22.75  | 22.70   |
| 1.4                                    | 1       | 5         |        | 22.75  | 22.67  | 22.61   |
| 1.4                                    | 3       | 0         |        | 22.77  | 22.71  | 22.63   |
| 1.4                                    | 3       | 1         |        | 22.80  | 22.75  | 22.67   |
| 1.4                                    | 3       | 3         |        | 22.75  | 22.70  | 22.63   |
| 1.4                                    | 6       | 0         |        | 21.65  | 21.58  | 21.49   |



| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                     | 1       | 0         | QPSK   | 23.88  | 23.84  | 23.87   |
| 20                                     | 1       | 49        |        | 23.88  | 23.95  | 23.89   |
| 20                                     | 1       | 99        |        | 24.01  | 24.08  | 24.00   |
| 20                                     | 50      | 0         |        | 22.95  | 23.00  | 22.94   |
| 20                                     | 50      | 24        |        | 23.01  | 23.02  | 22.96   |
| 20                                     | 50      | 50        |        | 23.02  | 23.07  | 23.01   |
| 20                                     | 100     | 0         |        | 22.98  | 23.03  | 22.97   |
| 20                                     | 1       | 0         | 16-QAM | 23.24  | 23.17  | 23.20   |
| 20                                     | 1       | 49        |        | 23.17  | 23.27  | 23.21   |
| 20                                     | 1       | 99        |        | 23.33  | 23.38  | 23.29   |
| 20                                     | 50      | 0         |        | 22.04  | 22.08  | 22.01   |
| 20                                     | 50      | 24        |        | 22.06  | 22.09  | 22.05   |
| 20                                     | 50      | 50        |        | 22.08  | 22.13  | 22.08   |
| 20                                     | 100     | 0         |        | 22.05  | 22.08  | 22.02   |
| 20                                     | 1       | 0         | 64-QAM | 22.10  | 22.08  | 22.10   |
| 20                                     | 1       | 49        |        | 22.07  | 22.16  | 22.15   |
| 20                                     | 1       | 99        |        | 22.22  | 22.26  | 22.20   |
| 20                                     | 50      | 0         |        | 21.02  | 21.07  | 21.01   |
| 20                                     | 50      | 24        |        | 21.06  | 21.10  | 21.05   |
| 20                                     | 50      | 50        |        | 21.09  | 21.14  | 21.08   |
| 20                                     | 100     | 0         |        | 21.04  | 21.09  | 21.01   |
| 15                                     | 1       | 0         | QPSK   | 23.91  | 23.98  | 23.90   |
| 15                                     | 1       | 37        |        | 23.91  | 23.97  | 23.89   |
| 15                                     | 1       | 74        |        | 24.06  | 24.07  | 24.05   |
| 15                                     | 36      | 0         |        | 22.95  | 23.00  | 22.92   |
| 15                                     | 36      | 20        |        | 23.01  | 23.05  | 22.97   |
| 15                                     | 36      | 39        |        | 23.02  | 23.06  | 22.99   |
| 15                                     | 75      | 0         |        | 22.99  | 23.02  | 22.95   |
| 15                                     | 1       | 0         | 16-QAM | 23.27  | 23.32  | 23.22   |
| 15                                     | 1       | 37        |        | 23.19  | 23.25  | 23.21   |
| 15                                     | 1       | 74        |        | 23.35  | 23.42  | 23.33   |
| 15                                     | 36      | 0         |        | 22.02  | 22.06  | 22.00   |
| 15                                     | 36      | 20        |        | 22.07  | 22.11  | 22.04   |
| 15                                     | 36      | 39        |        | 22.08  | 22.11  | 22.06   |
| 15                                     | 75      | 0         |        | 22.04  | 22.08  | 21.99   |
| 15                                     | 1       | 0         | 64-QAM | 22.17  | 22.21  | 22.15   |
| 15                                     | 1       | 37        |        | 22.13  | 22.19  | 22.12   |
| 15                                     | 1       | 74        |        | 22.24  | 22.30  | 22.24   |
| 15                                     | 36      | 0         |        | 21.04  | 21.09  | 21.03   |
| 15                                     | 36      | 20        |        | 21.10  | 21.12  | 21.05   |
| 15                                     | 36      | 39        |        | 21.08  | 21.12  | 21.06   |
| 15                                     | 75      | 0         |        | 21.02  | 21.07  | 21.03   |



| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                     | 1       | 0         | QPSK   | 23.90  | 23.99  | 23.90   |
| 10                                     | 1       | 25        |        | 23.92  | 23.98  | 23.93   |
| 10                                     | 1       | 49        |        | 24.01  | 24.04  | 23.97   |
| 10                                     | 25      | 0         |        | 22.94  | 22.99  | 22.94   |
| 10                                     | 25      | 12        |        | 22.96  | 23.04  | 22.98   |
| 10                                     | 25      | 25        |        | 23.02  | 23.06  | 22.98   |
| 10                                     | 50      | 0         |        | 22.98  | 23.00  | 22.95   |
| 10                                     | 1       | 0         | 16-QAM | 23.24  | 23.32  | 23.21   |
| 10                                     | 1       | 25        |        | 23.27  | 23.33  | 23.23   |
| 10                                     | 1       | 49        |        | 23.31  | 23.37  | 23.29   |
| 10                                     | 25      | 0         |        | 22.04  | 22.05  | 22.00   |
| 10                                     | 25      | 12        |        | 22.06  | 22.09  | 22.02   |
| 10                                     | 25      | 25        |        | 22.08  | 22.10  | 22.05   |
| 10                                     | 50      | 0         |        | 22.03  | 22.08  | 22.03   |
| 10                                     | 1       | 0         | 64-QAM | 22.16  | 22.17  | 22.14   |
| 10                                     | 1       | 25        |        | 22.16  | 22.24  | 22.11   |
| 10                                     | 1       | 49        |        | 22.21  | 22.25  | 22.20   |
| 10                                     | 25      | 0         |        | 21.03  | 21.07  | 20.98   |
| 10                                     | 25      | 12        |        | 21.05  | 21.12  | 21.03   |
| 10                                     | 25      | 25        |        | 21.05  | 21.13  | 21.06   |
| 10                                     | 50      | 0         |        | 21.05  | 21.08  | 21.02   |
| 5                                      | 1       | 0         | QPSK   | 23.89  | 23.95  | 23.87   |
| 5                                      | 1       | 12        |        | 23.94  | 24.00  | 23.91   |
| 5                                      | 1       | 24        |        | 23.96  | 24.01  | 23.92   |
| 5                                      | 12      | 0         |        | 22.96  | 22.98  | 22.89   |
| 5                                      | 12      | 7         |        | 23.01  | 23.03  | 22.96   |
| 5                                      | 12      | 13        |        | 22.96  | 23.01  | 22.98   |
| 5                                      | 25      | 0         |        | 22.98  | 23.02  | 22.95   |
| 5                                      | 1       | 0         | 16-QAM | 23.25  | 23.27  | 23.20   |
| 5                                      | 1       | 12        |        | 23.26  | 23.31  | 23.23   |
| 5                                      | 1       | 24        |        | 23.27  | 23.30  | 23.23   |
| 5                                      | 12      | 0         |        | 22.01  | 22.04  | 21.99   |
| 5                                      | 12      | 7         |        | 22.06  | 22.10  | 22.02   |
| 5                                      | 12      | 13        |        | 22.05  | 22.08  | 22.01   |
| 5                                      | 25      | 0         |        | 22.03  | 22.07  | 22.01   |
| 5                                      | 1       | 0         | 64-QAM | 22.16  | 22.18  | 22.10   |
| 5                                      | 1       | 12        |        | 22.16  | 22.20  | 22.10   |
| 5                                      | 1       | 24        |        | 22.17  | 22.21  | 22.17   |
| 5                                      | 12      | 0         |        | 21.06  | 21.10  | 21.01   |
| 5                                      | 12      | 7         |        | 21.10  | 21.14  | 21.07   |
| 5                                      | 12      | 13        |        | 21.09  | 21.12  | 21.05   |
| 5                                      | 25      | 0         |        | 21.03  | 21.09  | 21.01   |



| LTE Band 12 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.38  | 24.45  | 24.49   |
| 10                                      | 1       | 25        |        | 24.48  | 24.53  | 24.59   |
| 10                                      | 1       | 49        |        | 24.52  | 24.61  | 24.66   |
| 10                                      | 25      | 0         |        | 23.55  | 23.60  | 23.55   |
| 10                                      | 25      | 12        |        | 23.66  | 23.56  | 23.55   |
| 10                                      | 25      | 25        |        | 23.56  | 23.55  | 23.61   |
| 10                                      | 50      | 0         |        | 23.59  | 23.58  | 23.52   |
| 10                                      | 1       | 0         | 16-QAM | 23.75  | 23.81  | 23.82   |
| 10                                      | 1       | 25        |        | 23.84  | 23.90  | 23.94   |
| 10                                      | 1       | 49        |        | 23.90  | 23.97  | 24.01   |
| 10                                      | 25      | 0         |        | 22.63  | 22.67  | 22.57   |
| 10                                      | 25      | 12        |        | 22.74  | 22.67  | 22.65   |
| 10                                      | 25      | 25        |        | 22.69  | 22.65  | 22.70   |
| 10                                      | 50      | 0         |        | 22.71  | 22.68  | 22.64   |
| 10                                      | 1       | 0         | 64-QAM | 22.65  | 22.70  | 22.78   |
| 10                                      | 1       | 25        |        | 22.73  | 22.80  | 22.85   |
| 10                                      | 1       | 49        |        | 22.79  | 22.83  | 22.91   |
| 10                                      | 25      | 0         |        | 21.62  | 21.67  | 21.66   |
| 10                                      | 25      | 12        |        | 21.78  | 21.68  | 21.63   |
| 10                                      | 25      | 25        |        | 21.69  | 21.66  | 21.72   |
| 10                                      | 50      | 0         |        | 21.73  | 21.67  | 21.66   |
| 5                                       | 1       | 0         | QPSK   | 24.39  | 24.42  | 24.58   |
| 5                                       | 1       | 12        |        | 24.50  | 24.54  | 24.54   |
| 5                                       | 1       | 24        |        | 24.46  | 24.50  | 24.65   |
| 5                                       | 12      | 0         |        | 23.54  | 23.55  | 23.58   |
| 5                                       | 12      | 7         |        | 23.57  | 23.61  | 23.64   |
| 5                                       | 12      | 13        |        | 23.52  | 23.56  | 23.57   |
| 5                                       | 25      | 0         |        | 23.51  | 23.55  | 23.61   |
| 5                                       | 1       | 0         | 16-QAM | 23.76  | 23.79  | 23.90   |
| 5                                       | 1       | 12        |        | 23.87  | 23.90  | 23.94   |
| 5                                       | 1       | 24        |        | 23.81  | 23.86  | 23.98   |
| 5                                       | 12      | 0         |        | 22.67  | 22.66  | 22.72   |
| 5                                       | 12      | 7         |        | 22.68  | 22.69  | 22.72   |
| 5                                       | 12      | 13        |        | 22.66  | 22.63  | 22.69   |
| 5                                       | 25      | 0         |        | 22.63  | 22.64  | 22.68   |
| 5                                       | 1       | 0         | 64-QAM | 22.68  | 22.74  | 22.83   |
| 5                                       | 1       | 12        |        | 22.80  | 22.82  | 22.83   |
| 5                                       | 1       | 24        |        | 22.77  | 22.78  | 22.88   |
| 5                                       | 12      | 0         |        | 21.70  | 21.72  | 21.73   |
| 5                                       | 12      | 7         |        | 21.74  | 21.76  | 21.76   |
| 5                                       | 12      | 13        |        | 21.71  | 21.72  | 21.72   |
| 5                                       | 25      | 0         |        | 21.66  | 21.67  | 21.69   |



| LTE Band 12 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                       | 1       | 0         | QPSK   | 24.40  | 24.52  | 24.55   |
| 3                                       | 1       | 8         |        | 24.42  | 24.53  | 24.64   |
| 3                                       | 1       | 14        |        | 24.49  | 24.53  | 24.64   |
| 3                                       | 8       | 0         |        | 23.46  | 23.53  | 23.59   |
| 3                                       | 8       | 4         |        | 23.47  | 23.57  | 23.74   |
| 3                                       | 8       | 7         |        | 23.57  | 23.54  | 23.73   |
| 3                                       | 15      | 0         |        | 23.53  | 23.55  | 23.56   |
| 3                                       | 1       | 0         | 16-QAM | 23.78  | 23.86  | 23.87   |
| 3                                       | 1       | 8         |        | 23.75  | 23.89  | 23.98   |
| 3                                       | 1       | 14        |        | 23.82  | 23.85  | 23.97   |
| 3                                       | 8       | 0         |        | 22.60  | 22.70  | 22.70   |
| 3                                       | 8       | 4         |        | 22.62  | 22.73  | 22.87   |
| 3                                       | 8       | 7         |        | 22.68  | 22.68  | 22.84   |
| 3                                       | 15      | 0         |        | 22.63  | 22.65  | 22.68   |
| 3                                       | 1       | 0         | 64-QAM | 22.67  | 22.77  | 22.82   |
| 3                                       | 1       | 8         |        | 22.70  | 22.77  | 22.92   |
| 3                                       | 1       | 14        |        | 22.80  | 22.79  | 22.91   |
| 3                                       | 8       | 0         |        | 21.59  | 21.70  | 21.72   |
| 3                                       | 8       | 4         |        | 21.64  | 21.73  | 21.89   |
| 3                                       | 8       | 7         |        | 21.69  | 21.69  | 21.85   |
| 3                                       | 15      | 0         |        | 21.65  | 21.65  | 21.68   |
| 1.4                                     | 1       | 0         | QPSK   | 24.38  | 24.45  | 24.57   |
| 1.4                                     | 1       | 3         |        | 24.43  | 24.51  | 24.62   |
| 1.4                                     | 1       | 5         |        | 24.34  | 24.44  | 24.54   |
| 1.4                                     | 3       | 0         |        | 24.40  | 24.48  | 24.57   |
| 1.4                                     | 3       | 1         |        | 24.43  | 24.51  | 24.61   |
| 1.4                                     | 3       | 3         |        | 24.41  | 24.51  | 24.59   |
| 1.4                                     | 6       | 0         |        | 23.40  | 23.48  | 23.62   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.71  | 23.82  | 23.91   |
| 1.4                                     | 1       | 3         |        | 23.81  | 23.88  | 23.99   |
| 1.4                                     | 1       | 5         |        | 23.71  | 23.81  | 23.90   |
| 1.4                                     | 3       | 0         |        | 23.50  | 23.58  | 23.70   |
| 1.4                                     | 3       | 1         |        | 23.54  | 23.61  | 23.74   |
| 1.4                                     | 3       | 3         |        | 23.48  | 23.57  | 23.66   |
| 1.4                                     | 6       | 0         |        | 22.56  | 22.66  | 22.81   |
| 1.4                                     | 1       | 0         | 64-QAM | 22.64  | 22.73  | 22.81   |
| 1.4                                     | 1       | 3         |        | 22.70  | 22.81  | 22.89   |
| 1.4                                     | 1       | 5         |        | 22.60  | 22.71  | 22.83   |
| 1.4                                     | 3       | 0         |        | 22.60  | 22.72  | 22.83   |
| 1.4                                     | 3       | 1         |        | 22.67  | 22.76  | 22.87   |
| 1.4                                     | 3       | 3         |        | 22.61  | 22.72  | 22.82   |
| 1.4                                     | 6       | 0         |        | 21.48  | 21.61  | 21.73   |



| LTE Band 13 Maximum Average Power [dBm] |         |           |        |        |              |         |
|-----------------------------------------|---------|-----------|--------|--------|--------------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle       | Highest |
| 10                                      | 1       | 0         | QPSK   |        | 24.30        |         |
| 10                                      | 1       | 25        |        |        | <b>24.53</b> |         |
| 10                                      | 1       | 49        |        |        | 24.46        |         |
| 10                                      | 25      | 0         |        |        | 23.47        |         |
| 10                                      | 25      | 12        |        |        | 23.54        |         |
| 10                                      | 25      | 25        |        |        | 23.50        |         |
| 10                                      | 50      | 0         |        |        | 23.54        |         |
| 10                                      | 1       | 0         | 16-QAM |        | 23.65        |         |
| 10                                      | 1       | 25        |        |        | 23.92        |         |
| 10                                      | 1       | 49        |        |        | 23.82        |         |
| 10                                      | 25      | 0         |        |        | 22.53        |         |
| 10                                      | 25      | 12        |        |        | 22.63        |         |
| 10                                      | 25      | 25        |        |        | 22.58        |         |
| 10                                      | 50      | 0         |        |        | 22.59        |         |
| 10                                      | 1       | 0         | 64-QAM |        | 22.56        |         |
| 10                                      | 1       | 25        |        |        | 22.80        |         |
| 10                                      | 1       | 49        |        |        | 22.79        |         |
| 10                                      | 25      | 0         |        |        | 21.57        |         |
| 10                                      | 25      | 12        |        |        | 21.68        |         |
| 10                                      | 25      | 25        |        |        | 21.60        |         |
| 10                                      | 50      | 0         |        |        | 21.68        |         |
| 5                                       | 1       | 0         | QPSK   | 24.33  | 24.44        | 24.52   |
| 5                                       | 1       | 12        |        | 24.41  | 24.52        | 24.50   |
| 5                                       | 1       | 24        |        | 24.51  | 24.49        | 24.47   |
| 5                                       | 12      | 0         |        | 23.52  | 23.58        | 23.55   |
| 5                                       | 12      | 7         |        | 23.50  | 23.54        | 23.55   |
| 5                                       | 12      | 13        |        | 23.58  | 23.54        | 23.47   |
| 5                                       | 25      | 0         |        | 23.48  | 23.51        | 23.50   |
| 5                                       | 1       | 0         | 16-QAM | 23.63  | 23.74        | 23.90   |
| 5                                       | 1       | 12        |        | 23.79  | 23.90        | 23.92   |
| 5                                       | 1       | 24        |        | 23.83  | 23.87        | 23.83   |
| 5                                       | 12      | 0         |        | 22.58  | 22.64        | 22.61   |
| 5                                       | 12      | 7         |        | 22.56  | 22.65        | 22.63   |
| 5                                       | 12      | 13        |        | 22.64  | 22.62        | 22.59   |
| 5                                       | 25      | 0         |        | 22.56  | 22.59        | 22.57   |
| 5                                       | 1       | 0         | 64-QAM | 22.53  | 22.60        | 22.82   |
| 5                                       | 1       | 12        |        | 22.71  | 22.80        | 22.81   |
| 5                                       | 1       | 24        |        | 22.74  | 22.78        | 22.74   |
| 5                                       | 12      | 0         |        | 21.62  | 21.67        | 21.64   |
| 5                                       | 12      | 7         |        | 21.61  | 21.71        | 21.71   |
| 5                                       | 12      | 13        |        | 21.68  | 21.64        | 21.66   |
| 5                                       | 25      | 0         |        | 21.55  | 21.62        | 21.63   |



| LTE Band 17 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.47  | 24.44  | 24.53   |
| 10                                      | 1       | 25        |        | 24.53  | 24.53  | 24.53   |
| 10                                      | 1       | 49        |        | 24.57  | 24.53  | 24.52   |
| 10                                      | 25      | 0         |        | 23.58  | 23.56  | 23.58   |
| 10                                      | 25      | 12        |        | 23.60  | 23.58  | 23.61   |
| 10                                      | 25      | 25        |        | 23.58  | 23.56  | 23.56   |
| 10                                      | 50      | 0         |        | 23.58  | 23.57  | 23.57   |
| 10                                      | 1       | 0         | 16-QAM | 23.79  | 23.80  | 23.84   |
| 10                                      | 1       | 25        |        | 23.90  | 23.87  | 23.86   |
| 10                                      | 1       | 49        |        | 23.88  | 23.87  | 23.84   |
| 10                                      | 25      | 0         |        | 22.68  | 22.68  | 22.67   |
| 10                                      | 25      | 12        |        | 22.70  | 22.66  | 22.67   |
| 10                                      | 25      | 25        |        | 22.66  | 22.65  | 22.67   |
| 10                                      | 50      | 0         |        | 22.68  | 22.67  | 22.64   |
| 10                                      | 1       | 0         | 64-QAM | 22.72  | 22.73  | 22.80   |
| 10                                      | 1       | 25        |        | 22.81  | 22.79  | 22.79   |
| 10                                      | 1       | 49        |        | 22.82  | 22.81  | 22.80   |
| 10                                      | 25      | 0         |        | 21.68  | 21.66  | 21.66   |
| 10                                      | 25      | 12        |        | 21.71  | 21.68  | 21.69   |
| 10                                      | 25      | 25        |        | 21.67  | 21.65  | 21.66   |
| 10                                      | 50      | 0         |        | 21.66  | 21.67  | 21.66   |
| 5                                       | 1       | 0         | QPSK   | 24.49  | 24.53  | 24.50   |
| 5                                       | 1       | 12        |        | 24.56  | 24.54  | 24.50   |
| 5                                       | 1       | 24        |        | 24.55  | 24.52  | 24.50   |
| 5                                       | 12      | 0         |        | 23.51  | 23.58  | 23.53   |
| 5                                       | 12      | 7         |        | 23.66  | 23.59  | 23.56   |
| 5                                       | 12      | 13        |        | 23.61  | 23.56  | 23.54   |
| 5                                       | 25      | 0         |        | 23.59  | 23.55  | 23.54   |
| 5                                       | 1       | 0         | 16-QAM | 23.84  | 23.88  | 23.82   |
| 5                                       | 1       | 12        |        | 23.93  | 23.91  | 23.89   |
| 5                                       | 1       | 24        |        | 23.90  | 23.88  | 23.83   |
| 5                                       | 12      | 0         |        | 22.65  | 22.67  | 22.64   |
| 5                                       | 12      | 7         |        | 22.73  | 22.71  | 22.68   |
| 5                                       | 12      | 13        |        | 22.70  | 22.68  | 22.64   |
| 5                                       | 25      | 0         |        | 22.70  | 22.65  | 22.64   |
| 5                                       | 1       | 0         | 64-QAM | 22.77  | 22.78  | 22.75   |
| 5                                       | 1       | 12        |        | 22.90  | 22.81  | 22.78   |
| 5                                       | 1       | 24        |        | 22.80  | 22.75  | 22.77   |
| 5                                       | 12      | 0         |        | 21.69  | 21.71  | 21.66   |
| 5                                       | 12      | 7         |        | 21.77  | 21.73  | 21.73   |
| 5                                       | 12      | 13        |        | 21.77  | 21.70  | 21.70   |
| 5                                       | 25      | 0         |        | 21.75  | 21.70  | 21.65   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 15                                      | 1       | 0         | QPSK   | 24.61  | 24.59  | 24.53   |
| 15                                      | 1       | 37        |        | 24.62  | 24.56  | 24.54   |
| 15                                      | 1       | 74        |        | 24.66  | 24.52  | 24.47   |
| 15                                      | 36      | 0         |        | 23.72  | 23.70  | 23.52   |
| 15                                      | 36      | 20        |        | 23.74  | 23.66  | 23.52   |
| 15                                      | 36      | 39        |        | 23.73  | 23.62  | 23.55   |
| 15                                      | 75      | 0         |        | 23.70  | 23.64  | 23.52   |
| 15                                      | 1       | 0         | 16-QAM | 23.94  | 23.92  | 23.90   |
| 15                                      | 1       | 37        |        | 23.97  | 23.89  | 23.87   |
| 15                                      | 1       | 74        |        | 23.97  | 23.88  | 23.81   |
| 15                                      | 36      | 0         |        | 22.79  | 22.75  | 22.61   |
| 15                                      | 36      | 20        |        | 22.83  | 22.74  | 22.60   |
| 15                                      | 36      | 39        |        | 22.82  | 22.70  | 22.62   |
| 15                                      | 75      | 0         |        | 22.78  | 22.72  | 22.58   |
| 15                                      | 1       | 0         | 64-QAM | 22.85  | 22.81  | 22.76   |
| 15                                      | 1       | 37        |        | 22.88  | 22.82  | 22.79   |
| 15                                      | 1       | 74        |        | 22.88  | 22.79  | 22.73   |
| 15                                      | 36      | 0         |        | 21.84  | 21.80  | 21.64   |
| 15                                      | 36      | 20        |        | 21.83  | 21.78  | 21.62   |
| 15                                      | 36      | 39        |        | 21.86  | 21.74  | 21.68   |
| 15                                      | 75      | 0         |        | 21.77  | 21.73  | 21.59   |
| 10                                      | 1       | 0         | QPSK   | 24.61  | 24.52  | 24.57   |
| 10                                      | 1       | 25        |        | 24.65  | 24.57  | 24.50   |
| 10                                      | 1       | 49        |        | 24.58  | 24.53  | 24.43   |
| 10                                      | 25      | 0         |        | 23.77  | 23.65  | 23.58   |
| 10                                      | 25      | 12        |        | 23.77  | 23.66  | 23.61   |
| 10                                      | 25      | 25        |        | 23.71  | 23.60  | 23.55   |
| 10                                      | 50      | 0         |        | 23.75  | 23.66  | 23.57   |
| 10                                      | 1       | 0         | 16-QAM | 23.96  | 23.87  | 23.90   |
| 10                                      | 1       | 25        |        | 24.01  | 23.91  | 23.84   |
| 10                                      | 1       | 49        |        | 23.98  | 23.87  | 23.77   |
| 10                                      | 25      | 0         |        | 22.85  | 22.75  | 22.68   |
| 10                                      | 25      | 12        |        | 22.86  | 22.75  | 22.68   |
| 10                                      | 25      | 25        |        | 22.80  | 22.74  | 22.64   |
| 10                                      | 50      | 0         |        | 22.80  | 22.73  | 22.63   |
| 10                                      | 1       | 0         | 64-QAM | 22.85  | 22.77  | 22.80   |
| 10                                      | 1       | 25        |        | 22.90  | 22.86  | 22.75   |
| 10                                      | 1       | 49        |        | 22.89  | 22.79  | 22.71   |
| 10                                      | 25      | 0         |        | 21.85  | 21.76  | 21.65   |
| 10                                      | 25      | 12        |        | 21.86  | 21.78  | 21.67   |
| 10                                      | 25      | 25        |        | 21.78  | 21.74  | 21.64   |
| 10                                      | 50      | 0         |        | 21.82  | 21.74  | 21.66   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 24.59  | 24.60  | 24.47   |
| 5                                       | 1       | 12        |        | 24.58  | 24.58  | 24.47   |
| 5                                       | 1       | 24        |        | 24.64  | 24.56  | 24.42   |
| 5                                       | 12      | 0         |        | 23.63  | 23.70  | 23.55   |
| 5                                       | 12      | 7         |        | 23.63  | 23.70  | 23.55   |
| 5                                       | 12      | 13        |        | 23.75  | 23.61  | 23.52   |
| 5                                       | 25      | 0         |        | 23.77  | 23.67  | 23.55   |
| 5                                       | 1       | 0         | 16-QAM | 23.92  | 23.96  | 23.82   |
| 5                                       | 1       | 12        |        | 23.94  | 23.95  | 23.82   |
| 5                                       | 1       | 24        |        | 23.98  | 23.90  | 23.75   |
| 5                                       | 12      | 0         |        | 22.71  | 22.73  | 22.64   |
| 5                                       | 12      | 7         |        | 22.74  | 22.81  | 22.65   |
| 5                                       | 12      | 13        |        | 22.87  | 22.71  | 22.60   |
| 5                                       | 25      | 0         |        | 22.85  | 22.72  | 22.62   |
| 5                                       | 1       | 0         | 64-QAM | 22.87  | 22.87  | 22.71   |
| 5                                       | 1       | 12        |        | 22.85  | 22.87  | 22.75   |
| 5                                       | 1       | 24        |        | 22.91  | 22.79  | 22.67   |
| 5                                       | 12      | 0         |        | 21.76  | 21.78  | 21.68   |
| 5                                       | 12      | 7         |        | 21.77  | 21.81  | 21.68   |
| 5                                       | 12      | 13        |        | 21.91  | 21.76  | 21.65   |
| 5                                       | 25      | 0         |        | 21.86  | 21.73  | 21.63   |
| 3                                       | 1       | 0         | QPSK   | 24.60  | 24.59  | 24.44   |
| 3                                       | 1       | 8         |        | 24.60  | 24.57  | 24.43   |
| 3                                       | 1       | 14        |        | 24.59  | 24.54  | 24.42   |
| 3                                       | 8       | 0         |        | 23.60  | 23.66  | 23.50   |
| 3                                       | 8       | 4         |        | 23.62  | 23.70  | 23.54   |
| 3                                       | 8       | 7         |        | 23.58  | 23.63  | 23.52   |
| 3                                       | 15      | 0         |        | 23.59  | 23.66  | 23.49   |
| 3                                       | 1       | 0         | 16-QAM | 23.94  | 23.94  | 23.78   |
| 3                                       | 1       | 8         |        | 23.95  | 23.93  | 23.81   |
| 3                                       | 1       | 14        |        | 23.93  | 23.89  | 23.69   |
| 3                                       | 8       | 0         |        | 22.74  | 22.81  | 22.63   |
| 3                                       | 8       | 4         |        | 22.77  | 22.79  | 22.65   |
| 3                                       | 8       | 7         |        | 22.71  | 22.76  | 22.62   |
| 3                                       | 15      | 0         |        | 22.70  | 22.77  | 22.61   |
| 3                                       | 1       | 0         | 64-QAM | 22.87  | 22.82  | 22.68   |
| 3                                       | 1       | 8         |        | 22.82  | 22.83  | 22.71   |
| 3                                       | 1       | 14        |        | 22.86  | 22.81  | 22.66   |
| 3                                       | 8       | 0         |        | 21.75  | 21.80  | 21.63   |
| 3                                       | 8       | 4         |        | 21.79  | 21.79  | 21.66   |
| 3                                       | 8       | 7         |        | 21.72  | 21.76  | 21.64   |
| 3                                       | 15      | 0         |        | 21.71  | 21.74  | 21.61   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                     | 1       | 0         | QPSK   | 24.56  | 24.54  | 24.36   |
| 1.4                                     | 1       | 3         |        | 24.61  | 24.59  | 24.46   |
| 1.4                                     | 1       | 5         |        | 24.54  | 24.51  | 24.34   |
| 1.4                                     | 3       | 0         |        | 24.59  | 24.54  | 24.40   |
| 1.4                                     | 3       | 1         |        | 24.61  | 24.60  | 24.44   |
| 1.4                                     | 3       | 3         |        | 24.56  | 24.54  | 24.42   |
| 1.4                                     | 6       | 0         |        | 23.56  | 23.58  | 23.42   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.88  | 23.87  | 23.73   |
| 1.4                                     | 1       | 3         |        | 23.97  | 23.96  | 23.78   |
| 1.4                                     | 1       | 5         |        | 23.87  | 23.88  | 23.72   |
| 1.4                                     | 3       | 0         |        | 23.67  | 23.63  | 23.52   |
| 1.4                                     | 3       | 1         |        | 23.71  | 23.68  | 23.52   |
| 1.4                                     | 3       | 3         |        | 23.63  | 23.64  | 23.48   |
| 1.4                                     | 6       | 0         |        | 22.72  | 22.74  | 22.58   |
| 1.4                                     | 1       | 0         | 64-QAM | 22.77  | 22.79  | 22.64   |
| 1.4                                     | 1       | 3         |        | 22.86  | 22.85  | 22.71   |
| 1.4                                     | 1       | 5         |        | 22.79  | 22.76  | 22.61   |
| 1.4                                     | 3       | 0         |        | 22.84  | 22.79  | 22.63   |
| 1.4                                     | 3       | 1         |        | 22.83  | 22.80  | 22.64   |
| 1.4                                     | 3       | 3         |        | 22.80  | 22.77  | 22.61   |
| 1.4                                     | 6       | 0         |        | 21.65  | 21.66  | 21.52   |



