



TEST REPORT

APPLICANT : Nubia Technology Co., Ltd.

PRODUCT NAME : 5G Mobile Phone

MODEL NAME : NX709S

BRAND NAME : REDMAGIC

FCC ID : 2AHJO-NX709S

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27, Subpart H&L&M

RECEIPT DATE : 2022-05-19

TEST DATE : 2022-05-23 to 2022-06-16

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| Change History | | |
|----------------|------------|-------------------|
| Version | Date | Reason for change |
| 1.0 | 2022-07-06 | First edition |
| | | |



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

| | |
|------------------------------|--|
| Applicant: | Nubia Technology Co.,Ltd. |
| Applicant Address: | Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China |
| Manufacturer: | Nubia Technology Co.,Ltd. |
| Manufacturer Address: | Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China |

1.2. Equipment Under Test (EUT) Description

| | | |
|-----------------------------|---|---------------------|
| Product Name: | 5G Mobile Phone | |
| Sample No.: | 6# | |
| Hardware Version: | NX709J_V1AMB | |
| Software Version: | NX709S_UNCommon_V3.02 | |
| Modulation Type: | QPSK, 16QAM, 64QAM | |
| Carrier Aggregation: | Only support downlink | |
| Operation Band: | Band 2 / 4 / 5 / 7 / 12 / 17 / 18 / 19 / 26 / 38 / 40 / 41 / 66 | |
| Frequency Range: | LTE Band 2 | Tx: 1850MHz–1910MHz |
| | | Rx: 1930MHz–1990MHz |
| | LTE Band 4 | Tx: 1710MHz–1755MHz |
| | | Rx: 2110MHz–2155MHz |
| | LTE Band 5 | Tx: 824MHz–849MHz |
| | | Rx: 869MHz–894MHz |
| | LTE Band 7 | Tx: 2500MHz–2570MHz |
| | | Rx: 2620MHz–2690MHz |
| | LTE Band 12 | Tx: 699MHz–716MHz |
| | | Rx: 729MHz–746MHz |
| | LTE Band 17 | Tx: 704MHz–716MHz |
| | | Rx: 734MHz–746MHz |



| | | |
|---------------------------|------------------------|---|
| Frequency Range: | LTE Band 18 | Tx: 824MHz–830MHz |
| | | Rx: 869MHz–875MHz |
| | LTE Band 19 | Tx: 830MHz–845MHz |
| | | Rx: 875MHz–890MHz |
| | LTE Band 26 | Tx: 824MHz–849MHz |
| | | Rx: 869MHz–894MHz |
| | LTE Band 38 | Tx: 2570MHz–2620MHz |
| | | Rx: 2570MHz–2620MHz |
| | LTE Band 40 Block A | Tx: 2305MHz–2315MHz |
| Rx: 2305MHz–2315MHz | | |
| LTE Band 40 Block B | Tx: 2350MHz–2360MHz | |
| | Rx: 2350MHz–2360MHz | |
| LTE Band 41 | Tx: 2496MHz–2690MHz | |
| | Rx: 2496MHz–2690MHz | |
| LTE Band 66 | Tx: 1710MHz–1780MHz | |
| | Rx: 2110MHz–2200MHz | |
| Channel Bandwidth: | LTE Band 2 | 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz |
| | LTE Band 4 | 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz |
| | LTE Band 5 | 1.4MHz, 3MHz, 5MHz, 10MHz |
| | LTE Band 7 | 5 MHz, 10MHz, 15MHz, 20MHz |
| | LTE Band 12 | 1.4MHz, 3 MHz, 5 MHz, 10MHz |
| | LTE Band 17 | 5 MHz, 10MHz |
| | LTE Band 18 | 5 MHz |
| | LTE Band 19 | 5 MHz, 10MHz, 15MHz |
| | LTE Band 26 | 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz |
| | LTE Band 38 | 5 MHz, 10MHz, 15MHz, 20MHz |
| | LTE Band 40 | 5 MHz, 10MHz |
| | LTE Band 41 | 5 MHz, 10MHz, 15MHz, 20MHz |
| | LTE Band 66 | 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz |



| | | |
|-------------------------------|------------------------|---|
| Antenna Type: | Fixed Internal Antenna | |
| Antenna Gain: | LTE Band 2 | -1.50dBi |
| | LTE Band 4 | -1.50dBi |
| | LTE Band 5 | -3.40dBi |
| | LTE Band 7 | -1.65dBi |
| | LTE Band 12 | -4.70dBi |
| | LTE Band 17 | -4.70dBi |
| | LTE Band 18 | -3.40dBi |
| | LTE Band 19 | -3.60dBi |
| | LTE Band 26 | -3.60dBi |
| | LTE Band 38 | -2.07dBi |
| | LTE Band 40 | -1.00dBi |
| | LTE Band 41 | -1.50dBi |
| | LTE Band 66 | -1.50dBi |
| Accessory Information: | Battery | |
| | Brand Name: | nubia |
| | Model No.: | Li3923T89P8h636590 |
| | Serial No.: | N/A |
| | Capacity: | 2380mAh |
| | Rated Voltage: | 7.78V |
| | Charge Limit: | 8.96V |
| | Manufacturer: | Dongguan Amperex Technology Limited |
| | AC Adapter | |
| | Brand Name: | nubia |
| | Model No.: | STC-A59152050AC-Z |
| | Serial No.: | N/A |
| | Rated Output: | 5V=3A, 9V=3A, 15V=3A, 20V=3.25A PPS: 5V-11V=5A, 5V-20V=3.25A |
| | Rated Input: | 100-240V~50/60Hz, 1.5A |
| | Manufacturer: | ShenZhen KunXing Technology Co., Ltd. |
| | USB Cable | |
| Model No.: | N52111200016D | |

Note 1: SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.

Note 2: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



1.3. Maximum E.R.P./E.I.R.P. and Emission Designator

| LTE Band 2 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
|--------------------|-------|------------------------------------|-------|---------|-------------------------------------|---------|--|
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 20 | 0.146 | 0.116 | 0.115 | 18M0G7D | 18M0W7D | 18M0W7D | |
| 15 | 0.144 | 0.114 | 0.112 | 13M5G7D | 13M5W7D | 13M5W7D | |
| 10 | 0.142 | 0.112 | 0.114 | 9M01G7D | 9M03W7D | 9M04W7D | |
| 5 | 0.145 | 0.115 | 0.112 | 4M53G7D | 4M53W7D | 4M52W7D | |
| 3 | 0.145 | 0.113 | 0.114 | 2M72G7D | 2M72W7D | 2M72W7D | |
| 1.4 | 0.145 | 0.113 | 0.114 | 1M11G7D | 1M11W7D | 1M11W7D | |
| LTE Band 4 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 20 | 0.145 | 0.115 | 0.115 | 18M0G7D | 18M0W7D | 18M1W7D | |
| 15 | 0.144 | 0.114 | 0.114 | 13M5G7D | 13M5W7D | 13M5W7D | |
| 10 | 0.143 | 0.115 | 0.112 | 9M02G7D | 9M05W7D | 9M03W7D | |
| 5 | 0.142 | 0.113 | 0.112 | 4M53G7D | 4M54W7D | 4M53W7D | |
| 3 | 0.143 | 0.115 | 0.114 | 2M72G7D | 2M72W7D | 2M72W7D | |
| 1.4 | 0.144 | 0.113 | 0.114 | 1M11G7D | 1M12W7D | 1M11W7D | |
| LTE Band 5 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 10 | 0.057 | 0.052 | 0.049 | 9M01G7D | 9M01W7D | 9M00W7D | |
| 5 | 0.057 | 0.050 | 0.049 | 4M53G7D | 4M52W7D | 4M53W7D | |
| 3 | 0.056 | 0.049 | 0.048 | 2M71G7D | 2M71W7D | 2M72W7D | |
| 1.4 | 0.056 | 0.050 | 0.047 | 1M10G7D | 1M11W7D | 1M10W7D | |
| LTE Band 7 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 20 | 0.138 | 0.111 | 0.110 | 18M0G7D | 18M1W7D | 18M0W7D | |
| 15 | 0.134 | 0.109 | 0.109 | 13M5G7D | 13M5W7D | 13M5W7D | |
| 10 | 0.136 | 0.108 | 0.107 | 9M01G7D | 9M04W7D | 9M03W7D | |
| 5 | 0.138 | 0.108 | 0.109 | 4M52G7D | 4M52W7D | 4M52W7D | |
| LTE Band 12 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 10 | 0.042 | 0.036 | 0.036 | 9M01G7D | 8M99W7D | 9M00W7D | |
| 5 | 0.042 | 0.035 | 0.035 | 4M52G7D | 4M53W7D | 4M53W7D | |
| 3 | 0.042 | 0.035 | 0.035 | 2M72G7D | 2M72W7D | 2M72W7D | |
| 1.4 | 0.042 | 0.035 | 0.035 | 1M11G7D | 1M11W7D | 1M11W7D | |



| LTE Band 17 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
|----------------------------|------------------------------------|-------|-------|-------------------------------------|---------|---------|
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 | 0.043 | 0.036 | 0.035 | 9M01G7D | 8M99W7D | 9M01W7D |
| 5 | 0.043 | 0.036 | 0.034 | 4M53G7D | 4M53W7D | 4M52W7D |
| LTE Band 18 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 5 | 0.055 | 0.044 | 0.045 | 4M53G7D | 4M52W7D | 4M53W7D |
| LTE Band 19 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 15 | 0.054 | 0.043 | 0.044 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | 0.054 | 0.042 | 0.043 | 9M03G7D | 9M02W7D | 9M00W7D |
| 5 | 0.053 | 0.042 | 0.044 | 4M53G7D | 4M54W7D | 4M52W7D |
| LTE Band 26 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 15 | 0.056 | 0.045 | 0.046 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | 0.054 | 0.044 | 0.043 | 9M01G7D | 9M00W7D | 9M00W7D |
| 5 | 0.055 | 0.045 | 0.043 | 4M53G7D | 4M53W7D | 4M53W7D |
| 3 | 0.055 | 0.045 | 0.043 | 2M72G7D | 2M72W7D | 2M72W7D |
| 1.4 | 0.054 | 0.045 | 0.043 | 1M10G7D | 1M11W7D | 1M11W7D |
| LTE Band 38 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 | 0.133 | 0.110 | 0.108 | 18M0G7D | 18M0W7D | 18M1W7D |
| 15 | 0.132 | 0.108 | 0.108 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | 0.132 | 0.109 | 0.109 | 9M01G7D | 9M03W7D | 9M01W7D |
| 5 | 0.132 | 0.111 | 0.108 | 4M52G7D | 4M54W7D | 4M52W7D |
| LTE Band 40 Block A | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 | 0.163 | 0.132 | 0.135 | 9M02G7D | 9M01W7D | 9M01W7D |
| 5 | 0.161 | 0.140 | 0.134 | 4M52G7D | 4M53W7D | 4M54W7D |
| LTE Band 40 Block B | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 | 0.161 | 0.136 | 0.128 | 9M02G7D | 9M01W7D | 9M04W7D |
| 5 | 0.161 | 0.140 | 0.137 | 4M52G7D | 4M54W7D | 4M54W7D |



| LTE Band 41 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
|--------------------|------------------------------------|-------|-------|-------------------------------------|---------|---------|
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 | 0.145 | 0.125 | 0.122 | 18M0G7D | 18M0W7D | 18M0W7D |
| 15 | 0.142 | 0.125 | 0.124 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | 0.143 | 0.124 | 0.120 | 9M01G7D | 9M04W7D | 9M02W7D |
| 5 | 0.143 | 0.125 | 0.121 | 4M52G7D | 4M53W7D | 4M53W7D |
| LTE Band 66 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 | 0.150 | 0.123 | 0.121 | 18M0G7D | 18M0W7D | 18M0W7D |
| 15 | 0.148 | 0.121 | 0.122 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | 0.146 | 0.123 | 0.124 | 9M02G7D | 9M02W7D | 9M02W7D |
| 5 | 0.148 | 0.120 | 0.122 | 4M54G7D | 4M53W7D | 4M53W7D |
| 3 | 0.148 | 0.121 | 0.124 | 2M72G7D | 2M71W7D | 2M72W7D |
| 1.4 | 0.149 | 0.121 | 0.122 | 1M10G7D | 1M11W7D | 1M11W7D |



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24, Part 27 for the EUT FCC ID Certification:

| No. | Identity | Document Title |
|-----|----------------|---|
| 1 | 47 CFR Part 2 | Frequency Allocations and Radio Treaty Matters; General Rules and Regulations |
| 2 | 47 CFR Part 22 | Public Mobile Services |
| 3 | 47 CFR Part 24 | Personal Communications Services |
| 4 | 47 CFR Part 27 | Miscellaneous Wireless Communications Services |

Test detailed items/section required by FCC rules and results are as below:

| Section | Description | Test Date | Test Engineer | Result | Method Determination /Remark |
|---|--|--|---------------------------|--------|------------------------------|
| 2.1046 22.913(a) 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2) | Transmitter Conducted Output Power and E.R.P./E.I.R.P. | Jun. 15, 2022 | Tan Xiaowei Li Huaijie | PASS | No deviation |
| 2.1049 | Occupied Bandwidth | May 31, 2022 Jun. 01, 2022 | Li Huaijie | PASS | No deviation |
| 2.1055 22.355 24.235 27.54 | Frequency Stability | Jun. 15, 2022 | Li Huaijie | PASS | No deviation |
| 24.232(d), 27.50(d)(5) | Peak to Average Radio | Jun. 01, 2022 | Li Huaijie | PASS | No deviation |
| 2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4) | Conducted Spurious Emissions | May 31, 2022 Jun. 01&02&15, 2022 | Li Huaijie | PASS | No deviation |
| 2.1051 | Band Edge | May 31, 2022 | Li Huaijie | PASS | No |



| | | | | | |
|--|-----------------------------------|------------------------|-------------|------|-----------------|
| 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4) | | Jun. 01&02&15, 2022 | | | deviation |
| 2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4) | Radiated Spurious Emissions | Jun. 15&16, 2022 | Gao Jianrou | PASS | No deviation |

Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 2: The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 24.5dB contains two parts that cable loss 14.5dB and Attenuator 10dB.

Note 3: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.

Note 4: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

| | |
|-----------------------------|--------|
| Temperature (°C): | 15-35 |
| Relative Humidity (%): | 30-60 |
| Atmospheric Pressure (kPa): | 86-106 |



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 H&L&M Requirements

2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.

2.1.1. Requirement

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

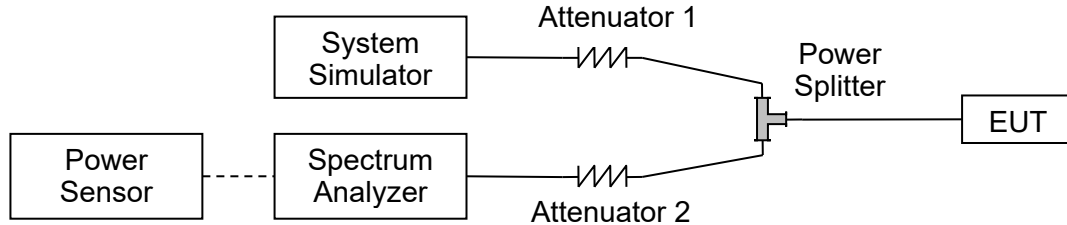
According to FCC section 22.913 (a)(2) for LTE Band 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

According to FCC section 27.50 (c)(10) for LTE Band 12/17, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

According to FCC section 27.50 (a)(3) for LTE Band 40, For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 mill watts within any 1 megahertz of authorized bandwidth

2.1.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.1.3. Test Procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

$E.I.R.P. (dBm) = \text{Conducted Output Power (dBm)} + \text{Antenna Gain (dBi)}$

$E.R.P. (dBm) = E.I.R.P. (dBm) - 2.15$



2.1.4. Result

Conducted Output Power:

| LTE Band 2 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 18700 | 18900 | 19100 |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 |
| 20 | QPSK | 1 | 0 | 23.04 | 23.15 | 23.09 |
| 20 | QPSK | 1 | 49 | 22.95 | 23.07 | 23.00 |
| 20 | QPSK | 1 | 99 | 22.87 | 22.98 | 22.89 |
| 20 | QPSK | 50 | 0 | 22.10 | 22.21 | 22.18 |
| 20 | QPSK | 50 | 24 | 22.01 | 22.09 | 22.11 |
| 20 | QPSK | 50 | 50 | 21.95 | 22.00 | 22.05 |
| 20 | QPSK | 100 | 0 | 21.98 | 22.03 | 22.04 |
| 20 | 16QAM | 1 | 0 | 22.02 | 22.11 | 22.13 |
| 20 | 16QAM | 1 | 49 | 21.95 | 22.02 | 22.05 |
| 20 | 16QAM | 1 | 99 | 21.88 | 21.91 | 21.96 |
| 20 | 16QAM | 50 | 0 | 21.21 | 21.35 | 21.32 |
| 20 | 16QAM | 50 | 24 | 21.06 | 21.22 | 21.20 |
| 20 | 16QAM | 50 | 50 | 21.09 | 21.13 | 21.15 |
| 20 | 16QAM | 100 | 0 | 21.03 | 21.09 | 21.16 |
| 20 | 64QAM | 1 | 0 | 22.03 | 22.09 | 22.10 |
| 20 | 64QAM | 1 | 49 | 21.90 | 22.01 | 22.03 |
| 20 | 64QAM | 1 | 99 | 22.00 | 21.95 | 21.94 |
| 20 | 64QAM | 50 | 0 | 21.28 | 21.30 | 21.40 |
| 20 | 64QAM | 50 | 24 | 21.23 | 21.16 | 21.22 |
| 20 | 64QAM | 50 | 50 | 21.12 | 21.20 | 21.09 |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.15 | 21.16 |



| LTE Band 2 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 18675 | 18900 | 19125 |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 |
| 15 | QPSK | 1 | 0 | 22.93 | 23.07 | 23.03 |
| 15 | QPSK | 1 | 37 | 22.89 | 23.04 | 22.98 |
| 15 | QPSK | 1 | 74 | 22.72 | 22.87 | 22.82 |
| 15 | QPSK | 36 | 0 | 21.96 | 22.12 | 22.11 |
| 15 | QPSK | 36 | 20 | 21.94 | 22.06 | 22.05 |
| 15 | QPSK | 36 | 39 | 21.94 | 21.96 | 22.03 |
| 15 | QPSK | 75 | 0 | 21.97 | 21.92 | 21.95 |
| 15 | 16QAM | 1 | 0 | 21.92 | 22.05 | 21.98 |
| 15 | 16QAM | 1 | 37 | 21.94 | 21.96 | 21.91 |
| 15 | 16QAM | 1 | 74 | 21.86 | 21.91 | 21.95 |
| 15 | 16QAM | 36 | 0 | 21.17 | 21.33 | 21.26 |
| 15 | 16QAM | 36 | 20 | 20.95 | 21.16 | 21.05 |
| 15 | 16QAM | 36 | 39 | 20.97 | 21.06 | 21.06 |
| 15 | 16QAM | 75 | 0 | 20.97 | 20.94 | 21.07 |
| 15 | 64QAM | 1 | 0 | 22.01 | 21.95 | 21.96 |
| 15 | 64QAM | 1 | 37 | 21.81 | 21.97 | 21.91 |
| 15 | 64QAM | 1 | 74 | 21.92 | 21.83 | 21.81 |
| 15 | 64QAM | 36 | 0 | 21.16 | 21.21 | 21.39 |
| 15 | 64QAM | 36 | 20 | 21.16 | 21.14 | 21.09 |
| 15 | 64QAM | 36 | 39 | 21.09 | 21.14 | 21.08 |
| 15 | 64QAM | 75 | 0 | 21.17 | 21.13 | 21.04 |