| LTE Band 38 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 24.22  | 24.23  | 24.23   |
| 20                                      | 1       | 49        |        | 24.19  | 24.19  | 24.26   |
| 20                                      | 1       | 99        |        | 24.25  | 24.27  | 24.34   |
| 20                                      | 50      | 0         |        | 23.29  | 23.27  | 23.26   |
| 20                                      | 50      | 24        |        | 23.28  | 23.31  | 23.31   |
| 20                                      | 50      | 50        |        | 23.27  | 23.32  | 23.35   |
| 20                                      | 100     | 0         |        | 23.30  | 23.29  | 23.29   |
| 20                                      | 1       | 0         | 16-QAM | 23.34  | 23.35  | 23.35   |
| 20                                      | 1       | 49        |        | 23.30  | 23.32  | 23.39   |
| 20                                      | 1       | 99        |        | 23.36  | 23.36  | 23.43   |
| 20                                      | 50      | 0         |        | 22.37  | 22.36  | 22.38   |
| 20                                      | 50      | 24        |        | 22.37  | 22.40  | 22.37   |
| 20                                      | 50      | 50        |        | 22.37  | 22.40  | 22.47   |
| 20                                      | 100     | 0         |        | 22.37  | 22.38  | 22.35   |
| 20                                      | 1       | 0         | 64-QAM | 22.06  | 22.08  | 22.08   |
| 20                                      | 1       | 49        |        | 22.05  | 22.05  | 22.13   |
| 20                                      | 1       | 99        |        | 22.08  | 22.09  | 22.18   |
| 20                                      | 50      | 0         |        | 21.34  | 21.35  | 21.34   |
| 20                                      | 50      | 24        |        | 21.35  | 21.36  | 21.34   |
| 20                                      | 50      | 50        |        | 21.36  | 21.35  | 21.46   |
| 20                                      | 100     | 0         |        | 21.34  | 21.38  | 21.37   |
| 15                                      | 1       | 0         | QPSK   | 24.29  | 24.27  | 24.27   |
| 15                                      | 1       | 37        |        | 24.22  | 24.22  | 24.29   |
| 15                                      | 1       | 74        |        | 24.33  | 24.30  | 24.38   |
| 15                                      | 36      | 0         |        | 23.29  | 23.27  | 23.29   |
| 15                                      | 36      | 20        |        | 23.27  | 23.30  | 23.40   |
| 15                                      | 36      | 39        |        | 23.28  | 23.25  | 23.36   |
| 15                                      | 75      | 0         |        | 23.29  | 23.30  | 23.29   |
| 15                                      | 1       | 0         | 16-QAM | 23.32  | 23.36  | 23.37   |
| 15                                      | 1       | 37        |        | 23.34  | 23.32  | 23.41   |
| 15                                      | 1       | 74        |        | 23.42  | 23.42  | 23.51   |
| 15                                      | 36      | 0         |        | 22.29  | 22.33  | 22.31   |
| 15                                      | 36      | 20        |        | 22.35  | 22.35  | 22.43   |
| 15                                      | 36      | 39        |        | 22.31  | 22.30  | 22.41   |
| 15                                      | 75      | 0         |        | 22.35  | 22.36  | 22.37   |
| 15                                      | 1       | 0         | 64-QAM | 22.09  | 22.11  | 22.10   |
| 15                                      | 1       | 37        |        | 22.06  | 22.07  | 22.16   |
| 15                                      | 1       | 74        |        | 22.16  | 22.15  | 22.25   |
| 15                                      | 36      | 0         |        | 21.33  | 21.34  | 21.32   |
| 15                                      | 36      | 20        |        | 21.34  | 21.36  | 21.44   |
| 15                                      | 36      | 39        |        | 21.34  | 21.34  | 21.42   |
| 15                                      | 75      | 0         |        | 21.36  | 21.35  | 21.37   |



| LTE Band 38 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.22  | 24.24  | 24.28   |
| 10                                      | 1       | 25        |        | 24.23  | 24.23  | 24.31   |
| 10                                      | 1       | 49        |        | 24.27  | 24.27  | 24.35   |
| 10                                      | 25      | 0         |        | 23.28  | 23.23  | 23.34   |
| 10                                      | 25      | 12        |        | 23.30  | 23.29  | 23.33   |
| 10                                      | 25      | 25        |        | 23.25  | 23.27  | 23.38   |
| 10                                      | 50      | 0         |        | 23.31  | 23.29  | 23.37   |
| 10                                      | 1       | 0         | 16-QAM | 23.32  | 23.40  | 23.45   |
| 10                                      | 1       | 25        |        | 23.34  | 23.36  | 23.45   |
| 10                                      | 1       | 49        |        | 23.37  | 23.39  | 23.46   |
| 10                                      | 25      | 0         |        | 22.35  | 22.33  | 22.42   |
| 10                                      | 25      | 12        |        | 22.36  | 22.37  | 22.48   |
| 10                                      | 25      | 25        |        | 22.37  | 22.38  | 22.44   |
| 10                                      | 50      | 0         |        | 22.35  | 22.40  | 22.48   |
| 10                                      | 1       | 0         | 64-QAM | 22.09  | 22.12  | 22.19   |
| 10                                      | 1       | 25        |        | 22.09  | 22.11  | 22.18   |
| 10                                      | 1       | 49        |        | 22.11  | 22.14  | 22.18   |
| 10                                      | 25      | 0         |        | 21.36  | 21.37  | 21.46   |
| 10                                      | 25      | 12        |        | 21.37  | 21.39  | 21.48   |
| 10                                      | 25      | 25        |        | 21.40  | 21.40  | 21.48   |
| 10                                      | 50      | 0         |        | 21.36  | 21.36  | 21.45   |
| 5                                       | 1       | 0         | QPSK   | 24.21  | 24.20  | 24.28   |
| 5                                       | 1       | 12        |        | 24.23  | 24.22  | 24.29   |
| 5                                       | 1       | 24        |        | 24.20  | 24.19  | 24.28   |
| 5                                       | 12      | 0         |        | 23.24  | 23.28  | 23.35   |
| 5                                       | 12      | 7         |        | 23.27  | 23.26  | 23.36   |
| 5                                       | 12      | 13        |        | 23.27  | 23.26  | 23.39   |
| 5                                       | 25      | 0         |        | 23.26  | 23.22  | 23.35   |
| 5                                       | 1       | 0         | 16-QAM | 23.26  | 23.33  | 23.39   |
| 5                                       | 1       | 12        |        | 23.36  | 23.34  | 23.44   |
| 5                                       | 1       | 24        |        | 23.37  | 23.36  | 23.46   |
| 5                                       | 12      | 0         |        | 22.30  | 22.30  | 22.39   |
| 5                                       | 12      | 7         |        | 22.32  | 22.31  | 22.43   |
| 5                                       | 12      | 13        |        | 22.31  | 22.34  | 22.41   |
| 5                                       | 25      | 0         |        | 22.33  | 22.36  | 22.46   |
| 5                                       | 1       | 0         | 64-QAM | 22.02  | 22.05  | 22.15   |
| 5                                       | 1       | 12        |        | 22.08  | 22.09  | 22.19   |
| 5                                       | 1       | 24        |        | 22.11  | 22.13  | 22.21   |
| 5                                       | 12      | 0         |        | 21.34  | 21.33  | 21.42   |
| 5                                       | 12      | 7         |        | 21.38  | 21.38  | 21.45   |
| 5                                       | 12      | 13        |        | 21.33  | 21.33  | 21.43   |
| 5                                       | 25      | 0         |        | 21.36  | 21.38  | 21.46   |



| LTE Band 41 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 24.40  | 24.37  | 24.45   |
| 20                                      | 1       | 49        |        | 24.26  | 24.22  | 24.63   |
| 20                                      | 1       | 99        |        | 24.23  | 24.34  | 24.28   |
| 20                                      | 50      | 0         |        | 23.39  | 23.36  | 23.68   |
| 20                                      | 50      | 24        |        | 23.36  | 23.31  | 23.64   |
| 20                                      | 50      | 50        |        | 23.31  | 23.30  | 23.66   |
| 20                                      | 100     | 0         |        | 23.36  | 23.32  | 23.64   |
| 20                                      | 1       | 0         | 16-QAM | 23.55  | 23.51  | 23.82   |
| 20                                      | 1       | 49        |        | 23.37  | 23.36  | 23.76   |
| 20                                      | 1       | 99        |        | 23.33  | 23.48  | 23.66   |
| 20                                      | 50      | 0         |        | 22.49  | 22.45  | 22.77   |
| 20                                      | 50      | 24        |        | 22.43  | 22.43  | 22.71   |
| 20                                      | 50      | 50        |        | 22.40  | 22.39  | 22.75   |
| 20                                      | 100     | 0         |        | 22.42  | 22.41  | 22.69   |
| 20                                      | 1       | 0         | 64-QAM | 22.25  | 22.24  | 22.59   |
| 20                                      | 1       | 49        |        | 22.11  | 22.08  | 22.50   |
| 20                                      | 1       | 99        |        | 22.07  | 22.20  | 22.41   |
| 20                                      | 50      | 0         |        | 21.45  | 21.44  | 21.77   |
| 20                                      | 50      | 24        |        | 21.41  | 21.40  | 21.71   |
| 20                                      | 50      | 50        |        | 21.38  | 21.36  | 21.76   |
| 20                                      | 100     | 0         |        | 21.42  | 21.41  | 21.70   |
| 15                                      | 1       | 0         | QPSK   | 24.41  | 24.37  | 24.60   |
| 15                                      | 1       | 37        |        | 24.27  | 24.25  | 24.59   |
| 15                                      | 1       | 74        |        | 24.27  | 24.41  | 24.58   |
| 15                                      | 36      | 0         |        | 23.39  | 23.33  | 23.65   |
| 15                                      | 36      | 20        |        | 23.35  | 23.33  | 23.70   |
| 15                                      | 36      | 39        |        | 23.27  | 23.28  | 23.67   |
| 15                                      | 75      | 0         |        | 23.34  | 23.31  | 23.62   |
| 15                                      | 1       | 0         | 16-QAM | 23.51  | 23.47  | 23.78   |
| 15                                      | 1       | 37        |        | 23.40  | 23.35  | 23.76   |
| 15                                      | 1       | 74        |        | 23.39  | 23.49  | 23.67   |
| 15                                      | 36      | 0         |        | 22.38  | 22.36  | 22.69   |
| 15                                      | 36      | 20        |        | 22.38  | 22.36  | 22.74   |
| 15                                      | 36      | 39        |        | 22.38  | 22.33  | 22.68   |
| 15                                      | 75      | 0         |        | 22.44  | 22.38  | 22.67   |
| 15                                      | 1       | 0         | 64-QAM | 22.24  | 22.21  | 22.54   |
| 15                                      | 1       | 37        |        | 22.12  | 22.09  | 22.51   |
| 15                                      | 1       | 74        |        | 22.12  | 22.22  | 22.45   |
| 15                                      | 36      | 0         |        | 21.45  | 21.38  | 21.71   |
| 15                                      | 36      | 20        |        | 21.40  | 21.38  | 21.79   |
| 15                                      | 36      | 39        |        | 21.39  | 21.34  | 21.71   |
| 15                                      | 75      | 0         |        | 21.42  | 21.38  | 21.69   |



| LTE Band 41 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.32  | 24.32  | 24.60   |
| 10                                      | 1       | 25        |        | 24.26  | 24.27  | 24.59   |
| 10                                      | 1       | 49        |        | 24.26  | 24.39  | 24.62   |
| 10                                      | 25      | 0         |        | 23.33  | 23.33  | 23.76   |
| 10                                      | 25      | 12        |        | 23.34  | 23.35  | 23.73   |
| 10                                      | 25      | 25        |        | 23.29  | 23.27  | 23.65   |
| 10                                      | 50      | 0         |        | 23.34  | 23.32  | 23.73   |
| 10                                      | 1       | 0         | 16-QAM | 23.47  | 23.47  | 23.86   |
| 10                                      | 1       | 25        |        | 23.39  | 23.39  | 23.73   |
| 10                                      | 1       | 49        |        | 23.34  | 23.47  | 23.72   |
| 10                                      | 25      | 0         |        | 22.45  | 22.41  | 22.85   |
| 10                                      | 25      | 12        |        | 22.45  | 22.42  | 22.80   |
| 10                                      | 25      | 25        |        | 22.40  | 22.41  | 22.74   |
| 10                                      | 50      | 0         |        | 22.43  | 22.38  | 22.81   |
| 10                                      | 1       | 0         | 64-QAM | 22.22  | 22.18  | 22.62   |
| 10                                      | 1       | 25        |        | 22.14  | 22.13  | 22.50   |
| 10                                      | 1       | 49        |        | 22.12  | 22.21  | 22.46   |
| 10                                      | 25      | 0         |        | 21.44  | 21.46  | 21.86   |
| 10                                      | 25      | 12        |        | 21.46  | 21.46  | 21.85   |
| 10                                      | 25      | 25        |        | 21.44  | 21.39  | 21.78   |
| 10                                      | 50      | 0         |        | 21.42  | 21.40  | 21.80   |
| 5                                       | 1       | 0         | QPSK   | 24.27  | 24.26  | 24.60   |
| 5                                       | 1       | 12        |        | 24.29  | 24.27  | 24.60   |
| 5                                       | 1       | 24        |        | 24.19  | 24.19  | 24.54   |
| 5                                       | 12      | 0         |        | 23.33  | 23.31  | 23.68   |
| 5                                       | 12      | 7         |        | 23.37  | 23.32  | 23.69   |
| 5                                       | 12      | 13        |        | 23.31  | 23.27  | 23.68   |
| 5                                       | 25      | 0         |        | 23.34  | 23.30  | 23.69   |
| 5                                       | 1       | 0         | 16-QAM | 23.36  | 23.38  | 23.75   |
| 5                                       | 1       | 12        |        | 23.42  | 23.40  | 23.75   |
| 5                                       | 1       | 24        |        | 23.39  | 23.34  | 23.70   |
| 5                                       | 12      | 0         |        | 22.35  | 22.34  | 22.71   |
| 5                                       | 12      | 7         |        | 22.38  | 22.38  | 22.71   |
| 5                                       | 12      | 13        |        | 22.34  | 22.32  | 22.68   |
| 5                                       | 25      | 0         |        | 22.42  | 22.42  | 22.79   |
| 5                                       | 1       | 0         | 64-QAM | 22.14  | 22.14  | 22.50   |
| 5                                       | 1       | 12        |        | 22.16  | 22.15  | 22.52   |
| 5                                       | 1       | 24        |        | 22.11  | 22.14  | 22.47   |
| 5                                       | 12      | 0         |        | 21.43  | 21.38  | 21.79   |
| 5                                       | 12      | 7         |        | 21.42  | 21.42  | 21.78   |
| 5                                       | 12      | 13        |        | 21.41  | 21.38  | 21.75   |
| 5                                       | 25      | 0         |        | 21.45  | 21.42  | 21.79   |



| LTE Band 41(HPUE) Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                      | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                            | 1       | 0         | QPSK   | 25.37  | 25.27  | 24.88   |
| 20                                            | 1       | 49        |        | 25.65  | 25.59  | 25.88   |
| 20                                            | 1       | 99        |        | 25.60  | 25.27  | 24.97   |
| 20                                            | 50      | 0         |        | 24.74  | 24.57  | 24.52   |
| 20                                            | 50      | 24        |        | 24.79  | 24.59  | 24.54   |
| 20                                            | 50      | 50        |        | 24.75  | 24.44  | 24.33   |
| 20                                            | 100     | 0         |        | 24.51  | 24.21  | 24.04   |
| 20                                            | 1       | 0         | 16-QAM | 24.82  | 24.87  | 24.45   |
| 20                                            | 1       | 49        |        | 24.74  | 24.48  | 25.28   |
| 20                                            | 1       | 99        |        | 24.90  | 24.51  | 25.02   |
| 20                                            | 50      | 0         |        | 23.91  | 23.86  | 24.16   |
| 20                                            | 50      | 24        |        | 23.87  | 23.74  | 23.94   |
| 20                                            | 50      | 50        |        | 23.83  | 23.54  | 23.51   |
| 20                                            | 100     | 0         |        | 23.86  | 23.43  | 23.38   |
| 20                                            | 1       | 0         | 64-QAM | 23.87  | 23.85  | 23.57   |
| 20                                            | 1       | 49        |        | 23.81  | 23.75  | 24.18   |
| 20                                            | 1       | 99        |        | 23.84  | 23.78  | 23.64   |
| 20                                            | 50      | 0         |        | 22.91  | 22.73  | 22.87   |
| 20                                            | 50      | 24        |        | 22.83  | 22.61  | 22.68   |
| 20                                            | 50      | 50        |        | 22.78  | 22.61  | 22.52   |
| 20                                            | 100     | 0         |        | 22.81  | 22.51  | 22.45   |
| 15                                            | 1       | 0         | QPSK   | 25.48  | 25.31  | 25.50   |
| 15                                            | 1       | 37        |        | 25.69  | 25.61  | 25.72   |
| 15                                            | 1       | 74        |        | 25.69  | 25.32  | 25.47   |
| 15                                            | 36      | 0         |        | 24.55  | 24.41  | 24.38   |
| 15                                            | 36      | 20        |        | 24.73  | 24.54  | 24.41   |
| 15                                            | 36      | 39        |        | 24.69  | 24.39  | 24.30   |
| 15                                            | 75      | 0         |        | 24.64  | 24.32  | 24.27   |
| 15                                            | 1       | 0         | 16-QAM | 24.93  | 24.89  | 25.11   |
| 15                                            | 1       | 37        |        | 24.88  | 24.84  | 25.27   |
| 15                                            | 1       | 74        |        | 24.92  | 24.94  | 25.18   |
| 15                                            | 36      | 0         |        | 23.78  | 23.74  | 23.74   |
| 15                                            | 36      | 20        |        | 23.78  | 23.61  | 23.75   |
| 15                                            | 36      | 39        |        | 23.74  | 23.51  | 23.64   |
| 15                                            | 75      | 0         |        | 23.81  | 23.56  | 23.59   |
| 15                                            | 1       | 0         | 64-QAM | 23.91  | 23.84  | 23.86   |
| 15                                            | 1       | 37        |        | 23.82  | 23.69  | 24.16   |
| 15                                            | 1       | 74        |        | 23.81  | 23.76  | 23.79   |
| 15                                            | 36      | 0         |        | 22.83  | 22.68  | 22.67   |
| 15                                            | 36      | 20        |        | 22.81  | 22.59  | 22.54   |
| 15                                            | 36      | 39        |        | 22.75  | 22.55  | 22.35   |
| 15                                            | 75      | 0         |        | 22.80  | 22.51  | 22.37   |



| LTE Band 41(HPUE) Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                      | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                            | 1       | 0         | QPSK   | 25.50  | 25.25  | 24.94   |
| 10                                            | 1       | 25        |        | 25.61  | 25.00  | 24.32   |
| 10                                            | 1       | 49        |        | 25.57  | 25.19  | 24.86   |
| 10                                            | 25      | 0         |        | 24.52  | 24.31  | 24.04   |
| 10                                            | 25      | 12        |        | 24.70  | 24.37  | 24.14   |
| 10                                            | 25      | 25        |        | 24.70  | 24.40  | 24.10   |
| 10                                            | 50      | 0         |        | 24.33  | 24.15  | 24.08   |
| 10                                            | 1       | 0         | 16-QAM | 24.91  | 24.77  | 24.64   |
| 10                                            | 1       | 25        |        | 24.90  | 24.75  | 24.69   |
| 10                                            | 1       | 49        |        | 24.83  | 24.72  | 24.60   |
| 10                                            | 25      | 0         |        | 23.85  | 23.72  | 23.60   |
| 10                                            | 25      | 12        |        | 23.81  | 23.71  | 23.69   |
| 10                                            | 25      | 25        |        | 23.81  | 23.57  | 23.58   |
| 10                                            | 50      | 0         |        | 23.64  | 23.42  | 23.40   |
| 10                                            | 1       | 0         | 64-QAM | 23.84  | 23.74  | 23.77   |
| 10                                            | 1       | 25        |        | 23.81  | 23.72  | 23.68   |
| 10                                            | 1       | 49        |        | 23.80  | 23.76  | 23.84   |
| 10                                            | 25      | 0         |        | 22.90  | 22.66  | 22.48   |
| 10                                            | 25      | 12        |        | 22.89  | 22.66  | 22.54   |
| 10                                            | 25      | 25        |        | 22.81  | 22.57  | 22.25   |
| 10                                            | 50      | 0         |        | 22.66  | 22.49  | 22.19   |
| 5                                             | 1       | 0         | QPSK   | 25.54  | 25.43  | 25.27   |
| 5                                             | 1       | 12        |        | 25.48  | 25.24  | 25.04   |
| 5                                             | 1       | 24        |        | 25.54  | 25.15  | 24.85   |
| 5                                             | 12      | 0         |        | 24.51  | 24.25  | 24.04   |
| 5                                             | 12      | 7         |        | 24.51  | 24.30  | 24.02   |
| 5                                             | 12      | 13        |        | 24.55  | 24.27  | 24.07   |
| 5                                             | 25      | 0         |        | 24.55  | 24.29  | 24.02   |
| 5                                             | 1       | 0         | 16-QAM | 24.85  | 24.71  | 24.69   |
| 5                                             | 1       | 12        |        | 24.83  | 24.60  | 24.59   |
| 5                                             | 1       | 24        |        | 24.84  | 24.70  | 24.78   |
| 5                                             | 12      | 0         |        | 23.83  | 23.63  | 23.63   |
| 5                                             | 12      | 7         |        | 23.83  | 23.61  | 23.62   |
| 5                                             | 12      | 13        |        | 23.81  | 23.59  | 23.67   |
| 5                                             | 25      | 0         |        | 23.80  | 23.64  | 23.66   |
| 5                                             | 1       | 0         | 64-QAM | 23.80  | 23.73  | 23.79   |
| 5                                             | 1       | 12        |        | 23.85  | 23.78  | 23.97   |
| 5                                             | 1       | 24        |        | 23.78  | 23.72  | 23.99   |
| 5                                             | 12      | 0         |        | 22.82  | 22.79  | 22.90   |
| 5                                             | 12      | 7         |        | 22.82  | 22.77  | 22.82   |
| 5                                             | 12      | 13        |        | 22.80  | 22.69  | 22.69   |
| 5                                             | 25      | 0         |        | 22.83  | 22.66  | 22.68   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 25.10  | 25.04  | 24.93   |
| 20                                      | 1       | 49        |        | 25.06  | 25.02  | 24.42   |
| 20                                      | 1       | 99        |        | 25.00  | 24.97  | 24.41   |
| 20                                      | 50      | 0         |        | 23.97  | 23.94  | 23.82   |
| 20                                      | 50      | 24        |        | 23.92  | 23.92  | 23.49   |
| 20                                      | 50      | 50        |        | 24.02  | 23.96  | 23.39   |
| 20                                      | 100     | 0         |        | 24.07  | 24.04  | 23.53   |
| 20                                      | 1       | 0         | 16-QAM | 24.43  | 24.34  | 24.23   |
| 20                                      | 1       | 49        |        | 24.37  | 24.38  | 23.62   |
| 20                                      | 1       | 99        |        | 24.27  | 24.29  | 23.71   |
| 20                                      | 50      | 0         |        | 23.07  | 23.04  | 22.90   |
| 20                                      | 50      | 24        |        | 23.02  | 22.98  | 22.59   |
| 20                                      | 50      | 50        |        | 23.10  | 23.07  | 22.49   |
| 20                                      | 100     | 0         |        | 23.11  | 23.09  | 22.60   |
| 20                                      | 1       | 0         | 64-QAM | 23.32  | 23.28  | 23.13   |
| 20                                      | 1       | 49        |        | 23.30  | 23.30  | 22.58   |
| 20                                      | 1       | 99        |        | 23.23  | 23.20  | 22.66   |
| 20                                      | 50      | 0         |        | 22.08  | 22.02  | 21.88   |
| 20                                      | 50      | 24        |        | 22.05  | 22.00  | 21.56   |
| 20                                      | 50      | 50        |        | 22.13  | 22.05  | 21.45   |
| 20                                      | 100     | 0         |        | 22.13  | 22.08  | 21.62   |
| 15                                      | 1       | 0         | QPSK   | 25.09  | 25.01  | 24.64   |
| 15                                      | 1       | 37        |        | 25.08  | 25.06  | 24.29   |
| 15                                      | 1       | 74        |        | 24.99  | 25.00  | 24.46   |
| 15                                      | 36      | 0         |        | 23.98  | 23.91  | 23.49   |
| 15                                      | 36      | 20        |        | 24.04  | 24.00  | 23.41   |
| 15                                      | 36      | 39        |        | 23.95  | 23.95  | 23.43   |
| 15                                      | 75      | 0         |        | 23.95  | 23.98  | 23.43   |
| 15                                      | 1       | 0         | 16-QAM | 24.44  | 24.35  | 24.00   |
| 15                                      | 1       | 37        |        | 24.43  | 24.42  | 23.52   |
| 15                                      | 1       | 74        |        | 24.27  | 24.36  | 23.77   |
| 15                                      | 36      | 0         |        | 23.02  | 22.98  | 22.61   |
| 15                                      | 36      | 20        |        | 23.09  | 23.04  | 22.49   |
| 15                                      | 36      | 39        |        | 22.98  | 23.01  | 22.51   |
| 15                                      | 75      | 0         |        | 23.02  | 23.05  | 22.51   |
| 15                                      | 1       | 0         | 64-QAM | 23.37  | 23.24  | 22.96   |
| 15                                      | 1       | 37        |        | 23.35  | 23.26  | 22.49   |
| 15                                      | 1       | 74        |        | 23.19  | 23.23  | 22.68   |
| 15                                      | 36      | 0         |        | 22.08  | 21.99  | 21.64   |
| 15                                      | 36      | 20        |        | 22.14  | 22.07  | 21.51   |
| 15                                      | 36      | 39        |        | 22.01  | 22.03  | 21.50   |
| 15                                      | 75      | 0         |        | 22.03  | 22.04  | 21.48   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 25.08  | 25.00  | 24.31   |
| 10                                      | 1       | 25        |        | 25.07  | 24.98  | 24.20   |
| 10                                      | 1       | 49        |        | 24.98  | 24.89  | 24.49   |
| 10                                      | 25      | 0         |        | 24.01  | 23.98  | 23.36   |
| 10                                      | 25      | 12        |        | 24.02  | 23.95  | 23.38   |
| 10                                      | 25      | 25        |        | 24.01  | 23.87  | 23.42   |
| 10                                      | 50      | 0         |        | 24.04  | 23.90  | 23.31   |
| 10                                      | 1       | 0         | 16-QAM | 24.44  | 24.32  | 23.62   |
| 10                                      | 1       | 25        |        | 24.42  | 24.32  | 23.55   |
| 10                                      | 1       | 49        |        | 24.29  | 24.21  | 23.80   |
| 10                                      | 25      | 0         |        | 23.10  | 23.02  | 22.45   |
| 10                                      | 25      | 12        |        | 23.09  | 23.00  | 22.48   |
| 10                                      | 25      | 25        |        | 23.08  | 22.98  | 22.51   |
| 10                                      | 50      | 0         |        | 23.09  | 23.01  | 22.43   |
| 10                                      | 1       | 0         | 64-QAM | 23.34  | 23.24  | 22.61   |
| 10                                      | 1       | 25        |        | 23.30  | 23.22  | 22.53   |
| 10                                      | 1       | 49        |        | 23.19  | 23.13  | 22.73   |
| 10                                      | 25      | 0         |        | 22.14  | 22.04  | 21.46   |
| 10                                      | 25      | 12        |        | 22.11  | 22.00  | 21.46   |
| 10                                      | 25      | 25        |        | 22.06  | 21.99  | 21.50   |
| 10                                      | 50      | 0         |        | 22.09  | 22.03  | 21.43   |
| 5                                       | 1       | 0         | QPSK   | 24.95  | 24.84  | 24.30   |
| 5                                       | 1       | 12        |        | 25.09  | 25.01  | 24.34   |
| 5                                       | 1       | 24        |        | 24.89  | 24.78  | 24.51   |
| 5                                       | 12      | 0         |        | 24.00  | 23.94  | 23.42   |
| 5                                       | 12      | 7         |        | 24.09  | 23.99  | 23.48   |
| 5                                       | 12      | 13        |        | 24.02  | 23.91  | 23.52   |
| 5                                       | 25      | 0         |        | 24.02  | 23.89  | 23.45   |
| 5                                       | 1       | 0         | 16-QAM | 24.29  | 24.19  | 23.59   |
| 5                                       | 1       | 12        |        | 24.42  | 24.33  | 23.66   |
| 5                                       | 1       | 24        |        | 24.23  | 24.10  | 23.80   |
| 5                                       | 12      | 0         |        | 23.11  | 22.98  | 22.50   |
| 5                                       | 12      | 7         |        | 23.19  | 23.05  | 22.56   |
| 5                                       | 12      | 13        |        | 23.07  | 22.96  | 22.61   |
| 5                                       | 25      | 0         |        | 23.10  | 23.00  | 22.54   |
| 5                                       | 1       | 0         | 64-QAM | 23.20  | 23.08  | 22.54   |
| 5                                       | 1       | 12        |        | 23.31  | 23.22  | 22.58   |
| 5                                       | 1       | 24        |        | 23.10  | 23.00  | 22.73   |
| 5                                       | 12      | 0         |        | 22.15  | 22.03  | 21.52   |
| 5                                       | 12      | 7         |        | 22.22  | 22.11  | 21.62   |
| 5                                       | 12      | 13        |        | 22.11  | 22.00  | 21.67   |
| 5                                       | 25      | 0         |        | 22.11  | 21.99  | 21.53   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 3                                       | 1       | 0         | QPSK   | 24.98  | 24.86  | 24.36   |
| 3                                       | 1       | 8         |        | 25.09  | 24.98  | 24.42   |
| 3                                       | 1       | 14        |        | 24.96  | 24.84  | 24.55   |
| 3                                       | 8       | 0         |        | 24.05  | 23.96  | 23.49   |
| 3                                       | 8       | 4         |        | 24.11  | 24.03  | 23.52   |
| 3                                       | 8       | 7         |        | 24.05  | 23.94  | 23.54   |
| 3                                       | 15      | 0         |        | 24.06  | 23.92  | 23.52   |
| 3                                       | 1       | 0         | 16-QAM | 24.30  | 24.19  | 23.66   |
| 3                                       | 1       | 8         |        | 24.41  | 24.32  | 23.71   |
| 3                                       | 1       | 14        |        | 24.26  | 24.18  | 23.82   |
| 3                                       | 8       | 0         |        | 23.15  | 23.08  | 22.61   |
| 3                                       | 8       | 4         |        | 23.23  | 23.13  | 22.65   |
| 3                                       | 8       | 7         |        | 23.16  | 23.06  | 22.67   |
| 3                                       | 15      | 0         |        | 23.16  | 23.02  | 22.63   |
| 3                                       | 1       | 0         | 64-QAM | 23.21  | 23.12  | 22.62   |
| 3                                       | 1       | 8         |        | 23.33  | 23.20  | 22.69   |
| 3                                       | 1       | 14        |        | 23.18  | 23.07  | 22.81   |
| 3                                       | 8       | 0         |        | 22.18  | 22.06  | 21.57   |
| 3                                       | 8       | 4         |        | 22.22  | 22.11  | 21.62   |
| 3                                       | 8       | 7         |        | 22.16  | 22.05  | 21.64   |
| 3                                       | 15      | 0         |        | 22.14  | 22.02  | 21.57   |
| 1.4                                     | 1       | 0         | QPSK   | 25.02  | 24.89  | 24.41   |
| 1.4                                     | 1       | 3         |        | 25.08  | 24.99  | 24.53   |
| 1.4                                     | 1       | 5         |        | 24.97  | 24.89  | 24.46   |
| 1.4                                     | 3       | 0         |        | 25.06  | 24.95  | 24.46   |
| 1.4                                     | 3       | 1         |        | 25.09  | 24.99  | 24.49   |
| 1.4                                     | 3       | 3         |        | 25.07  | 24.96  | 24.49   |
| 1.4                                     | 6       | 0         |        | 24.04  | 23.95  | 23.48   |
| 1.4                                     | 1       | 0         | 16-QAM | 24.35  | 24.22  | 23.69   |
| 1.4                                     | 1       | 3         |        | 24.43  | 24.35  | 23.80   |
| 1.4                                     | 1       | 5         |        | 24.32  | 24.20  | 23.74   |
| 1.4                                     | 3       | 0         |        | 24.16  | 24.05  | 23.50   |
| 1.4                                     | 3       | 1         |        | 24.19  | 24.08  | 23.58   |
| 1.4                                     | 3       | 3         |        | 24.12  | 24.04  | 23.54   |
| 1.4                                     | 6       | 0         |        | 23.18  | 23.08  | 22.66   |
| 1.4                                     | 1       | 0         | 64-QAM | 23.27  | 23.13  | 22.65   |
| 1.4                                     | 1       | 3         |        | 23.34  | 23.25  | 22.68   |
| 1.4                                     | 1       | 5         |        | 23.25  | 23.13  | 22.67   |
| 1.4                                     | 3       | 0         |        | 23.25  | 23.14  | 22.67   |
| 1.4                                     | 3       | 1         |        | 23.31  | 23.19  | 22.76   |
| 1.4                                     | 3       | 3         |        | 23.24  | 23.15  | 22.70   |
| 1.4                                     | 6       | 0         |        | 22.12  | 22.01  | 21.57   |



| LTE Band 71 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                      | 1       | 0         | QPSK   | 24.48  | 24.43  | 24.41   |
| 20                                      | 1       | 49        |        | 24.41  | 24.33  | 24.35   |
| 20                                      | 1       | 99        |        | 24.38  | 24.43  | 24.44   |
| 20                                      | 50      | 0         |        | 23.52  | 23.48  | 23.37   |
| 20                                      | 50      | 24        |        | 23.57  | 23.41  | 23.45   |
| 20                                      | 50      | 50        |        | 23.50  | 23.41  | 23.50   |
| 20                                      | 100     | 0         |        | 23.55  | 23.40  | 23.40   |
| 20                                      | 1       | 0         | 16-QAM | 23.76  | 23.77  | 23.76   |
| 20                                      | 1       | 49        |        | 23.72  | 23.62  | 23.68   |
| 20                                      | 1       | 99        |        | 23.70  | 23.75  | 23.79   |
| 20                                      | 50      | 0         |        | 22.60  | 22.54  | 22.48   |
| 20                                      | 50      | 24        |        | 22.64  | 22.47  | 22.53   |
| 20                                      | 50      | 50        |        | 22.56  | 22.50  | 22.59   |
| 20                                      | 100     | 0         |        | 22.62  | 22.47  | 22.49   |
| 20                                      | 1       | 0         | 64-QAM | 22.68  | 22.66  | 22.66   |
| 20                                      | 1       | 49        |        | 22.64  | 22.66  | 22.66   |
| 20                                      | 1       | 99        |        | 22.63  | 22.70  | 22.74   |
| 20                                      | 50      | 0         |        | 21.61  | 21.57  | 21.47   |
| 20                                      | 50      | 24        |        | 21.65  | 21.51  | 21.55   |
| 20                                      | 50      | 50        |        | 21.58  | 21.54  | 21.59   |
| 20                                      | 100     | 0         |        | 21.64  | 21.49  | 21.53   |
| 15                                      | 1       | 0         | QPSK   | 24.41  | 24.39  | 24.41   |
| 15                                      | 1       | 37        |        | 24.40  | 24.37  | 24.38   |
| 15                                      | 1       | 74        |        | 24.40  | 24.40  | 24.42   |
| 15                                      | 36      | 0         |        | 23.49  | 23.44  | 23.39   |
| 15                                      | 36      | 20        |        | 23.43  | 23.43  | 23.39   |
| 15                                      | 36      | 39        |        | 23.49  | 23.37  | 23.43   |
| 15                                      | 75      | 0         |        | 23.45  | 23.41  | 23.33   |
| 15                                      | 1       | 0         | 16-QAM | 23.77  | 23.78  | 23.70   |
| 15                                      | 1       | 37        |        | 23.78  | 23.75  | 23.76   |
| 15                                      | 1       | 74        |        | 23.77  | 23.75  | 23.76   |
| 15                                      | 36      | 0         |        | 22.54  | 22.53  | 22.46   |
| 15                                      | 36      | 20        |        | 22.53  | 22.51  | 22.48   |
| 15                                      | 36      | 39        |        | 22.58  | 22.44  | 22.53   |
| 15                                      | 75      | 0         |        | 22.51  | 22.47  | 22.43   |
| 15                                      | 1       | 0         | 64-QAM | 22.65  | 22.68  | 22.74   |
| 15                                      | 1       | 37        |        | 22.71  | 22.62  | 22.65   |
| 15                                      | 1       | 74        |        | 22.67  | 22.67  | 22.70   |
| 15                                      | 36      | 0         |        | 21.62  | 21.58  | 21.51   |
| 15                                      | 36      | 20        |        | 21.57  | 21.56  | 21.48   |
| 15                                      | 36      | 39        |        | 21.60  | 21.47  | 21.56   |
| 15                                      | 75      | 0         |        | 21.53  | 21.50  | 21.44   |



| LTE Band 71 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | 24.42  | 24.39  | 24.34   |
| 10                                      | 1       | 25        |        | 24.47  | 24.39  | 24.38   |
| 10                                      | 1       | 49        |        | 24.36  | 24.31  | 24.38   |
| 10                                      | 25      | 0         |        | 23.51  | 23.50  | 23.32   |
| 10                                      | 25      | 12        |        | 23.47  | 23.44  | 23.44   |
| 10                                      | 25      | 25        |        | 23.43  | 23.42  | 23.42   |
| 10                                      | 50      | 0         |        | 23.48  | 23.45  | 23.45   |
| 10                                      | 1       | 0         | 16-QAM | 23.74  | 23.70  | 23.69   |
| 10                                      | 1       | 25        |        | 23.83  | 23.76  | 23.71   |
| 10                                      | 1       | 49        |        | 23.74  | 23.55  | 23.72   |
| 10                                      | 25      | 0         |        | 22.59  | 22.58  | 22.45   |
| 10                                      | 25      | 12        |        | 22.48  | 22.57  | 22.59   |
| 10                                      | 25      | 25        |        | 22.53  | 22.47  | 22.51   |
| 10                                      | 50      | 0         |        | 22.57  | 22.55  | 22.54   |
| 10                                      | 1       | 0         | 64-QAM | 22.66  | 22.63  | 22.56   |
| 10                                      | 1       | 25        |        | 22.74  | 22.67  | 22.62   |
| 10                                      | 1       | 49        |        | 22.61  | 22.52  | 22.65   |
| 10                                      | 25      | 0         |        | 21.63  | 21.55  | 21.45   |
| 10                                      | 25      | 12        |        | 21.63  | 21.58  | 21.59   |
| 10                                      | 25      | 25        |        | 21.55  | 21.50  | 21.52   |
| 10                                      | 50      | 0         |        | 21.60  | 21.57  | 21.55   |
| 5                                       | 1       | 0         | QPSK   | 24.37  | 24.37  | 24.35   |
| 5                                       | 1       | 12        |        | 24.39  | 24.36  | 24.44   |
| 5                                       | 1       | 24        |        | 24.43  | 24.39  | 24.40   |
| 5                                       | 12      | 0         |        | 23.43  | 23.40  | 23.42   |
| 5                                       | 12      | 7         |        | 23.45  | 23.47  | 23.46   |
| 5                                       | 12      | 13        |        | 23.48  | 23.47  | 23.52   |
| 5                                       | 25      | 0         |        | 23.51  | 23.47  | 23.40   |
| 5                                       | 1       | 0         | 16-QAM | 23.73  | 23.70  | 23.68   |
| 5                                       | 1       | 12        |        | 23.75  | 23.69  | 23.80   |
| 5                                       | 1       | 24        |        | 23.79  | 23.74  | 23.73   |
| 5                                       | 12      | 0         |        | 22.52  | 22.50  | 22.56   |
| 5                                       | 12      | 7         |        | 22.55  | 22.58  | 22.54   |
| 5                                       | 12      | 13        |        | 22.59  | 22.54  | 22.59   |
| 5                                       | 25      | 0         |        | 22.62  | 22.58  | 22.52   |
| 5                                       | 1       | 0         | 64-QAM | 22.67  | 22.66  | 22.62   |
| 5                                       | 1       | 12        |        | 22.67  | 22.61  | 22.72   |
| 5                                       | 1       | 24        |        | 22.70  | 22.66  | 22.68   |
| 5                                       | 12      | 0         |        | 21.58  | 21.55  | 21.60   |
| 5                                       | 12      | 7         |        | 21.58  | 21.65  | 21.58   |
| 5                                       | 12      | 13        |        | 21.64  | 21.60  | 21.62   |
| 5                                       | 25      | 0         |        | 21.61  | 21.59  | 21.52   |



| LTE Band 38(HPUE) Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                      | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 20                                            | 1       | 0         | QPSK   | 25.18  | 24.52  | 24.64   |
| 20                                            | 1       | 49        |        | 25.05  | 24.81  | 24.97   |
| 20                                            | 1       | 99        |        | 24.55  | 24.81  | 25.64   |
| 20                                            | 50      | 0         |        | 24.14  | 23.67  | 23.99   |
| 20                                            | 50      | 24        |        | 23.93  | 23.67  | 24.13   |
| 20                                            | 50      | 50        |        | 23.73  | 23.65  | 24.42   |
| 20                                            | 100     | 0         |        | 23.77  | 23.55  | 24.08   |
| 20                                            | 1       | 0         | 16-QAM | 24.54  | 23.89  | 23.96   |
| 20                                            | 1       | 49        |        | 23.91  | 23.50  | 24.41   |
| 20                                            | 1       | 99        |        | 23.81  | 23.95  | 24.94   |
| 20                                            | 50      | 0         |        | 23.23  | 22.76  | 23.10   |
| 20                                            | 50      | 24        |        | 23.06  | 22.79  | 23.27   |
| 20                                            | 50      | 50        |        | 22.88  | 22.77  | 23.52   |
| 20                                            | 100     | 0         |        | 22.94  | 22.68  | 23.20   |
| 20                                            | 1       | 0         | 64-QAM | 23.55  | 22.86  | 22.92   |
| 20                                            | 1       | 49        |        | 23.07  | 22.83  | 23.25   |
| 20                                            | 1       | 99        |        | 22.80  | 23.02  | 23.85   |
| 20                                            | 50      | 0         |        | 22.23  | 21.73  | 22.11   |
| 20                                            | 50      | 24        |        | 22.04  | 21.75  | 22.22   |
| 20                                            | 50      | 50        |        | 21.86  | 21.79  | 22.47   |
| 20                                            | 100     | 0         |        | 21.92  | 21.69  | 22.22   |
| 15                                            | 1       | 0         | QPSK   | 25.10  | 24.50  | 24.57   |
| 15                                            | 1       | 37        |        | 24.98  | 24.74  | 24.87   |
| 15                                            | 1       | 74        |        | 24.50  | 24.76  | 25.60   |
| 15                                            | 36      | 0         |        | 24.14  | 23.58  | 23.89   |
| 15                                            | 36      | 20        |        | 23.91  | 23.65  | 24.11   |
| 15                                            | 36      | 39        |        | 23.70  | 23.58  | 24.33   |
| 15                                            | 75      | 0         |        | 23.76  | 23.55  | 24.02   |
| 15                                            | 1       | 0         | 16-QAM | 24.52  | 23.86  | 23.94   |
| 15                                            | 1       | 37        |        | 23.81  | 23.53  | 24.41   |
| 15                                            | 1       | 74        |        | 23.80  | 23.90  | 24.91   |
| 15                                            | 36      | 0         |        | 23.18  | 22.66  | 23.07   |
| 15                                            | 36      | 20        |        | 23.06  | 22.71  | 23.18   |
| 15                                            | 36      | 39        |        | 22.83  | 22.75  | 23.48   |
| 15                                            | 75      | 0         |        | 22.88  | 22.62  | 23.11   |
| 15                                            | 1       | 0         | 64-QAM | 23.52  | 22.85  | 22.87   |
| 15                                            | 1       | 37        |        | 23.06  | 22.76  | 23.20   |
| 15                                            | 1       | 74        |        | 22.70  | 22.97  | 23.78   |
| 15                                            | 36      | 0         |        | 22.13  | 21.67  | 22.08   |
| 15                                            | 36      | 20        |        | 21.97  | 21.68  | 22.22   |
| 15                                            | 36      | 39        |        | 21.86  | 21.77  | 22.38   |
| 15                                            | 75      | 0         |        | 21.86  | 21.65  | 22.22   |



| LTE Band 38(HPUE) Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                      | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                            | 1       | 0         | QPSK   | 25.15  | 24.52  | 24.55   |
| 10                                            | 1       | 25        |        | 25.03  | 24.80  | 24.91   |
| 10                                            | 1       | 49        |        | 24.54  | 24.72  | 25.61   |
| 10                                            | 25      | 0         |        | 24.08  | 23.66  | 23.89   |
| 10                                            | 25      | 12        |        | 23.93  | 23.59  | 24.13   |
| 10                                            | 25      | 25        |        | 23.70  | 23.58  | 24.33   |
| 10                                            | 50      | 0         |        | 23.68  | 23.55  | 24.00   |
| 10                                            | 1       | 0         | 16-QAM | 24.48  | 23.85  | 23.89   |
| 10                                            | 1       | 25        |        | 23.83  | 23.57  | 24.37   |
| 10                                            | 1       | 49        |        | 23.79  | 23.93  | 24.91   |
| 10                                            | 25      | 0         |        | 23.21  | 22.73  | 23.00   |
| 10                                            | 25      | 12        |        | 23.00  | 22.76  | 23.20   |
| 10                                            | 25      | 25        |        | 22.80  | 22.69  | 23.52   |
| 10                                            | 50      | 0         |        | 22.91  | 22.61  | 23.13   |
| 10                                            | 1       | 0         | 64-QAM | 23.50  | 22.79  | 22.88   |
| 10                                            | 1       | 25        |        | 23.07  | 22.75  | 23.25   |
| 10                                            | 1       | 49        |        | 22.75  | 23.00  | 23.76   |
| 10                                            | 25      | 0         |        | 22.21  | 21.63  | 22.05   |
| 10                                            | 25      | 12        |        | 21.97  | 21.75  | 22.14   |
| 10                                            | 25      | 25        |        | 21.78  | 21.74  | 22.37   |
| 10                                            | 50      | 0         |        | 21.83  | 21.61  | 22.22   |
| 5                                             | 1       | 0         | QPSK   | 25.17  | 24.51  | 24.59   |
| 5                                             | 1       | 12        |        | 25.00  | 24.80  | 24.94   |
| 5                                             | 1       | 24        |        | 24.50  | 24.72  | 25.62   |
| 5                                             | 12      | 0         |        | 24.13  | 23.57  | 23.89   |
| 5                                             | 12      | 7         |        | 23.89  | 23.66  | 24.05   |
| 5                                             | 12      | 13        |        | 23.65  | 23.59  | 24.38   |
| 5                                             | 25      | 0         |        | 23.75  | 23.55  | 24.07   |
| 5                                             | 1       | 0         | 16-QAM | 24.44  | 23.82  | 23.87   |
| 5                                             | 1       | 12        |        | 23.85  | 23.56  | 24.34   |
| 5                                             | 1       | 24        |        | 23.71  | 23.95  | 24.84   |
| 5                                             | 12      | 0         |        | 23.13  | 22.70  | 23.07   |
| 5                                             | 12      | 7         |        | 23.06  | 22.70  | 23.18   |
| 5                                             | 12      | 13        |        | 22.82  | 22.75  | 23.44   |
| 5                                             | 25      | 0         |        | 22.85  | 22.63  | 23.12   |
| 5                                             | 1       | 0         | 64-QAM | 23.47  | 22.84  | 22.91   |
| 5                                             | 1       | 12        |        | 23.01  | 22.73  | 23.15   |
| 5                                             | 1       | 24        |        | 22.70  | 22.93  | 23.84   |
| 5                                             | 12      | 0         |        | 22.21  | 21.72  | 22.01   |
| 5                                             | 12      | 7         |        | 22.02  | 21.72  | 22.20   |
| 5                                             | 12      | 13        |        | 21.82  | 21.76  | 22.38   |
| 5                                             | 25      | 0         |        | 21.86  | 21.61  | 22.22   |