| LTE Band 2 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 18650 | 18900 | 19150 |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 |
| 10 | QPSK | 1 | 0 | 22.97 | 23.03 | 23.02 |
| 10 | QPSK | 1 | 25 | 22.82 | 22.95 | 22.92 |
| 10 | QPSK | 1 | 49 | 22.72 | 22.91 | 22.77 |
| 10 | QPSK | 25 | 0 | 22.01 | 22.17 | 22.11 |
| 10 | QPSK | 25 | 12 | 22.01 | 21.97 | 22.06 |
| 10 | QPSK | 25 | 25 | 21.84 | 21.86 | 21.96 |
| 10 | QPSK | 50 | 0 | 21.83 | 22.01 | 22.01 |
| 10 | 16QAM | 1 | 0 | 21.94 | 21.96 | 21.99 |
| 10 | 16QAM | 1 | 25 | 21.94 | 21.87 | 22.00 |
| 10 | 16QAM | 1 | 49 | 21.80 | 21.82 | 21.87 |
| 10 | 16QAM | 25 | 0 | 21.13 | 21.21 | 21.19 |
| 10 | 16QAM | 25 | 12 | 20.95 | 21.15 | 21.08 |
| 10 | 16QAM | 25 | 25 | 20.94 | 21.06 | 21.04 |
| 10 | 16QAM | 50 | 0 | 21.00 | 20.95 | 21.03 |
| 10 | 64QAM | 1 | 0 | 21.99 | 22.05 | 22.01 |
| 10 | 64QAM | 1 | 25 | 21.78 | 21.89 | 21.93 |
| 10 | 64QAM | 1 | 49 | 21.93 | 21.94 | 21.84 |
| 10 | 64QAM | 25 | 0 | 21.26 | 21.16 | 21.38 |
| 10 | 64QAM | 25 | 12 | 21.11 | 21.13 | 21.15 |
| 10 | 64QAM | 25 | 25 | 20.98 | 21.13 | 20.99 |
| 10 | 64QAM | 50 | 0 | 21.09 | 21.13 | 21.09 |



| LTE Band 2 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 18625 | 18900 | 19175 |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 |
| 5 | QPSK | 1 | 0 | 22.91 | 23.12 | 23.08 |
| 5 | QPSK | 1 | 12 | 22.84 | 22.92 | 22.91 |
| 5 | QPSK | 1 | 24 | 22.83 | 22.95 | 22.84 |
| 5 | QPSK | 12 | 0 | 22.07 | 22.15 | 22.17 |
| 5 | QPSK | 12 | 7 | 21.98 | 22.04 | 22.01 |
| 5 | QPSK | 12 | 13 | 21.93 | 21.95 | 22.02 |
| 5 | QPSK | 25 | 0 | 21.96 | 22.01 | 21.92 |
| 5 | 16QAM | 1 | 0 | 21.94 | 22.09 | 22.07 |
| 5 | 16QAM | 1 | 12 | 21.92 | 21.93 | 21.94 |
| 5 | 16QAM | 1 | 24 | 21.85 | 21.89 | 21.82 |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.22 | 21.24 |
| 5 | 16QAM | 12 | 7 | 20.98 | 21.15 | 21.15 |
| 5 | 16QAM | 12 | 13 | 21.07 | 21.02 | 21.13 |
| 5 | 16QAM | 25 | 0 | 20.92 | 20.97 | 21.12 |
| 5 | 64QAM | 1 | 0 | 22.00 | 21.95 | 21.96 |
| 5 | 64QAM | 1 | 12 | 21.83 | 21.89 | 21.91 |
| 5 | 64QAM | 1 | 24 | 21.91 | 21.85 | 21.83 |
| 5 | 64QAM | 12 | 0 | 21.22 | 21.28 | 21.35 |
| 5 | 64QAM | 12 | 7 | 21.13 | 21.11 | 21.08 |
| 5 | 64QAM | 12 | 13 | 21.03 | 21.18 | 21.01 |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.13 | 21.15 |



| LTE Band 2 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 18615 | 18900 | 19185 |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 |
| 3 | QPSK | 1 | 0 | 22.97 | 23.11 | 22.97 |
| 3 | QPSK | 1 | 8 | 22.83 | 23.03 | 22.93 |
| 3 | QPSK | 1 | 14 | 22.74 | 22.85 | 22.83 |
| 3 | QPSK | 8 | 0 | 22.09 | 22.18 | 22.14 |
| 3 | QPSK | 8 | 4 | 21.95 | 21.97 | 21.98 |
| 3 | QPSK | 8 | 7 | 21.89 | 21.97 | 21.91 |
| 3 | QPSK | 15 | 0 | 21.97 | 21.97 | 21.94 |
| 3 | 16QAM | 1 | 0 | 21.99 | 22.04 | 22.02 |
| 3 | 16QAM | 1 | 8 | 21.94 | 21.92 | 21.90 |
| 3 | 16QAM | 1 | 14 | 21.80 | 21.81 | 21.84 |
| 3 | 16QAM | 8 | 0 | 21.16 | 21.30 | 21.31 |
| 3 | 16QAM | 8 | 4 | 21.01 | 21.17 | 21.09 |
| 3 | 16QAM | 8 | 7 | 21.07 | 20.99 | 21.14 |
| 3 | 16QAM | 15 | 0 | 20.97 | 21.02 | 21.11 |
| 3 | 64QAM | 1 | 0 | 21.99 | 22.01 | 22.05 |
| 3 | 64QAM | 1 | 8 | 21.81 | 21.91 | 21.98 |
| 3 | 64QAM | 1 | 14 | 21.95 | 21.83 | 21.91 |
| 3 | 64QAM | 8 | 0 | 21.19 | 21.24 | 21.26 |
| 3 | 64QAM | 8 | 4 | 21.15 | 21.09 | 21.12 |
| 3 | 64QAM | 8 | 7 | 21.07 | 21.07 | 21.03 |
| 3 | 64QAM | 15 | 0 | 21.09 | 21.06 | 21.11 |



| LTE Band 2 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 18607 | 18900 | 19193 |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 |
| 1.4 | QPSK | 1 | 0 | 22.92 | 23.12 | 23.06 |
| 1.4 | QPSK | 1 | 3 | 22.84 | 22.94 | 22.99 |
| 1.4 | QPSK | 1 | 5 | 22.83 | 22.92 | 22.77 |
| 1.4 | QPSK | 3 | 0 | 22.04 | 22.18 | 22.15 |
| 1.4 | QPSK | 3 | 1 | 22.07 | 22.08 | 22.04 |
| 1.4 | QPSK | 3 | 3 | 22.11 | 22.05 | 22.01 |
| 1.4 | QPSK | 6 | 0 | 21.96 | 21.94 | 21.97 |
| 1.4 | 16QAM | 1 | 0 | 21.91 | 21.99 | 22.03 |
| 1.4 | 16QAM | 1 | 3 | 21.83 | 21.88 | 21.98 |
| 1.4 | 16QAM | 1 | 5 | 21.74 | 21.85 | 21.94 |
| 1.4 | 16QAM | 3 | 0 | 21.15 | 21.26 | 21.26 |
| 1.4 | 16QAM | 3 | 1 | 21.03 | 21.19 | 21.09 |
| 1.4 | 16QAM | 3 | 3 | 21.00 | 21.07 | 21.07 |
| 1.4 | 16QAM | 6 | 0 | 20.96 | 21.05 | 21.07 |
| 1.4 | 64QAM | 1 | 0 | 21.91 | 22.05 | 21.96 |
| 1.4 | 64QAM | 1 | 3 | 21.89 | 21.86 | 22.02 |
| 1.4 | 64QAM | 1 | 5 | 21.98 | 21.82 | 21.92 |
| 1.4 | 64QAM | 3 | 0 | 21.18 | 21.24 | 21.33 |
| 1.4 | 64QAM | 3 | 1 | 21.10 | 21.06 | 21.12 |
| 1.4 | 64QAM | 3 | 3 | 21.08 | 21.14 | 21.11 |
| 1.4 | 64QAM | 6 | 0 | 21.11 | 21.14 | 21.08 |



| LTE Band 4 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20050 | 20175 | 20300 |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 |
| 20 | QPSK | 1 | 0 | 23.01 | 23.11 | 22.95 |
| 20 | QPSK | 1 | 49 | 22.89 | 23.04 | 22.94 |
| 20 | QPSK | 1 | 99 | 22.85 | 22.87 | 22.8 |
| 20 | QPSK | 50 | 0 | 21.99 | 22.15 | 22.14 |
| 20 | QPSK | 50 | 24 | 22.00 | 22.01 | 21.99 |
| 20 | QPSK | 50 | 50 | 21.83 | 21.86 | 21.92 |
| 20 | QPSK | 100 | 0 | 21.87 | 22.02 | 21.99 |
| 20 | 16QAM | 1 | 0 | 21.92 | 22.05 | 22.11 |
| 20 | 16QAM | 1 | 49 | 21.81 | 21.89 | 22.02 |
| 20 | 16QAM | 1 | 99 | 21.77 | 21.88 | 21.87 |
| 20 | 16QAM | 50 | 0 | 21.14 | 21.24 | 21.22 |
| 20 | 16QAM | 50 | 24 | 20.92 | 21.14 | 21.08 |
| 20 | 16QAM | 50 | 50 | 21.05 | 21.07 | 21.03 |
| 20 | 16QAM | 100 | 0 | 21.01 | 21.03 | 21.10 |
| 20 | 64QAM | 1 | 0 | 21.88 | 22.03 | 22.09 |
| 20 | 64QAM | 1 | 49 | 21.76 | 21.93 | 21.96 |
| 20 | 64QAM | 1 | 99 | 21.92 | 21.82 | 21.86 |
| 20 | 64QAM | 50 | 0 | 21.21 | 21.16 | 21.30 |
| 20 | 64QAM | 50 | 24 | 21.16 | 21.14 | 21.22 |
| 20 | 64QAM | 50 | 50 | 21.07 | 21.09 | 21.03 |
| 20 | 64QAM | 100 | 0 | 21.04 | 21.13 | 21.06 |



| LTE Band 4 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20025 | 20175 | 20325 |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 |
| 15 | QPSK | 1 | 0 | 23.03 | 23.08 | 23.01 |
| 15 | QPSK | 1 | 37 | 22.77 | 22.91 | 22.79 |
| 15 | QPSK | 1 | 74 | 22.71 | 22.74 | 22.76 |
| 15 | QPSK | 36 | 0 | 21.87 | 22.05 | 22.06 |
| 15 | QPSK | 36 | 20 | 21.98 | 21.95 | 21.89 |
| 15 | QPSK | 36 | 39 | 21.81 | 21.75 | 21.87 |
| 15 | QPSK | 75 | 0 | 21.82 | 21.92 | 21.95 |
| 15 | 16QAM | 1 | 0 | 21.86 | 21.99 | 22.07 |
| 15 | 16QAM | 1 | 37 | 21.77 | 21.82 | 21.90 |
| 15 | 16QAM | 1 | 74 | 21.68 | 21.86 | 21.76 |
| 15 | 16QAM | 36 | 0 | 21.09 | 21.21 | 21.13 |
| 15 | 16QAM | 36 | 20 | 20.91 | 21.03 | 21.01 |
| 15 | 16QAM | 36 | 39 | 20.99 | 21.06 | 21.01 |
| 15 | 16QAM | 75 | 0 | 20.99 | 20.97 | 21.07 |
| 15 | 64QAM | 1 | 0 | 21.85 | 21.95 | 22.06 |
| 15 | 64QAM | 1 | 37 | 21.81 | 21.81 | 21.87 |
| 15 | 64QAM | 1 | 74 | 21.79 | 21.75 | 21.71 |
| 15 | 64QAM | 36 | 0 | 21.11 | 21.04 | 21.28 |
| 15 | 64QAM | 36 | 20 | 21.06 | 21.02 | 21.16 |
| 15 | 64QAM | 36 | 39 | 20.96 | 20.96 | 20.92 |
| 15 | 64QAM | 75 | 0 | 21.01 | 21.01 | 20.95 |



| LTE Band 4 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20000 | 20175 | 20350 |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 |
| 10 | QPSK | 1 | 0 | 22.86 | 23.05 | 22.89 |
| 10 | QPSK | 1 | 25 | 22.77 | 23.02 | 22.88 |
| 10 | QPSK | 1 | 49 | 22.78 | 22.81 | 22.77 |
| 10 | QPSK | 25 | 0 | 21.87 | 22.03 | 22.08 |
| 10 | QPSK | 25 | 12 | 21.99 | 22.01 | 21.86 |
| 10 | QPSK | 25 | 25 | 21.73 | 21.85 | 21.81 |
| 10 | QPSK | 50 | 0 | 21.73 | 21.99 | 21.95 |
| 10 | 16QAM | 1 | 0 | 21.83 | 22.04 | 22.09 |
| 10 | 16QAM | 1 | 25 | 21.75 | 21.88 | 21.97 |
| 10 | 16QAM | 1 | 49 | 21.67 | 21.84 | 21.76 |
| 10 | 16QAM | 25 | 0 | 21.01 | 21.17 | 21.1 |
| 10 | 16QAM | 25 | 12 | 20.81 | 21.03 | 21.02 |
| 10 | 16QAM | 25 | 25 | 21.02 | 21.05 | 20.93 |
| 10 | 16QAM | 50 | 0 | 21.00 | 20.95 | 20.96 |
| 10 | 64QAM | 1 | 0 | 21.79 | 21.94 | 21.99 |
| 10 | 64QAM | 1 | 25 | 21.68 | 21.80 | 21.82 |
| 10 | 64QAM | 1 | 49 | 21.84 | 21.81 | 21.73 |
| 10 | 64QAM | 25 | 0 | 21.07 | 21.06 | 21.16 |
| 10 | 64QAM | 25 | 12 | 21.02 | 21.02 | 21.15 |
| 10 | 64QAM | 25 | 25 | 20.92 | 20.98 | 20.97 |
| 10 | 64QAM | 50 | 0 | 20.95 | 21.07 | 21.02 |



| LTE Band 4 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 19975 | 20175 | 20375 |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 |
| 5 | QPSK | 1 | 0 | 22.94 | 23.03 | 22.86 |
| 5 | QPSK | 1 | 12 | 22.74 | 22.92 | 22.89 |
| 5 | QPSK | 1 | 24 | 22.76 | 22.72 | 22.67 |
| 5 | QPSK | 12 | 0 | 21.85 | 22.06 | 21.99 |
| 5 | QPSK | 12 | 7 | 21.89 | 21.97 | 21.88 |
| 5 | QPSK | 12 | 13 | 21.68 | 21.79 | 21.87 |
| 5 | QPSK | 25 | 0 | 21.82 | 21.97 | 21.9 |
| 5 | 16QAM | 1 | 0 | 21.91 | 22.04 | 22.03 |
| 5 | 16QAM | 1 | 12 | 21.78 | 21.77 | 21.93 |
| 5 | 16QAM | 1 | 24 | 21.64 | 21.84 | 21.76 |
| 5 | 16QAM | 12 | 0 | 21.06 | 21.18 | 21.11 |
| 5 | 16QAM | 12 | 7 | 20.77 | 21.04 | 20.96 |
| 5 | 16QAM | 12 | 13 | 21.02 | 20.98 | 21.02 |
| 5 | 16QAM | 25 | 0 | 20.96 | 20.92 | 21.06 |
| 5 | 64QAM | 1 | 0 | 21.87 | 21.91 | 21.98 |
| 5 | 64QAM | 1 | 12 | 21.72 | 21.85 | 21.94 |
| 5 | 64QAM | 1 | 24 | 21.9 | 21.75 | 21.81 |
| 5 | 64QAM | 12 | 0 | 21.17 | 21.01 | 21.19 |
| 5 | 64QAM | 12 | 7 | 21.06 | 21.02 | 21.12 |
| 5 | 64QAM | 12 | 13 | 20.99 | 21.08 | 21.01 |
| 5 | 64QAM | 25 | 0 | 20.96 | 20.96 | 20.95 |



| LTE Band 4 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 19965 | 20175 | 20385 |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 |
| 3 | QPSK | 1 | 0 | 22.86 | 23.06 | 22.87 |
| 3 | QPSK | 1 | 8 | 22.84 | 22.95 | 22.82 |
| 3 | QPSK | 1 | 14 | 22.82 | 22.79 | 22.66 |
| 3 | QPSK | 8 | 0 | 21.92 | 22.06 | 22.07 |
| 3 | QPSK | 8 | 4 | 21.90 | 21.98 | 21.86 |
| 3 | QPSK | 8 | 7 | 21.77 | 21.76 | 21.79 |
| 3 | QPSK | 15 | 0 | 21.75 | 21.94 | 21.84 |
| 3 | 16QAM | 1 | 0 | 21.77 | 21.93 | 22.10 |
| 3 | 16QAM | 1 | 8 | 21.73 | 21.85 | 21.97 |
| 3 | 16QAM | 1 | 14 | 21.74 | 21.82 | 21.75 |
| 3 | 16QAM | 8 | 0 | 21.06 | 21.22 | 21.16 |
| 3 | 16QAM | 8 | 4 | 20.82 | 21.00 | 20.94 |
| 3 | 16QAM | 8 | 7 | 21.01 | 20.93 | 21.02 |
| 3 | 16QAM | 15 | 0 | 20.95 | 21.01 | 21.03 |
| 3 | 64QAM | 1 | 0 | 21.84 | 21.96 | 22.06 |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.81 | 21.84 |
| 3 | 64QAM | 1 | 14 | 21.89 | 21.70 | 21.72 |
| 3 | 64QAM | 8 | 0 | 21.17 | 21.02 | 21.27 |
| 3 | 64QAM | 8 | 4 | 21.09 | 21.13 | 21.17 |
| 3 | 64QAM | 8 | 7 | 20.92 | 21.05 | 21.02 |
| 3 | 64QAM | 15 | 0 | 20.96 | 21.02 | 20.91 |



| LTE Band 4 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 19957 | 20175 | 20393 |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 |
| 1.4 | QPSK | 1 | 0 | 22.87 | 23.08 | 22.87 |
| 1.4 | QPSK | 1 | 3 | 22.82 | 23.03 | 22.93 |
| 1.4 | QPSK | 1 | 5 | 22.79 | 22.83 | 22.67 |
| 1.4 | QPSK | 3 | 0 | 22.11 | 22.05 | 22.01 |
| 1.4 | QPSK | 3 | 1 | 22.03 | 22.07 | 22.08 |
| 1.4 | QPSK | 3 | 3 | 22.07 | 22.05 | 22.02 |
| 1.4 | QPSK | 6 | 0 | 21.77 | 21.91 | 21.88 |
| 1.4 | 16QAM | 1 | 0 | 21.86 | 21.94 | 22.03 |
| 1.4 | 16QAM | 1 | 3 | 21.74 | 21.85 | 22.01 |
| 1.4 | 16QAM | 1 | 5 | 21.71 | 21.79 | 21.79 |
| 1.4 | 16QAM | 3 | 0 | 21.13 | 21.11 | 21.13 |
| 1.4 | 16QAM | 3 | 1 | 21.04 | 21.01 | 21.08 |
| 1.4 | 16QAM | 3 | 3 | 21.09 | 21.02 | 21.05 |
| 1.4 | 16QAM | 6 | 0 | 20.92 | 20.99 | 21.07 |
| 1.4 | 64QAM | 1 | 0 | 21.87 | 21.92 | 22.07 |
| 1.4 | 64QAM | 1 | 3 | 21.73 | 21.81 | 21.88 |
| 1.4 | 64QAM | 1 | 5 | 21.89 | 21.81 | 21.72 |
| 1.4 | 64QAM | 3 | 0 | 21.11 | 21.06 | 21.16 |
| 1.4 | 64QAM | 3 | 1 | 21.11 | 21.06 | 21.13 |
| 1.4 | 64QAM | 3 | 3 | 21.02 | 21.08 | 21.04 |
| 1.4 | 64QAM | 6 | 0 | 20.99 | 20.99 | 21.02 |



| LTE Band 5 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20450 | 20525 | 20600 |
| Frequency (MHz) | | | | 829 | 836.5 | 844 |
| 10 | QPSK | 1 | 0 | 23.05 | 23.11 | 23.06 |
| 10 | QPSK | 1 | 25 | 22.91 | 22.93 | 22.99 |
| 10 | QPSK | 1 | 49 | 22.97 | 22.93 | 22.98 |
| 10 | QPSK | 25 | 0 | 22.09 | 22.11 | 22.08 |
| 10 | QPSK | 25 | 12 | 22.08 | 22.10 | 22.08 |
| 10 | QPSK | 25 | 25 | 22.07 | 22.10 | 22.09 |
| 10 | QPSK | 50 | 0 | 22.04 | 22.09 | 21.94 |
| 10 | 16QAM | 1 | 0 | 22.69 | 22.65 | 22.55 |
| 10 | 16QAM | 1 | 25 | 22.40 | 22.54 | 22.38 |
| 10 | 16QAM | 1 | 49 | 22.33 | 22.58 | 22.25 |
| 10 | 16QAM | 25 | 0 | 21.14 | 21.10 | 21.09 |
| 10 | 16QAM | 25 | 12 | 21.22 | 21.10 | 21.08 |
| 10 | 16QAM | 25 | 25 | 21.21 | 21.16 | 21.06 |
| 10 | 16QAM | 50 | 0 | 21.13 | 21.16 | 20.99 |
| 10 | 64QAM | 1 | 0 | 22.37 | 22.21 | 21.99 |
| 10 | 64QAM | 1 | 25 | 22.45 | 22.16 | 21.99 |
| 10 | 64QAM | 1 | 49 | 21.99 | 22.36 | 22.09 |
| 10 | 64QAM | 25 | 0 | 21.09 | 21.21 | 21.07 |
| 10 | 64QAM | 25 | 12 | 21.25 | 21.14 | 21.06 |
| 10 | 64QAM | 25 | 25 | 21.20 | 21.20 | 21.09 |
| 10 | 64QAM | 50 | 0 | 21.18 | 21.13 | 20.99 |