| LTE Band 5_CA Maximum Average Power [dBm] |         |           |         |           |        |              |        |         |
|-------------------------------------------|---------|-----------|---------|-----------|--------|--------------|--------|---------|
| BW [MHz]                                  | PCC     |           | SCC     |           | Mod    | Lowest       | Middle | Highest |
|                                           | RB Size | RB Offset | RB Size | RB Offset |        |              |        |         |
| 10+10                                     | 50      | 0         | 50      | 0         | QPSK   | 22.40        | 22.36  | 22.31   |
| 10+10                                     | 1       | 0         | 1       | 49        |        | 13.47        | 13.48  | 13.53   |
| 10+10                                     | 1       | 49        | 1       | 0         |        | <b>24.31</b> | 24.30  | 24.27   |
| 10+10                                     | 50      | 0         | 50      | 0         | 16-QAM | 21.46        | 21.43  | 21.37   |
| 10+10                                     | 1       | 0         | 1       | 49        |        | 13.56        | 13.53  | 13.61   |
| 10+10                                     | 1       | 49        | 1       | 0         |        | 23.32        | 23.36  | 23.38   |
| 10+10                                     | 50      | 0         | 50      | 0         | 64-QAM | 21.48        | 21.46  | 21.40   |
| 10+10                                     | 1       | 0         | 1       | 49        |        | 13.52        | 13.51  | 13.50   |
| 10+10                                     | 1       | 49        | 1       | 0         |        | 21.31        | 21.30  | 21.31   |
| 10+5                                      | 50      | 0         | 25      | 0         | QPSK   | 22.40        | 22.34  | 22.33   |
| 10+5                                      | 1       | 0         | 1       | 24        |        | 13.98        | 13.94  | 13.98   |
| 10+5                                      | 1       | 49        | 1       | 0         |        | 24.30        | 24.26  | 24.29   |
| 10+5                                      | 50      | 0         | 25      | 0         | 16-QAM | 21.44        | 21.39  | 21.37   |
| 10+5                                      | 1       | 0         | 1       | 24        |        | 14.09        | 14.04  | 14.06   |
| 10+5                                      | 1       | 49        | 1       | 0         |        | 23.37        | 23.34  | 23.37   |
| 10+5                                      | 50      | 0         | 25      | 0         | 64-QAM | 21.44        | 21.41  | 21.39   |
| 10+5                                      | 1       | 0         | 1       | 24        |        | 13.99        | 13.95  | 14.00   |
| 10+5                                      | 1       | 49        | 1       | 0         |        | 21.30        | 21.26  | 21.33   |
| 5+10                                      | 25      | 0         | 50      | 0         | QPSK   | 22.40        | 22.42  | 22.43   |
| 5+10                                      | 1       | 0         | 1       | 49        |        | 13.90        | 13.93  | 13.89   |
| 5+10                                      | 1       | 24        | 1       | 0         |        | 24.28        | 24.19  | 24.23   |
| 5+10                                      | 25      | 0         | 50      | 0         | 16-QAM | 21.44        | 21.30  | 21.39   |
| 5+10                                      | 1       | 0         | 1       | 49        |        | 14.00        | 14.14  | 14.09   |
| 5+10                                      | 1       | 24        | 1       | 0         |        | 23.39        | 23.41  | 23.32   |
| 5+10                                      | 25      | 0         | 50      | 0         | 64-QAM | 21.35        | 21.31  | 21.31   |
| 5+10                                      | 1       | 0         | 1       | 49        |        | 13.91        | 13.91  | 13.93   |
| 5+10                                      | 1       | 24        | 1       | 0         |        | 21.28        | 21.23  | 21.32   |



| LTE Band 66B_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 10+10                                       | 50      | 0         | 50      | 0         | QPSK   | 22.51  | 22.51  | 21.78   |
| 10+10                                       | 1       | 0         | 1       | 49        |        | 13.77  | 13.65  | 13.65   |
| 10+10                                       | 1       | 49        | 1       | 0         |        | 24.47  | 24.50  | 23.28   |
| 10+10                                       | 50      | 0         | 50      | 0         | 16-QAM | 21.76  | 21.66  | 20.91   |
| 10+10                                       | 1       | 0         | 1       | 49        |        | 14.47  | 14.32  | 14.27   |
| 10+10                                       | 1       | 49        | 1       | 0         |        | 23.78  | 23.99  | 22.84   |
| 10+10                                       | 50      | 0         | 50      | 0         | 64-QAM | 21.59  | 21.72  | 20.85   |
| 10+10                                       | 1       | 0         | 1       | 49        |        | 14.29  | 13.97  | 14.08   |
| 10+10                                       | 1       | 49        | 1       | 0         |        | 21.84  | 22.03  | 20.81   |
| 15+5                                        | 75      | 0         | 25      | 0         | QPSK   | 22.19  | 22.36  | 21.79   |
| 15+5                                        | 1       | 0         | 1       | 24        |        | 14.13  | 14.01  | 14.03   |
| 15+5                                        | 1       | 74        | 1       | 0         |        | 24.26  | 24.30  | 23.46   |
| 15+5                                        | 75      | 0         | 25      | 0         | 16-QAM | 21.54  | 21.77  | 20.94   |
| 15+5                                        | 1       | 0         | 1       | 24        |        | 14.29  | 14.03  | 14.10   |
| 15+5                                        | 1       | 74        | 1       | 0         |        | 23.50  | 23.33  | 22.67   |
| 15+5                                        | 75      | 0         | 25      | 0         | 64-QAM | 21.55  | 21.77  | 20.92   |
| 15+5                                        | 1       | 0         | 1       | 24        |        | 14.22  | 14.01  | 14.07   |
| 15+5                                        | 1       | 74        | 1       | 0         |        | 21.49  | 21.24  | 20.72   |
| 5+15                                        | 25      | 0         | 75      | 0         | QPSK   | 22.18  | 22.34  | 21.79   |
| 5+15                                        | 1       | 0         | 1       | 74        |        | 14.17  | 14.01  | 14.01   |
| 5+15                                        | 1       | 24        | 1       | 0         |        | 24.40  | 24.38  | 23.61   |
| 5+15                                        | 25      | 0         | 75      | 0         | 16-QAM | 21.58  | 21.82  | 20.95   |
| 5+15                                        | 1       | 0         | 1       | 74        |        | 14.24  | 14.08  | 14.13   |
| 5+15                                        | 1       | 24        | 1       | 0         |        | 23.48  | 23.34  | 22.68   |
| 5+15                                        | 25      | 0         | 75      | 0         | 64-QAM | 21.50  | 21.73  | 20.97   |
| 5+15                                        | 1       | 0         | 1       | 74        |        | 14.21  | 13.99  | 14.03   |
| 5+15                                        | 1       | 24        | 1       | 0         |        | 21.48  | 21.22  | 20.77   |



| LTE Band 66B_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 10+5                                        | 50      | 0         | 25      | 0         | QPSK   | 22.14  | 22.38  | 21.82   |
| 10+5                                        | 1       | 0         | 1       | 24        |        | 14.09  | 14.05  | 14.06   |
| 10+5                                        | 1       | 49        | 1       | 0         |        | 24.29  | 24.30  | 23.38   |
| 10+5                                        | 50      | 0         | 25      | 0         | 16-QAM | 21.50  | 21.73  | 20.89   |
| 10+5                                        | 1       | 0         | 1       | 24        |        | 14.33  | 14.02  | 14.15   |
| 10+5                                        | 1       | 49        | 1       | 0         |        | 23.51  | 23.34  | 22.64   |
| 10+5                                        | 50      | 0         | 25      | 0         | 64-QAM | 21.58  | 21.72  | 20.90   |
| 10+5                                        | 1       | 0         | 1       | 24        |        | 14.17  | 13.97  | 14.09   |
| 10+5                                        | 1       | 49        | 1       | 0         |        | 21.51  | 21.29  | 20.75   |
| 5+10                                        | 25      | 0         | 50      | 0         | QPSK   | 22.14  | 22.34  | 21.79   |
| 5+10                                        | 1       | 0         | 1       | 49        |        | 14.08  | 13.97  | 14.00   |
| 5+10                                        | 1       | 24        | 1       | 0         |        | 24.37  | 24.34  | 23.40   |
| 5+10                                        | 25      | 0         | 50      | 0         | 16-QAM | 21.52  | 21.81  | 20.94   |
| 5+10                                        | 1       | 0         | 1       | 49        |        | 14.31  | 13.99  | 14.10   |
| 5+10                                        | 1       | 24        | 1       | 0         |        | 23.49  | 23.28  | 22.62   |
| 5+10                                        | 25      | 0         | 50      | 0         | 64-QAM | 21.58  | 21.77  | 20.90   |
| 5+10                                        | 1       | 0         | 1       | 49        |        | 14.19  | 14.01  | 14.02   |
| 5+10                                        | 1       | 24        | 1       | 0         |        | 21.52  | 21.25  | 20.71   |
| 5+5                                         | 25      | 0         | 25      | 0         | QPSK   | 22.16  | 22.34  | 21.74   |
| 5+5                                         | 1       | 0         | 1       | 24        |        | 14.16  | 13.96  | 14.08   |
| 5+5                                         | 1       | 24        | 1       | 0         |        | 24.41  | 24.44  | 23.37   |
| 5+5                                         | 25      | 0         | 25      | 0         | 16-QAM | 21.55  | 21.80  | 20.89   |
| 5+5                                         | 1       | 0         | 1       | 24        |        | 14.29  | 14.06  | 14.09   |
| 5+5                                         | 1       | 24        | 1       | 0         |        | 23.47  | 23.32  | 22.62   |
| 5+5                                         | 25      | 0         | 25      | 0         | 64-QAM | 21.60  | 21.74  | 20.90   |
| 5+5                                         | 1       | 0         | 1       | 24        |        | 14.26  | 14.05  | 14.04   |
| 5+5                                         | 1       | 24        | 1       | 0         |        | 21.52  | 21.25  | 20.74   |



| LTE Band 66C_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+20                                       | 100     | 0         | 100     | 0         | QPSK   | 22.66  | 22.10  | 22.25   |
| 20+20                                       | 1       | 0         | 1       | 99        |        | 15.47  | 15.63  | 15.53   |
| 20+20                                       | 1       | 99        | 1       | 0         |        | 24.25  | 24.41  | 24.17   |
| 20+20                                       | 100     | 0         | 100     | 0         | 16-QAM | 21.64  | 21.11  | 21.28   |
| 20+20                                       | 1       | 0         | 1       | 99        |        | 16.70  | 16.20  | 16.12   |
| 20+20                                       | 1       | 99        | 1       | 0         |        | 23.77  | 23.90  | 23.68   |
| 20+20                                       | 100     | 0         | 100     | 0         | 64-QAM | 20.81  | 20.05  | 20.24   |
| 20+20                                       | 1       | 0         | 1       | 99        |        | 16.30  | 16.09  | 16.21   |
| 20+20                                       | 1       | 99        | 1       | 0         |        | 21.67  | 21.98  | 21.51   |
| 20+15                                       | 100     | 0         | 75      | 0         | QPSK   | 22.56  | 22.50  | 22.17   |
| 20+15                                       | 1       | 0         | 1       | 74        |        | 15.47  | 15.48  | 15.48   |
| 20+15                                       | 1       | 74        | 1       | 0         |        | 24.25  | 24.28  | 23.75   |
| 20+15                                       | 100     | 0         | 75      | 0         | 16-QAM | 21.64  | 21.60  | 21.58   |
| 20+15                                       | 1       | 0         | 1       | 74        |        | 16.12  | 15.48  | 15.57   |
| 20+15                                       | 1       | 74        | 1       | 0         |        | 23.49  | 23.47  | 22.90   |
| 20+15                                       | 100     | 0         | 75      | 0         | 64-QAM | 20.62  | 21.10  | 20.71   |
| 20+15                                       | 1       | 0         | 1       | 74        |        | 16.08  | 16.00  | 16.03   |
| 20+15                                       | 1       | 74        | 1       | 0         |        | 21.53  | 21.42  | 20.93   |
| 15+20                                       | 75      | 0         | 100     | 0         | QPSK   | 22.59  | 22.48  | 22.19   |
| 15+20                                       | 1       | 0         | 1       | 99        |        | 15.46  | 15.53  | 15.43   |
| 15+20                                       | 1       | 74        | 1       | 0         |        | 24.32  | 24.48  | 24.30   |
| 15+20                                       | 75      | 0         | 100     | 0         | 16-QAM | 21.62  | 21.64  | 21.54   |
| 15+20                                       | 1       | 0         | 1       | 99        |        | 16.16  | 15.52  | 15.61   |
| 15+20                                       | 1       | 74        | 1       | 0         |        | 23.49  | 23.51  | 22.91   |
| 15+20                                       | 75      | 0         | 100     | 0         | 64-QAM | 20.64  | 21.13  | 20.69   |
| 15+20                                       | 1       | 0         | 1       | 99        |        | 16.06  | 15.95  | 16.05   |
| 15+20                                       | 1       | 74        | 1       | 0         |        | 21.49  | 21.47  | 20.96   |



| LTE Band 66C_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+10                                       | 100     | 0         | 50      | 0         | QPSK   | 22.53  | 22.48  | 22.20   |
| 20+10                                       | 1       | 0         | 1       | 49        |        | 15.50  | 15.53  | 15.46   |
| 20+10                                       | 1       | 99        | 1       | 0         |        | 24.26  | 24.17  | 23.28   |
| 20+10                                       | 100     | 0         | 50      | 0         | 16-QAM | 21.68  | 21.64  | 21.55   |
| 20+10                                       | 1       | 0         | 1       | 49        |        | 16.08  | 15.45  | 15.57   |
| 20+10                                       | 1       | 99        | 1       | 0         |        | 23.47  | 23.50  | 22.92   |
| 20+10                                       | 100     | 0         | 50      | 0         | 64-QAM | 20.61  | 21.15  | 20.69   |
| 20+10                                       | 1       | 0         | 1       | 49        |        | 16.05  | 16.00  | 16.01   |
| 20+10                                       | 1       | 99        | 1       | 0         |        | 21.56  | 21.43  | 20.91   |
| 10+20                                       | 50      | 0         | 100     | 0         | QPSK   | 22.59  | 22.49  | 22.21   |
| 10+20                                       | 1       | 0         | 1       | 99        |        | 15.44  | 15.46  | 15.53   |
| 10+20                                       | 1       | 49        | 1       | 0         |        | 24.27  | 24.31  | 24.21   |
| 10+20                                       | 50      | 0         | 100     | 0         | 16-QAM | 21.61  | 21.65  | 21.58   |
| 10+20                                       | 1       | 0         | 1       | 99        |        | 16.16  | 15.46  | 15.56   |
| 10+20                                       | 1       | 49        | 1       | 0         |        | 23.44  | 23.44  | 22.86   |
| 10+20                                       | 50      | 0         | 100     | 0         | 64-QAM | 20.66  | 21.12  | 20.67   |
| 10+20                                       | 1       | 0         | 1       | 99        |        | 16.07  | 16.00  | 16.05   |
| 10+20                                       | 1       | 49        | 1       | 0         |        | 21.49  | 21.44  | 20.91   |
| 20+5                                        | 100     | 0         | 25      | 0         | QPSK   | 22.61  | 22.46  | 22.21   |
| 20+5                                        | 1       | 0         | 1       | 24        |        | 15.42  | 15.50  | 15.45   |
| 20+5                                        | 1       | 99        | 1       | 0         |        | 24.17  | 24.11  | 23.35   |
| 20+5                                        | 100     | 0         | 25      | 0         | 16-QAM | 21.59  | 21.62  | 21.61   |
| 20+5                                        | 1       | 0         | 1       | 24        |        | 16.17  | 15.43  | 15.53   |
| 20+5                                        | 1       | 99        | 1       | 0         |        | 23.47  | 23.48  | 22.93   |
| 20+5                                        | 100     | 0         | 25      | 0         | 64-QAM | 20.66  | 21.06  | 20.67   |
| 20+5                                        | 1       | 0         | 1       | 24        |        | 16.07  | 15.98  | 16.08   |
| 20+5                                        | 1       | 99        | 1       | 0         |        | 21.57  | 21.37  | 20.91   |
| 5+20                                        | 25      | 0         | 100     | 0         | QPSK   | 22.51  | 22.48  | 22.21   |
| 5+20                                        | 1       | 0         | 1       | 99        |        | 15.50  | 15.50  | 15.45   |
| 5+20                                        | 1       | 24        | 1       | 0         |        | 24.40  | 24.32  | 24.18   |
| 5+20                                        | 25      | 0         | 100     | 0         | 16-QAM | 21.64  | 21.63  | 21.58   |
| 5+20                                        | 1       | 0         | 1       | 99        |        | 16.14  | 15.47  | 15.57   |
| 5+20                                        | 1       | 24        | 1       | 0         |        | 23.48  | 23.50  | 22.87   |
| 5+20                                        | 25      | 0         | 100     | 0         | 64-QAM | 20.61  | 21.14  | 20.75   |
| 5+20                                        | 1       | 0         | 1       | 99        |        | 16.06  | 15.98  | 16.02   |
| 5+20                                        | 1       | 24        | 1       | 0         |        | 21.56  | 21.41  | 20.94   |



| LTE Band 66C_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|---------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                    | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                             | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 15+10                                       | 75      | 0         | 50      | 0         | QPSK   | 22.51  | 22.48  | 22.17   |
| 15+10                                       | 1       | 0         | 1       | 49        |        | 15.50  | 15.44  | 15.50   |
| 15+10                                       | 1       | 74        | 1       | 0         |        | 24.30  | 24.39  | 23.41   |
| 15+10                                       | 75      | 0         | 50      | 0         | 16-QAM | 21.66  | 21.64  | 21.56   |
| 15+10                                       | 1       | 0         | 1       | 49        |        | 16.10  | 15.46  | 15.57   |
| 15+10                                       | 1       | 74        | 1       | 0         |        | 23.45  | 23.48  | 22.94   |
| 15+10                                       | 75      | 0         | 50      | 0         | 64-QAM | 20.59  | 21.09  | 20.74   |
| 15+10                                       | 1       | 0         | 1       | 49        |        | 16.07  | 15.98  | 16.06   |
| 15+10                                       | 1       | 74        | 1       | 0         |        | 21.53  | 21.40  | 20.93   |
| 10+15                                       | 50      | 0         | 75      | 0         | QPSK   | 22.60  | 22.45  | 22.19   |
| 10+15                                       | 1       | 0         | 1       | 74        |        | 15.49  | 15.47  | 15.53   |
| 10+15                                       | 1       | 49        | 1       | 0         |        | 24.24  | 24.39  | 23.79   |
| 10+15                                       | 50      | 0         | 75      | 0         | 16-QAM | 21.69  | 21.60  | 21.60   |
| 10+15                                       | 1       | 0         | 1       | 74        |        | 16.15  | 15.51  | 15.56   |
| 10+15                                       | 1       | 49        | 1       | 0         |        | 23.44  | 23.48  | 22.90   |
| 10+15                                       | 50      | 0         | 75      | 0         | 64-QAM | 20.57  | 21.13  | 20.69   |
| 10+15                                       | 1       | 0         | 1       | 74        |        | 16.05  | 15.96  | 16.00   |
| 10+15                                       | 1       | 49        | 1       | 0         |        | 21.50  | 21.43  | 20.91   |
| 15+15                                       | 75      | 0         | 75      | 0         | QPSK   | 22.59  | 22.54  | 22.20   |
| 15+15                                       | 1       | 0         | 1       | 74        |        | 15.48  | 15.44  | 15.49   |
| 15+15                                       | 1       | 74        | 1       | 0         |        | 24.39  | 24.46  | 23.81   |
| 15+15                                       | 75      | 0         | 75      | 0         | 16-QAM | 21.62  | 21.58  | 21.57   |
| 15+15                                       | 1       | 0         | 1       | 74        |        | 16.09  | 15.50  | 15.52   |
| 15+15                                       | 1       | 74        | 1       | 0         |        | 23.48  | 23.48  | 22.87   |
| 15+15                                       | 75      | 0         | 75      | 0         | 64-QAM | 20.61  | 21.15  | 20.70   |
| 15+15                                       | 1       | 0         | 1       | 74        |        | 16.13  | 15.97  | 16.05   |
| 15+15                                       | 1       | 74        | 1       | 0         |        | 21.58  | 21.47  | 20.92   |



| LTE Band 41_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|--------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                   | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                            | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+20                                      | 100     | 0         | 100     | 0         | QPSK   | 21.55  | 21.77  | 21.89   |
| 20+20                                      | 1       | 0         | 1       | 99        |        | 9.04   | 9.41   | 9.39    |
| 20+20                                      | 1       | 99        | 1       | 0         |        | 23.44  | 23.82  | 24.20   |
| 20+20                                      | 100     | 0         | 100     | 0         | 16-QAM | 20.61  | 20.85  | 20.95   |
| 20+20                                      | 1       | 0         | 1       | 99        |        | 9.41   | 9.78   | 9.70    |
| 20+20                                      | 1       | 99        | 1       | 0         |        | 22.34  | 22.49  | 23.06   |
| 20+20                                      | 100     | 0         | 100     | 0         | 64-QAM | 20.57  | 20.25  | 20.23   |
| 20+20                                      | 1       | 0         | 1       | 99        |        | 8.97   | 9.32   | 9.28    |
| 20+20                                      | 1       | 99        | 1       | 0         |        | 20.04  | 20.22  | 20.82   |
| 20+15                                      | 100     | 0         | 75      | 0         | QPSK   | 21.51  | 21.82  | 21.89   |
| 20+15                                      | 1       | 0         | 1       | 74        |        | 9.00   | 9.43   | 9.47    |
| 20+15                                      | 1       | 99        | 1       | 0         |        | 23.51  | 23.58  | 23.98   |
| 20+15                                      | 100     | 0         | 75      | 0         | 16-QAM | 20.64  | 20.93  | 21.03   |
| 20+15                                      | 1       | 0         | 1       | 74        |        | 9.35   | 9.78   | 9.76    |
| 20+15                                      | 1       | 99        | 1       | 0         |        | 22.34  | 22.57  | 22.87   |
| 20+15                                      | 100     | 0         | 75      | 0         | 64-QAM | 20.61  | 20.62  | 20.99   |
| 20+15                                      | 1       | 0         | 1       | 74        |        | 8.90   | 9.28   | 9.34    |
| 20+15                                      | 1       | 99        | 1       | 0         |        | 20.02  | 20.28  | 20.61   |
| 15+20                                      | 75      | 0         | 100     | 0         | QPSK   | 21.52  | 21.79  | 21.93   |
| 15+20                                      | 1       | 0         | 1       | 99        |        | 9.03   | 9.41   | 9.43    |
| 15+20                                      | 1       | 74        | 1       | 0         |        | 23.28  | 23.58  | 24.11   |
| 15+20                                      | 75      | 0         | 100     | 0         | 16-QAM | 20.67  | 20.91  | 21.01   |
| 15+20                                      | 1       | 0         | 1       | 99        |        | 9.38   | 9.80   | 9.71    |
| 15+20                                      | 1       | 74        | 1       | 0         |        | 22.29  | 22.54  | 22.85   |
| 15+20                                      | 75      | 0         | 100     | 0         | 64-QAM | 20.59  | 20.58  | 20.98   |
| 15+20                                      | 1       | 0         | 1       | 99        |        | 8.92   | 9.23   | 9.32    |
| 15+20                                      | 1       | 74        | 1       | 0         |        | 20.00  | 20.26  | 20.61   |



| LTE Band 41_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|--------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                   | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                            | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+10                                      | 100     | 0         | 50      | 0         | QPSK   | 21.53  | 21.80  | 21.87   |
| 20+10                                      | 1       | 0         | 1       | 49        |        | 8.99   | 9.38   | 9.42    |
| 20+10                                      | 1       | 99        | 1       | 0         |        | 23.49  | 23.86  | 24.03   |
| 20+10                                      | 100     | 0         | 50      | 0         | 16-QAM | 20.60  | 20.97  | 21.07   |
| 20+10                                      | 1       | 0         | 1       | 49        |        | 9.38   | 9.80   | 9.72    |
| 20+10                                      | 1       | 99        | 1       | 0         |        | 22.32  | 22.58  | 22.84   |
| 20+10                                      | 100     | 0         | 50      | 0         | 64-QAM | 20.65  | 20.59  | 20.98   |
| 20+10                                      | 1       | 0         | 1       | 49        |        | 8.86   | 9.33   | 9.34    |
| 20+10                                      | 1       | 99        | 1       | 0         |        | 20.05  | 20.33  | 20.58   |
| 10+20                                      | 50      | 0         | 100     | 0         | QPSK   | 21.46  | 21.81  | 21.84   |
| 10+20                                      | 1       | 0         | 1       | 99        |        | 8.99   | 9.44   | 9.50    |
| 10+20                                      | 1       | 49        | 1       | 0         |        | 24.00  | 24.46  | 24.12   |
| 10+20                                      | 50      | 0         | 100     | 0         | 16-QAM | 20.64  | 20.96  | 21.00   |
| 10+20                                      | 1       | 0         | 1       | 99        |        | 9.34   | 9.78   | 9.72    |
| 10+20                                      | 1       | 49        | 1       | 0         |        | 22.29  | 22.53  | 22.86   |
| 10+20                                      | 50      | 0         | 100     | 0         | 64-QAM | 20.63  | 20.67  | 20.97   |
| 10+20                                      | 1       | 0         | 1       | 99        |        | 8.90   | 9.27   | 9.31    |
| 10+20                                      | 1       | 49        | 1       | 0         |        | 20.04  | 20.26  | 20.59   |
| 20+5                                       | 100     | 0         | 25      | 0         | QPSK   | 21.47  | 21.85  | 21.85   |
| 20+5                                       | 1       | 0         | 1       | 24        |        | 9.00   | 9.45   | 9.52    |
| 20+5                                       | 1       | 99        | 1       | 0         |        | 23.43  | 23.75  | 23.86   |
| 20+5                                       | 100     | 0         | 25      | 0         | 16-QAM | 20.59  | 20.89  | 20.99   |
| 20+5                                       | 1       | 0         | 1       | 24        |        | 9.31   | 9.80   | 9.78    |
| 20+5                                       | 1       | 99        | 1       | 0         |        | 22.33  | 22.57  | 22.91   |
| 20+5                                       | 100     | 0         | 25      | 0         | 64-QAM | 20.59  | 20.57  | 20.99   |
| 20+5                                       | 1       | 0         | 1       | 24        |        | 8.95   | 9.23   | 9.35    |
| 20+5                                       | 1       | 99        | 1       | 0         |        | 20.01  | 20.23  | 20.59   |
| 5+20                                       | 25      | 0         | 100     | 0         | QPSK   | 21.51  | 21.84  | 21.89   |
| 5+20                                       | 1       | 0         | 1       | 99        |        | 9.04   | 9.40   | 9.47    |
| 5+20                                       | 1       | 24        | 1       | 0         |        | 23.19  | 24.82  | 24.94   |
| 5+20                                       | 25      | 0         | 100     | 0         | 16-QAM | 20.69  | 20.97  | 21.07   |
| 5+20                                       | 1       | 0         | 1       | 99        |        | 9.37   | 9.75   | 9.73    |
| 5+20                                       | 1       | 24        | 1       | 0         |        | 22.39  | 22.52  | 22.92   |
| 5+20                                       | 25      | 0         | 100     | 0         | 64-QAM | 20.65  | 20.59  | 20.98   |
| 5+20                                       | 1       | 0         | 1       | 99        |        | 8.86   | 9.31   | 9.30    |
| 5+20                                       | 1       | 24        | 1       | 0         |        | 20.00  | 20.27  | 20.61   |