| LTE Band 5 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20425 | 20525 | 20625 |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 |
| 5 | QPSK | 1 | 0 | 22.90 | 23.08 | 22.95 |
| 5 | QPSK | 1 | 12 | 22.82 | 22.82 | 22.89 |
| 5 | QPSK | 1 | 24 | 22.89 | 22.90 | 22.85 |
| 5 | QPSK | 12 | 0 | 21.99 | 22.09 | 21.97 |
| 5 | QPSK | 12 | 7 | 22.07 | 22.02 | 22.02 |
| 5 | QPSK | 12 | 13 | 22.12 | 22.04 | 22.02 |
| 5 | QPSK | 25 | 0 | 22.13 | 22.07 | 21.86 |
| 5 | 16QAM | 1 | 0 | 22.45 | 22.48 | 22.45 |
| 5 | 16QAM | 1 | 12 | 22.39 | 22.42 | 22.28 |
| 5 | 16QAM | 1 | 24 | 22.24 | 22.54 | 22.17 |
| 5 | 16QAM | 12 | 0 | 21.03 | 21.15 | 21.06 |
| 5 | 16QAM | 12 | 7 | 21.10 | 20.95 | 21.03 |
| 5 | 16QAM | 12 | 13 | 21.09 | 21.07 | 21.01 |
| 5 | 16QAM | 25 | 0 | 21.02 | 21.08 | 20.90 |
| 5 | 64QAM | 1 | 0 | 22.23 | 22.30 | 22.07 |
| 5 | 64QAM | 1 | 12 | 22.44 | 22.12 | 22.02 |
| 5 | 64QAM | 1 | 24 | 22.05 | 22.11 | 22.09 |
| 5 | 64QAM | 12 | 0 | 21.02 | 21.13 | 21.03 |
| 5 | 64QAM | 12 | 7 | 21.10 | 21.05 | 21.01 |
| 5 | 64QAM | 12 | 13 | 21.12 | 21.06 | 20.94 |
| 5 | 64QAM | 25 | 0 | 20.96 | 21.04 | 20.86 |



| LTE Band 5 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20415 | 20525 | 20635 |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 |
| 3 | QPSK | 1 | 0 | 22.99 | 23.03 | 23.04 |
| 3 | QPSK | 1 | 8 | 22.89 | 22.92 | 22.97 |
| 3 | QPSK | 1 | 14 | 22.84 | 22.90 | 22.96 |
| 3 | QPSK | 8 | 0 | 22.04 | 22.10 | 21.84 |
| 3 | QPSK | 8 | 4 | 22.09 | 22.03 | 22.04 |
| 3 | QPSK | 8 | 7 | 22.08 | 21.96 | 22.04 |
| 3 | QPSK | 15 | 0 | 22.18 | 22.03 | 21.90 |
| 3 | 16QAM | 1 | 0 | 22.41 | 22.46 | 22.48 |
| 3 | 16QAM | 1 | 8 | 22.34 | 22.43 | 22.29 |
| 3 | 16QAM | 1 | 14 | 22.26 | 22.47 | 22.16 |
| 3 | 16QAM | 8 | 0 | 21.09 | 20.95 | 21.05 |
| 3 | 16QAM | 8 | 4 | 21.08 | 21.06 | 20.96 |
| 3 | 16QAM | 8 | 7 | 21.18 | 21.15 | 21.03 |
| 3 | 16QAM | 15 | 0 | 21.11 | 21.03 | 20.95 |
| 3 | 64QAM | 1 | 0 | 22.31 | 22.19 | 22.18 |
| 3 | 64QAM | 1 | 8 | 22.32 | 22.04 | 22.02 |
| 3 | 64QAM | 1 | 14 | 21.98 | 22.26 | 22.04 |
| 3 | 64QAM | 8 | 0 | 21.03 | 21.15 | 21.06 |
| 3 | 64QAM | 8 | 4 | 21.17 | 21.08 | 21.03 |
| 3 | 64QAM | 8 | 7 | 21.08 | 21.05 | 20.96 |
| 3 | 64QAM | 15 | 0 | 21.05 | 21.00 | 20.84 |



| LTE Band 5 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20407 | 20525 | 20643 |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 |
| 1.4 | QPSK | 1 | 0 | 22.94 | 23.01 | 23.00 |
| 1.4 | QPSK | 1 | 3 | 22.85 | 22.87 | 22.85 |
| 1.4 | QPSK | 1 | 5 | 22.96 | 22.82 | 22.93 |
| 1.4 | QPSK | 3 | 0 | 22.02 | 22.12 | 22.03 |
| 1.4 | QPSK | 3 | 1 | 22.15 | 22.01 | 22.01 |
| 1.4 | QPSK | 3 | 3 | 22.16 | 22.07 | 22.05 |
| 1.4 | QPSK | 6 | 0 | 22.12 | 22.00 | 21.91 |
| 1.4 | 16QAM | 1 | 0 | 22.56 | 22.57 | 22.51 |
| 1.4 | 16QAM | 1 | 3 | 22.28 | 22.44 | 22.27 |
| 1.4 | 16QAM | 1 | 5 | 22.30 | 22.46 | 22.17 |
| 1.4 | 16QAM | 3 | 0 | 21.12 | 21.18 | 21.05 |
| 1.4 | 16QAM | 3 | 1 | 21.13 | 21.00 | 21.04 |
| 1.4 | 16QAM | 3 | 3 | 21.08 | 21.07 | 21.03 |
| 1.4 | 16QAM | 6 | 0 | 21.08 | 21.12 | 20.86 |
| 1.4 | 64QAM | 1 | 0 | 22.25 | 22.06 | 22.05 |
| 1.4 | 64QAM | 1 | 3 | 22.30 | 22.02 | 21.94 |
| 1.4 | 64QAM | 1 | 5 | 21.97 | 22.23 | 22.04 |
| 1.4 | 64QAM | 3 | 0 | 21.09 | 21.18 | 21.04 |
| 1.4 | 64QAM | 3 | 1 | 21.16 | 21.00 | 21.03 |
| 1.4 | 64QAM | 3 | 3 | 21.17 | 21.11 | 21.06 |
| 1.4 | 64QAM | 6 | 0 | 21.17 | 21.12 | 20.97 |



| LTE Band 7 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20850 | 21100 | 21350 |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 |
| 20 | QPSK | 1 | 0 | 22.92 | 23.05 | 22.98 |
| 20 | QPSK | 1 | 49 | 22.77 | 23.01 | 22.92 |
| 20 | QPSK | 1 | 99 | 22.82 | 22.85 | 22.68 |
| 20 | QPSK | 50 | 0 | 21.93 | 22.12 | 22.11 |
| 20 | QPSK | 50 | 24 | 21.97 | 21.92 | 21.86 |
| 20 | QPSK | 50 | 50 | 21.75 | 21.82 | 21.81 |
| 20 | QPSK | 100 | 0 | 21.77 | 21.90 | 21.97 |
| 20 | 16QAM | 1 | 0 | 21.79 | 21.96 | 22.09 |
| 20 | 16QAM | 1 | 49 | 21.78 | 21.87 | 21.97 |
| 20 | 16QAM | 1 | 99 | 21.65 | 21.75 | 21.74 |
| 20 | 16QAM | 50 | 0 | 21.08 | 21.17 | 21.19 |
| 20 | 16QAM | 50 | 24 | 20.90 | 21.11 | 20.93 |
| 20 | 16QAM | 50 | 50 | 21.02 | 20.92 | 20.90 |
| 20 | 16QAM | 100 | 0 | 20.96 | 20.96 | 21.07 |
| 20 | 64QAM | 1 | 0 | 21.85 | 21.91 | 22.06 |
| 20 | 64QAM | 1 | 49 | 21.67 | 21.89 | 21.94 |
| 20 | 64QAM | 1 | 99 | 21.78 | 21.67 | 21.83 |
| 20 | 64QAM | 50 | 0 | 21.12 | 21.12 | 21.16 |
| 20 | 64QAM | 50 | 24 | 21.03 | 21.02 | 21.15 |
| 20 | 64QAM | 50 | 50 | 20.97 | 20.97 | 20.98 |
| 20 | 64QAM | 100 | 0 | 20.99 | 21.03 | 20.93 |



| LTE Band 7 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20825 | 21100 | 21375 |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 |
| 15 | QPSK | 1 | 0 | 22.80 | 22.92 | 22.86 |
| 15 | QPSK | 1 | 37 | 22.69 | 22.91 | 22.79 |
| 15 | QPSK | 1 | 74 | 22.80 | 22.73 | 22.62 |
| 15 | QPSK | 36 | 0 | 21.80 | 22.08 | 21.99 |
| 15 | QPSK | 36 | 20 | 21.82 | 21.85 | 21.74 |
| 15 | QPSK | 36 | 39 | 21.66 | 21.79 | 21.73 |
| 15 | QPSK | 75 | 0 | 21.75 | 21.80 | 21.88 |
| 15 | 16QAM | 1 | 0 | 21.78 | 21.86 | 22.03 |
| 15 | 16QAM | 1 | 37 | 21.65 | 21.73 | 21.92 |
| 15 | 16QAM | 1 | 74 | 21.59 | 21.70 | 21.72 |
| 15 | 16QAM | 36 | 0 | 21.01 | 21.16 | 21.04 |
| 15 | 16QAM | 36 | 20 | 20.82 | 21.01 | 20.90 |
| 15 | 16QAM | 36 | 39 | 20.94 | 20.87 | 20.89 |
| 15 | 16QAM | 75 | 0 | 20.86 | 20.92 | 21.04 |
| 15 | 64QAM | 1 | 0 | 21.83 | 21.87 | 22.03 |
| 15 | 64QAM | 1 | 37 | 21.54 | 21.86 | 21.85 |
| 15 | 64QAM | 1 | 74 | 21.75 | 21.63 | 21.76 |
| 15 | 64QAM | 36 | 0 | 21.10 | 21.06 | 21.07 |
| 15 | 64QAM | 36 | 20 | 21.02 | 20.87 | 21.14 |
| 15 | 64QAM | 36 | 39 | 20.83 | 20.89 | 20.93 |
| 15 | 64QAM | 75 | 0 | 20.85 | 20.91 | 20.92 |



| LTE Band 7 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20800 | 21100 | 21400 |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 |
| 10 | QPSK | 1 | 0 | 22.77 | 22.93 | 22.87 |
| 10 | QPSK | 1 | 25 | 22.75 | 22.98 | 22.84 |
| 10 | QPSK | 1 | 49 | 22.68 | 22.72 | 22.62 |
| 10 | QPSK | 25 | 0 | 21.78 | 22.05 | 22.03 |
| 10 | QPSK | 25 | 12 | 21.86 | 21.90 | 21.75 |
| 10 | QPSK | 25 | 25 | 21.73 | 21.79 | 21.72 |
| 10 | QPSK | 50 | 0 | 21.65 | 21.75 | 21.89 |
| 10 | 16QAM | 1 | 0 | 21.78 | 21.88 | 22.00 |
| 10 | 16QAM | 1 | 25 | 21.77 | 21.83 | 21.82 |
| 10 | 16QAM | 1 | 49 | 21.59 | 21.71 | 21.65 |
| 10 | 16QAM | 25 | 0 | 20.98 | 21.10 | 21.07 |
| 10 | 16QAM | 25 | 12 | 20.80 | 21.02 | 20.78 |
| 10 | 16QAM | 25 | 25 | 21.01 | 20.85 | 20.80 |
| 10 | 16QAM | 50 | 0 | 20.91 | 20.83 | 20.97 |
| 10 | 64QAM | 1 | 0 | 21.75 | 21.85 | 21.96 |
| 10 | 64QAM | 1 | 25 | 21.62 | 21.87 | 21.93 |
| 10 | 64QAM | 1 | 49 | 21.73 | 21.54 | 21.70 |
| 10 | 64QAM | 25 | 0 | 21.07 | 21.07 | 21.12 |
| 10 | 64QAM | 25 | 12 | 20.93 | 20.88 | 21.09 |
| 10 | 64QAM | 25 | 25 | 20.95 | 20.82 | 20.96 |
| 10 | 64QAM | 50 | 0 | 20.96 | 20.90 | 20.92 |



| LTE Band 7 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20775 | 21100 | 21425 |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 |
| 5 | QPSK | 1 | 0 | 22.84 | 23.04 | 22.91 |
| 5 | QPSK | 1 | 12 | 22.72 | 22.94 | 22.88 |
| 5 | QPSK | 1 | 24 | 22.75 | 22.71 | 22.61 |
| 5 | QPSK | 12 | 0 | 21.85 | 22.01 | 22.09 |
| 5 | QPSK | 12 | 7 | 21.93 | 21.91 | 21.77 |
| 5 | QPSK | 12 | 13 | 21.74 | 21.72 | 21.79 |
| 5 | QPSK | 25 | 0 | 21.75 | 21.84 | 21.87 |
| 5 | 16QAM | 1 | 0 | 21.77 | 21.86 | 22.00 |
| 5 | 16QAM | 1 | 12 | 21.66 | 21.78 | 21.87 |
| 5 | 16QAM | 1 | 24 | 21.57 | 21.71 | 21.73 |
| 5 | 16QAM | 12 | 0 | 20.97 | 21.09 | 21.08 |
| 5 | 16QAM | 12 | 7 | 20.82 | 20.97 | 20.89 |
| 5 | 16QAM | 12 | 13 | 20.96 | 20.85 | 20.87 |
| 5 | 16QAM | 25 | 0 | 20.91 | 20.83 | 21.04 |
| 5 | 64QAM | 1 | 0 | 21.82 | 21.87 | 22.03 |
| 5 | 64QAM | 1 | 12 | 21.56 | 21.81 | 21.90 |
| 5 | 64QAM | 1 | 24 | 21.68 | 21.54 | 21.77 |
| 5 | 64QAM | 12 | 0 | 21.00 | 21.05 | 21.12 |
| 5 | 64QAM | 12 | 7 | 20.91 | 20.88 | 21.14 |
| 5 | 64QAM | 12 | 13 | 20.90 | 20.86 | 20.92 |
| 5 | 64QAM | 25 | 0 | 20.96 | 20.88 | 20.78 |



| LTE Band 12 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23060 | 23095 | 23130 |
| Frequency (MHz) | | | | 704 | 707.5 | 711 |
| 10 | QPSK | 1 | 0 | 23.09 | 23.13 | 23.07 |
| 10 | QPSK | 1 | 25 | 23.09 | 23.05 | 23.06 |
| 10 | QPSK | 1 | 49 | 23.05 | 23.08 | 23.09 |
| 10 | QPSK | 25 | 0 | 22.12 | 22.18 | 22.14 |
| 10 | QPSK | 25 | 12 | 22.16 | 22.08 | 22.16 |
| 10 | QPSK | 25 | 25 | 22.09 | 22.07 | 22.13 |
| 10 | QPSK | 50 | 0 | 22.05 | 22.04 | 22.11 |
| 10 | 16QAM | 1 | 0 | 22.47 | 22.46 | 22.37 |
| 10 | 16QAM | 1 | 25 | 22.03 | 22.20 | 22.38 |
| 10 | 16QAM | 1 | 49 | 22.20 | 22.27 | 22.33 |
| 10 | 16QAM | 25 | 0 | 21.02 | 21.17 | 21.01 |
| 10 | 16QAM | 25 | 12 | 21.13 | 21.12 | 21.15 |
| 10 | 16QAM | 25 | 25 | 21.12 | 21.23 | 21.08 |
| 10 | 16QAM | 50 | 0 | 21.14 | 21.12 | 21.16 |
| 10 | 64QAM | 1 | 0 | 22.02 | 22.12 | 22.18 |
| 10 | 64QAM | 1 | 25 | 22.01 | 22.18 | 22.37 |
| 10 | 64QAM | 1 | 49 | 22.32 | 22.35 | 22.14 |
| 10 | 64QAM | 25 | 0 | 20.93 | 21.13 | 21.11 |
| 10 | 64QAM | 25 | 12 | 21.23 | 21.08 | 21.19 |
| 10 | 64QAM | 25 | 25 | 21.03 | 21.16 | 21.20 |
| 10 | 64QAM | 50 | 0 | 21.16 | 21.11 | 20.83 |



| LTE Band 12 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23035 | 23095 | 23155 |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 |
| 5 | QPSK | 1 | 0 | 22.97 | 23.02 | 22.92 |
| 5 | QPSK | 1 | 12 | 23.00 | 22.95 | 22.97 |
| 5 | QPSK | 1 | 24 | 22.98 | 22.93 | 23.07 |
| 5 | QPSK | 12 | 0 | 22.04 | 21.91 | 21.97 |
| 5 | QPSK | 12 | 7 | 22.12 | 21.93 | 22.04 |
| 5 | QPSK | 12 | 13 | 22.04 | 22.02 | 22.11 |
| 5 | QPSK | 25 | 0 | 21.97 | 22.02 | 22.12 |
| 5 | 16QAM | 1 | 0 | 22.35 | 22.33 | 22.25 |
| 5 | 16QAM | 1 | 12 | 21.95 | 22.15 | 22.25 |
| 5 | 16QAM | 1 | 24 | 22.05 | 22.12 | 22.22 |
| 5 | 16QAM | 12 | 0 | 20.91 | 21.16 | 20.99 |
| 5 | 16QAM | 12 | 7 | 21.07 | 21.09 | 21.05 |
| 5 | 16QAM | 12 | 13 | 21.11 | 21.14 | 20.97 |
| 5 | 16QAM | 25 | 0 | 21.01 | 20.97 | 21.13 |
| 5 | 64QAM | 1 | 0 | 21.94 | 21.98 | 22.15 |
| 5 | 64QAM | 1 | 12 | 21.99 | 22.04 | 22.30 |
| 5 | 64QAM | 1 | 24 | 22.25 | 22.32 | 22.08 |
| 5 | 64QAM | 12 | 0 | 20.89 | 20.99 | 21.06 |
| 5 | 64QAM | 12 | 7 | 21.13 | 21.07 | 21.13 |
| 5 | 64QAM | 12 | 13 | 20.98 | 21.08 | 21.14 |
| 5 | 64QAM | 25 | 0 | 21.05 | 21.01 | 20.68 |



| LTE Band 12 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23025 | 23095 | 23165 |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 |
| 3 | QPSK | 1 | 0 | 22.98 | 23.01 | 22.97 |
| 3 | QPSK | 1 | 8 | 23.08 | 23.04 | 22.96 |
| 3 | QPSK | 1 | 14 | 23.02 | 23.01 | 22.96 |
| 3 | QPSK | 8 | 0 | 21.99 | 21.99 | 21.97 |
| 3 | QPSK | 8 | 4 | 22.01 | 22.03 | 22.08 |
| 3 | QPSK | 8 | 7 | 21.95 | 22.05 | 22.12 |
| 3 | QPSK | 15 | 0 | 21.94 | 22.03 | 22.08 |
| 3 | 16QAM | 1 | 0 | 22.25 | 22.30 | 22.27 |
| 3 | 16QAM | 1 | 8 | 21.93 | 22.05 | 22.28 |
| 3 | 16QAM | 1 | 14 | 22.12 | 22.24 | 22.29 |
| 3 | 16QAM | 8 | 0 | 20.99 | 21.05 | 20.88 |
| 3 | 16QAM | 8 | 4 | 21.11 | 21.06 | 21.12 |
| 3 | 16QAM | 8 | 7 | 21.03 | 21.15 | 21.07 |
| 3 | 16QAM | 15 | 0 | 21.07 | 21.05 | 21.06 |
| 3 | 64QAM | 1 | 0 | 21.95 | 22.10 | 22.08 |
| 3 | 64QAM | 1 | 8 | 21.92 | 22.12 | 22.25 |
| 3 | 64QAM | 1 | 14 | 22.26 | 22.22 | 22.05 |
| 3 | 64QAM | 8 | 0 | 20.91 | 21.04 | 20.98 |
| 3 | 64QAM | 8 | 4 | 21.21 | 21.00 | 21.06 |
| 3 | 64QAM | 8 | 7 | 20.96 | 21.12 | 21.06 |
| 3 | 64QAM | 15 | 0 | 21.01 | 21.07 | 20.69 |