| LTE Band 41_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|--------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                   | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                            | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 15+10                                      | 75      | 0         | 50      | 0         | QPSK   | 21.55  | 21.83  | 21.87   |
| 15+10                                      | 1       | 0         | 1       | 49        |        | 9.02   | 9.43   | 9.44    |
| 15+10                                      | 1       | 74        | 1       | 0         |        | 23.89  | 24.33  | 24.10   |
| 15+10                                      | 75      | 0         | 50      | 0         | 16-QAM | 20.67  | 20.88  | 21.06   |
| 15+10                                      | 1       | 0         | 1       | 49        |        | 9.31   | 9.76   | 9.75    |
| 15+10                                      | 1       | 74        | 1       | 0         |        | 22.29  | 22.62  | 22.89   |
| 15+10                                      | 75      | 0         | 50      | 0         | 64-QAM | 20.64  | 20.66  | 20.95   |
| 15+10                                      | 1       | 0         | 1       | 49        |        | 8.88   | 9.30   | 9.30    |
| 15+10                                      | 1       | 74        | 1       | 0         |        | 19.97  | 20.30  | 20.59   |
| 10+15                                      | 50      | 0         | 75      | 0         | QPSK   | 21.54  | 21.85  | 21.90   |
| 10+15                                      | 1       | 0         | 1       | 74        |        | 8.96   | 9.47   | 9.51    |
| 10+15                                      | 1       | 49        | 1       | 0         |        | 23.48  | 24.79  | 24.11   |
| 10+15                                      | 50      | 0         | 75      | 0         | 16-QAM | 20.59  | 20.92  | 21.05   |
| 10+15                                      | 1       | 0         | 1       | 74        |        | 9.39   | 9.80   | 9.71    |
| 10+15                                      | 1       | 49        | 1       | 0         |        | 22.30  | 22.62  | 22.83   |
| 10+15                                      | 50      | 0         | 75      | 0         | 64-QAM | 20.61  | 20.62  | 21.02   |
| 10+15                                      | 1       | 0         | 1       | 74        |        | 8.89   | 9.30   | 9.29    |
| 10+15                                      | 1       | 49        | 1       | 0         |        | 19.98  | 20.25  | 20.57   |
| 15+15                                      | 75      | 0         | 75      | 0         | QPSK   | 21.49  | 21.84  | 21.90   |
| 15+15                                      | 1       | 0         | 1       | 74        |        | 9.05   | 9.48   | 9.52    |
| 15+15                                      | 1       | 74        | 1       | 0         |        | 23.74  | 24.28  | 24.04   |
| 15+15                                      | 75      | 0         | 75      | 0         | 16-QAM | 20.67  | 20.98  | 21.05   |
| 15+15                                      | 1       | 0         | 1       | 74        |        | 9.30   | 9.81   | 9.78    |
| 15+15                                      | 1       | 74        | 1       | 0         |        | 22.29  | 22.59  | 22.82   |
| 15+15                                      | 75      | 0         | 75      | 0         | 64-QAM | 20.56  | 20.62  | 20.99   |
| 15+15                                      | 1       | 0         | 1       | 74        |        | 8.87   | 9.29   | 9.31    |
| 15+15                                      | 1       | 74        | 1       | 0         |        | 19.99  | 20.23  | 20.66   |



| LTE Band 7_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|-------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                  | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                           | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+20                                     | 100     | 0         | 100     | 0         | QPSK   | 22.02  | 22.26  | 22.09   |
| 20+20                                     | 1       | 0         | 1       | 99        |        | 15.32  | 15.35  | 15.38   |
| 20+20                                     | 1       | 99        | 1       | 0         |        | 24.03  | 23.86  | 24.22   |
| 20+20                                     | 100     | 0         | 100     | 0         | 16-QAM | 21.06  | 21.39  | 21.52   |
| 20+20                                     | 1       | 0         | 1       | 99        |        | 15.43  | 15.42  | 15.24   |
| 20+20                                     | 1       | 99        | 1       | 0         |        | 23.27  | 23.16  | 23.41   |
| 20+20                                     | 100     | 0         | 100     | 0         | 64-QAM | 20.01  | 20.79  | 20.85   |
| 20+20                                     | 1       | 0         | 1       | 99        |        | 15.82  | 15.23  | 15.31   |
| 20+20                                     | 1       | 99        | 1       | 0         |        | 21.29  | 21.23  | 21.42   |
| 20+15                                     | 100     | 0         | 75      | 0         | QPSK   | 22.22  | 22.25  | 22.46   |
| 20+15                                     | 1       | 0         | 1       | 74        |        | 15.25  | 15.38  | 15.33   |
| 20+15                                     | 1       | 99        | 1       | 0         |        | 24.02  | 23.56  | 24.38   |
| 20+15                                     | 100     | 0         | 75      | 0         | 16-QAM | 21.30  | 21.37  | 21.49   |
| 20+15                                     | 1       | 0         | 1       | 74        |        | 15.35  | 15.33  | 15.38   |
| 20+15                                     | 1       | 99        | 1       | 0         |        | 23.28  | 23.01  | 23.46   |
| 20+15                                     | 100     | 0         | 75      | 0         | 64-QAM | 20.31  | 20.85  | 21.18   |
| 20+15                                     | 1       | 0         | 1       | 74        |        | 15.28  | 15.22  | 15.31   |
| 20+15                                     | 1       | 99        | 1       | 0         |        | 21.24  | 21.15  | 21.45   |
| 15+20                                     | 75      | 0         | 100     | 0         | QPSK   | 22.25  | 22.25  | 22.50   |
| 15+20                                     | 1       | 0         | 1       | 99        |        | 15.21  | 15.39  | 15.31   |
| 15+20                                     | 1       | 74        | 1       | 0         |        | 24.06  | 23.56  | 24.19   |
| 15+20                                     | 75      | 0         | 100     | 0         | 16-QAM | 21.28  | 21.42  | 21.53   |
| 15+20                                     | 1       | 0         | 1       | 99        |        | 15.40  | 15.33  | 15.37   |
| 15+20                                     | 1       | 74        | 1       | 0         |        | 23.27  | 23.06  | 23.50   |
| 15+20                                     | 75      | 0         | 100     | 0         | 64-QAM | 20.35  | 20.82  | 21.20   |
| 15+20                                     | 1       | 0         | 1       | 99        |        | 15.32  | 15.27  | 15.26   |
| 15+20                                     | 1       | 74        | 1       | 0         |        | 21.23  | 21.20  | 21.48   |



| LTE Band 7_CA Maximum Average Power [dBm] |         |           |         |           |        |        |        |         |
|-------------------------------------------|---------|-----------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                  | PCC     |           | SCC     |           | Mod    | Lowest | Middle | Highest |
|                                           | RB Size | RB Offset | RB Size | RB Offset |        |        |        |         |
| 20+10                                     | 100     | 0         | 75      | 0         | QPSK   | 22.17  | 22.26  | 22.43   |
| 20+10                                     | 1       | 0         | 1       | 74        |        | 15.27  | 15.41  | 15.30   |
| 20+10                                     | 1       | 99        | 1       | 0         |        | 24.01  | 23.54  | 24.35   |
| 20+10                                     | 100     | 0         | 75      | 0         | 16-QAM | 21.29  | 21.33  | 21.51   |
| 20+10                                     | 1       | 0         | 1       | 74        |        | 15.31  | 15.30  | 15.41   |
| 20+10                                     | 1       | 99        | 1       | 0         |        | 23.30  | 23.06  | 23.46   |
| 20+10                                     | 100     | 0         | 75      | 0         | 64-QAM | 20.33  | 20.86  | 21.13   |
| 20+10                                     | 1       | 0         | 1       | 74        |        | 15.31  | 15.23  | 15.26   |
| 20+10                                     | 1       | 99        | 1       | 0         |        | 21.21  | 21.10  | 21.50   |
| 10+20                                     | 75      | 0         | 100     | 0         | QPSK   | 22.23  | 22.30  | 22.45   |
| 10+20                                     | 1       | 0         | 1       | 99        |        | 15.28  | 15.42  | 15.38   |
| 10+20                                     | 1       | 74        | 1       | 0         |        | 24.06  | 23.54  | 24.23   |
| 10+20                                     | 75      | 0         | 100     | 0         | 16-QAM | 21.25  | 21.35  | 21.53   |
| 10+20                                     | 1       | 0         | 1       | 99        |        | 15.39  | 15.32  | 15.43   |
| 10+20                                     | 1       | 74        | 1       | 0         |        | 23.25  | 23.06  | 23.46   |
| 10+20                                     | 75      | 0         | 100     | 0         | 64-QAM | 20.32  | 20.90  | 21.23   |
| 10+20                                     | 1       | 0         | 1       | 99        |        | 15.24  | 15.24  | 15.36   |
| 10+20                                     | 1       | 74        | 1       | 0         |        | 21.29  | 21.18  | 21.41   |
| 15+15                                     | 75      | 0         | 100     | 0         | QPSK   | 22.26  | 22.23  | 22.44   |
| 15+15                                     | 1       | 0         | 1       | 99        |        | 15.29  | 15.43  | 15.38   |
| 15+15                                     | 1       | 74        | 1       | 0         |        | 23.99  | 23.52  | 24.27   |
| 15+15                                     | 75      | 0         | 100     | 0         | 16-QAM | 21.35  | 21.37  | 21.49   |
| 15+15                                     | 1       | 0         | 1       | 99        |        | 15.31  | 15.30  | 15.40   |
| 15+15                                     | 1       | 74        | 1       | 0         |        | 23.29  | 22.96  | 23.45   |
| 15+15                                     | 75      | 0         | 100     | 0         | 64-QAM | 20.33  | 20.86  | 21.21   |
| 15+15                                     | 1       | 0         | 1       | 99        |        | 15.32  | 15.27  | 15.32   |
| 15+15                                     | 1       | 74        | 1       | 0         |        | 21.23  | 21.18  | 21.46   |
| 15+10                                     | 75      | 0         | 100     | 0         | QPSK   | 22.26  | 22.29  | 22.44   |
| 15+10                                     | 1       | 0         | 1       | 99        |        | 15.30  | 15.41  | 15.35   |
| 15+10                                     | 1       | 74        | 1       | 0         |        | 24.02  | 23.51  | 24.28   |
| 15+10                                     | 75      | 0         | 100     | 0         | 16-QAM | 21.25  | 21.41  | 21.54   |
| 15+10                                     | 1       | 0         | 1       | 99        |        | 15.32  | 15.33  | 15.42   |
| 15+10                                     | 1       | 74        | 1       | 0         |        | 23.25  | 22.98  | 23.44   |
| 15+10                                     | 75      | 0         | 100     | 0         | 64-QAM | 20.32  | 20.89  | 21.16   |
| 15+10                                     | 1       | 0         | 1       | 99        |        | 15.29  | 15.23  | 15.33   |
| 15+10                                     | 1       | 74        | 1       | 0         |        | 21.20  | 21.14  | 21.40   |

**<Primary Antenna>**

| LTE Band 30 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   | -      | 21.41  | -       |
| 10                                      | 1       | 25        |        |        | 21.40  |         |
| 10                                      | 1       | 49        |        |        | 21.50  |         |
| 10                                      | 25      | 0         |        |        | 20.44  |         |
| 10                                      | 25      | 12        |        |        | 20.47  |         |
| 10                                      | 25      | 25        |        |        | 20.41  |         |
| 10                                      | 50      | 0         |        |        | 20.44  |         |
| 10                                      | 1       | 0         |        |        | 20.75  |         |
| 10                                      | 1       | 25        | 20.74  |        |        |         |
| 10                                      | 1       | 49        | 20.84  |        |        |         |
| 10                                      | 25      | 0         | 19.49  |        |        |         |
| 10                                      | 25      | 12        | 19.50  |        |        |         |
| 10                                      | 25      | 25        | 19.50  |        |        |         |
| 10                                      | 50      | 0         | 19.49  |        |        |         |
| 10                                      | 1       | 0         | 64-QAM |        | 19.62  |         |
| 10                                      | 1       | 25        |        |        | 19.63  |         |
| 10                                      | 1       | 49        |        |        | 19.74  |         |
| 10                                      | 25      | 0         |        |        | 18.50  |         |
| 10                                      | 25      | 12        |        |        | 18.52  |         |
| 10                                      | 25      | 25        |        |        | 18.51  |         |
| 10                                      | 50      | 0         |        |        | 18.49  |         |
| 5                                       | 1       | 0         |        | QPSK   | 21.38  | 21.40   |
| 5                                       | 1       | 12        | 21.41  |        | 21.40  | 21.48   |
| 5                                       | 1       | 24        | 21.39  |        | 21.39  | 21.45   |
| 5                                       | 12      | 0         | 20.42  |        | 20.40  | 20.40   |
| 5                                       | 12      | 7         | 20.45  |        | 20.42  | 20.40   |
| 5                                       | 12      | 13        | 20.40  |        | 20.41  | 20.48   |
| 5                                       | 25      | 0         | 20.41  |        | 20.42  | 20.40   |
| 5                                       | 1       | 0         | 16-QAM |        | 20.72  | 20.71   |
| 5                                       | 1       | 12        |        | 20.74  | 20.74  | 20.81   |
| 5                                       | 1       | 24        |        | 20.72  | 20.70  | 20.81   |
| 5                                       | 12      | 0         |        | 19.47  | 19.45  | 19.45   |
| 5                                       | 12      | 7         |        | 19.50  | 19.49  | 19.48   |
| 5                                       | 12      | 13        |        | 19.47  | 19.47  | 19.55   |
| 5                                       | 25      | 0         |        | 19.46  | 19.47  | 19.46   |
| 5                                       | 1       | 0         |        | 64-QAM | 19.62  | 19.61   |
| 5                                       | 1       | 12        | 19.61  |        | 19.63  | 19.69   |
| 5                                       | 1       | 24        | 19.60  |        | 19.60  | 19.68   |
| 5                                       | 12      | 0         | 18.49  |        | 18.50  | 18.47   |
| 5                                       | 12      | 7         | 18.51  |        | 18.52  | 18.51   |
| 5                                       | 12      | 13        | 18.51  |        | 18.50  | 18.60   |
| 5                                       | 25      | 0         | 18.46  |        | 18.48  | 18.45   |



<ASDIV Antenna>

| LTE Band 30 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 10                                      | 1       | 0         | QPSK   |        | 21.58  |         |
| 10                                      | 1       | 25        |        |        | 21.49  |         |
| 10                                      | 1       | 49        |        |        | 21.48  |         |
| 10                                      | 25      | 0         |        |        | 20.53  |         |
| 10                                      | 25      | 12        |        |        | 20.53  |         |
| 10                                      | 25      | 25        |        |        | 20.47  |         |
| 10                                      | 50      | 0         |        |        | 20.53  |         |
| 10                                      | 1       | 0         | 16-QAM | -      | 20.81  | -       |
| 10                                      | 1       | 25        |        |        | 20.83  |         |
| 10                                      | 1       | 49        |        |        | 20.79  |         |
| 10                                      | 25      | 0         |        |        | 19.59  |         |
| 10                                      | 25      | 12        |        |        | 19.63  |         |
| 10                                      | 25      | 25        |        |        | 19.58  |         |
| 10                                      | 50      | 0         |        |        | 19.58  |         |
| 10                                      | 1       | 0         | 64-QAM |        | 19.76  |         |
| 10                                      | 1       | 25        |        |        | 19.73  |         |
| 10                                      | 1       | 49        |        |        | 19.70  |         |
| 10                                      | 25      | 0         |        |        | 18.61  |         |
| 10                                      | 25      | 12        |        |        | 18.64  |         |
| 10                                      | 25      | 25        |        |        | 18.58  |         |
| 10                                      | 50      | 0         |        |        | 18.60  |         |
| 5                                       | 1       | 0         | QPSK   | 21.48  | 21.57  | 21.54   |
| 5                                       | 1       | 12        |        | 21.55  | 21.58  | 21.55   |
| 5                                       | 1       | 24        |        | 21.57  | 21.57  | 21.54   |
| 5                                       | 12      | 0         |        | 20.60  | 20.60  | 20.59   |
| 5                                       | 12      | 7         |        | 20.63  | 20.63  | 20.61   |
| 5                                       | 12      | 13        |        | 20.61  | 20.59  | 20.54   |
| 5                                       | 25      | 0         |        | 20.52  | 20.59  | 20.56   |
| 5                                       | 1       | 0         | 16-QAM | 20.89  | 20.94  | 20.90   |
| 5                                       | 1       | 12        |        | 20.86  | 20.84  | 20.90   |
| 5                                       | 1       | 24        |        | 20.89  | 20.86  | 20.87   |
| 5                                       | 12      | 0         |        | 19.67  | 19.68  | 19.65   |
| 5                                       | 12      | 7         |        | 19.71  | 19.68  | 19.67   |
| 5                                       | 12      | 13        |        | 19.66  | 19.67  | 19.64   |
| 5                                       | 25      | 0         |        | 19.67  | 19.66  | 19.64   |
| 5                                       | 1       | 0         | 64-QAM | 19.83  | 19.82  | 19.80   |
| 5                                       | 1       | 12        |        | 19.83  | 19.82  | 19.81   |
| 5                                       | 1       | 24        |        | 19.81  | 19.79  | 19.76   |
| 5                                       | 12      | 0         |        | 18.69  | 18.69  | 18.67   |
| 5                                       | 12      | 7         |        | 18.73  | 18.73  | 18.70   |
| 5                                       | 12      | 13        |        | 18.71  | 18.70  | 18.68   |
| 5                                       | 25      | 0         |        | 18.68  | 18.67  | 18.64   |

## LTE Band 5B

### 26dB Bandwidth

| Mode       | LTE Band 5B : 26dB BW(MHz) |               |            |
|------------|----------------------------|---------------|------------|
| QPSK       |                            |               |            |
| BW         | 3MHz+5MHz                  | 5MHz+3MHz     | 5MHz+10MHz |
| Lowest CH  | not supported              | not supported | 14.60      |
| Middle CH  | not supported              | not supported | 14.69      |
| Highest CH | not supported              | not supported | 14.48      |
| BW         | 10MHz+5MHz                 | 10MHz+10MHz   | N/A        |
| Lowest CH  | 14.54                      | 19.66         | -          |
| Middle CH  | 14.63                      | 19.58         | -          |
| Highest CH | 14.72                      | 19.54         | -          |

| Mode       | LTE Band 5B : 26dB BW(MHz) |               |            |
|------------|----------------------------|---------------|------------|
| 16QAM      |                            |               |            |
| BW         | 3MHz+5MHz                  | 5MHz+3MHz     | 5MHz+10MHz |
| Lowest CH  | not supported              | not supported | 14.51      |
| Middle CH  | not supported              | not supported | 14.57      |
| Highest CH | not supported              | not supported | 14.60      |
| BW         | 10MHz+5MHz                 | 10MHz+10MHz   | N/A        |
| Lowest CH  | 14.69                      | 19.54         | -          |
| Middle CH  | 14.57                      | 19.58         | -          |
| Highest CH | 14.66                      | 19.58         | -          |

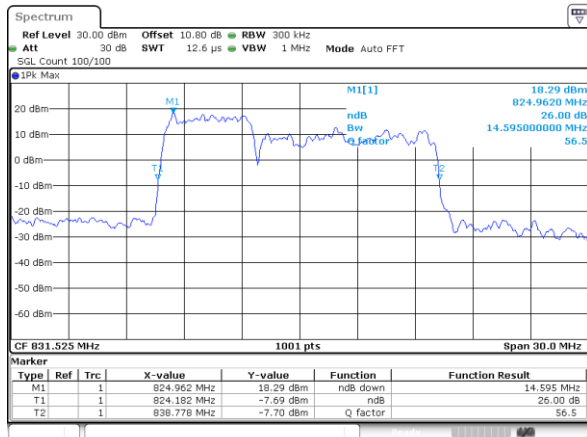
| Mode       | LTE Band 5B : 26dB BW(MHz) |               |            |
|------------|----------------------------|---------------|------------|
| 64QAM      |                            |               |            |
| BW         | 3MHz+5MHz                  | 5MHz+3MHz     | 5MHz+10MHz |
| Lowest CH  | not supported              | not supported | 14.60      |
| Middle CH  | not supported              | not supported | 14.57      |
| Highest CH | not supported              | not supported | 14.54      |
| BW         | 10MHz+5MHz                 | 10MHz+10MHz   | N/A        |
| Lowest CH  | 14.75                      | 19.58         | -          |
| Middle CH  | 14.72                      | 19.66         | -          |
| Highest CH | 14.60                      | 19.54         | -          |



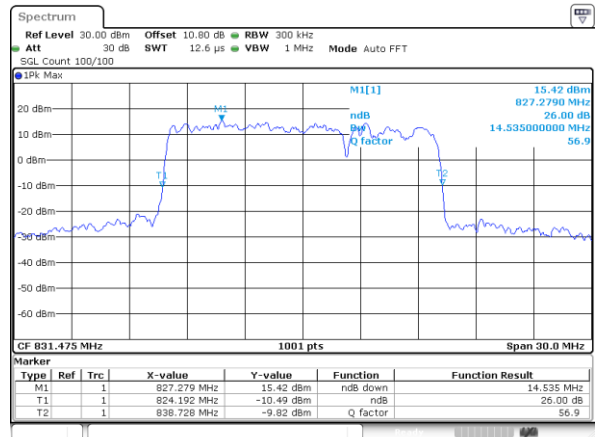
## LTE Band 5B

## QPSK

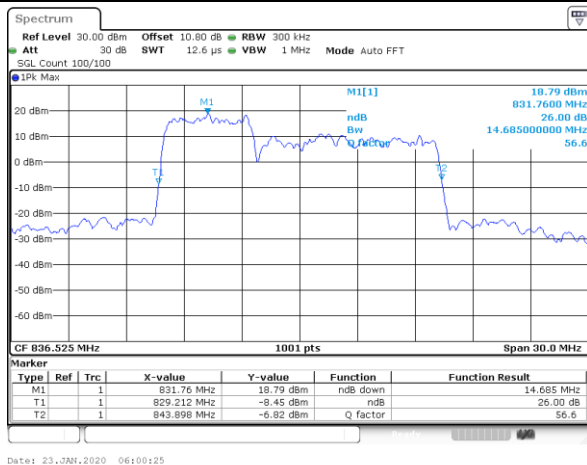
## Lowest Channel / 5MHz+10MHz



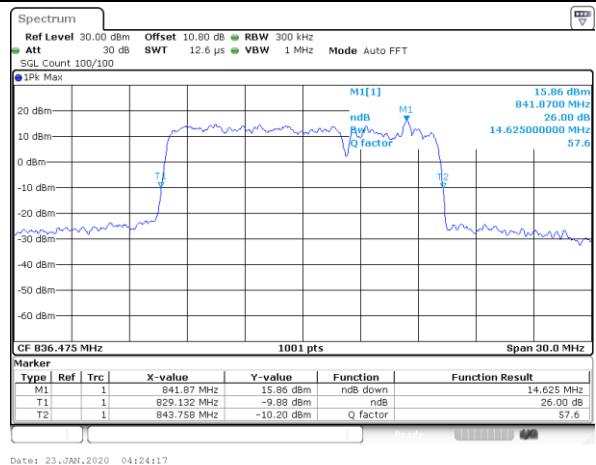
## Lowest Channel / 10MHz+5MHz



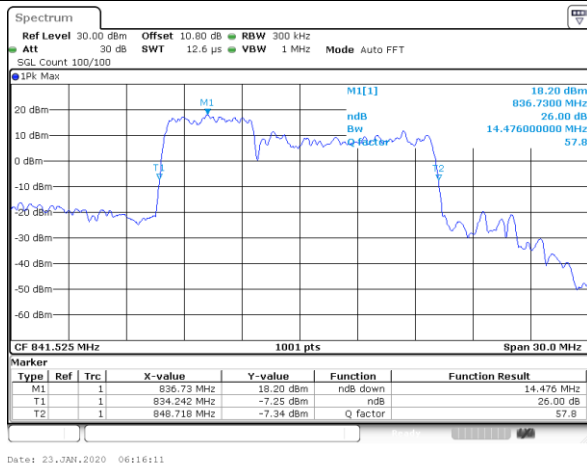
## Middle Channel / 5MHz+10MHz



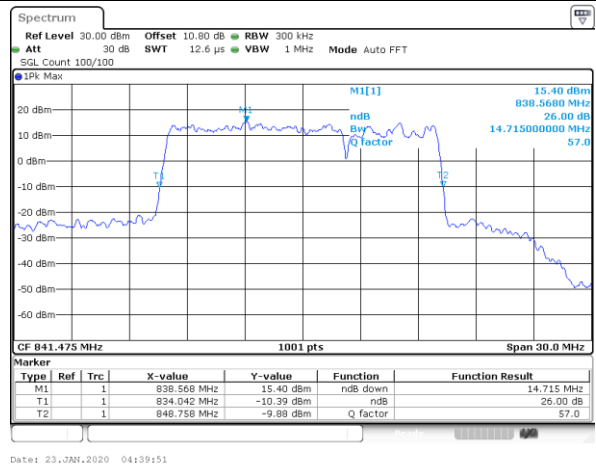
## Middle Channel / 10MHz+5MHz



## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz



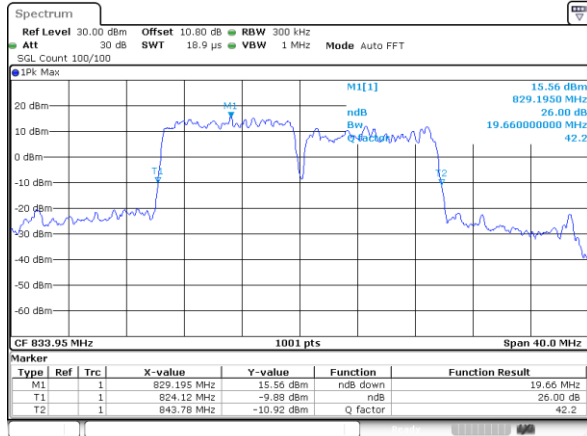


## LTE Band 5B

## QPSK

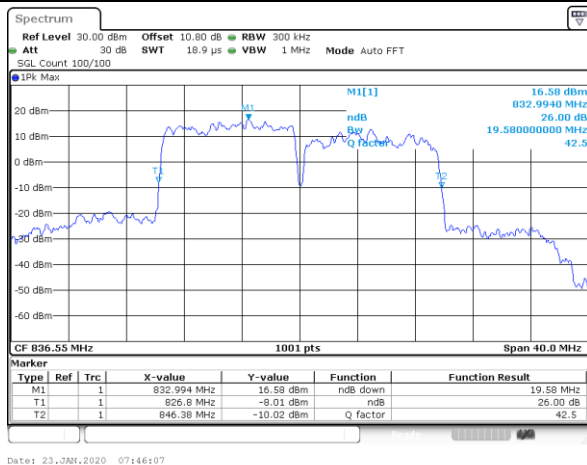
## Lowest Channel / 10MHz+10MHz

N/A



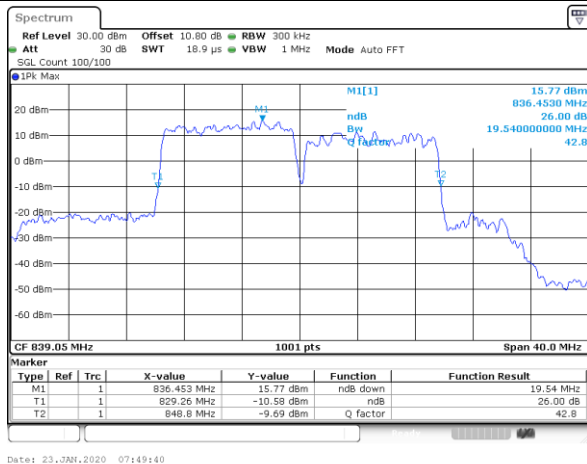
## Middle Channel / 10MHz+10MHz

N/A



## Highest Channel / 10MHz+10MHz

N/A

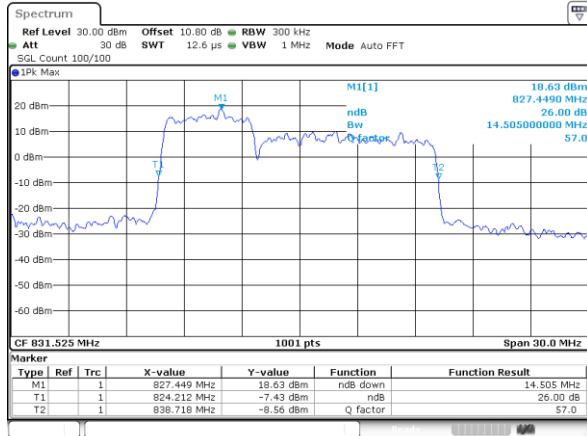




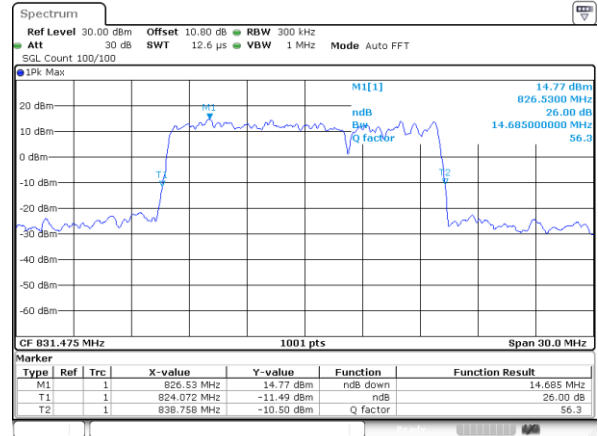
## LTE Band 5B

## 16QAM

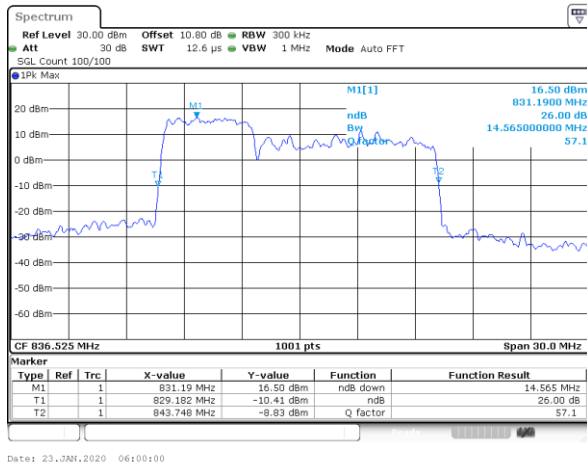
## Lowest Channel / 5MHz+10MHz



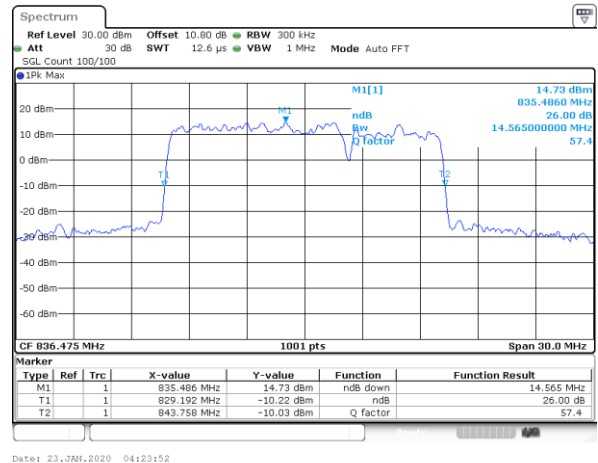
## Lowest Channel / 10MHz+5MHz



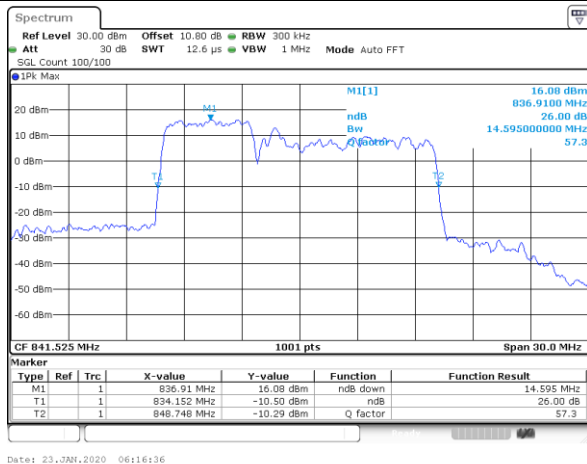
## Middle Channel / 5MHz+10MHz



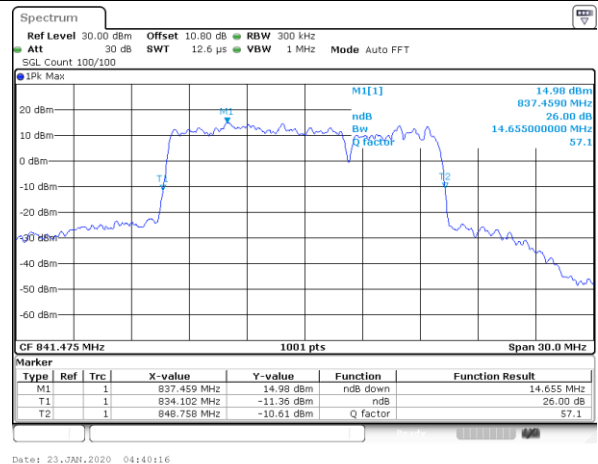
## Middle Channel / 10MHz+5MHz



## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz



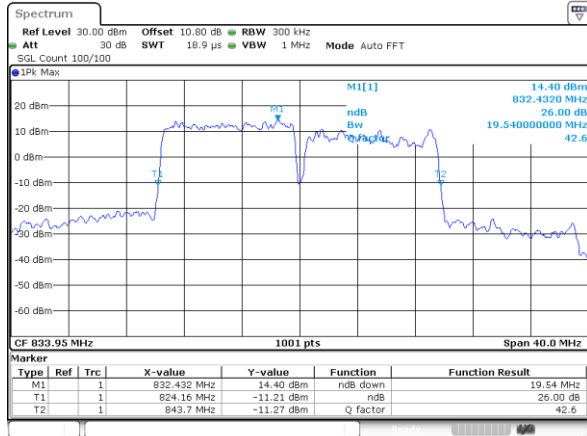


## LTE Band 5B

## 16QAM

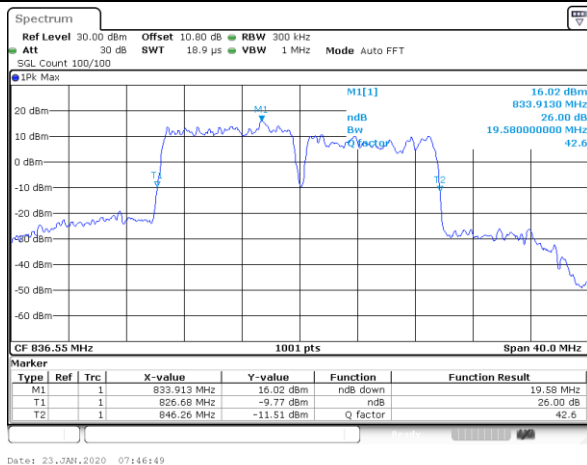
## Lowest Channel / 10MHz+10MHz

N/A



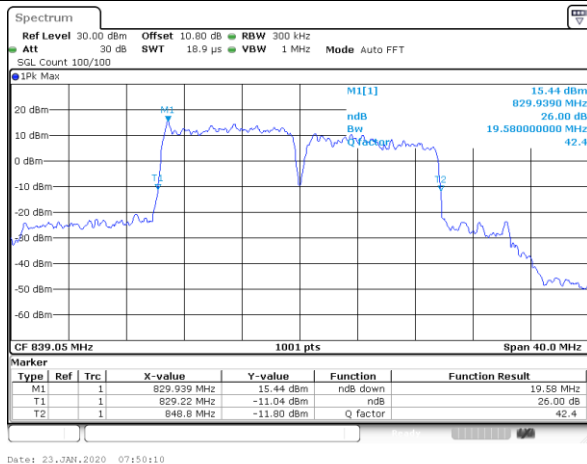
## Middle Channel / 10MHz+10MHz

N/A



## Highest Channel / 10MHz+10MHz

N/A

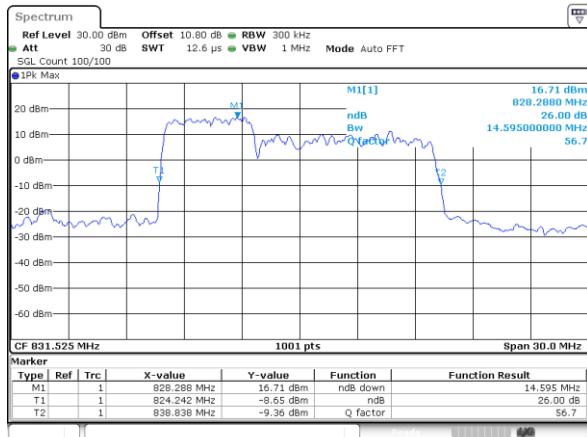




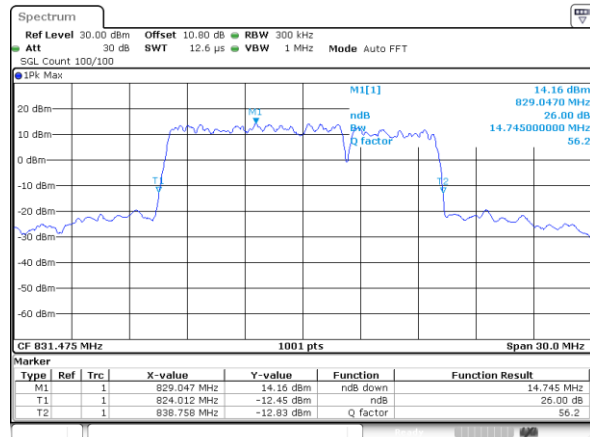
## LTE Band 5B

## 64QAM

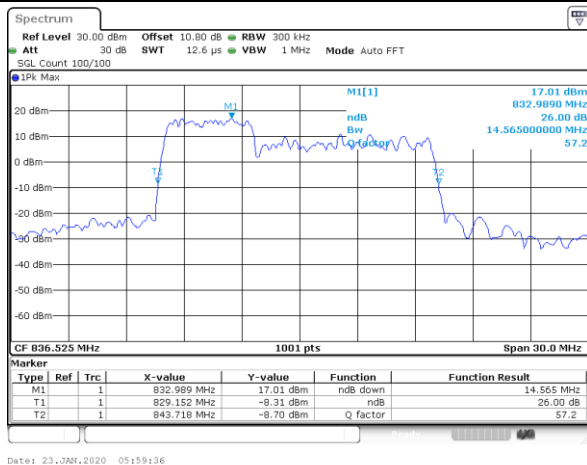
## Lowest Channel / 5MHz+10MHz



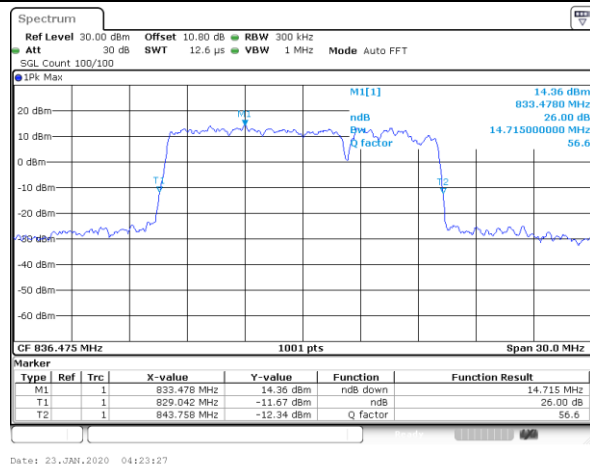
## Lowest Channel / 10MHz+5MHz



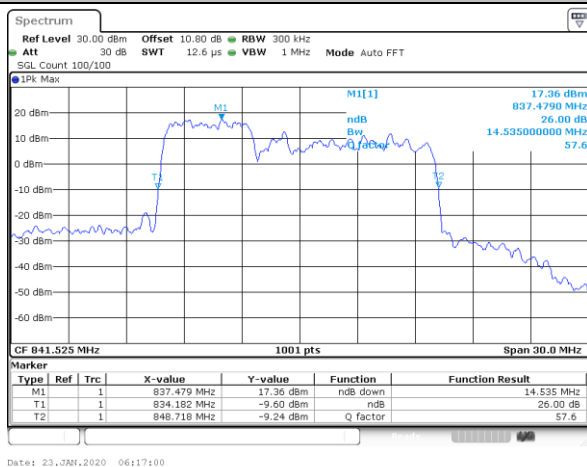
## Middle Channel / 5MHz+10MHz



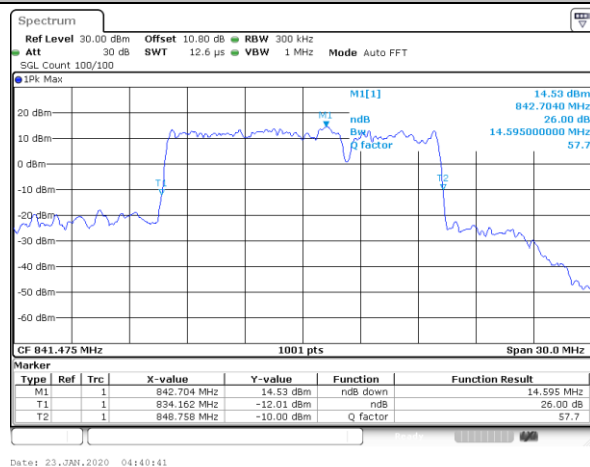
## Middle Channel / 10MHz+5MHz



## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz



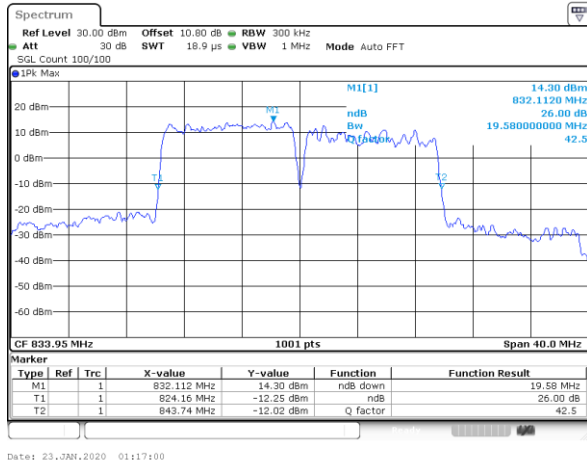


## LTE Band 5B

## 64QAM

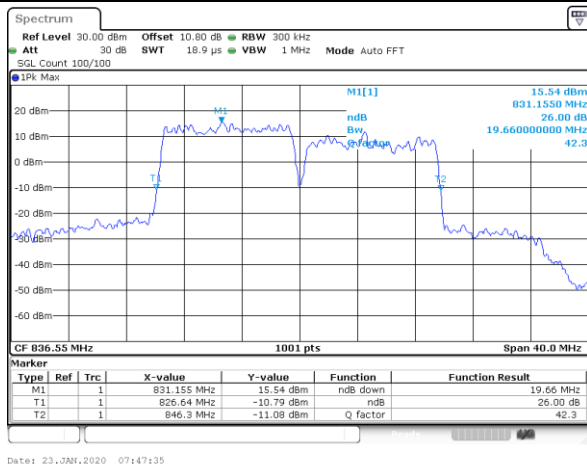
## Lowest Channel / 10MHz+10MHz

N/A



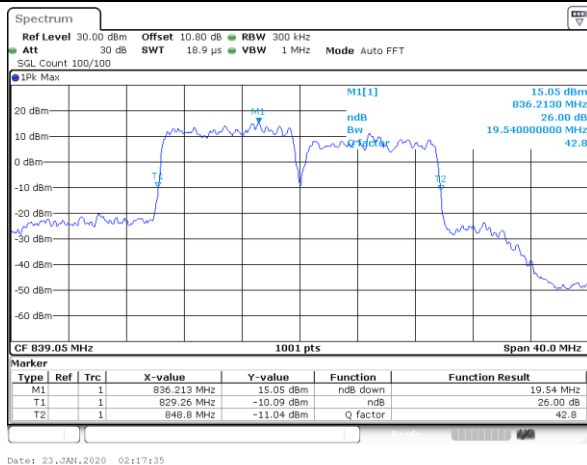
## Middle Channel / 10MHz+10MHz

N/A



## Highest Channel / 10MHz+10MHz

N/A



## Occupied Bandwidth

| Mode       | LTE Band 5B : 99%OBW(MHz) |               |            |
|------------|---------------------------|---------------|------------|
| QPSK       |                           |               |            |
| BW         | 3MHz+5MHz                 | 5MHz+3MHz     | 5MHz+10MHz |
| Lowest CH  | not supported             | not supported | 13.76      |
| Middle CH  | not supported             | not supported | 13.79      |
| Highest CH | not supported             | not supported | 13.79      |
| BW         | 10MHz+5MHz                | 10MHz+10MHz   | N/A        |
| Lowest CH  | 13.79                     | 18.82         | -          |
| Middle CH  | 13.85                     | 18.70         | -          |
| Highest CH | 13.82                     | 18.74         | -          |

| Mode       | LTE Band 5B : 99%OBW(MHz) |               |            |
|------------|---------------------------|---------------|------------|
| 16QAM      |                           |               |            |
| BW         | 3MHz+5MHz                 | 5MHz+3MHz     | 5MHz+10MHz |
| Lowest CH  | not supported             | not supported | 13.79      |
| Middle CH  | not supported             | not supported | 13.76      |
| Highest CH | not supported             | not supported | 13.79      |
| BW         | 10MHz+5MHz                | 10MHz+10MHz   | N/A        |
| Lowest CH  | 13.82                     | 18.70         | -          |
| Middle CH  | 13.91                     | 18.58         | -          |
| Highest CH | 13.82                     | 18.66         | -          |

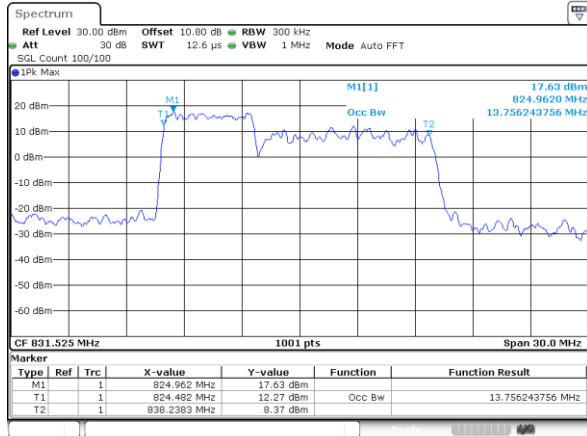
| Mode       | LTE Band 5B : 99%OBW(MHz) |               |            |
|------------|---------------------------|---------------|------------|
| 64QAM      |                           |               |            |
| BW         | 3MHz+5MHz                 | 5MHz+3MHz     | 5MHz+10MHz |
| Lowest CH  | not supported             | not supported | 13.88      |
| Middle CH  | not supported             | not supported | 13.76      |
| Highest CH | not supported             | not supported | 13.79      |
| BW         | 10MHz+5MHz                | 10MHz+10MHz   | N/A        |
| Lowest CH  | 13.97                     | 18.62         | -          |
| Middle CH  | 13.91                     | 18.78         | -          |
| Highest CH | 13.82                     | 18.66         | -          |