| LTE Band 12 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23017 | 23095 | 23173 |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 |
| 1.4 | QPSK | 1 | 0 | 23.03 | 23.07 | 23.00 |
| 1.4 | QPSK | 1 | 3 | 22.97 | 22.95 | 22.99 |
| 1.4 | QPSK | 1 | 5 | 23.00 | 23.06 | 23.04 |
| 1.4 | QPSK | 3 | 0 | 22.06 | 22.05 | 22.01 |
| 1.4 | QPSK | 3 | 1 | 22.02 | 22.04 | 22.09 |
| 1.4 | QPSK | 3 | 3 | 22.04 | 22.05 | 22.02 |
| 1.4 | QPSK | 6 | 0 | 21.99 | 22.02 | 22.16 |
| 1.4 | 16QAM | 1 | 0 | 22.25 | 22.31 | 22.30 |
| 1.4 | 16QAM | 1 | 3 | 22.00 | 22.15 | 22.24 |
| 1.4 | 16QAM | 1 | 5 | 22.06 | 22.20 | 22.19 |
| 1.4 | 16QAM | 3 | 0 | 21.02 | 21.11 | 21.05 |
| 1.4 | 16QAM | 3 | 1 | 21.07 | 21.06 | 21.08 |
| 1.4 | 16QAM | 3 | 3 | 21.07 | 21.17 | 21.05 |
| 1.4 | 16QAM | 6 | 0 | 21.03 | 20.98 | 21.11 |
| 1.4 | 64QAM | 1 | 0 | 22.01 | 22.07 | 22.07 |
| 1.4 | 64QAM | 1 | 3 | 21.87 | 22.10 | 22.29 |
| 1.4 | 64QAM | 1 | 5 | 22.22 | 22.21 | 22.00 |
| 1.4 | 64QAM | 3 | 0 | 20.87 | 21.07 | 21.07 |
| 1.4 | 64QAM | 3 | 1 | 21.16 | 21.02 | 21.15 |
| 1.4 | 64QAM | 3 | 3 | 20.92 | 21.14 | 21.19 |
| 1.4 | 64QAM | 6 | 0 | 21.05 | 21.02 | 20.78 |



| LTE Band 17 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23780 | 23790 | 23800 |
| Frequency (MHz) | | | | 709 | 710 | 711 |
| 10 | QPSK | 1 | 0 | 23.13 | 23.22 | 23.10 |
| 10 | QPSK | 1 | 25 | 23.05 | 23.07 | 23.05 |
| 10 | QPSK | 1 | 49 | 22.97 | 22.92 | 23.08 |
| 10 | QPSK | 25 | 0 | 22.03 | 22.09 | 22.05 |
| 10 | QPSK | 25 | 12 | 22.02 | 22.08 | 22.05 |
| 10 | QPSK | 25 | 25 | 22.09 | 22.06 | 22.01 |
| 10 | QPSK | 50 | 0 | 22.02 | 22.08 | 22.03 |
| 10 | 16QAM | 1 | 0 | 22.22 | 22.44 | 22.37 |
| 10 | 16QAM | 1 | 25 | 22.35 | 22.41 | 22.23 |
| 10 | 16QAM | 1 | 49 | 22.38 | 22.24 | 22.19 |
| 10 | 16QAM | 25 | 0 | 21.15 | 21.17 | 21.11 |
| 10 | 16QAM | 25 | 12 | 21.25 | 21.18 | 21.22 |
| 10 | 16QAM | 25 | 25 | 21.16 | 21.13 | 21.23 |
| 10 | 16QAM | 50 | 0 | 21.12 | 21.08 | 21.01 |
| 10 | 64QAM | 1 | 0 | 22.28 | 22.15 | 22.16 |
| 10 | 64QAM | 1 | 25 | 22.22 | 22.26 | 22.02 |
| 10 | 64QAM | 1 | 49 | 22.03 | 22.14 | 22.19 |
| 10 | 64QAM | 25 | 0 | 21.11 | 21.09 | 21.13 |
| 10 | 64QAM | 25 | 12 | 21.28 | 21.21 | 21.18 |
| 10 | 64QAM | 25 | 25 | 21.08 | 21.10 | 21.13 |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.08 | 21.06 |



| LTE Band 17 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23755 | 23790 | 23825 |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 |
| 5 | QPSK | 1 | 0 | 23.10 | 23.15 | 23.08 |
| 5 | QPSK | 1 | 12 | 22.93 | 23.05 | 22.90 |
| 5 | QPSK | 1 | 24 | 22.87 | 22.88 | 23.00 |
| 5 | QPSK | 12 | 0 | 22.03 | 22.05 | 22.05 |
| 5 | QPSK | 12 | 7 | 22.12 | 22.00 | 22.21 |
| 5 | QPSK | 12 | 13 | 22.01 | 22.09 | 22.08 |
| 5 | QPSK | 25 | 0 | 21.89 | 22.06 | 21.99 |
| 5 | 16QAM | 1 | 0 | 22.08 | 22.40 | 22.27 |
| 5 | 16QAM | 1 | 12 | 22.30 | 22.38 | 22.16 |
| 5 | 16QAM | 1 | 24 | 22.23 | 22.13 | 22.17 |
| 5 | 16QAM | 12 | 0 | 21.02 | 21.14 | 21.10 |
| 5 | 16QAM | 12 | 7 | 21.21 | 21.06 | 21.08 |
| 5 | 16QAM | 12 | 13 | 21.10 | 21.08 | 21.08 |
| 5 | 16QAM | 25 | 0 | 21.05 | 20.93 | 20.91 |
| 5 | 64QAM | 1 | 0 | 22.17 | 22.06 | 22.03 |
| 5 | 64QAM | 1 | 12 | 22.19 | 22.22 | 22.00 |
| 5 | 64QAM | 1 | 24 | 21.89 | 22.12 | 22.09 |
| 5 | 64QAM | 12 | 0 | 21.04 | 20.97 | 21.00 |
| 5 | 64QAM | 12 | 7 | 21.16 | 21.19 | 21.16 |
| 5 | 64QAM | 12 | 13 | 20.95 | 20.95 | 21.04 |
| 5 | 64QAM | 25 | 0 | 21.05 | 21.00 | 21.00 |



| LTE Band 18 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23965 | 23970 | 23975 |
| Frequency (MHz) | | | | 826.5 | 827 | 827.5 |
| 5 | QPSK | 1 | 0 | 22.89 | 22.81 | 22.93 |
| 5 | QPSK | 1 | 12 | 22.96 | 22.93 | 22.98 |
| 5 | QPSK | 1 | 24 | 22.76 | 22.74 | 22.80 |
| 5 | QPSK | 12 | 0 | 21.96 | 21.94 | 22.01 |
| 5 | QPSK | 12 | 7 | 21.80 | 21.84 | 21.92 |
| 5 | QPSK | 12 | 13 | 21.85 | 21.81 | 21.90 |
| 5 | QPSK | 25 | 0 | 21.79 | 21.77 | 21.88 |
| 5 | 16QAM | 1 | 0 | 21.87 | 21.85 | 21.93 |
| 5 | 16QAM | 1 | 12 | 21.76 | 21.82 | 21.83 |
| 5 | 16QAM | 1 | 24 | 22.00 | 22.01 | 22.02 |
| 5 | 16QAM | 12 | 0 | 20.90 | 20.85 | 20.94 |
| 5 | 16QAM | 12 | 7 | 20.92 | 20.94 | 20.96 |
| 5 | 16QAM | 12 | 13 | 20.78 | 20.81 | 20.82 |
| 5 | 16QAM | 25 | 0 | 20.89 | 20.91 | 21.01 |
| 5 | 64QAM | 1 | 0 | 21.99 | 22.00 | 22.08 |
| 5 | 64QAM | 1 | 12 | 21.99 | 21.95 | 22.03 |
| 5 | 64QAM | 1 | 24 | 21.86 | 21.76 | 21.87 |
| 5 | 64QAM | 12 | 0 | 20.92 | 20.89 | 20.98 |
| 5 | 64QAM | 12 | 7 | 20.87 | 20.86 | 20.94 |
| 5 | 64QAM | 12 | 13 | 20.90 | 20.91 | 21.02 |
| 5 | 64QAM | 25 | 0 | 20.87 | 20.94 | 20.95 |



| LTE Band 19 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | / | 24075 | / |
| Frequency (MHz) | | | | / | 837.5 | / |
| 15 | QPSK | 1 | 0 | / | 23.08 | / |
| 15 | QPSK | 1 | 37 | / | 23.05 | / |
| 15 | QPSK | 1 | 74 | / | 22.95 | / |
| 15 | QPSK | 36 | 0 | / | 22.14 | / |
| 15 | QPSK | 36 | 20 | / | 22.08 | / |
| 15 | QPSK | 36 | 39 | / | 22.09 | / |
| 15 | QPSK | 75 | 0 | / | 22.02 | / |
| 15 | 16QAM | 1 | 0 | / | 22.06 | / |
| 15 | 16QAM | 1 | 37 | / | 21.99 | / |
| 15 | 16QAM | 1 | 74 | / | 22.04 | / |
| 15 | 16QAM | 36 | 0 | / | 21.09 | / |
| 15 | 16QAM | 36 | 20 | / | 21.16 | / |
| 15 | 16QAM | 36 | 39 | / | 21.02 | / |
| 15 | 16QAM | 75 | 0 | / | 21.18 | / |
| 15 | 64QAM | 1 | 0 | / | 22.13 | / |
| 15 | 64QAM | 1 | 37 | / | 22.18 | / |
| 15 | 64QAM | 1 | 74 | / | 22.16 | / |
| 15 | 64QAM | 36 | 0 | / | 21.07 | / |
| 15 | 64QAM | 36 | 20 | / | 21.09 | / |
| 15 | 64QAM | 36 | 39 | / | 21.11 | / |
| 15 | 64QAM | 75 | 0 | / | 21.01 | / |



| LTE Band 19 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 24050 | 24075 | 24100 |
| Frequency (MHz) | | | | 835 | 837.5 | 840 |
| 10 | QPSK | 1 | 0 | 23.01 | 23.04 | 22.87 |
| 10 | QPSK | 1 | 25 | 22.75 | 22.99 | 23.00 |
| 10 | QPSK | 1 | 49 | 22.79 | 22.83 | 22.78 |
| 10 | QPSK | 25 | 0 | 21.96 | 22.03 | 21.89 |
| 10 | QPSK | 25 | 12 | 21.86 | 21.97 | 21.82 |
| 10 | QPSK | 25 | 25 | 21.80 | 22.01 | 21.91 |
| 10 | QPSK | 50 | 0 | 21.78 | 21.96 | 21.87 |
| 10 | 16QAM | 1 | 0 | 21.87 | 21.97 | 21.81 |
| 10 | 16QAM | 1 | 25 | 21.76 | 21.94 | 21.69 |
| 10 | 16QAM | 1 | 49 | 21.85 | 22.02 | 21.83 |
| 10 | 16QAM | 25 | 0 | 20.93 | 21.06 | 20.93 |
| 10 | 16QAM | 25 | 12 | 20.83 | 21.07 | 20.85 |
| 10 | 16QAM | 25 | 25 | 20.90 | 20.95 | 20.82 |
| 10 | 16QAM | 50 | 0 | 20.97 | 21.14 | 20.90 |
| 10 | 64QAM | 1 | 0 | 21.79 | 21.99 | 21.95 |
| 10 | 64QAM | 1 | 25 | 21.96 | 22.12 | 21.98 |
| 10 | 64QAM | 1 | 49 | 21.88 | 22.09 | 21.88 |
| 10 | 64QAM | 25 | 0 | 20.90 | 21.04 | 20.99 |
| 10 | 64QAM | 25 | 12 | 20.82 | 20.96 | 20.91 |
| 10 | 64QAM | 25 | 25 | 20.81 | 20.97 | 20.96 |
| 10 | 64QAM | 50 | 0 | 20.95 | 20.99 | 20.86 |



| LTE Band 19 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 24025 | 24075 | 24125 |
| Frequency (MHz) | | | | 832.5 | 837.5 | 842.5 |
| 5 | QPSK | 1 | 0 | 22.96 | 23.03 | 22.95 |
| 5 | QPSK | 1 | 12 | 22.72 | 22.99 | 22.87 |
| 5 | QPSK | 1 | 24 | 22.79 | 22.87 | 22.84 |
| 5 | QPSK | 12 | 0 | 21.93 | 22.02 | 21.92 |
| 5 | QPSK | 12 | 7 | 21.81 | 22.07 | 21.89 |
| 5 | QPSK | 12 | 13 | 21.80 | 21.99 | 21.93 |
| 5 | QPSK | 25 | 0 | 21.74 | 21.95 | 21.87 |
| 5 | 16QAM | 1 | 0 | 21.73 | 22.02 | 21.85 |
| 5 | 16QAM | 1 | 12 | 21.75 | 21.98 | 21.81 |
| 5 | 16QAM | 1 | 24 | 21.84 | 22.00 | 21.95 |
| 5 | 16QAM | 12 | 0 | 20.93 | 21.06 | 20.97 |
| 5 | 16QAM | 12 | 7 | 20.87 | 21.03 | 20.75 |
| 5 | 16QAM | 12 | 13 | 20.94 | 21.00 | 20.71 |
| 5 | 16QAM | 25 | 0 | 20.92 | 21.16 | 20.90 |
| 5 | 64QAM | 1 | 0 | 21.78 | 21.99 | 22.00 |
| 5 | 64QAM | 1 | 12 | 21.85 | 22.14 | 22.05 |
| 5 | 64QAM | 1 | 24 | 21.81 | 22.02 | 21.85 |
| 5 | 64QAM | 12 | 0 | 20.91 | 21.01 | 20.95 |
| 5 | 64QAM | 12 | 7 | 20.91 | 21.02 | 20.87 |
| 5 | 64QAM | 12 | 13 | 20.86 | 21.03 | 20.93 |
| 5 | 64QAM | 25 | 0 | 20.84 | 20.99 | 20.81 |



| LTE Band 26 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26865 | 26915 | 26965 |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 |
| 15 | QPSK | 1 | 0 | 23.23 | 23.19 | 23.20 |
| 15 | QPSK | 1 | 37 | 22.92 | 22.80 | 23.13 |
| 15 | QPSK | 1 | 74 | 23.10 | 23.07 | 23.07 |
| 15 | QPSK | 36 | 0 | 22.15 | 22.14 | 22.14 |
| 15 | QPSK | 36 | 20 | 22.07 | 21.97 | 22.08 |
| 15 | QPSK | 36 | 39 | 22.12 | 22.11 | 22.09 |
| 15 | QPSK | 75 | 0 | 22.11 | 22.06 | 22.02 |
| 15 | 16QAM | 1 | 0 | 22.13 | 22.04 | 22.32 |
| 15 | 16QAM | 1 | 37 | 22.31 | 22.20 | 21.96 |
| 15 | 16QAM | 1 | 74 | 22.21 | 22.13 | 22.07 |
| 15 | 16QAM | 36 | 0 | 21.23 | 21.21 | 21.13 |
| 15 | 16QAM | 36 | 20 | 21.22 | 21.18 | 21.18 |
| 15 | 16QAM | 36 | 39 | 21.08 | 20.96 | 21.30 |
| 15 | 16QAM | 75 | 0 | 21.19 | 21.13 | 21.22 |
| 15 | 64QAM | 1 | 0 | 22.34 | 22.27 | 22.09 |
| 15 | 64QAM | 1 | 37 | 22.27 | 22.15 | 21.97 |
| 15 | 64QAM | 1 | 74 | 22.25 | 22.19 | 22.11 |
| 15 | 64QAM | 36 | 0 | 21.14 | 21.02 | 21.06 |
| 15 | 64QAM | 36 | 20 | 21.20 | 21.15 | 21.27 |
| 15 | 64QAM | 36 | 39 | 21.18 | 21.14 | 21.14 |
| 15 | 64QAM | 75 | 0 | 21.31 | 21.29 | 21.15 |



| LTE Band 26 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26840 | 26915 | 26990 |
| Frequency (MHz) | | | | 829.0 | 836.5 | 844.0 |
| 10 | QPSK | 1 | 0 | 23.02 | 23.06 | 23.11 |
| 10 | QPSK | 1 | 25 | 22.96 | 23.00 | 23.04 |
| 10 | QPSK | 1 | 49 | 22.87 | 22.85 | 22.97 |
| 10 | QPSK | 25 | 0 | 22.02 | 22.08 | 22.11 |
| 10 | QPSK | 25 | 12 | 21.95 | 22.02 | 22.04 |
| 10 | QPSK | 25 | 25 | 22.13 | 22.06 | 22.18 |
| 10 | QPSK | 50 | 0 | 22.09 | 22.05 | 22.17 |
| 10 | 16QAM | 1 | 0 | 22.11 | 22.11 | 22.18 |
| 10 | 16QAM | 1 | 25 | 21.82 | 21.85 | 21.88 |
| 10 | 16QAM | 1 | 49 | 21.89 | 21.88 | 21.97 |
| 10 | 16QAM | 25 | 0 | 20.98 | 21.03 | 21.10 |
| 10 | 16QAM | 25 | 12 | 21.06 | 21.04 | 21.15 |
| 10 | 16QAM | 25 | 25 | 21.13 | 21.17 | 21.19 |
| 10 | 16QAM | 50 | 0 | 21.03 | 21.02 | 21.11 |
| 10 | 64QAM | 1 | 0 | 21.87 | 21.85 | 21.97 |
| 10 | 64QAM | 1 | 25 | 21.87 | 21.89 | 21.96 |
| 10 | 64QAM | 1 | 49 | 21.95 | 22.00 | 22.06 |
| 10 | 64QAM | 25 | 0 | 20.87 | 20.89 | 20.96 |
| 10 | 64QAM | 25 | 12 | 21.19 | 21.13 | 21.21 |
| 10 | 64QAM | 25 | 25 | 21.05 | 21.04 | 21.12 |
| 10 | 64QAM | 50 | 0 | 20.99 | 20.94 | 21.06 |



| LTE Band 26 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26815 | 26915 | 27015 |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 |
| 5 | QPSK | 1 | 0 | 23.08 | 23.13 | 23.17 |
| 5 | QPSK | 1 | 12 | 22.99 | 22.96 | 23.01 |
| 5 | QPSK | 1 | 24 | 22.86 | 22.91 | 22.97 |
| 5 | QPSK | 12 | 0 | 21.88 | 21.96 | 22.00 |
| 5 | QPSK | 12 | 7 | 21.94 | 21.99 | 22.05 |
| 5 | QPSK | 12 | 13 | 22.04 | 22.02 | 22.12 |
| 5 | QPSK | 25 | 0 | 22.15 | 22.10 | 22.20 |
| 5 | 16QAM | 1 | 0 | 22.16 | 22.18 | 22.28 |
| 5 | 16QAM | 1 | 12 | 21.78 | 21.82 | 21.90 |
| 5 | 16QAM | 1 | 24 | 21.84 | 21.88 | 21.96 |
| 5 | 16QAM | 12 | 0 | 20.98 | 20.94 | 21.05 |
| 5 | 16QAM | 12 | 7 | 21.08 | 21.06 | 21.09 |
| 5 | 16QAM | 12 | 13 | 21.28 | 21.25 | 21.29 |
| 5 | 16QAM | 25 | 0 | 21.06 | 21.13 | 21.14 |
| 5 | 64QAM | 1 | 0 | 21.96 | 21.95 | 22.05 |
| 5 | 64QAM | 1 | 12 | 21.92 | 21.85 | 21.94 |
| 5 | 64QAM | 1 | 24 | 21.95 | 21.95 | 21.98 |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.97 | 21.00 |
| 5 | 64QAM | 12 | 7 | 21.09 | 21.10 | 21.20 |
| 5 | 64QAM | 12 | 13 | 20.97 | 20.97 | 21.05 |
| 5 | 64QAM | 25 | 0 | 20.94 | 21.01 | 21.06 |



| LTE Band 26 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26805 | 26915 | 27025 |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 |
| 3 | QPSK | 1 | 0 | 23.04 | 23.11 | 23.12 |
| 3 | QPSK | 1 | 8 | 22.91 | 22.93 | 23.01 |
| 3 | QPSK | 1 | 14 | 22.90 | 22.82 | 22.94 |
| 3 | QPSK | 8 | 0 | 21.90 | 21.90 | 22.01 |
| 3 | QPSK | 8 | 4 | 21.88 | 21.88 | 21.98 |
| 3 | QPSK | 8 | 7 | 22.08 | 22.07 | 22.18 |
| 3 | QPSK | 15 | 0 | 22.00 | 22.05 | 22.11 |
| 3 | 16QAM | 1 | 0 | 22.20 | 22.22 | 22.26 |
| 3 | 16QAM | 1 | 8 | 21.82 | 21.89 | 21.94 |
| 3 | 16QAM | 1 | 14 | 21.90 | 21.84 | 21.96 |
| 3 | 16QAM | 8 | 0 | 20.93 | 20.93 | 21.02 |
| 3 | 16QAM | 8 | 4 | 20.99 | 20.98 | 21.10 |
| 3 | 16QAM | 8 | 7 | 21.16 | 21.17 | 21.20 |
| 3 | 16QAM | 15 | 0 | 21.10 | 21.08 | 21.12 |
| 3 | 64QAM | 1 | 0 | 21.99 | 21.96 | 22.08 |
| 3 | 64QAM | 1 | 8 | 21.81 | 21.82 | 21.92 |
| 3 | 64QAM | 1 | 14 | 21.94 | 22.04 | 22.06 |
| 3 | 64QAM | 8 | 0 | 20.98 | 20.95 | 21.02 |
| 3 | 64QAM | 8 | 4 | 21.15 | 21.18 | 21.26 |
| 3 | 64QAM | 8 | 7 | 20.94 | 20.90 | 21.02 |
| 3 | 64QAM | 15 | 0 | 20.89 | 20.98 | 21.00 |



| LTE Band 26 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26797 | 26915 | 27033 |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 |
| 1.4 | QPSK | 1 | 0 | 23.05 | 23.00 | 23.08 |
| 1.4 | QPSK | 1 | 3 | 22.96 | 22.99 | 23.02 |
| 1.4 | QPSK | 1 | 5 | 22.88 | 22.83 | 22.94 |
| 1.4 | QPSK | 3 | 0 | 21.96 | 21.99 | 22.07 |
| 1.4 | QPSK | 3 | 1 | 21.87 | 21.92 | 21.98 |
| 1.4 | QPSK | 3 | 3 | 22.14 | 22.04 | 22.15 |
| 1.4 | QPSK | 6 | 0 | 22.06 | 22.09 | 22.18 |
| 1.4 | 16QAM | 1 | 0 | 22.26 | 22.23 | 22.29 |
| 1.4 | 16QAM | 1 | 3 | 21.88 | 21.83 | 21.92 |
| 1.4 | 16QAM | 1 | 5 | 21.99 | 21.92 | 22.02 |
| 1.4 | 16QAM | 3 | 0 | 20.97 | 20.96 | 21.04 |
| 1.4 | 16QAM | 3 | 1 | 21.08 | 21.15 | 21.17 |
| 1.4 | 16QAM | 3 | 3 | 21.14 | 21.18 | 21.24 |
| 1.4 | 16QAM | 6 | 0 | 21.06 | 21.03 | 21.08 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.05 | 22.06 |
| 1.4 | 64QAM | 1 | 3 | 21.86 | 21.89 | 21.94 |
| 1.4 | 64QAM | 1 | 5 | 21.98 | 22.00 | 22.09 |
| 1.4 | 64QAM | 3 | 0 | 20.89 | 20.84 | 20.91 |
| 1.4 | 64QAM | 3 | 1 | 21.14 | 21.08 | 21.17 |
| 1.4 | 64QAM | 3 | 3 | 21.05 | 21.06 | 21.13 |
| 1.4 | 64QAM | 6 | 0 | 21.01 | 21.05 | 21.11 |



| LTE Band 38 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 37850 | 38000 | 38150 |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 |
| 20 | QPSK | 1 | 0 | 23.17 | 23.32 | 23.27 |
| 20 | QPSK | 1 | 49 | 23.20 | 23.11 | 23.25 |
| 20 | QPSK | 1 | 99 | 23.11 | 23.17 | 23.15 |
| 20 | QPSK | 50 | 0 | 22.15 | 22.20 | 22.13 |
| 20 | QPSK | 50 | 24 | 22.17 | 22.16 | 22.08 |
| 20 | QPSK | 50 | 50 | 22.13 | 22.13 | 22.09 |
| 20 | QPSK | 100 | 0 | 22.06 | 22.12 | 22.17 |
| 20 | 16QAM | 1 | 0 | 22.37 | 22.28 | 22.40 |
| 20 | 16QAM | 1 | 49 | 22.38 | 22.50 | 22.10 |
| 20 | 16QAM | 1 | 99 | 22.34 | 22.27 | 22.13 |
| 20 | 16QAM | 50 | 0 | 21.20 | 21.28 | 21.25 |
| 20 | 16QAM | 50 | 24 | 21.36 | 21.41 | 21.25 |
| 20 | 16QAM | 50 | 50 | 21.30 | 21.13 | 21.42 |
| 20 | 16QAM | 100 | 0 | 21.13 | 21.33 | 21.38 |
| 20 | 64QAM | 1 | 0 | 22.25 | 22.14 | 22.24 |
| 20 | 64QAM | 1 | 49 | 22.25 | 22.39 | 22.02 |
| 20 | 64QAM | 1 | 99 | 22.24 | 22.37 | 22.18 |
| 20 | 64QAM | 50 | 0 | 21.28 | 21.32 | 21.23 |
| 20 | 64QAM | 50 | 24 | 21.18 | 21.35 | 21.39 |
| 20 | 64QAM | 50 | 50 | 21.37 | 21.30 | 21.19 |
| 20 | 64QAM | 100 | 0 | 21.17 | 21.50 | 21.34 |



| LTE Band 38 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 37825 | 38000 | 38175 |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 |
| 15 | QPSK | 1 | 0 | 23.16 | 23.29 | 23.23 |
| 15 | QPSK | 1 | 37 | 23.22 | 22.91 | 23.22 |
| 15 | QPSK | 1 | 74 | 23.11 | 23.15 | 23.24 |
| 15 | QPSK | 36 | 0 | 22.25 | 22.19 | 22.31 |
| 15 | QPSK | 36 | 20 | 22.29 | 22.23 | 22.13 |
| 15 | QPSK | 36 | 39 | 22.21 | 22.36 | 22.27 |
| 15 | QPSK | 75 | 0 | 22.21 | 22.13 | 22.20 |
| 15 | 16QAM | 1 | 0 | 22.33 | 22.26 | 22.35 |
| 15 | 16QAM | 1 | 37 | 22.32 | 22.40 | 22.10 |
| 15 | 16QAM | 1 | 74 | 22.35 | 22.18 | 22.13 |
| 15 | 16QAM | 36 | 0 | 21.22 | 21.26 | 21.22 |
| 15 | 16QAM | 36 | 20 | 21.29 | 21.37 | 21.17 |
| 15 | 16QAM | 36 | 39 | 21.25 | 21.05 | 21.41 |
| 15 | 16QAM | 75 | 0 | 21.11 | 21.26 | 21.33 |
| 15 | 64QAM | 1 | 0 | 22.35 | 22.42 | 22.16 |
| 15 | 64QAM | 1 | 37 | 22.20 | 22.35 | 22.00 |
| 15 | 64QAM | 1 | 74 | 22.26 | 22.40 | 22.13 |
| 15 | 64QAM | 36 | 0 | 21.18 | 21.30 | 21.17 |
| 15 | 64QAM | 36 | 20 | 21.19 | 21.38 | 21.41 |
| 15 | 64QAM | 36 | 39 | 21.38 | 21.30 | 21.15 |
| 15 | 64QAM | 75 | 0 | 21.20 | 21.41 | 21.38 |



| LTE Band 38 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 37800 | 38000 | 38200 |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 |
| 10 | QPSK | 1 | 0 | 23.07 | 23.20 | 23.21 |
| 10 | QPSK | 1 | 25 | 23.12 | 22.93 | 23.16 |
| 10 | QPSK | 1 | 49 | 23.12 | 23.20 | 23.28 |
| 10 | QPSK | 25 | 0 | 22.15 | 22.13 | 22.24 |
| 10 | QPSK | 25 | 12 | 22.19 | 22.16 | 22.17 |
| 10 | QPSK | 25 | 25 | 22.31 | 22.40 | 22.23 |
| 10 | QPSK | 50 | 0 | 22.28 | 22.16 | 22.17 |
| 10 | 16QAM | 1 | 0 | 22.40 | 22.32 | 22.42 |
| 10 | 16QAM | 1 | 25 | 22.33 | 22.43 | 22.01 |
| 10 | 16QAM | 1 | 49 | 22.31 | 22.22 | 22.04 |
| 10 | 16QAM | 25 | 0 | 21.21 | 21.30 | 21.18 |
| 10 | 16QAM | 25 | 12 | 21.36 | 21.37 | 21.18 |
| 10 | 16QAM | 25 | 25 | 21.23 | 21.12 | 21.39 |
| 10 | 16QAM | 50 | 0 | 21.06 | 21.31 | 21.30 |
| 10 | 64QAM | 1 | 0 | 22.37 | 22.45 | 22.27 |
| 10 | 64QAM | 1 | 25 | 22.16 | 22.32 | 22.02 |
| 10 | 64QAM | 1 | 49 | 22.17 | 22.30 | 22.10 |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.34 | 21.14 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.30 | 21.36 |
| 10 | 64QAM | 25 | 25 | 21.40 | 21.33 | 21.10 |
| 10 | 64QAM | 50 | 0 | 21.13 | 21.49 | 21.35 |



| LTE Band 38 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 37775 | 38000 | 38225 |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 |
| 5 | QPSK | 1 | 0 | 23.16 | 23.24 | 23.23 |
| 5 | QPSK | 1 | 12 | 23.10 | 23.03 | 23.26 |
| 5 | QPSK | 1 | 24 | 23.13 | 23.09 | 23.18 |
| 5 | QPSK | 12 | 0 | 22.25 | 22.24 | 22.37 |
| 5 | QPSK | 12 | 7 | 22.20 | 22.28 | 22.22 |
| 5 | QPSK | 12 | 13 | 22.30 | 22.36 | 22.24 |
| 5 | QPSK | 25 | 0 | 22.28 | 22.25 | 22.22 |
| 5 | 16QAM | 1 | 0 | 22.33 | 22.29 | 22.33 |
| 5 | 16QAM | 1 | 12 | 22.30 | 22.54 | 22.09 |
| 5 | 16QAM | 1 | 24 | 22.27 | 22.23 | 22.15 |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.19 | 21.26 |
| 5 | 16QAM | 12 | 7 | 21.30 | 21.31 | 21.21 |
| 5 | 16QAM | 12 | 13 | 21.33 | 21.03 | 21.34 |
| 5 | 16QAM | 25 | 0 | 21.16 | 21.37 | 21.32 |
| 5 | 64QAM | 1 | 0 | 22.25 | 22.42 | 22.28 |
| 5 | 64QAM | 1 | 12 | 22.20 | 22.37 | 22.06 |
| 5 | 64QAM | 1 | 24 | 22.28 | 22.34 | 22.17 |
| 5 | 64QAM | 12 | 0 | 21.26 | 21.35 | 21.18 |
| 5 | 64QAM | 12 | 7 | 21.09 | 21.31 | 21.33 |
| 5 | 64QAM | 12 | 13 | 21.37 | 21.33 | 21.13 |
| 5 | 64QAM | 25 | 0 | 21.20 | 21.41 | 21.24 |



| LTE Band 40, Block A | | | | | | |
|----------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | / | 38750 | / |
| Frequency (MHz) | | | | / | 2310 | / |
| 10 | QPSK | 1 | 0 | / | 23.11 | / |
| 10 | QPSK | 1 | 25 | / | 22.92 | / |
| 10 | QPSK | 1 | 49 | / | 22.98 | / |
| 10 | QPSK | 25 | 0 | / | 22.14 | / |
| 10 | QPSK | 25 | 12 | / | 22.12 | / |
| 10 | QPSK | 25 | 25 | / | 22.09 | / |
| 10 | QPSK | 50 | 0 | / | 22.06 | / |
| 10 | 16QAM | 1 | 0 | / | 22.15 | / |
| 10 | 16QAM | 1 | 25 | / | 22.13 | / |
| 10 | 16QAM | 1 | 49 | / | 22.19 | / |
| 10 | 16QAM | 25 | 0 | / | 21.17 | / |
| 10 | 16QAM | 25 | 12 | / | 21.25 | / |
| 10 | 16QAM | 25 | 25 | / | 21.23 | / |
| 10 | 16QAM | 50 | 0 | / | 21.09 | / |
| 10 | 64QAM | 1 | 0 | / | 22.27 | / |
| 10 | 64QAM | 1 | 25 | / | 22.29 | / |
| 10 | 64QAM | 1 | 49 | / | 21.99 | / |
| 10 | 64QAM | 25 | 0 | / | 21.03 | / |
| 10 | 64QAM | 25 | 12 | / | 21.29 | / |
| 10 | 64QAM | 25 | 25 | / | 21.12 | / |
| 10 | 64QAM | 50 | 0 | / | 21.22 | / |



| LTE Band 40, Block A | | | | | | |
|----------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 38725 | 38750 | 38775 |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 |
| 5 | QPSK | 1 | 0 | 23.05 | 23.08 | 23.03 |
| 5 | QPSK | 1 | 12 | 22.97 | 22.93 | 23.00 |
| 5 | QPSK | 1 | 24 | 22.91 | 22.97 | 22.89 |
| 5 | QPSK | 12 | 0 | 22.03 | 22.02 | 22.00 |
| 5 | QPSK | 12 | 7 | 22.22 | 22.13 | 22.05 |
| 5 | QPSK | 12 | 13 | 22.19 | 22.12 | 22.10 |
| 5 | QPSK | 25 | 0 | 22.28 | 22.18 | 21.86 |
| 5 | 16QAM | 1 | 0 | 22.46 | 22.42 | 22.44 |
| 5 | 16QAM | 1 | 12 | 22.23 | 22.46 | 22.23 |
| 5 | 16QAM | 1 | 24 | 22.34 | 22.37 | 22.09 |
| 5 | 16QAM | 12 | 0 | 21.13 | 21.12 | 21.00 |
| 5 | 16QAM | 12 | 7 | 21.20 | 21.01 | 20.99 |
| 5 | 16QAM | 12 | 13 | 21.19 | 21.20 | 20.97 |
| 5 | 16QAM | 25 | 0 | 21.05 | 21.12 | 20.92 |
| 5 | 64QAM | 1 | 0 | 22.20 | 22.12 | 22.00 |
| 5 | 64QAM | 1 | 12 | 22.26 | 22.15 | 21.94 |
| 5 | 64QAM | 1 | 24 | 21.95 | 22.21 | 22.13 |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.20 | 20.98 |
| 5 | 64QAM | 12 | 7 | 21.25 | 21.05 | 21.10 |
| 5 | 64QAM | 12 | 13 | 21.12 | 21.14 | 21.13 |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.16 | 20.97 |



| LTE Band 40, Block B | | | | | | |
|----------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | / | 39200 | / |
| Frequency (MHz) | | | | / | 2355 | / |
| 10 | QPSK | 1 | 0 | / | 23.08 | / |
| 10 | QPSK | 1 | 25 | / | 23.01 | / |
| 10 | QPSK | 1 | 49 | / | 22.92 | / |
| 10 | QPSK | 25 | 0 | / | 21.88 | / |
| 10 | QPSK | 25 | 12 | / | 21.83 | / |
| 10 | QPSK | 25 | 25 | / | 21.80 | / |
| 10 | QPSK | 50 | 0 | / | 21.86 | / |
| 10 | 16QAM | 1 | 0 | / | 22.35 | / |
| 10 | 16QAM | 1 | 25 | / | 22.28 | / |
| 10 | 16QAM | 1 | 49 | / | 22.10 | / |
| 10 | 16QAM | 25 | 0 | / | 21.06 | / |
| 10 | 16QAM | 25 | 12 | / | 21.07 | / |
| 10 | 16QAM | 25 | 25 | / | 20.98 | / |
| 10 | 16QAM | 50 | 0 | / | 20.93 | / |
| 10 | 64QAM | 1 | 0 | / | 21.99 | / |
| 10 | 64QAM | 1 | 25 | / | 21.93 | / |
| 10 | 64QAM | 1 | 49 | / | 22.08 | / |
| 10 | 64QAM | 25 | 0 | / | 21.11 | / |
| 10 | 64QAM | 25 | 12 | / | 21.09 | / |
| 10 | 64QAM | 25 | 25 | / | 21.02 | / |
| 10 | 64QAM | 50 | 0 | / | 20.96 | / |



| LTE Band 40, Block B | | | | | | |
|----------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39175 | 39200 | 39225 |
| Frequency (MHz) | | | | 2352.5 | 2355 | 2357.5 |
| 5 | QPSK | 1 | 0 | 23.00 | 23.06 | 23.03 |
| 5 | QPSK | 1 | 12 | 22.95 | 22.94 | 22.98 |
| 5 | QPSK | 1 | 24 | 22.89 | 22.96 | 22.89 |
| 5 | QPSK | 12 | 0 | 22.07 | 22.06 | 22.02 |
| 5 | QPSK | 12 | 7 | 22.12 | 22.09 | 22.12 |
| 5 | QPSK | 12 | 13 | 22.14 | 22.10 | 22.04 |
| 5 | QPSK | 25 | 0 | 22.26 | 22.17 | 21.87 |
| 5 | 16QAM | 1 | 0 | 22.45 | 22.36 | 22.38 |
| 5 | 16QAM | 1 | 12 | 22.20 | 22.40 | 22.23 |
| 5 | 16QAM | 1 | 24 | 22.35 | 22.39 | 22.07 |
| 5 | 16QAM | 12 | 0 | 21.14 | 21.09 | 20.99 |
| 5 | 16QAM | 12 | 7 | 21.19 | 21.00 | 21.09 |
| 5 | 16QAM | 12 | 13 | 21.19 | 21.12 | 21.08 |
| 5 | 16QAM | 25 | 0 | 21.09 | 21.19 | 20.99 |
| 5 | 64QAM | 1 | 0 | 22.27 | 22.21 | 21.93 |
| 5 | 64QAM | 1 | 12 | 22.31 | 22.06 | 21.92 |
| 5 | 64QAM | 1 | 24 | 21.92 | 22.36 | 22.12 |
| 5 | 64QAM | 12 | 0 | 21.01 | 21.25 | 20.97 |
| 5 | 64QAM | 12 | 7 | 21.18 | 21.11 | 21.09 |
| 5 | 64QAM | 12 | 13 | 21.15 | 21.24 | 21.11 |
| 5 | 64QAM | 25 | 0 | 21.19 | 21.07 | 20.95 |



| LTE Band 41 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39750 | 40620 | 41490 |
| Frequency (MHz) | | | | 2506 | 2593 | 2680 |
| 20 | QPSK | 1 | 0 | 22.92 | 23.11 | 22.96 |
| 20 | QPSK | 1 | 49 | 22.91 | 22.95 | 22.95 |
| 20 | QPSK | 1 | 99 | 22.90 | 22.90 | 22.95 |
| 20 | QPSK | 50 | 0 | 21.95 | 22.13 | 22.06 |
| 20 | QPSK | 50 | 24 | 22.08 | 22.10 | 22.05 |
| 20 | QPSK | 50 | 50 | 22.05 | 22.09 | 21.99 |
| 20 | QPSK | 100 | 0 | 22.09 | 22.10 | 22.06 |
| 20 | 16QAM | 1 | 0 | 22.38 | 22.47 | 22.34 |
| 20 | 16QAM | 1 | 49 | 22.20 | 22.45 | 22.20 |
| 20 | 16QAM | 1 | 99 | 22.16 | 22.39 | 22.05 |
| 20 | 16QAM | 50 | 0 | 21.05 | 21.26 | 20.98 |
| 20 | 16QAM | 50 | 24 | 21.04 | 21.11 | 20.97 |
| 20 | 16QAM | 50 | 50 | 21.01 | 21.13 | 21.05 |
| 20 | 16QAM | 100 | 0 | 21.04 | 21.10 | 21.06 |
| 20 | 64QAM | 1 | 0 | 22.10 | 22.35 | 22.04 |
| 20 | 64QAM | 1 | 49 | 22.13 | 22.10 | 22.12 |
| 20 | 64QAM | 1 | 99 | 22.02 | 22.20 | 21.94 |
| 20 | 64QAM | 50 | 0 | 21.02 | 21.17 | 21.11 |
| 20 | 64QAM | 50 | 24 | 21.06 | 21.13 | 21.15 |
| 20 | 64QAM | 50 | 50 | 21.03 | 21.12 | 21.03 |
| 20 | 64QAM | 100 | 0 | 21.09 | 21.07 | 21.09 |