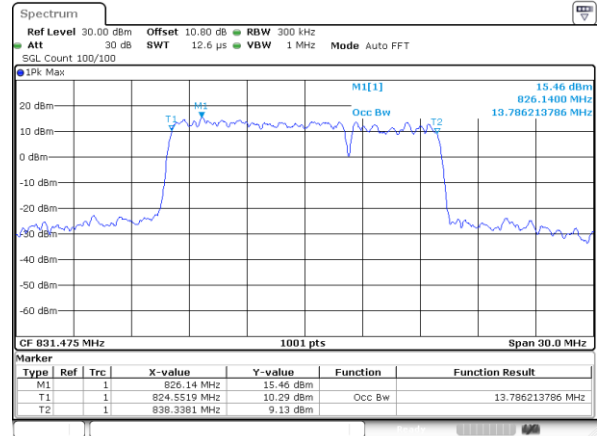
## LTE Band 5B

## QPSK

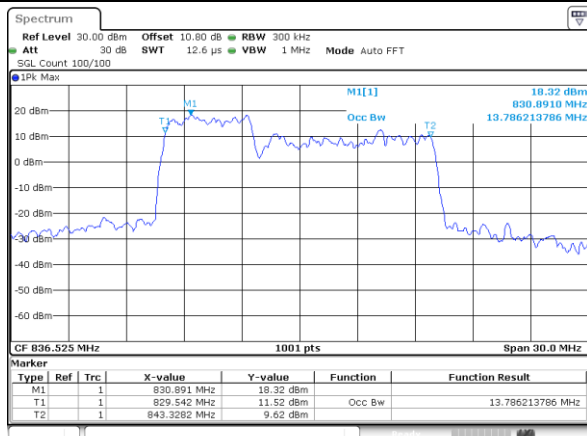
## Lowest Channel / 5MHz+10MHz



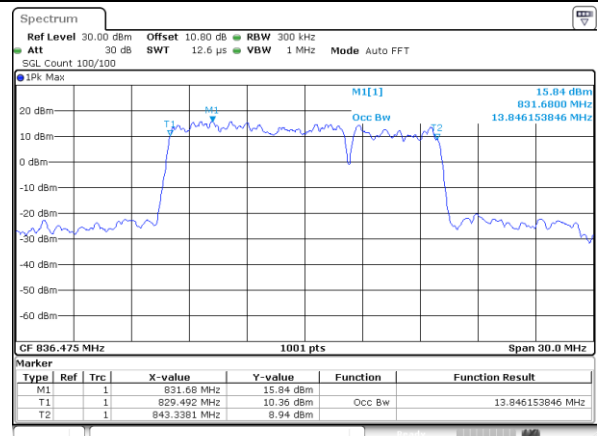
## Lowest Channel / 10MHz+5MHz



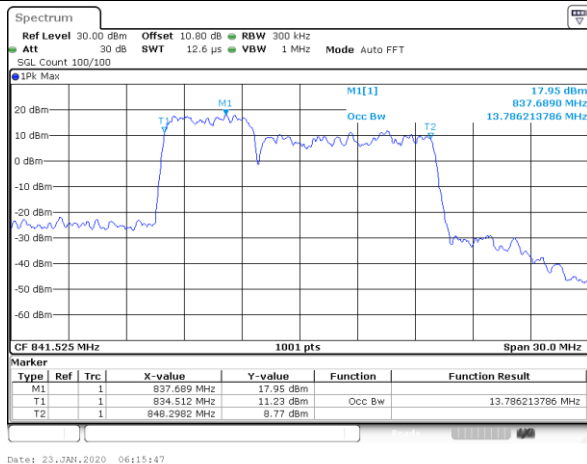
## Middle Channel / 5MHz+10MHz



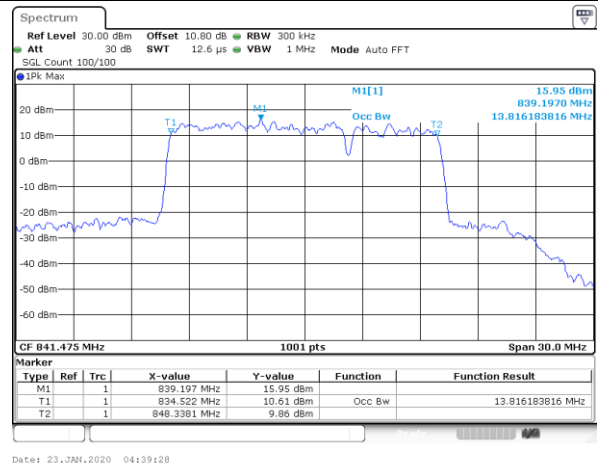
## Middle Channel / 10MHz+5MHz



## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz



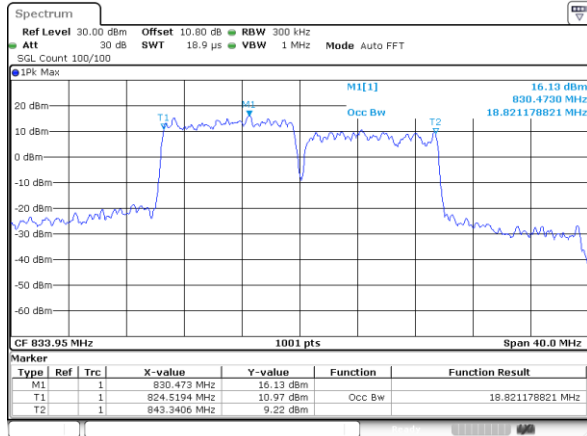


## LTE Band 5B

## QPSK

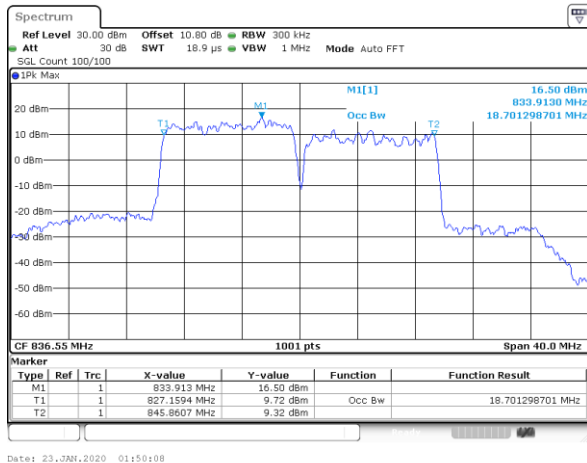
## Lowest Channel / 10MHz+10MHz

N/A



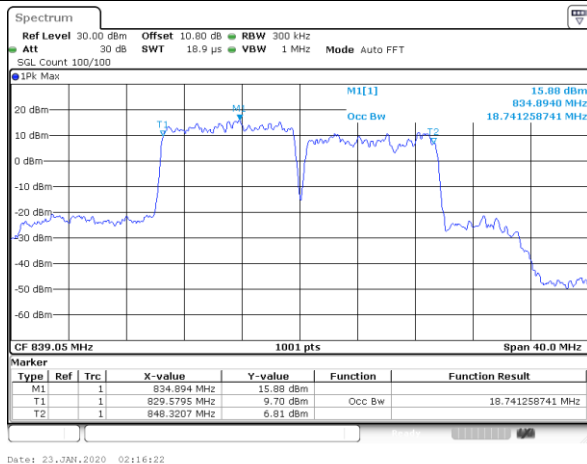
## Middle Channel / 10MHz+10MHz

N/A



## Highest Channel / 10MHz+10MHz

N/A

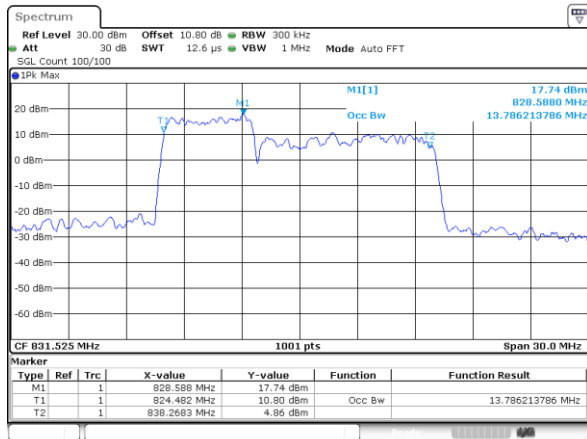




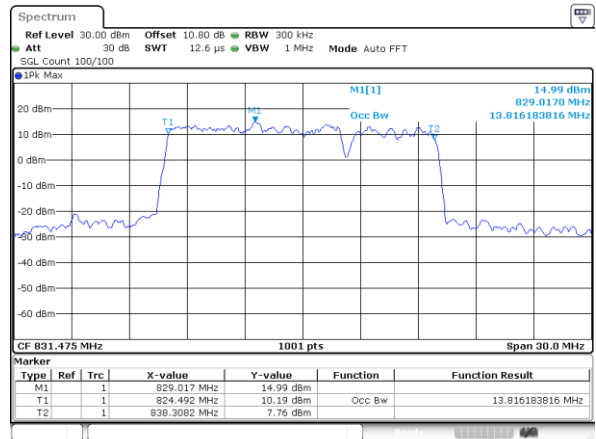
## LTE Band 5B

## 16QAM

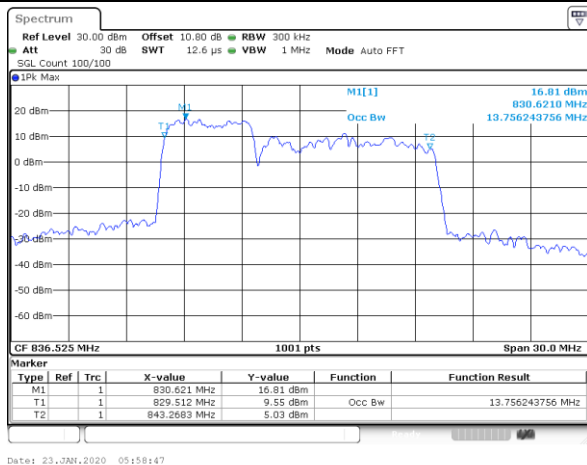
## Lowest Channel / 5MHz+10MHz



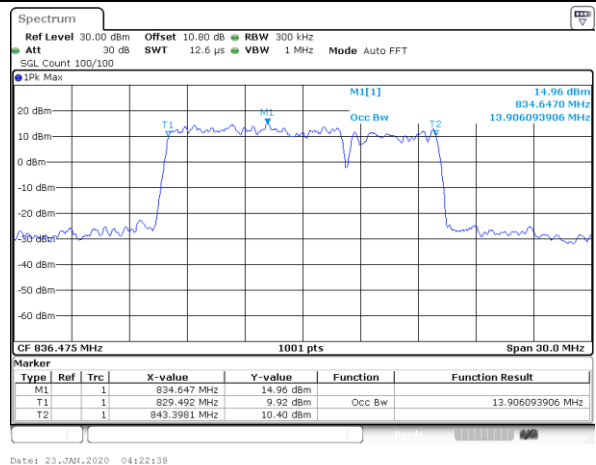
## Lowest Channel / 10MHz+5MHz



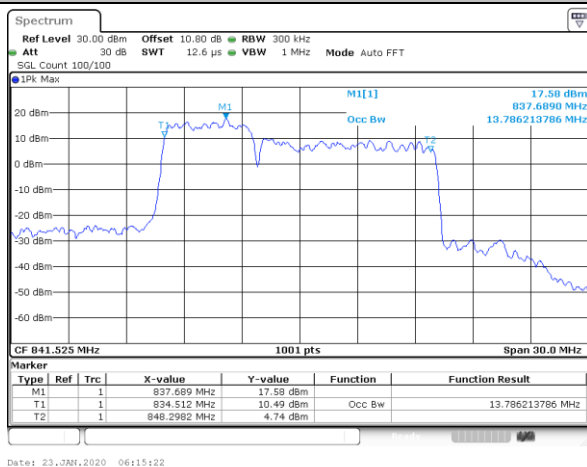
## Middle Channel / 5MHz+10MHz



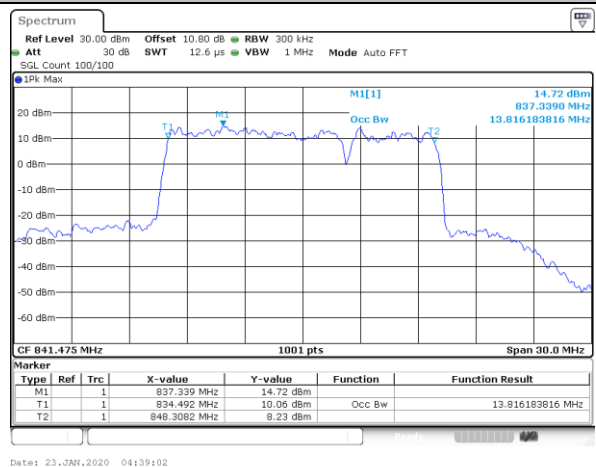
## Middle Channel / 10MHz+5MHz

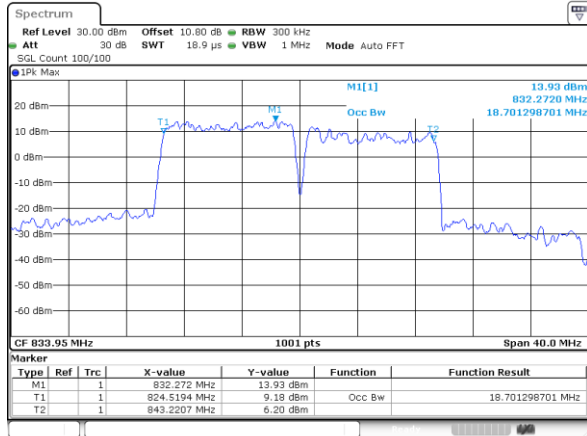
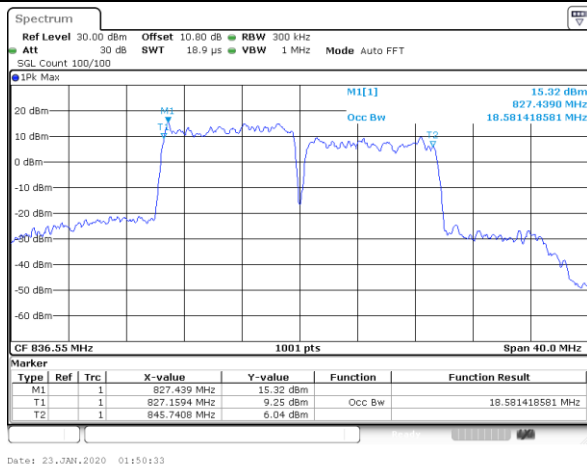
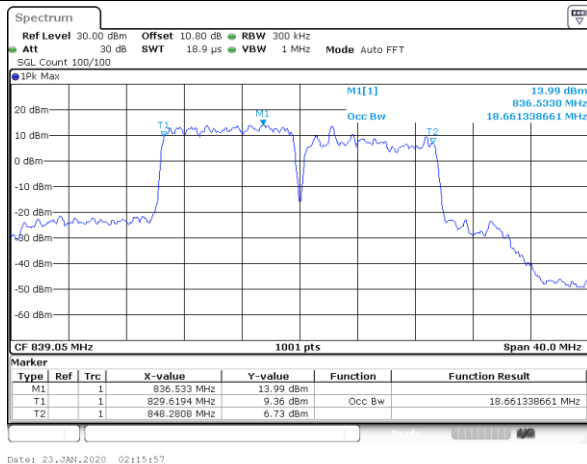


## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz



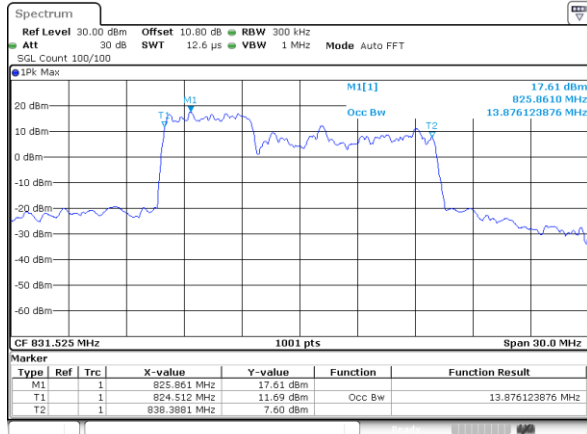
**LTE Band 5B****16QAM****Lowest Channel / 10MHz+10MHz****N/A****Middle Channel / 10MHz+10MHz****N/A****Highest Channel / 10MHz+10MHz****N/A**



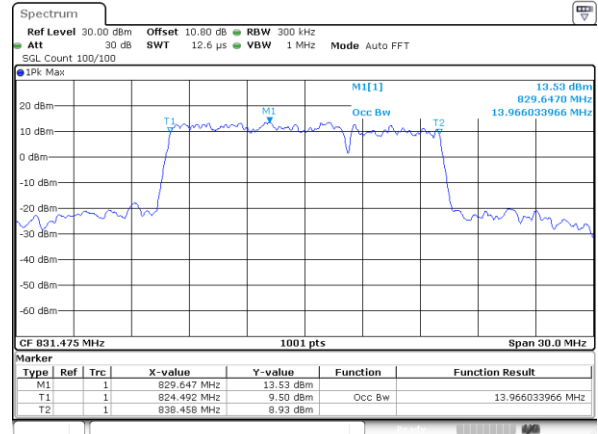
## LTE Band 5B

## 64QAM

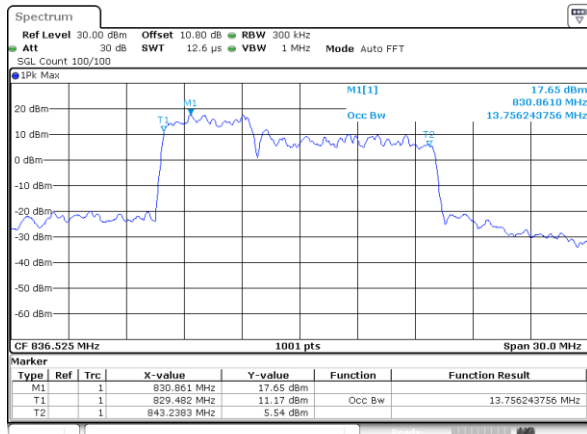
## Lowest Channel / 5MHz+10MHz



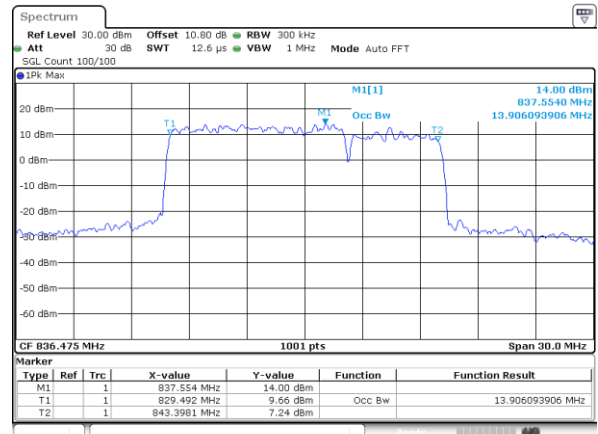
## Lowest Channel / 10MHz+5MHz



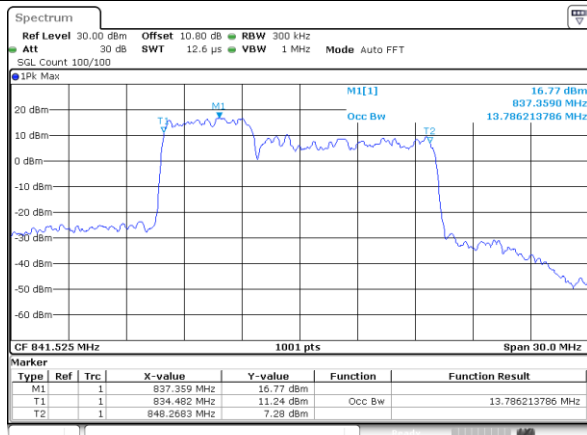
## Middle Channel / 5MHz+10MHz



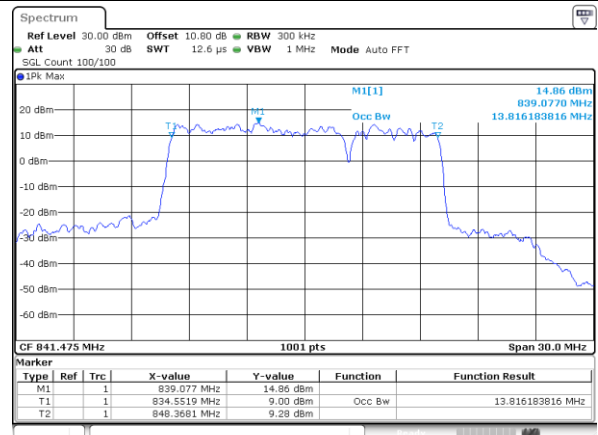
## Middle Channel / 10MHz+5MHz

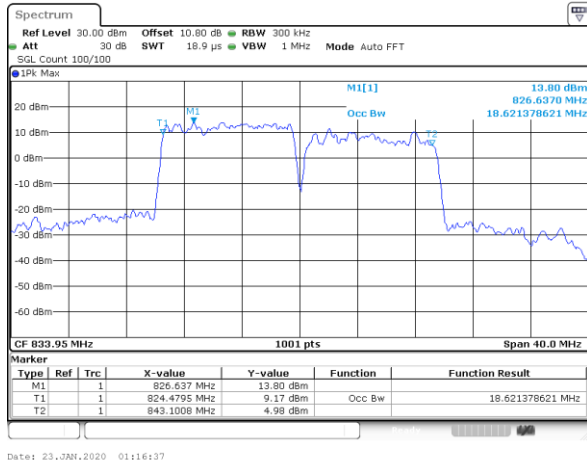
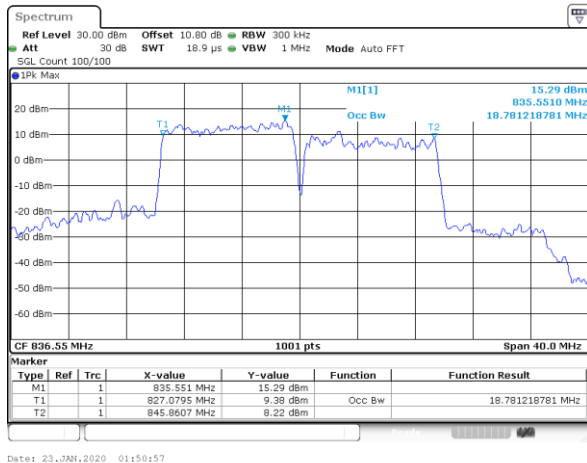
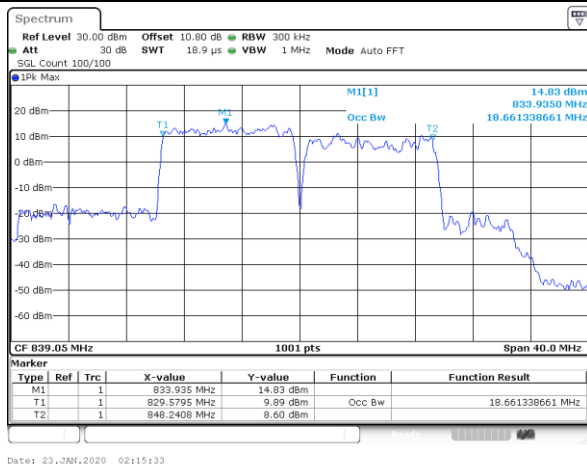


## Highest Channel / 5MHz+10MHz



## Highest Channel / 10MHz+5MHz



**LTE Band 5B****64QAM****Lowest Channel / 10MHz+10MHz****N/A****Middle Channel / 10MHz+10MHz****N/A****Highest Channel / 10MHz+10MHz****N/A**



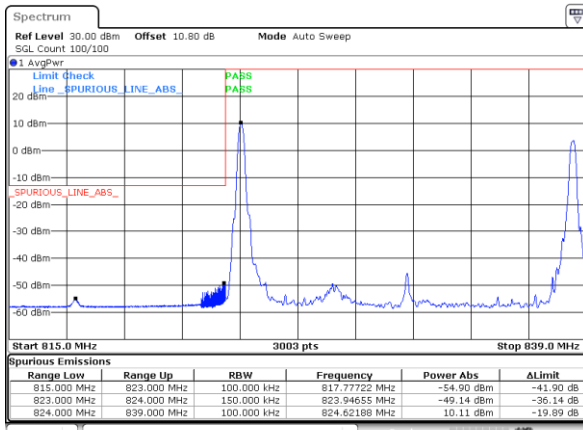
## **Conducted Band Edge**



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

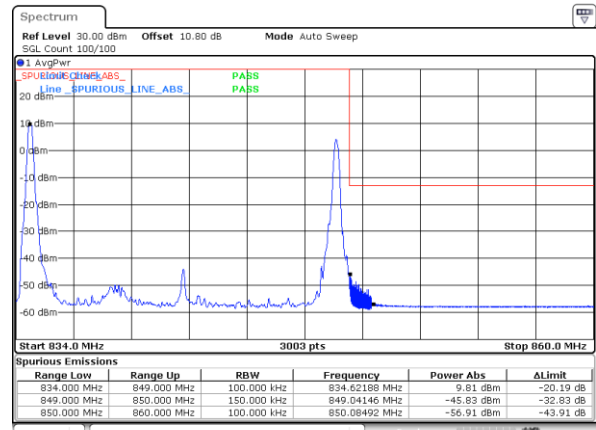
## QPSK

## Lowest Band Edge / 1RB0 and 1RB49



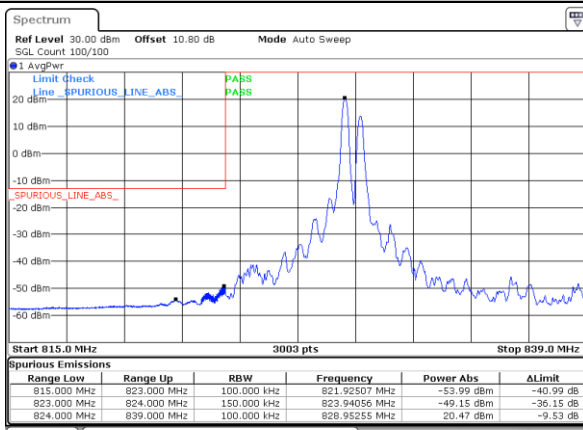
Date: 23.JAN.2020 05:12:12

## Highest Band Edge / 1RB0 and 1RB49



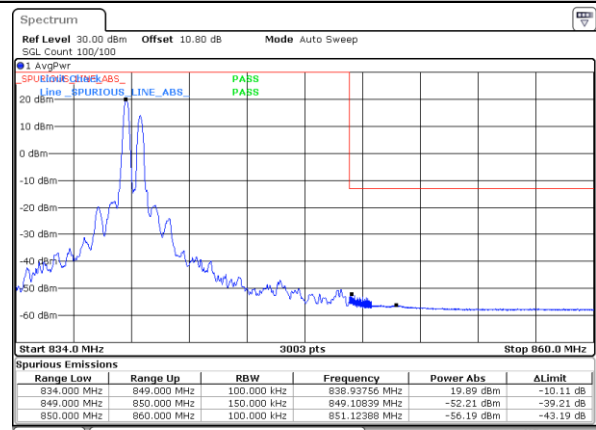
Date: 23.JAN.2020 06:12:42

## Lowest Band Edge / 1RB24 and 1RB0



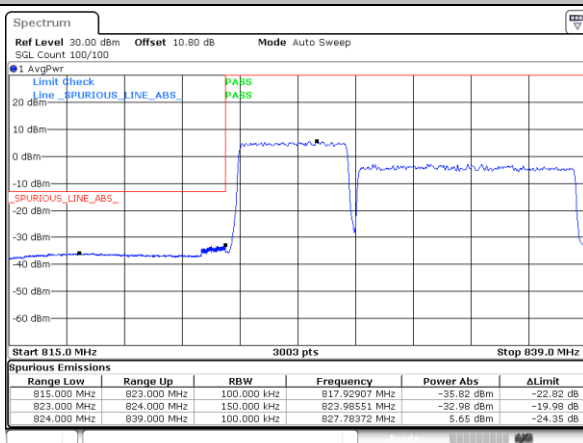
Date: 23.JAN.2020 05:28:08

## Highest Band Edge / 1RB24 and 1RB0



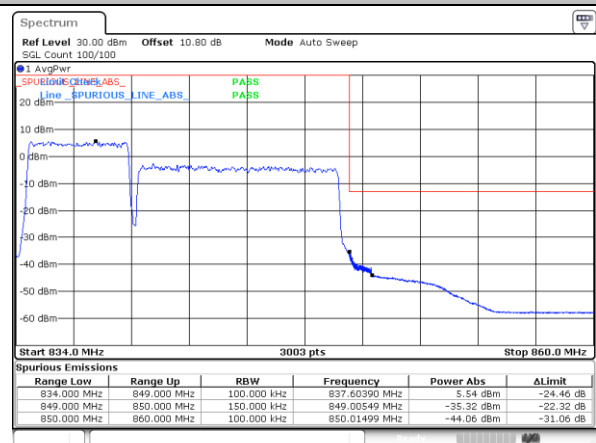
Date: 23.JAN.2020 06:13:20

## Lowest Band Edge / Full RB



Date: 23.JAN.2020 05:16:24

## Highest Band Edge / Full RB



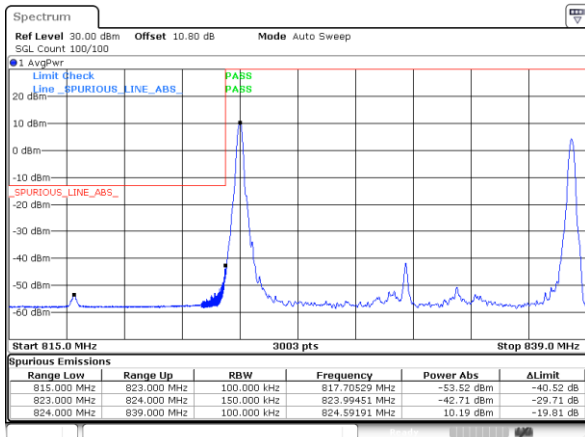
Date: 23.JAN.2020 06:12:47



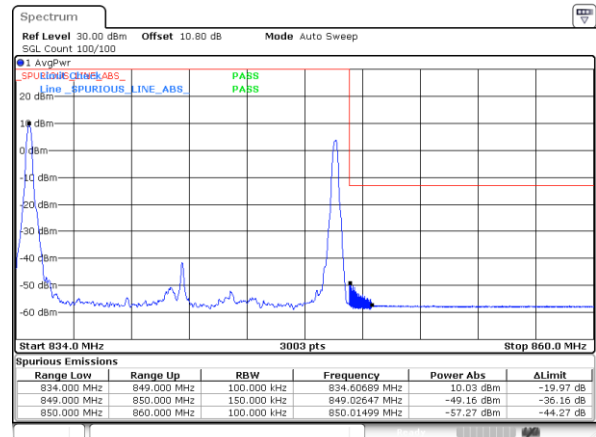
## LTE Band 5B / 10MHz+5MHz

## QPSK

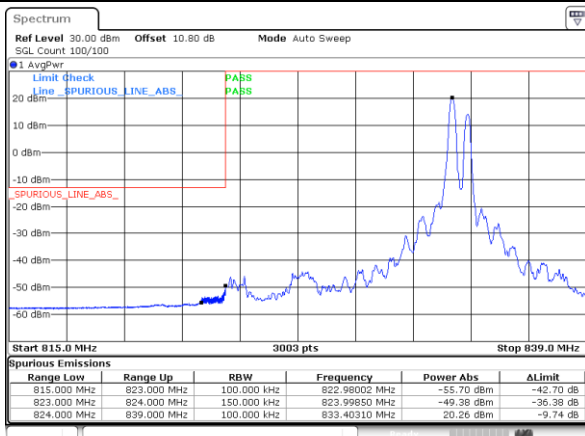
## Lowest Band Edge / 1RB0 and 1RB24



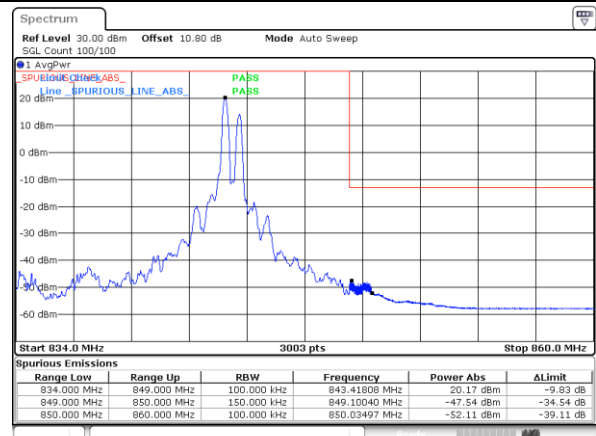
## Highest Band Edge / 1RB0 and 1RB24



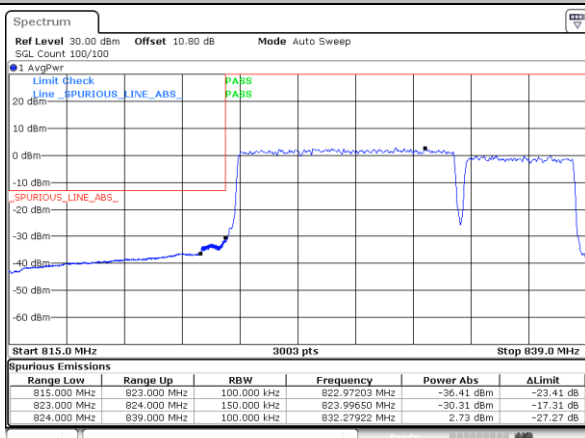
## Lowest Band Edge / 1RB49 and 1RB0



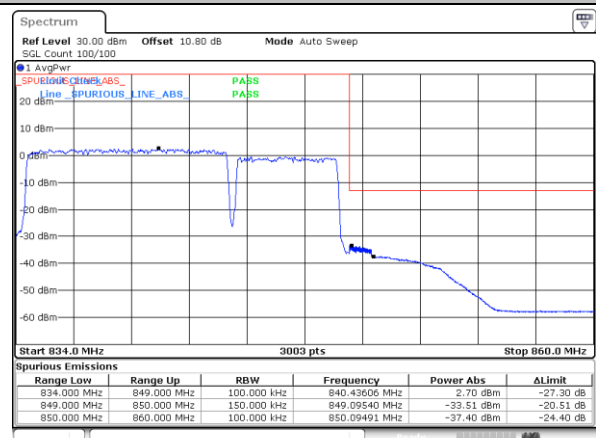
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