| LTE Band 41 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39725 | 40620 | 41515 |
| Frequency (MHz) | | | | 2503.5 | 2593 | 2682.5 |
| 15 | QPSK | 1 | 0 | 22.93 | 23.02 | 22.91 |
| 15 | QPSK | 1 | 37 | 23.02 | 22.88 | 22.92 |
| 15 | QPSK | 1 | 74 | 22.90 | 22.88 | 22.96 |
| 15 | QPSK | 36 | 0 | 21.94 | 22.07 | 21.98 |
| 15 | QPSK | 36 | 20 | 22.09 | 22.06 | 22.11 |
| 15 | QPSK | 36 | 39 | 22.13 | 22.15 | 22.08 |
| 15 | QPSK | 75 | 0 | 21.86 | 22.12 | 21.94 |
| 15 | 16QAM | 1 | 0 | 22.29 | 22.39 | 22.35 |
| 15 | 16QAM | 1 | 37 | 22.26 | 22.42 | 22.23 |
| 15 | 16QAM | 1 | 74 | 22.02 | 22.47 | 22.15 |
| 15 | 16QAM | 36 | 0 | 21.07 | 21.09 | 21.07 |
| 15 | 16QAM | 36 | 20 | 21.03 | 21.10 | 21.10 |
| 15 | 16QAM | 36 | 39 | 21.04 | 21.10 | 21.00 |
| 15 | 16QAM | 75 | 0 | 20.98 | 21.13 | 21.02 |
| 15 | 64QAM | 1 | 0 | 21.92 | 22.42 | 22.00 |
| 15 | 64QAM | 1 | 37 | 21.99 | 22.08 | 22.01 |
| 15 | 64QAM | 1 | 74 | 22.09 | 22.35 | 22.11 |
| 15 | 64QAM | 36 | 0 | 21.06 | 21.19 | 21.01 |
| 15 | 64QAM | 36 | 20 | 21.06 | 21.06 | 21.00 |
| 15 | 64QAM | 36 | 39 | 20.99 | 21.10 | 21.07 |
| 15 | 64QAM | 75 | 0 | 21.03 | 21.14 | 20.91 |



| LTE Band 41 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39700 | 40620 | 41540 |
| Frequency (MHz) | | | | 2501 | 2593 | 2685 |
| 10 | QPSK | 1 | 0 | 22.97 | 23.06 | 22.97 |
| 10 | QPSK | 1 | 25 | 22.84 | 22.90 | 22.92 |
| 10 | QPSK | 1 | 49 | 22.92 | 22.88 | 22.95 |
| 10 | QPSK | 25 | 0 | 21.99 | 22.04 | 22.11 |
| 10 | QPSK | 25 | 12 | 22.25 | 22.13 | 22.24 |
| 10 | QPSK | 25 | 25 | 22.19 | 22.10 | 22.14 |
| 10 | QPSK | 50 | 0 | 22.19 | 22.10 | 22.15 |
| 10 | 16QAM | 1 | 0 | 22.32 | 22.45 | 22.35 |
| 10 | 16QAM | 1 | 25 | 22.19 | 22.42 | 22.17 |
| 10 | 16QAM | 1 | 49 | 22.31 | 22.35 | 22.30 |
| 10 | 16QAM | 25 | 0 | 21.05 | 21.12 | 21.16 |
| 10 | 16QAM | 25 | 12 | 21.15 | 21.14 | 21.23 |
| 10 | 16QAM | 25 | 25 | 21.24 | 21.18 | 21.18 |
| 10 | 16QAM | 50 | 0 | 21.06 | 21.15 | 21.11 |
| 10 | 64QAM | 1 | 0 | 21.98 | 22.15 | 21.95 |
| 10 | 64QAM | 1 | 25 | 21.92 | 22.09 | 21.95 |
| 10 | 64QAM | 1 | 49 | 22.04 | 22.28 | 22.01 |
| 10 | 64QAM | 25 | 0 | 21.02 | 21.12 | 21.07 |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.10 | 21.09 |
| 10 | 64QAM | 25 | 25 | 21.00 | 21.14 | 21.12 |
| 10 | 64QAM | 50 | 0 | 20.91 | 21.05 | 20.90 |



| LTE Band 41 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39675 | 40620 | 41565 |
| Frequency (MHz) | | | | 2498.5 | 2593 | 2687.5 |
| 5 | QPSK | 1 | 0 | 22.97 | 23.06 | 22.98 |
| 5 | QPSK | 1 | 12 | 22.94 | 22.83 | 23.02 |
| 5 | QPSK | 1 | 24 | 22.93 | 22.92 | 22.96 |
| 5 | QPSK | 12 | 0 | 22.01 | 22.05 | 21.91 |
| 5 | QPSK | 12 | 7 | 22.08 | 22.05 | 22.11 |
| 5 | QPSK | 12 | 13 | 22.03 | 22.10 | 22.05 |
| 5 | QPSK | 25 | 0 | 21.94 | 22.17 | 21.91 |
| 5 | 16QAM | 1 | 0 | 22.29 | 22.47 | 22.31 |
| 5 | 16QAM | 1 | 12 | 22.18 | 22.31 | 22.23 |
| 5 | 16QAM | 1 | 24 | 22.03 | 22.28 | 22.10 |
| 5 | 16QAM | 12 | 0 | 21.01 | 21.05 | 21.12 |
| 5 | 16QAM | 12 | 7 | 21.09 | 21.04 | 21.08 |
| 5 | 16QAM | 12 | 13 | 21.09 | 21.07 | 20.98 |
| 5 | 16QAM | 25 | 0 | 20.98 | 21.13 | 20.98 |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.19 | 22.02 |
| 5 | 64QAM | 1 | 12 | 22.00 | 22.16 | 21.98 |
| 5 | 64QAM | 1 | 24 | 22.04 | 22.33 | 22.06 |
| 5 | 64QAM | 12 | 0 | 20.98 | 21.24 | 21.08 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.09 | 21.07 |
| 5 | 64QAM | 12 | 13 | 21.09 | 21.10 | 21.07 |
| 5 | 64QAM | 25 | 0 | 21.02 | 21.11 | 21.03 |



| LTE Band 66 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 132072 | 132322 | 132572 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | QPSK | 1 | 0 | 23.07 | 23.26 | 23.21 |
| 20 | QPSK | 1 | 49 | 23.10 | 22.91 | 23.15 |
| 20 | QPSK | 1 | 99 | 23.01 | 23.07 | 23.15 |
| 20 | QPSK | 50 | 0 | 22.05 | 22.10 | 22.03 |
| 20 | QPSK | 50 | 24 | 22.07 | 22.03 | 22.09 |
| 20 | QPSK | 50 | 50 | 22.02 | 22.06 | 22.02 |
| 20 | QPSK | 100 | 0 | 22.06 | 22.08 | 22.07 |
| 20 | 16QAM | 1 | 0 | 22.27 | 22.18 | 22.30 |
| 20 | 16QAM | 1 | 49 | 22.28 | 22.40 | 22.00 |
| 20 | 16QAM | 1 | 99 | 22.24 | 22.17 | 22.03 |
| 20 | 16QAM | 50 | 0 | 21.10 | 21.18 | 21.15 |
| 20 | 16QAM | 50 | 24 | 21.26 | 21.31 | 21.15 |
| 20 | 16QAM | 50 | 50 | 21.20 | 21.03 | 21.32 |
| 20 | 16QAM | 100 | 0 | 21.03 | 21.23 | 21.28 |
| 20 | 64QAM | 1 | 0 | 22.24 | 22.32 | 22.14 |
| 20 | 64QAM | 1 | 49 | 22.15 | 22.29 | 21.92 |
| 20 | 64QAM | 1 | 99 | 22.14 | 22.27 | 22.08 |
| 20 | 64QAM | 50 | 0 | 21.18 | 21.22 | 21.13 |
| 20 | 64QAM | 50 | 24 | 21.08 | 21.25 | 21.29 |
| 20 | 64QAM | 50 | 50 | 21.27 | 21.20 | 21.09 |
| 20 | 64QAM | 100 | 0 | 21.07 | 21.40 | 21.24 |



| LTE Band 66 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 132047 | 132322 | 132597 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | QPSK | 1 | 0 | 22.99 | 23.20 | 23.14 |
| 15 | QPSK | 1 | 37 | 23.06 | 22.89 | 23.06 |
| 15 | QPSK | 1 | 74 | 23.01 | 23.07 | 23.09 |
| 15 | QPSK | 36 | 0 | 22.09 | 22.01 | 22.17 |
| 15 | QPSK | 36 | 20 | 22.09 | 22.16 | 22.03 |
| 15 | QPSK | 36 | 39 | 22.20 | 22.25 | 22.16 |
| 15 | QPSK | 75 | 0 | 22.20 | 22.15 | 22.13 |
| 15 | 16QAM | 1 | 0 | 22.25 | 22.19 | 22.31 |
| 15 | 16QAM | 1 | 37 | 22.22 | 22.30 | 22.01 |
| 15 | 16QAM | 1 | 74 | 22.26 | 22.07 | 22.01 |
| 15 | 16QAM | 36 | 0 | 21.14 | 21.13 | 21.16 |
| 15 | 16QAM | 36 | 20 | 21.26 | 21.26 | 21.10 |
| 15 | 16QAM | 36 | 39 | 21.21 | 21.07 | 21.26 |
| 15 | 16QAM | 75 | 0 | 20.95 | 21.27 | 21.18 |
| 15 | 64QAM | 1 | 0 | 22.23 | 22.35 | 22.04 |
| 15 | 64QAM | 1 | 37 | 22.07 | 22.23 | 21.92 |
| 15 | 64QAM | 1 | 74 | 22.08 | 22.24 | 22.10 |
| 15 | 64QAM | 36 | 0 | 21.08 | 21.19 | 21.14 |
| 15 | 64QAM | 36 | 20 | 21.03 | 21.20 | 21.25 |
| 15 | 64QAM | 36 | 39 | 21.23 | 21.19 | 21.04 |
| 15 | 64QAM | 75 | 0 | 21.09 | 21.39 | 21.21 |



| LTE Band 66 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 132022 | 132322 | 132622 |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 |
| 10 | QPSK | 1 | 0 | 23.04 | 23.15 | 23.11 |
| 10 | QPSK | 1 | 25 | 23.04 | 22.89 | 23.07 |
| 10 | QPSK | 1 | 49 | 22.98 | 22.97 | 23.05 |
| 10 | QPSK | 25 | 0 | 22.07 | 22.08 | 22.26 |
| 10 | QPSK | 25 | 12 | 22.07 | 22.10 | 22.14 |
| 10 | QPSK | 25 | 25 | 22.13 | 22.24 | 22.21 |
| 10 | QPSK | 50 | 0 | 22.09 | 22.03 | 22.10 |
| 10 | 16QAM | 1 | 0 | 22.25 | 22.17 | 22.24 |
| 10 | 16QAM | 1 | 25 | 22.31 | 22.39 | 21.96 |
| 10 | 16QAM | 1 | 49 | 22.28 | 22.13 | 22.06 |
| 10 | 16QAM | 25 | 0 | 21.05 | 21.11 | 21.11 |
| 10 | 16QAM | 25 | 12 | 21.29 | 21.31 | 21.14 |
| 10 | 16QAM | 25 | 25 | 21.21 | 21.01 | 21.30 |
| 10 | 16QAM | 50 | 0 | 20.95 | 21.19 | 21.32 |
| 10 | 64QAM | 1 | 0 | 22.14 | 22.42 | 22.18 |
| 10 | 64QAM | 1 | 25 | 22.11 | 22.21 | 21.97 |
| 10 | 64QAM | 1 | 49 | 22.07 | 22.18 | 22.03 |
| 10 | 64QAM | 25 | 0 | 21.08 | 21.22 | 21.10 |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.21 | 21.24 |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.14 | 21.02 |
| 10 | 64QAM | 50 | 0 | 20.97 | 21.31 | 21.16 |



| LTE Band 66 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 131997 | 132322 | 132647 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | QPSK | 1 | 0 | 23.00 | 23.18 | 23.20 |
| 5 | QPSK | 1 | 12 | 23.06 | 22.94 | 23.15 |
| 5 | QPSK | 1 | 24 | 23.04 | 23.07 | 23.10 |
| 5 | QPSK | 12 | 0 | 22.12 | 22.14 | 22.24 |
| 5 | QPSK | 12 | 7 | 22.09 | 22.18 | 22.05 |
| 5 | QPSK | 12 | 13 | 22.23 | 22.24 | 22.12 |
| 5 | QPSK | 25 | 0 | 22.18 | 22.15 | 22.14 |
| 5 | 16QAM | 1 | 0 | 22.29 | 22.11 | 22.24 |
| 5 | 16QAM | 1 | 12 | 22.26 | 22.30 | 22.01 |
| 5 | 16QAM | 1 | 24 | 22.19 | 22.17 | 22.07 |
| 5 | 16QAM | 12 | 0 | 21.00 | 21.16 | 21.18 |
| 5 | 16QAM | 12 | 7 | 21.25 | 21.22 | 21.05 |
| 5 | 16QAM | 12 | 13 | 21.13 | 21.04 | 21.34 |
| 5 | 16QAM | 25 | 0 | 21.07 | 21.23 | 21.29 |
| 5 | 64QAM | 1 | 0 | 22.20 | 22.35 | 22.18 |
| 5 | 64QAM | 1 | 12 | 22.18 | 22.23 | 21.95 |
| 5 | 64QAM | 1 | 24 | 22.11 | 22.19 | 22.06 |
| 5 | 64QAM | 12 | 0 | 21.15 | 21.16 | 21.12 |
| 5 | 64QAM | 12 | 7 | 21.00 | 21.27 | 21.22 |
| 5 | 64QAM | 12 | 13 | 21.20 | 21.10 | 20.99 |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.43 | 21.15 |



| LTE Band 66 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 131987 | 132322 | 132657 |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 |
| 3 | QPSK | 1 | 0 | 22.99 | 23.12 | 23.17 |
| 3 | QPSK | 1 | 8 | 23.08 | 22.86 | 23.19 |
| 3 | QPSK | 1 | 14 | 23.03 | 22.98 | 23.11 |
| 3 | QPSK | 8 | 0 | 22.09 | 22.05 | 22.25 |
| 3 | QPSK | 8 | 4 | 22.13 | 22.16 | 22.01 |
| 3 | QPSK | 8 | 7 | 22.13 | 22.18 | 22.17 |
| 3 | QPSK | 15 | 0 | 22.13 | 22.13 | 22.09 |
| 3 | 16QAM | 1 | 0 | 22.23 | 22.10 | 22.23 |
| 3 | 16QAM | 1 | 8 | 22.22 | 22.32 | 21.98 |
| 3 | 16QAM | 1 | 14 | 22.21 | 22.08 | 21.99 |
| 3 | 16QAM | 8 | 0 | 21.13 | 21.18 | 21.09 |
| 3 | 16QAM | 8 | 4 | 21.26 | 21.30 | 21.12 |
| 3 | 16QAM | 8 | 7 | 21.10 | 20.96 | 21.30 |
| 3 | 16QAM | 15 | 0 | 20.99 | 21.19 | 21.25 |
| 3 | 64QAM | 1 | 0 | 22.26 | 22.43 | 22.08 |
| 3 | 64QAM | 1 | 8 | 22.14 | 22.24 | 21.98 |
| 3 | 64QAM | 1 | 14 | 22.12 | 22.30 | 21.99 |
| 3 | 64QAM | 8 | 0 | 21.13 | 21.20 | 21.11 |
| 3 | 64QAM | 8 | 4 | 21.01 | 21.24 | 21.20 |
| 3 | 64QAM | 8 | 7 | 21.18 | 21.16 | 21.13 |
| 3 | 64QAM | 15 | 0 | 21.10 | 21.42 | 21.15 |



| LTE Band 66 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 131979 | 132322 | 132665 |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 |
| 1.4 | QPSK | 1 | 0 | 23.04 | 23.19 | 23.22 |
| 1.4 | QPSK | 1 | 3 | 23.05 | 22.90 | 23.16 |
| 1.4 | QPSK | 1 | 5 | 22.98 | 23.06 | 23.14 |
| 1.4 | QPSK | 3 | 0 | 22.11 | 22.13 | 22.20 |
| 1.4 | QPSK | 3 | 1 | 22.07 | 22.20 | 22.00 |
| 1.4 | QPSK | 3 | 3 | 22.12 | 22.30 | 22.14 |
| 1.4 | QPSK | 6 | 0 | 22.15 | 22.15 | 22.17 |
| 1.4 | 16QAM | 1 | 0 | 22.28 | 22.13 | 22.32 |
| 1.4 | 16QAM | 1 | 3 | 22.24 | 22.31 | 22.01 |
| 1.4 | 16QAM | 1 | 5 | 22.24 | 22.12 | 22.07 |
| 1.4 | 16QAM | 3 | 0 | 21.07 | 21.14 | 21.14 |
| 1.4 | 16QAM | 3 | 1 | 21.28 | 21.21 | 21.10 |
| 1.4 | 16QAM | 3 | 3 | 21.20 | 21.00 | 21.23 |
| 1.4 | 16QAM | 6 | 0 | 20.95 | 21.18 | 21.25 |
| 1.4 | 64QAM | 1 | 0 | 22.14 | 22.37 | 22.09 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.26 | 21.96 |
| 1.4 | 64QAM | 1 | 5 | 22.09 | 22.25 | 22.07 |
| 1.4 | 64QAM | 3 | 0 | 21.20 | 21.19 | 21.09 |
| 1.4 | 64QAM | 3 | 1 | 21.10 | 21.20 | 21.31 |
| 1.4 | 64QAM | 3 | 3 | 21.19 | 21.23 | 21.10 |
| 1.4 | 64QAM | 6 | 0 | 21.07 | 21.36 | 21.22 |



Effective Radiated Power and Effective Isotropic Radiated Power:

| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18700 | | 18900 | | 19100 | |
| Frequency (MHz) | | | | 1860 | | 1880 | | 1900 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 21.54 | 0.143 | 21.65 | 0.146 | 21.59 | 0.144 |
| 20 | QPSK | 1 | 49 | 21.45 | 0.140 | 21.57 | 0.144 | 21.50 | 0.141 |
| 20 | QPSK | 1 | 99 | 21.37 | 0.137 | 21.48 | 0.141 | 21.39 | 0.138 |
| 20 | QPSK | 50 | 0 | 20.60 | 0.115 | 20.71 | 0.118 | 20.68 | 0.117 |
| 20 | QPSK | 50 | 24 | 20.51 | 0.112 | 20.59 | 0.115 | 20.61 | 0.115 |
| 20 | QPSK | 50 | 50 | 20.45 | 0.111 | 20.50 | 0.112 | 20.55 | 0.114 |
| 20 | QPSK | 100 | 0 | 20.48 | 0.112 | 20.53 | 0.113 | 20.54 | 0.113 |
| 20 | 16QAM | 1 | 0 | 20.52 | 0.113 | 20.61 | 0.115 | 20.63 | 0.116 |
| 20 | 16QAM | 1 | 49 | 20.45 | 0.111 | 20.52 | 0.113 | 20.55 | 0.114 |
| 20 | 16QAM | 1 | 99 | 20.38 | 0.109 | 20.41 | 0.110 | 20.46 | 0.111 |
| 20 | 16QAM | 50 | 0 | 19.71 | 0.094 | 19.85 | 0.097 | 19.82 | 0.096 |
| 20 | 16QAM | 50 | 24 | 19.56 | 0.090 | 19.72 | 0.094 | 19.70 | 0.093 |
| 20 | 16QAM | 50 | 50 | 19.59 | 0.091 | 19.63 | 0.092 | 19.65 | 0.092 |
| 20 | 16QAM | 100 | 0 | 19.53 | 0.090 | 19.59 | 0.091 | 19.66 | 0.092 |
| 20 | 64QAM | 1 | 0 | 20.53 | 0.113 | 20.59 | 0.115 | 20.60 | 0.115 |
| 20 | 64QAM | 1 | 49 | 20.40 | 0.110 | 20.51 | 0.112 | 20.53 | 0.113 |
| 20 | 64QAM | 1 | 99 | 20.50 | 0.112 | 20.45 | 0.111 | 20.44 | 0.111 |
| 20 | 64QAM | 50 | 0 | 19.78 | 0.095 | 19.80 | 0.095 | 19.90 | 0.098 |
| 20 | 64QAM | 50 | 24 | 19.73 | 0.094 | 19.66 | 0.092 | 19.72 | 0.094 |
| 20 | 64QAM | 50 | 50 | 19.62 | 0.092 | 19.70 | 0.093 | 19.59 | 0.091 |
| 20 | 64QAM | 100 | 0 | 19.68 | 0.093 | 19.65 | 0.092 | 19.66 | 0.092 |



| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18675 | | 18900 | | 19125 | |
| Frequency (MHz) | | | | 1857.5 | | 1880 | | 1902.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 21.43 | 0.139 | 21.57 | 0.144 | 21.53 | 0.142 |
| 15 | QPSK | 1 | 37 | 21.39 | 0.138 | 21.54 | 0.143 | 21.48 | 0.141 |
| 15 | QPSK | 1 | 74 | 21.22 | 0.132 | 21.37 | 0.137 | 21.32 | 0.136 |
| 15 | QPSK | 36 | 0 | 20.46 | 0.111 | 20.62 | 0.115 | 20.61 | 0.115 |
| 15 | QPSK | 36 | 20 | 20.44 | 0.111 | 20.56 | 0.114 | 20.55 | 0.114 |
| 15 | QPSK | 36 | 39 | 20.44 | 0.111 | 20.46 | 0.111 | 20.53 | 0.113 |
| 15 | QPSK | 75 | 0 | 20.47 | 0.111 | 20.42 | 0.110 | 20.45 | 0.111 |
| 15 | 16QAM | 1 | 0 | 20.42 | 0.110 | 20.55 | 0.114 | 20.48 | 0.112 |
| 15 | 16QAM | 1 | 37 | 20.44 | 0.111 | 20.46 | 0.111 | 20.41 | 0.110 |
| 15 | 16QAM | 1 | 74 | 20.36 | 0.109 | 20.41 | 0.110 | 20.45 | 0.111 |
| 15 | 16QAM | 36 | 0 | 19.67 | 0.093 | 19.83 | 0.096 | 19.76 | 0.095 |
| 15 | 16QAM | 36 | 20 | 19.45 | 0.088 | 19.66 | 0.092 | 19.55 | 0.090 |
| 15 | 16QAM | 36 | 39 | 19.47 | 0.089 | 19.56 | 0.090 | 19.56 | 0.090 |
| 15 | 16QAM | 75 | 0 | 19.47 | 0.089 | 19.44 | 0.088 | 19.57 | 0.091 |
| 15 | 64QAM | 1 | 0 | 20.51 | 0.112 | 20.45 | 0.111 | 20.46 | 0.111 |
| 15 | 64QAM | 1 | 37 | 20.31 | 0.107 | 20.47 | 0.111 | 20.41 | 0.110 |
| 15 | 64QAM | 1 | 74 | 20.42 | 0.110 | 20.33 | 0.108 | 20.31 | 0.107 |
| 15 | 64QAM | 36 | 0 | 19.66 | 0.092 | 19.71 | 0.094 | 19.89 | 0.097 |
| 15 | 64QAM | 36 | 20 | 19.66 | 0.092 | 19.64 | 0.092 | 19.59 | 0.091 |
| 15 | 64QAM | 36 | 39 | 19.59 | 0.091 | 19.64 | 0.092 | 19.58 | 0.091 |
| 15 | 64QAM | 75 | 0 | 19.67 | 0.093 | 19.63 | 0.092 | 19.54 | 0.090 |



| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18650 | | 18900 | | 19150 | |
| Frequency (MHz) | | | | 1855 | | 1880 | | 1905 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 21.47 | 0.140 | 21.53 | 0.142 | 21.52 | 0.142 |
| 10 | QPSK | 1 | 25 | 21.32 | 0.136 | 21.45 | 0.140 | 21.42 | 0.139 |
| 10 | QPSK | 1 | 49 | 21.22 | 0.132 | 21.41 | 0.138 | 21.27 | 0.134 |
| 10 | QPSK | 25 | 0 | 20.51 | 0.112 | 20.67 | 0.117 | 20.61 | 0.115 |
| 10 | QPSK | 25 | 12 | 20.51 | 0.112 | 20.47 | 0.111 | 20.56 | 0.114 |
| 10 | QPSK | 25 | 25 | 20.34 | 0.108 | 20.36 | 0.109 | 20.46 | 0.111 |
| 10 | QPSK | 50 | 0 | 20.33 | 0.108 | 20.51 | 0.112 | 20.51 | 0.112 |
| 10 | 16QAM | 1 | 0 | 20.44 | 0.111 | 20.46 | 0.111 | 20.49 | 0.112 |
| 10 | 16QAM | 1 | 25 | 20.44 | 0.111 | 20.37 | 0.109 | 20.50 | 0.112 |
| 10 | 16QAM | 1 | 49 | 20.30 | 0.107 | 20.32 | 0.108 | 20.37 | 0.109 |
| 10 | 16QAM | 25 | 0 | 19.63 | 0.092 | 19.71 | 0.094 | 19.69 | 0.093 |
| 10 | 16QAM | 25 | 12 | 19.45 | 0.088 | 19.65 | 0.092 | 19.58 | 0.091 |
| 10 | 16QAM | 25 | 25 | 19.44 | 0.088 | 19.56 | 0.090 | 19.54 | 0.090 |
| 10 | 16QAM | 50 | 0 | 19.50 | 0.089 | 19.45 | 0.088 | 19.53 | 0.090 |
| 10 | 64QAM | 1 | 0 | 20.49 | 0.112 | 20.55 | 0.114 | 20.51 | 0.112 |
| 10 | 64QAM | 1 | 25 | 20.28 | 0.107 | 20.39 | 0.109 | 20.43 | 0.110 |
| 10 | 64QAM | 1 | 49 | 20.43 | 0.110 | 20.44 | 0.111 | 20.34 | 0.108 |
| 10 | 64QAM | 25 | 0 | 19.76 | 0.095 | 19.66 | 0.092 | 19.88 | 0.097 |
| 10 | 64QAM | 25 | 12 | 19.61 | 0.091 | 19.63 | 0.092 | 19.65 | 0.092 |
| 10 | 64QAM | 25 | 25 | 19.48 | 0.089 | 19.63 | 0.092 | 19.49 | 0.089 |
| 10 | 64QAM | 50 | 0 | 19.59 | 0.091 | 19.63 | 0.092 | 19.59 | 0.091 |



| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18625 | | 18900 | | 19175 | |
| Frequency (MHz) | | | | 1852.5 | | 1880 | | 1907.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 21.41 | 0.138 | 21.62 | 0.145 | 21.58 | 0.144 |
| 5 | QPSK | 1 | 12 | 21.34 | 0.136 | 21.42 | 0.139 | 21.41 | 0.138 |
| 5 | QPSK | 1 | 24 | 21.33 | 0.136 | 21.45 | 0.140 | 21.34 | 0.136 |
| 5 | QPSK | 12 | 0 | 20.57 | 0.114 | 20.65 | 0.116 | 20.67 | 0.117 |
| 5 | QPSK | 12 | 7 | 20.48 | 0.112 | 20.54 | 0.113 | 20.51 | 0.112 |
| 5 | QPSK | 12 | 13 | 20.43 | 0.110 | 20.45 | 0.111 | 20.52 | 0.113 |
| 5 | QPSK | 25 | 0 | 20.46 | 0.111 | 20.51 | 0.112 | 20.42 | 0.110 |
| 5 | 16QAM | 1 | 0 | 20.44 | 0.111 | 20.59 | 0.115 | 20.57 | 0.114 |
| 5 | 16QAM | 1 | 12 | 20.42 | 0.110 | 20.43 | 0.110 | 20.44 | 0.111 |
| 5 | 16QAM | 1 | 24 | 20.35 | 0.108 | 20.39 | 0.109 | 20.32 | 0.108 |
| 5 | 16QAM | 12 | 0 | 19.65 | 0.092 | 19.72 | 0.094 | 19.74 | 0.094 |
| 5 | 16QAM | 12 | 7 | 19.48 | 0.089 | 19.65 | 0.092 | 19.65 | 0.092 |
| 5 | 16QAM | 12 | 13 | 19.57 | 0.091 | 19.52 | 0.090 | 19.63 | 0.092 |
| 5 | 16QAM | 25 | 0 | 19.42 | 0.087 | 19.47 | 0.089 | 19.62 | 0.092 |
| 5 | 64QAM | 1 | 0 | 20.50 | 0.112 | 20.45 | 0.111 | 20.46 | 0.111 |
| 5 | 64QAM | 1 | 12 | 20.33 | 0.108 | 20.39 | 0.109 | 20.41 | 0.110 |
| 5 | 64QAM | 1 | 24 | 20.41 | 0.110 | 20.35 | 0.108 | 20.33 | 0.108 |
| 5 | 64QAM | 12 | 0 | 19.72 | 0.094 | 19.78 | 0.095 | 19.85 | 0.097 |
| 5 | 64QAM | 12 | 7 | 19.63 | 0.092 | 19.61 | 0.091 | 19.58 | 0.091 |
| 5 | 64QAM | 12 | 13 | 19.53 | 0.090 | 19.68 | 0.093 | 19.51 | 0.089 |
| 5 | 64QAM | 25 | 0 | 19.61 | 0.091 | 19.63 | 0.092 | 19.65 | 0.092 |



| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18615 | | 18900 | | 19185 | |
| Frequency (MHz) | | | | 1851.5 | | 1880 | | 1908.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 3 | QPSK | 1 | 0 | 21.47 | 0.140 | 21.61 | 0.145 | 21.47 | 0.140 |
| 3 | QPSK | 1 | 8 | 21.33 | 0.136 | 21.53 | 0.142 | 21.43 | 0.139 |
| 3 | QPSK | 1 | 14 | 21.24 | 0.133 | 21.35 | 0.136 | 21.33 | 0.136 |
| 3 | QPSK | 8 | 0 | 20.59 | 0.115 | 20.68 | 0.117 | 20.64 | 0.116 |
| 3 | QPSK | 8 | 4 | 20.45 | 0.111 | 20.47 | 0.111 | 20.48 | 0.112 |
| 3 | QPSK | 8 | 7 | 20.39 | 0.109 | 20.47 | 0.111 | 20.41 | 0.110 |
| 3 | QPSK | 15 | 0 | 20.47 | 0.111 | 20.47 | 0.111 | 20.44 | 0.111 |
| 3 | 16QAM | 1 | 0 | 20.49 | 0.112 | 20.54 | 0.113 | 20.52 | 0.113 |
| 3 | 16QAM | 1 | 8 | 20.44 | 0.111 | 20.42 | 0.110 | 20.40 | 0.110 |
| 3 | 16QAM | 1 | 14 | 20.30 | 0.107 | 20.31 | 0.107 | 20.34 | 0.108 |
| 3 | 16QAM | 8 | 0 | 19.66 | 0.092 | 19.80 | 0.095 | 19.81 | 0.096 |
| 3 | 16QAM | 8 | 4 | 19.51 | 0.089 | 19.67 | 0.093 | 19.59 | 0.091 |
| 3 | 16QAM | 8 | 7 | 19.57 | 0.091 | 19.49 | 0.089 | 19.64 | 0.092 |
| 3 | 16QAM | 15 | 0 | 19.47 | 0.089 | 19.52 | 0.090 | 19.61 | 0.091 |
| 3 | 64QAM | 1 | 0 | 20.49 | 0.112 | 20.51 | 0.112 | 20.55 | 0.114 |
| 3 | 64QAM | 1 | 8 | 20.31 | 0.107 | 20.41 | 0.110 | 20.48 | 0.112 |
| 3 | 64QAM | 1 | 14 | 20.45 | 0.111 | 20.33 | 0.108 | 20.41 | 0.110 |
| 3 | 64QAM | 8 | 0 | 19.69 | 0.093 | 19.74 | 0.094 | 19.76 | 0.095 |
| 3 | 64QAM | 8 | 4 | 19.65 | 0.092 | 19.59 | 0.091 | 19.62 | 0.092 |
| 3 | 64QAM | 8 | 7 | 19.57 | 0.091 | 19.57 | 0.091 | 19.53 | 0.090 |
| 3 | 64QAM | 15 | 0 | 19.59 | 0.091 | 19.56 | 0.090 | 19.61 | 0.091 |



| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18607 | | 18900 | | 19193 | |
| Frequency (MHz) | | | | 1850.7 | | 1880 | | 1909.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 21.42 | 0.139 | 21.62 | 0.145 | 21.56 | 0.143 |
| 1.4 | QPSK | 1 | 3 | 21.34 | 0.136 | 21.44 | 0.139 | 21.49 | 0.141 |
| 1.4 | QPSK | 1 | 5 | 21.33 | 0.136 | 21.42 | 0.139 | 21.27 | 0.134 |
| 1.4 | QPSK | 3 | 0 | 20.54 | 0.113 | 20.68 | 0.117 | 20.65 | 0.116 |
| 1.4 | QPSK | 3 | 1 | 20.57 | 0.114 | 20.58 | 0.114 | 20.54 | 0.113 |
| 1.4 | QPSK | 3 | 3 | 20.61 | 0.115 | 20.55 | 0.114 | 20.51 | 0.112 |
| 1.4 | QPSK | 6 | 0 | 20.46 | 0.111 | 20.44 | 0.111 | 20.47 | 0.111 |
| 1.4 | 16QAM | 1 | 0 | 20.41 | 0.110 | 20.49 | 0.112 | 20.53 | 0.113 |
| 1.4 | 16QAM | 1 | 3 | 20.33 | 0.108 | 20.38 | 0.109 | 20.48 | 0.112 |
| 1.4 | 16QAM | 1 | 5 | 20.24 | 0.106 | 20.35 | 0.108 | 20.44 | 0.111 |
| 1.4 | 16QAM | 3 | 0 | 19.65 | 0.092 | 19.76 | 0.095 | 19.76 | 0.095 |
| 1.4 | 16QAM | 3 | 1 | 19.53 | 0.090 | 19.69 | 0.093 | 19.59 | 0.091 |
| 1.4 | 16QAM | 3 | 3 | 19.50 | 0.089 | 19.57 | 0.091 | 19.57 | 0.091 |
| 1.4 | 16QAM | 6 | 0 | 19.46 | 0.088 | 19.55 | 0.090 | 19.57 | 0.091 |
| 1.4 | 64QAM | 1 | 0 | 20.41 | 0.110 | 20.55 | 0.114 | 20.46 | 0.111 |
| 1.4 | 64QAM | 1 | 3 | 20.39 | 0.109 | 20.36 | 0.109 | 20.52 | 0.113 |
| 1.4 | 64QAM | 1 | 5 | 20.48 | 0.112 | 20.32 | 0.108 | 20.42 | 0.110 |
| 1.4 | 64QAM | 3 | 0 | 19.68 | 0.093 | 19.74 | 0.094 | 19.83 | 0.096 |
| 1.4 | 64QAM | 3 | 1 | 19.60 | 0.091 | 19.56 | 0.090 | 19.62 | 0.092 |
| 1.4 | 64QAM | 3 | 3 | 19.58 | 0.091 | 19.64 | 0.092 | 19.61 | 0.091 |
| 1.4 | 64QAM | 6 | 0 | 19.61 | 0.091 | 19.64 | 0.092 | 19.58 | 0.091 |



| LTE Band 4 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20050 | | 20175 | | 20300 | |
| Frequency (MHz) | | | | 1720 | | 1732.5 | | 1745 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 21.51 | 0.142 | 21.61 | 0.145 | 21.45 | 0.140 |
| 20 | QPSK | 1 | 49 | 21.39 | 0.138 | 21.54 | 0.143 | 21.44 | 0.139 |
| 20 | QPSK | 1 | 99 | 21.35 | 0.136 | 21.37 | 0.137 | 21.30 | 0.135 |
| 20 | QPSK | 50 | 0 | 20.49 | 0.112 | 20.65 | 0.116 | 20.64 | 0.116 |
| 20 | QPSK | 50 | 24 | 20.50 | 0.112 | 20.51 | 0.112 | 20.49 | 0.112 |
| 20 | QPSK | 50 | 50 | 20.33 | 0.108 | 20.36 | 0.109 | 20.42 | 0.110 |
| 20 | QPSK | 100 | 0 | 20.37 | 0.109 | 20.52 | 0.113 | 20.49 | 0.112 |
| 20 | 16QAM | 1 | 0 | 20.42 | 0.110 | 20.55 | 0.114 | 20.61 | 0.115 |
| 20 | 16QAM | 1 | 49 | 20.31 | 0.107 | 20.39 | 0.109 | 20.52 | 0.113 |
| 20 | 16QAM | 1 | 99 | 20.27 | 0.106 | 20.38 | 0.109 | 20.37 | 0.109 |
| 20 | 16QAM | 50 | 0 | 19.64 | 0.092 | 19.74 | 0.094 | 19.72 | 0.094 |
| 20 | 16QAM | 50 | 24 | 19.42 | 0.087 | 19.64 | 0.092 | 19.58 | 0.091 |
| 20 | 16QAM | 50 | 50 | 19.55 | 0.090 | 19.57 | 0.091 | 19.53 | 0.090 |
| 20 | 16QAM | 100 | 0 | 19.51 | 0.089 | 19.53 | 0.090 | 19.60 | 0.091 |
| 20 | 64QAM | 1 | 0 | 20.38 | 0.109 | 20.53 | 0.113 | 20.59 | 0.115 |
| 20 | 64QAM | 1 | 49 | 20.26 | 0.106 | 20.43 | 0.110 | 20.46 | 0.111 |
| 20 | 64QAM | 1 | 99 | 20.42 | 0.110 | 20.32 | 0.108 | 20.36 | 0.109 |
| 20 | 64QAM | 50 | 0 | 19.71 | 0.094 | 19.66 | 0.092 | 19.80 | 0.095 |
| 20 | 64QAM | 50 | 24 | 19.66 | 0.092 | 19.64 | 0.092 | 19.72 | 0.094 |
| 20 | 64QAM | 50 | 50 | 19.57 | 0.091 | 19.59 | 0.091 | 19.53 | 0.090 |
| 20 | 64QAM | 100 | 0 | 19.54 | 0.090 | 19.63 | 0.092 | 19.56 | 0.090 |



| LTE Band 4 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20025 | | 20175 | | 20325 | |
| Frequency (MHz) | | | | 1717.5 | | 1732.5 | | 1747.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 21.53 | 0.142 | 21.58 | 0.144 | 21.51 | 0.142 |
| 15 | QPSK | 1 | 37 | 21.27 | 0.134 | 21.41 | 0.138 | 21.29 | 0.135 |
| 15 | QPSK | 1 | 74 | 21.21 | 0.132 | 21.24 | 0.133 | 21.26 | 0.134 |
| 15 | QPSK | 36 | 0 | 20.37 | 0.109 | 20.55 | 0.114 | 20.56 | 0.114 |
| 15 | QPSK | 36 | 20 | 20.48 | 0.112 | 20.45 | 0.111 | 20.39 | 0.109 |
| 15 | QPSK | 36 | 39 | 20.31 | 0.107 | 20.25 | 0.106 | 20.37 | 0.109 |
| 15 | QPSK | 75 | 0 | 20.32 | 0.108 | 20.42 | 0.110 | 20.45 | 0.111 |
| 15 | 16QAM | 1 | 0 | 20.36 | 0.109 | 20.49 | 0.112 | 20.57 | 0.114 |
| 15 | 16QAM | 1 | 37 | 20.27 | 0.106 | 20.32 | 0.108 | 20.40 | 0.110 |
| 15 | 16QAM | 1 | 74 | 20.18 | 0.104 | 20.36 | 0.109 | 20.26 | 0.106 |
| 15 | 16QAM | 36 | 0 | 19.59 | 0.091 | 19.71 | 0.094 | 19.63 | 0.092 |
| 15 | 16QAM | 36 | 20 | 19.41 | 0.087 | 19.53 | 0.090 | 19.51 | 0.089 |
| 15 | 16QAM | 36 | 39 | 19.49 | 0.089 | 19.56 | 0.090 | 19.51 | 0.089 |
| 15 | 16QAM | 75 | 0 | 19.49 | 0.089 | 19.47 | 0.089 | 19.57 | 0.091 |
| 15 | 64QAM | 1 | 0 | 20.35 | 0.108 | 20.45 | 0.111 | 20.56 | 0.114 |
| 15 | 64QAM | 1 | 37 | 20.31 | 0.107 | 20.31 | 0.107 | 20.37 | 0.109 |
| 15 | 64QAM | 1 | 74 | 20.29 | 0.107 | 20.25 | 0.106 | 20.21 | 0.105 |
| 15 | 64QAM | 36 | 0 | 19.61 | 0.091 | 19.54 | 0.090 | 19.78 | 0.095 |
| 15 | 64QAM | 36 | 20 | 19.56 | 0.090 | 19.52 | 0.090 | 19.66 | 0.092 |
| 15 | 64QAM | 36 | 39 | 19.46 | 0.088 | 19.46 | 0.088 | 19.42 | 0.087 |
| 15 | 64QAM | 75 | 0 | 19.51 | 0.089 | 19.51 | 0.089 | 19.45 | 0.088 |