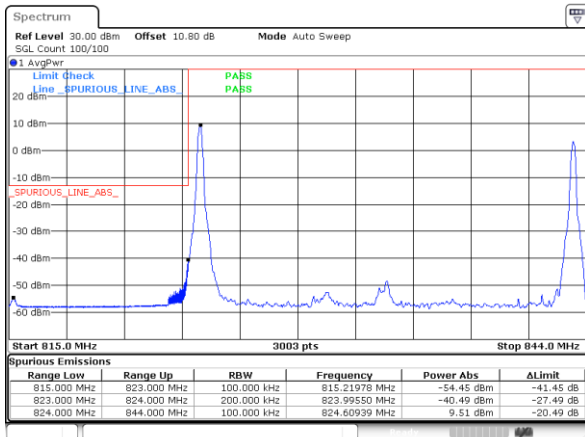




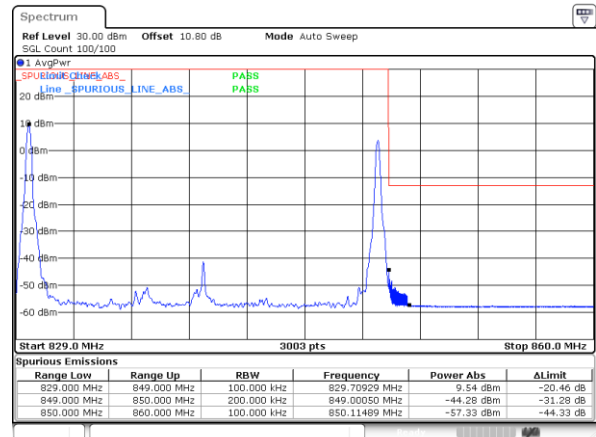
## LTE Band 5B / 10MHz+10MHz

## QPSK

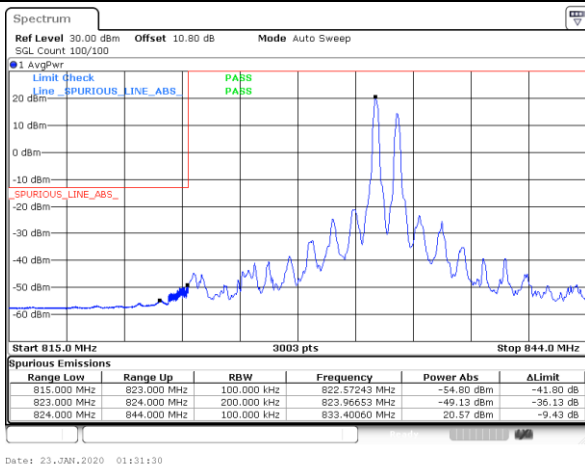
## Lowest Band Edge / 1RB0 and 1RB49



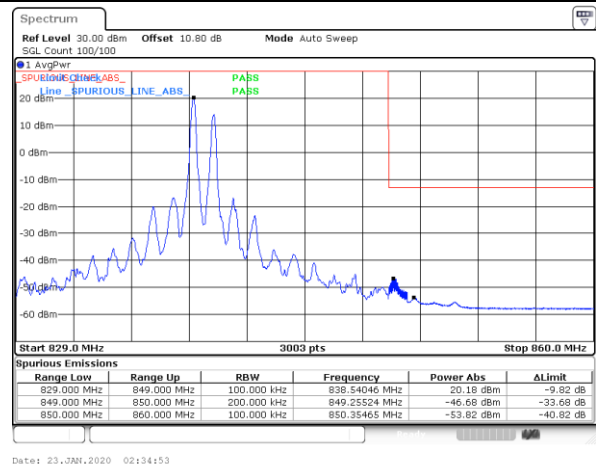
## Highest Band Edge / 1RB0 and 1RB49



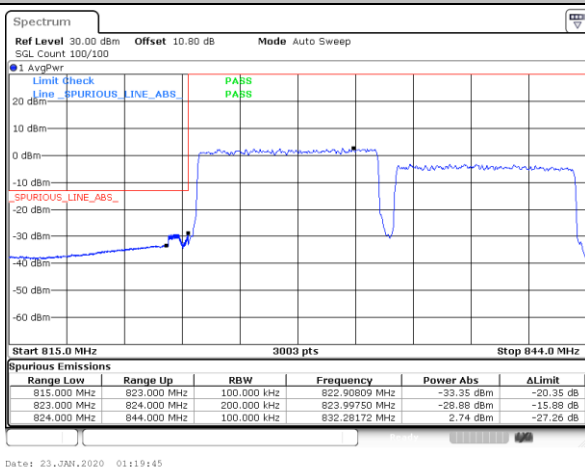
## Lowest Band Edge / 1RB49 and 1RB0



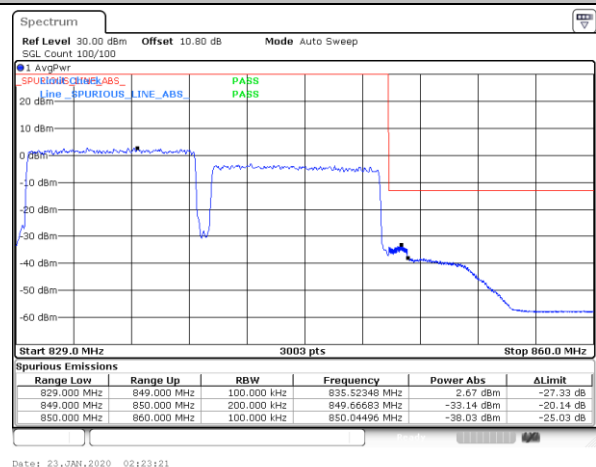
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

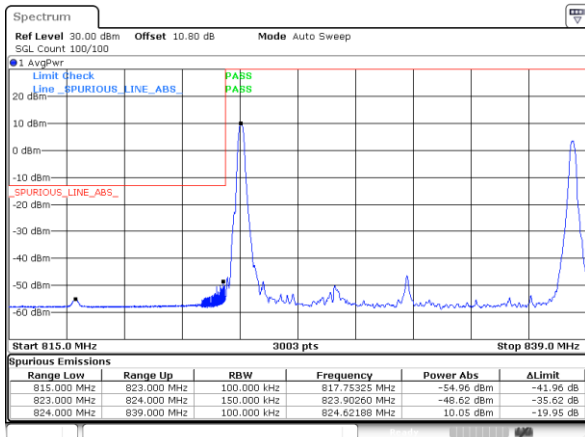




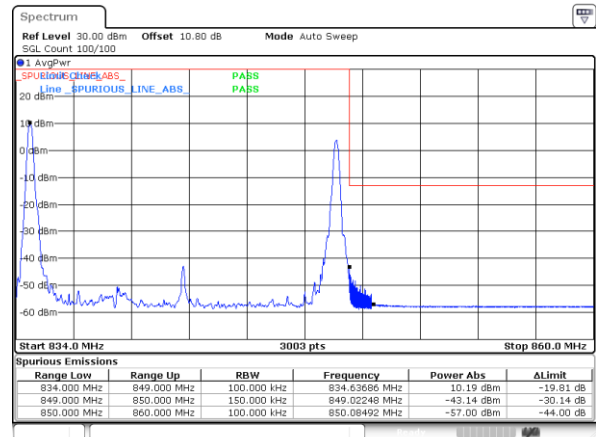
## LTE Band 5B / 5MHz+10MHz

## 16QAM

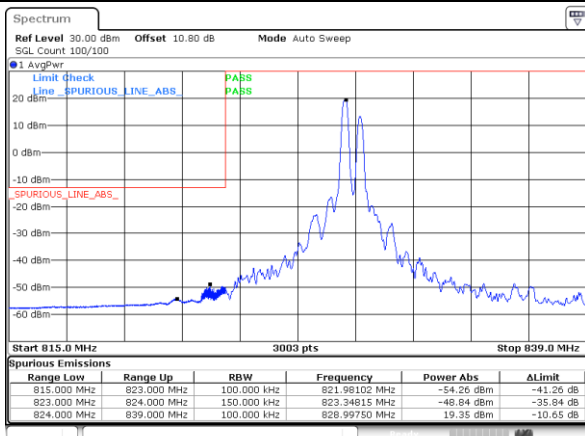
## Lowest Band Edge / 1RB0 and 1RB49



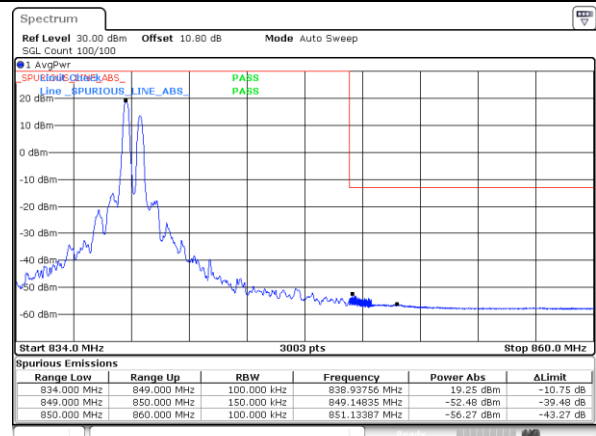
## Highest Band Edge / 1RB0 and 1RB49



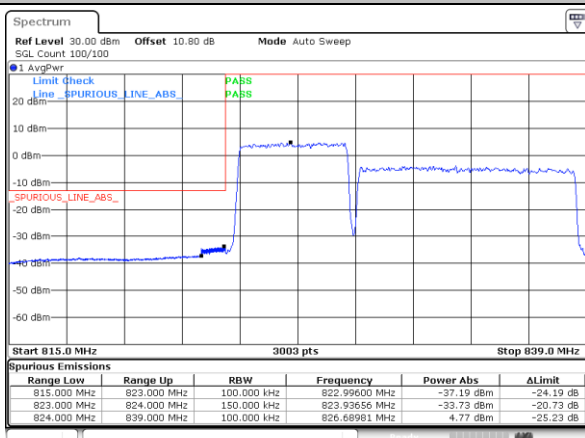
## Lowest Band Edge / 1RB24 and 1RB0



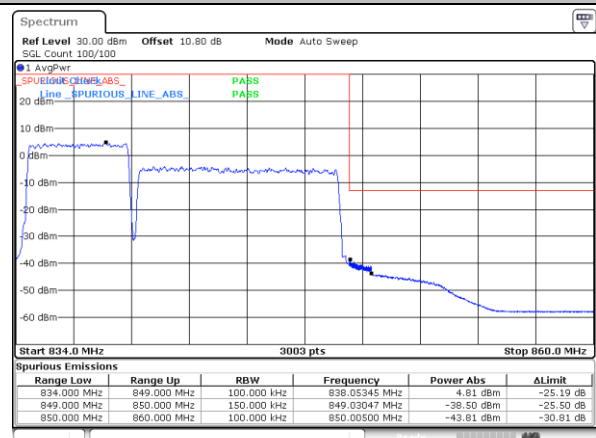
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

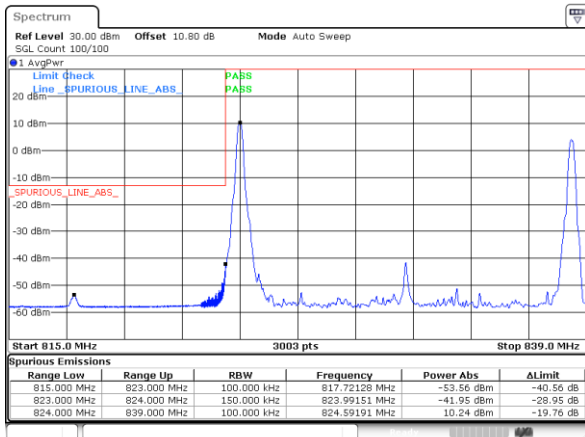




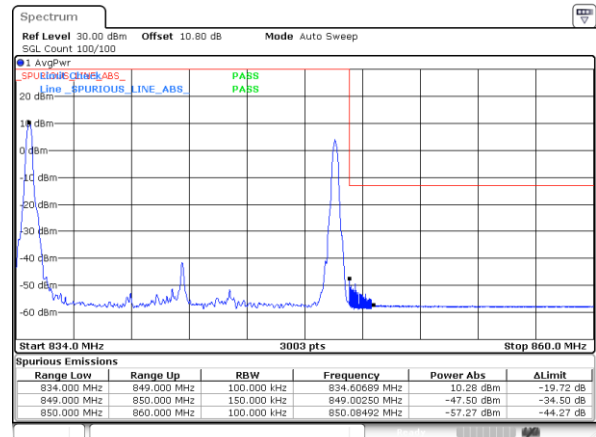
## LTE Band 5B / 10MHz+5MHz

## 16QAM

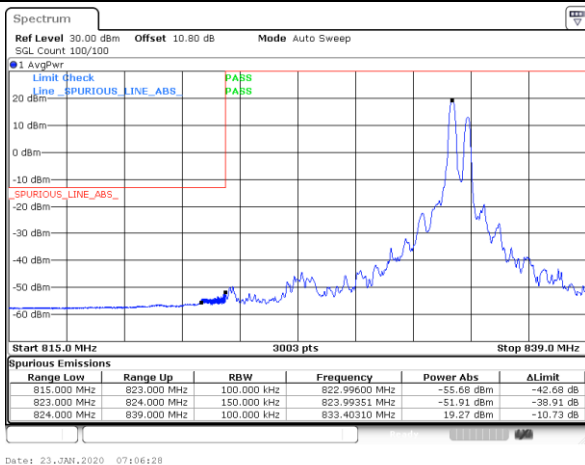
## Lowest Band Edge / 1RB0 and 1RB24



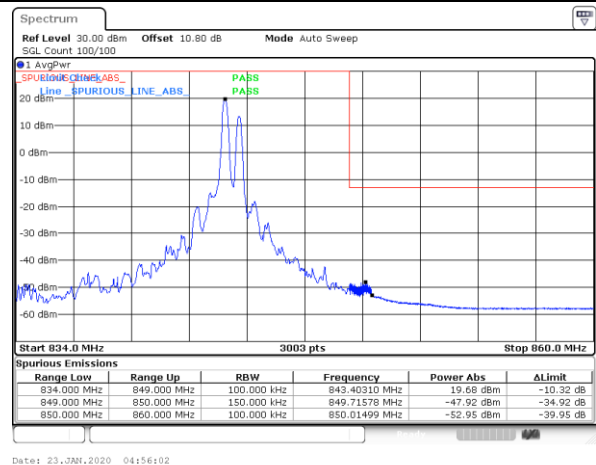
## Highest Band Edge / 1RB0 and 1RB24



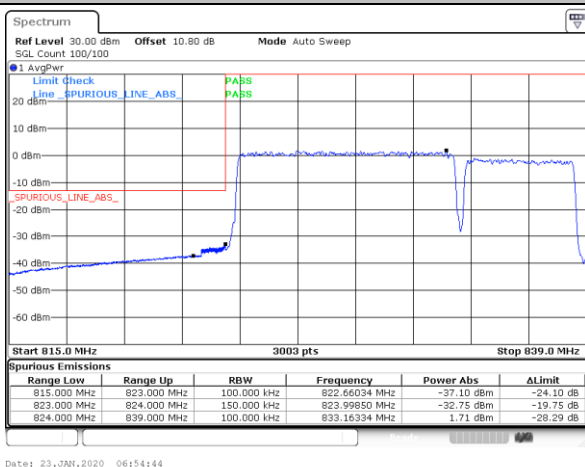
## Lowest Band Edge / 1RB49 and 1RB0



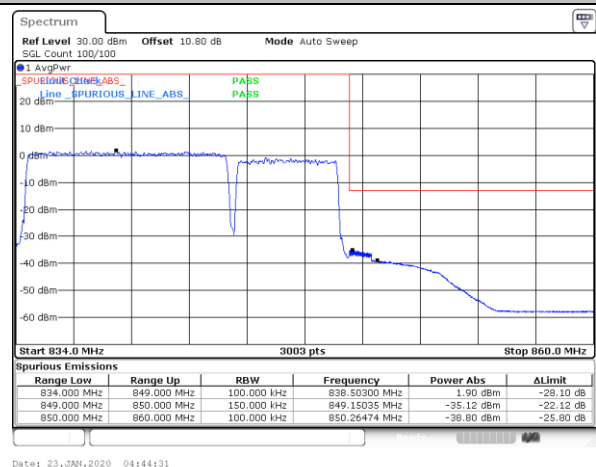
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

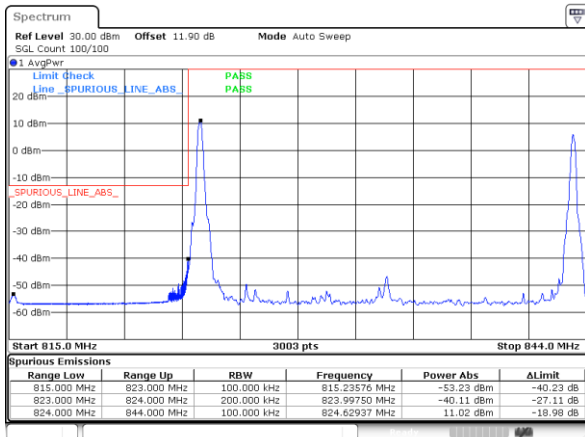




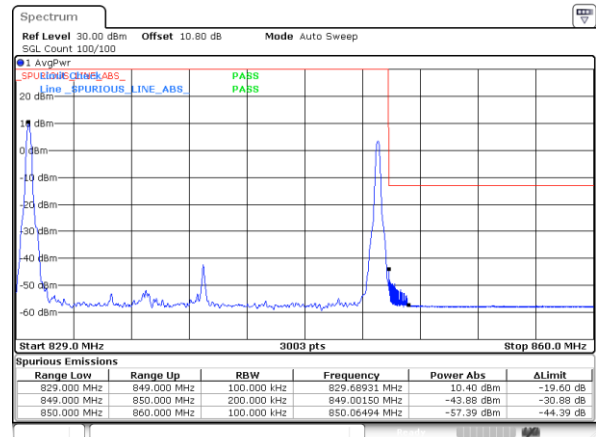
## LTE Band 5B / 10MHz+10MHz

## 16QAM

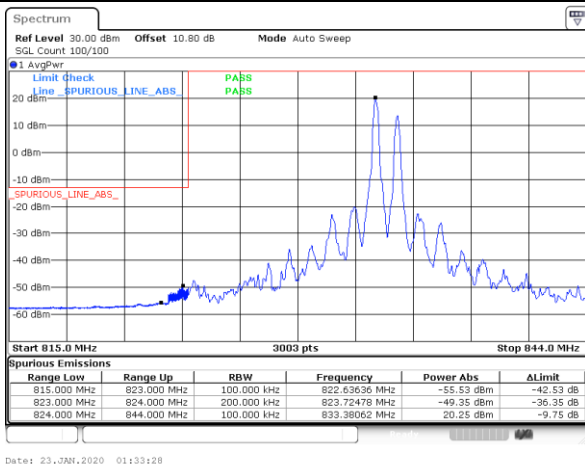
## Lowest Band Edge / 1RB0 and 1RB49



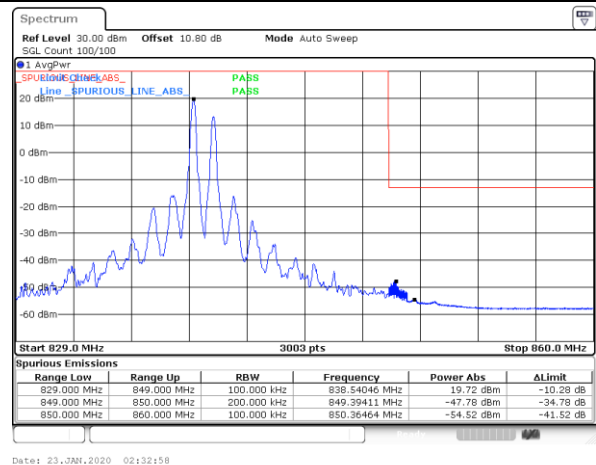
## Highest Band Edge / 1RB0 and 1RB49



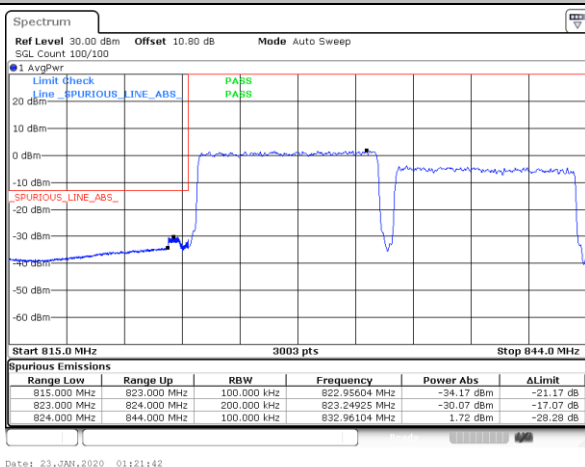
## Lowest Band Edge / 1RB49 and 1RB0



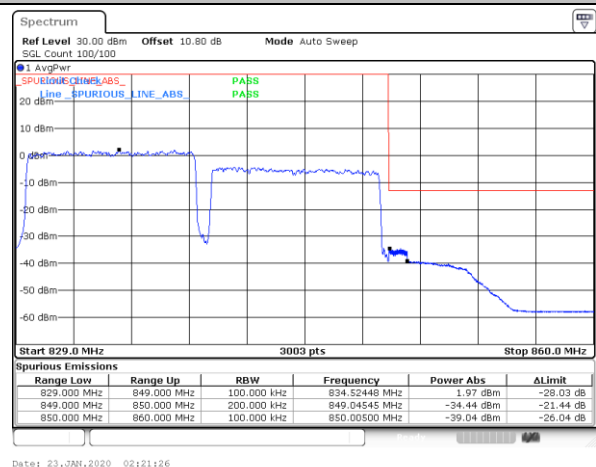
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

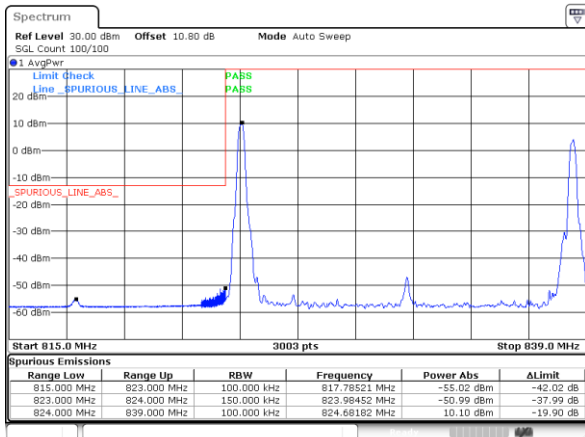




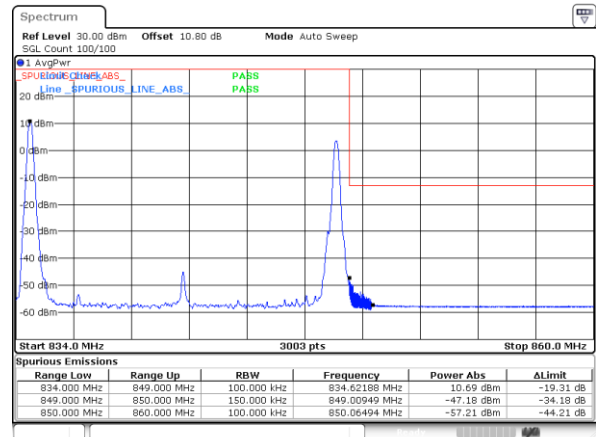
## LTE Band 5B / 5MHz+10MHz

## 64QAM

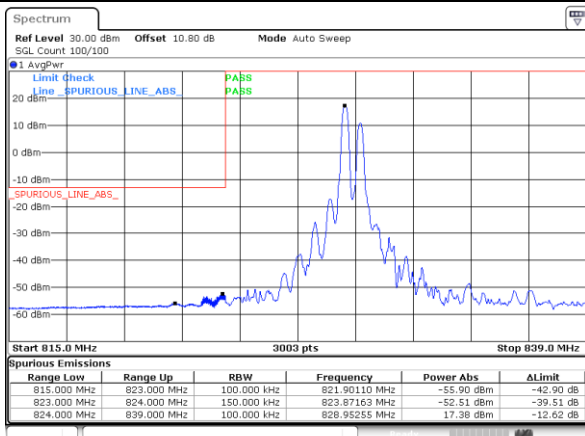
## Lowest Band Edge / 1RB0 and 1RB49



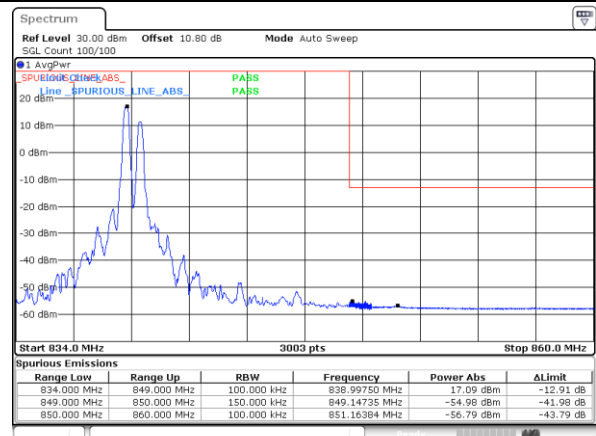
## Highest Band Edge / 1RB0 and 1RB49



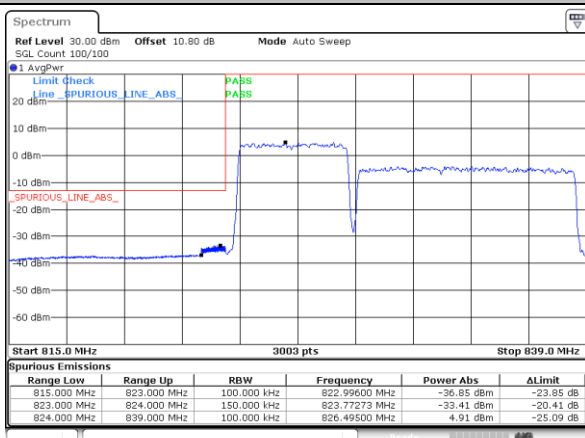
## Lowest Band Edge / 1RB24 and 1RB0



## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