| LTE Band 4 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20000 | | 20175 | | 20350 | |
| Frequency (MHz) | | | | 1715 | | 1732.5 | | 1750 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 21.36 | 0.137 | 21.55 | 0.143 | 21.39 | 0.138 |
| 10 | QPSK | 1 | 25 | 21.27 | 0.134 | 21.52 | 0.142 | 21.38 | 0.137 |
| 10 | QPSK | 1 | 49 | 21.28 | 0.134 | 21.31 | 0.135 | 21.27 | 0.134 |
| 10 | QPSK | 25 | 0 | 20.37 | 0.109 | 20.53 | 0.113 | 20.58 | 0.114 |
| 10 | QPSK | 25 | 12 | 20.49 | 0.112 | 20.51 | 0.112 | 20.36 | 0.109 |
| 10 | QPSK | 25 | 25 | 20.23 | 0.105 | 20.35 | 0.108 | 20.31 | 0.107 |
| 10 | QPSK | 50 | 0 | 20.23 | 0.105 | 20.49 | 0.112 | 20.45 | 0.111 |
| 10 | 16QAM | 1 | 0 | 20.33 | 0.108 | 20.54 | 0.113 | 20.59 | 0.115 |
| 10 | 16QAM | 1 | 25 | 20.25 | 0.106 | 20.38 | 0.109 | 20.47 | 0.111 |
| 10 | 16QAM | 1 | 49 | 20.17 | 0.104 | 20.34 | 0.108 | 20.26 | 0.106 |
| 10 | 16QAM | 25 | 0 | 19.51 | 0.089 | 19.67 | 0.093 | 19.60 | 0.091 |
| 10 | 16QAM | 25 | 12 | 19.31 | 0.085 | 19.53 | 0.090 | 19.52 | 0.090 |
| 10 | 16QAM | 25 | 25 | 19.52 | 0.090 | 19.55 | 0.090 | 19.43 | 0.088 |
| 10 | 16QAM | 50 | 0 | 19.50 | 0.089 | 19.45 | 0.088 | 19.46 | 0.088 |
| 10 | 64QAM | 1 | 0 | 20.29 | 0.107 | 20.44 | 0.111 | 20.49 | 0.112 |
| 10 | 64QAM | 1 | 25 | 20.18 | 0.104 | 20.30 | 0.107 | 20.32 | 0.108 |
| 10 | 64QAM | 1 | 49 | 20.34 | 0.108 | 20.31 | 0.107 | 20.23 | 0.105 |
| 10 | 64QAM | 25 | 0 | 19.57 | 0.091 | 19.56 | 0.090 | 19.66 | 0.092 |
| 10 | 64QAM | 25 | 12 | 19.52 | 0.090 | 19.52 | 0.090 | 19.65 | 0.092 |
| 10 | 64QAM | 25 | 25 | 19.42 | 0.087 | 19.48 | 0.089 | 19.47 | 0.089 |
| 10 | 64QAM | 50 | 0 | 19.45 | 0.088 | 19.57 | 0.091 | 19.52 | 0.090 |



| LTE Band 4 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 19975 | | 20175 | | 20375 | |
| Frequency (MHz) | | | | 1712.5 | | 1732.5 | | 1752.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 21.44 | 0.139 | 21.53 | 0.142 | 21.36 | 0.137 |
| 5 | QPSK | 1 | 12 | 21.24 | 0.133 | 21.42 | 0.139 | 21.39 | 0.138 |
| 5 | QPSK | 1 | 24 | 21.26 | 0.134 | 21.22 | 0.132 | 21.17 | 0.131 |
| 5 | QPSK | 12 | 0 | 20.35 | 0.108 | 20.56 | 0.114 | 20.49 | 0.112 |
| 5 | QPSK | 12 | 7 | 20.39 | 0.109 | 20.47 | 0.111 | 20.38 | 0.109 |
| 5 | QPSK | 12 | 13 | 20.18 | 0.104 | 20.29 | 0.107 | 20.37 | 0.109 |
| 5 | QPSK | 25 | 0 | 20.32 | 0.108 | 20.47 | 0.111 | 20.40 | 0.110 |
| 5 | 16QAM | 1 | 0 | 20.41 | 0.110 | 20.54 | 0.113 | 20.53 | 0.113 |
| 5 | 16QAM | 1 | 12 | 20.28 | 0.107 | 20.27 | 0.106 | 20.43 | 0.110 |
| 5 | 16QAM | 1 | 24 | 20.14 | 0.103 | 20.34 | 0.108 | 20.26 | 0.106 |
| 5 | 16QAM | 12 | 0 | 19.56 | 0.090 | 19.68 | 0.093 | 19.61 | 0.091 |
| 5 | 16QAM | 12 | 7 | 19.27 | 0.085 | 19.54 | 0.090 | 19.46 | 0.088 |
| 5 | 16QAM | 12 | 13 | 19.52 | 0.090 | 19.48 | 0.089 | 19.52 | 0.090 |
| 5 | 16QAM | 25 | 0 | 19.46 | 0.088 | 19.42 | 0.087 | 19.56 | 0.090 |
| 5 | 64QAM | 1 | 0 | 20.37 | 0.109 | 20.41 | 0.110 | 20.48 | 0.112 |
| 5 | 64QAM | 1 | 12 | 20.22 | 0.105 | 20.35 | 0.108 | 20.44 | 0.111 |
| 5 | 64QAM | 1 | 24 | 20.40 | 0.110 | 20.25 | 0.106 | 20.31 | 0.107 |
| 5 | 64QAM | 12 | 0 | 19.67 | 0.093 | 19.51 | 0.089 | 19.69 | 0.093 |
| 5 | 64QAM | 12 | 7 | 19.56 | 0.090 | 19.52 | 0.090 | 19.62 | 0.092 |
| 5 | 64QAM | 12 | 13 | 19.49 | 0.089 | 19.58 | 0.091 | 19.51 | 0.089 |
| 5 | 64QAM | 25 | 0 | 19.46 | 0.088 | 19.46 | 0.088 | 19.45 | 0.088 |



| LTE Band 4 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 19965 | | 20175 | | 20385 | |
| Frequency (MHz) | | | | 1711.5 | | 1732.5 | | 1753.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 3 | QPSK | 1 | 0 | 21.36 | 0.137 | 21.56 | 0.143 | 21.37 | 0.137 |
| 3 | QPSK | 1 | 8 | 21.34 | 0.136 | 21.45 | 0.140 | 21.32 | 0.136 |
| 3 | QPSK | 1 | 14 | 21.32 | 0.136 | 21.29 | 0.135 | 21.16 | 0.131 |
| 3 | QPSK | 8 | 0 | 20.42 | 0.110 | 20.56 | 0.114 | 20.57 | 0.114 |
| 3 | QPSK | 8 | 4 | 20.40 | 0.110 | 20.48 | 0.112 | 20.36 | 0.109 |
| 3 | QPSK | 8 | 7 | 20.27 | 0.106 | 20.26 | 0.106 | 20.29 | 0.107 |
| 3 | QPSK | 15 | 0 | 20.25 | 0.106 | 20.44 | 0.111 | 20.34 | 0.108 |
| 3 | 16QAM | 1 | 0 | 20.27 | 0.106 | 20.43 | 0.110 | 20.60 | 0.115 |
| 3 | 16QAM | 1 | 8 | 20.23 | 0.105 | 20.35 | 0.108 | 20.47 | 0.111 |
| 3 | 16QAM | 1 | 14 | 20.24 | 0.106 | 20.32 | 0.108 | 20.25 | 0.106 |
| 3 | 16QAM | 8 | 0 | 19.56 | 0.090 | 19.72 | 0.094 | 19.66 | 0.092 |
| 3 | 16QAM | 8 | 4 | 19.32 | 0.086 | 19.50 | 0.089 | 19.44 | 0.088 |
| 3 | 16QAM | 8 | 7 | 19.51 | 0.089 | 19.43 | 0.088 | 19.52 | 0.090 |
| 3 | 16QAM | 15 | 0 | 19.45 | 0.088 | 19.51 | 0.089 | 19.53 | 0.090 |
| 3 | 64QAM | 1 | 0 | 20.34 | 0.108 | 20.46 | 0.111 | 20.56 | 0.114 |
| 3 | 64QAM | 1 | 8 | 20.19 | 0.104 | 20.31 | 0.107 | 20.34 | 0.108 |
| 3 | 64QAM | 1 | 14 | 20.39 | 0.109 | 20.20 | 0.105 | 20.22 | 0.105 |
| 3 | 64QAM | 8 | 0 | 19.67 | 0.093 | 19.52 | 0.090 | 19.77 | 0.095 |
| 3 | 64QAM | 8 | 4 | 19.59 | 0.091 | 19.63 | 0.092 | 19.67 | 0.093 |
| 3 | 64QAM | 8 | 7 | 19.42 | 0.087 | 19.55 | 0.090 | 19.52 | 0.090 |
| 3 | 64QAM | 15 | 0 | 19.46 | 0.088 | 19.52 | 0.090 | 19.41 | 0.087 |



| LTE Band 4 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 19957 | | 20175 | | 20393 | |
| Frequency (MHz) | | | | 1710.7 | | 1732.5 | | 1754.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 21.37 | 0.137 | 21.58 | 0.144 | 21.37 | 0.137 |
| 1.4 | QPSK | 1 | 3 | 21.32 | 0.136 | 21.53 | 0.142 | 21.43 | 0.139 |
| 1.4 | QPSK | 1 | 5 | 21.29 | 0.135 | 21.33 | 0.136 | 21.17 | 0.131 |
| 1.4 | QPSK | 3 | 0 | 20.61 | 0.115 | 20.55 | 0.114 | 20.51 | 0.112 |
| 1.4 | QPSK | 3 | 1 | 20.53 | 0.113 | 20.57 | 0.114 | 20.58 | 0.114 |
| 1.4 | QPSK | 3 | 3 | 20.57 | 0.114 | 20.55 | 0.114 | 20.52 | 0.113 |
| 1.4 | QPSK | 6 | 0 | 20.27 | 0.106 | 20.41 | 0.110 | 20.38 | 0.109 |
| 1.4 | 16QAM | 1 | 0 | 20.36 | 0.109 | 20.44 | 0.111 | 20.53 | 0.113 |
| 1.4 | 16QAM | 1 | 3 | 20.24 | 0.106 | 20.35 | 0.108 | 20.51 | 0.112 |
| 1.4 | 16QAM | 1 | 5 | 20.21 | 0.105 | 20.29 | 0.107 | 20.29 | 0.107 |
| 1.4 | 16QAM | 3 | 0 | 19.63 | 0.092 | 19.61 | 0.091 | 19.63 | 0.092 |
| 1.4 | 16QAM | 3 | 1 | 19.54 | 0.090 | 19.51 | 0.089 | 19.58 | 0.091 |
| 1.4 | 16QAM | 3 | 3 | 19.59 | 0.091 | 19.52 | 0.090 | 19.55 | 0.090 |
| 1.4 | 16QAM | 6 | 0 | 19.42 | 0.087 | 19.49 | 0.089 | 19.57 | 0.091 |
| 1.4 | 64QAM | 1 | 0 | 20.37 | 0.109 | 20.42 | 0.110 | 20.57 | 0.114 |
| 1.4 | 64QAM | 1 | 3 | 20.23 | 0.105 | 20.31 | 0.107 | 20.38 | 0.109 |
| 1.4 | 64QAM | 1 | 5 | 20.39 | 0.109 | 20.31 | 0.107 | 20.22 | 0.105 |
| 1.4 | 64QAM | 3 | 0 | 19.61 | 0.091 | 19.56 | 0.090 | 19.66 | 0.092 |
| 1.4 | 64QAM | 3 | 1 | 19.61 | 0.091 | 19.56 | 0.090 | 19.63 | 0.092 |
| 1.4 | 64QAM | 3 | 3 | 19.52 | 0.090 | 19.58 | 0.091 | 19.54 | 0.090 |
| 1.4 | 64QAM | 6 | 0 | 19.49 | 0.089 | 19.49 | 0.089 | 19.52 | 0.090 |



| LTE Band 5 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20450 | | 20525 | | 20600 | |
| Frequency (MHz) | | | | 829 | | 836.5 | | 844 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 17.50 | 0.056 | 17.56 | 0.057 | 17.51 | 0.056 |
| 10 | QPSK | 1 | 25 | 17.36 | 0.054 | 17.38 | 0.055 | 17.44 | 0.055 |
| 10 | QPSK | 1 | 49 | 17.42 | 0.055 | 17.38 | 0.055 | 17.43 | 0.055 |
| 10 | QPSK | 25 | 0 | 16.54 | 0.045 | 16.56 | 0.045 | 16.53 | 0.045 |
| 10 | QPSK | 25 | 12 | 16.53 | 0.045 | 16.55 | 0.045 | 16.53 | 0.045 |
| 10 | QPSK | 25 | 25 | 16.52 | 0.045 | 16.55 | 0.045 | 16.54 | 0.045 |
| 10 | QPSK | 50 | 0 | 16.49 | 0.045 | 16.54 | 0.045 | 16.39 | 0.044 |
| 10 | 16QAM | 1 | 0 | 17.14 | 0.052 | 17.10 | 0.051 | 17.00 | 0.050 |
| 10 | 16QAM | 1 | 25 | 16.85 | 0.048 | 16.99 | 0.050 | 16.83 | 0.048 |
| 10 | 16QAM | 1 | 49 | 16.78 | 0.048 | 17.03 | 0.050 | 16.70 | 0.047 |
| 10 | 16QAM | 25 | 0 | 15.59 | 0.036 | 15.55 | 0.036 | 15.54 | 0.036 |
| 10 | 16QAM | 25 | 12 | 15.67 | 0.037 | 15.55 | 0.036 | 15.53 | 0.036 |
| 10 | 16QAM | 25 | 25 | 15.66 | 0.037 | 15.61 | 0.036 | 15.51 | 0.036 |
| 10 | 16QAM | 50 | 0 | 15.58 | 0.036 | 15.61 | 0.036 | 15.44 | 0.035 |
| 10 | 64QAM | 1 | 0 | 16.82 | 0.048 | 16.66 | 0.046 | 16.44 | 0.044 |
| 10 | 64QAM | 1 | 25 | 16.90 | 0.049 | 16.61 | 0.046 | 16.44 | 0.044 |
| 10 | 64QAM | 1 | 49 | 16.44 | 0.044 | 16.81 | 0.048 | 16.54 | 0.045 |
| 10 | 64QAM | 25 | 0 | 15.54 | 0.036 | 15.66 | 0.037 | 15.52 | 0.036 |
| 10 | 64QAM | 25 | 12 | 15.70 | 0.037 | 15.59 | 0.036 | 15.51 | 0.036 |
| 10 | 64QAM | 25 | 25 | 15.65 | 0.037 | 15.65 | 0.037 | 15.54 | 0.036 |
| 10 | 64QAM | 50 | 0 | 15.63 | 0.037 | 15.58 | 0.036 | 15.44 | 0.035 |



| LTE Band 5 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20425 | | 20525 | | 20625 | |
| Frequency (MHz) | | | | 826.5 | | 836.5 | | 846.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 17.35 | 0.054 | 17.53 | 0.057 | 17.40 | 0.055 |
| 5 | QPSK | 1 | 12 | 17.27 | 0.053 | 17.27 | 0.053 | 17.34 | 0.054 |
| 5 | QPSK | 1 | 24 | 17.34 | 0.054 | 17.35 | 0.054 | 17.30 | 0.054 |
| 5 | QPSK | 12 | 0 | 16.44 | 0.044 | 16.54 | 0.045 | 16.42 | 0.044 |
| 5 | QPSK | 12 | 7 | 16.52 | 0.045 | 16.47 | 0.044 | 16.47 | 0.044 |
| 5 | QPSK | 12 | 13 | 16.57 | 0.045 | 16.49 | 0.045 | 16.47 | 0.044 |
| 5 | QPSK | 25 | 0 | 16.58 | 0.045 | 16.52 | 0.045 | 16.31 | 0.043 |
| 5 | 16QAM | 1 | 0 | 16.90 | 0.049 | 16.93 | 0.049 | 16.90 | 0.049 |
| 5 | 16QAM | 1 | 12 | 16.84 | 0.048 | 16.87 | 0.049 | 16.73 | 0.047 |
| 5 | 16QAM | 1 | 24 | 16.69 | 0.047 | 16.99 | 0.050 | 16.62 | 0.046 |
| 5 | 16QAM | 12 | 0 | 15.48 | 0.035 | 15.60 | 0.036 | 15.51 | 0.036 |
| 5 | 16QAM | 12 | 7 | 15.55 | 0.036 | 15.40 | 0.035 | 15.48 | 0.035 |
| 5 | 16QAM | 12 | 13 | 15.54 | 0.036 | 15.52 | 0.036 | 15.46 | 0.035 |
| 5 | 16QAM | 25 | 0 | 15.47 | 0.035 | 15.53 | 0.036 | 15.35 | 0.034 |
| 5 | 64QAM | 1 | 0 | 16.68 | 0.047 | 16.75 | 0.047 | 16.52 | 0.045 |
| 5 | 64QAM | 1 | 12 | 16.89 | 0.049 | 16.57 | 0.045 | 16.47 | 0.044 |
| 5 | 64QAM | 1 | 24 | 16.50 | 0.045 | 16.56 | 0.045 | 16.54 | 0.045 |
| 5 | 64QAM | 12 | 0 | 15.47 | 0.035 | 15.58 | 0.036 | 15.48 | 0.035 |
| 5 | 64QAM | 12 | 7 | 15.55 | 0.036 | 15.50 | 0.035 | 15.46 | 0.035 |
| 5 | 64QAM | 12 | 13 | 15.57 | 0.036 | 15.51 | 0.036 | 15.39 | 0.035 |
| 5 | 64QAM | 25 | 0 | 15.41 | 0.035 | 15.49 | 0.035 | 15.31 | 0.034 |



| LTE Band 5 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20415 | | 20525 | | 20635 | |
| Frequency (MHz) | | | | 825.5 | | 836.5 | | 847.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 3 | QPSK | 1 | 0 | 17.44 | 0.055 | 17.48 | 0.056 | 17.49 | 0.056 |
| 3 | QPSK | 1 | 8 | 17.34 | 0.054 | 17.37 | 0.055 | 17.42 | 0.055 |
| 3 | QPSK | 1 | 14 | 17.29 | 0.054 | 17.35 | 0.054 | 17.41 | 0.055 |
| 3 | QPSK | 8 | 0 | 16.49 | 0.045 | 16.55 | 0.045 | 16.29 | 0.043 |
| 3 | QPSK | 8 | 4 | 16.54 | 0.045 | 16.48 | 0.044 | 16.49 | 0.045 |
| 3 | QPSK | 8 | 7 | 16.53 | 0.045 | 16.41 | 0.044 | 16.49 | 0.045 |
| 3 | QPSK | 15 | 0 | 16.63 | 0.046 | 16.48 | 0.044 | 16.35 | 0.043 |
| 3 | 16QAM | 1 | 0 | 16.86 | 0.049 | 16.91 | 0.049 | 16.93 | 0.049 |
| 3 | 16QAM | 1 | 8 | 16.79 | 0.048 | 16.88 | 0.049 | 16.74 | 0.047 |
| 3 | 16QAM | 1 | 14 | 16.71 | 0.047 | 16.92 | 0.049 | 16.61 | 0.046 |
| 3 | 16QAM | 8 | 0 | 15.54 | 0.036 | 15.40 | 0.035 | 15.50 | 0.035 |
| 3 | 16QAM | 8 | 4 | 15.53 | 0.036 | 15.51 | 0.036 | 15.41 | 0.035 |
| 3 | 16QAM | 8 | 7 | 15.63 | 0.037 | 15.60 | 0.036 | 15.48 | 0.035 |
| 3 | 16QAM | 15 | 0 | 15.56 | 0.036 | 15.48 | 0.035 | 15.40 | 0.035 |
| 3 | 64QAM | 1 | 0 | 16.76 | 0.047 | 16.64 | 0.046 | 16.63 | 0.046 |
| 3 | 64QAM | 1 | 8 | 16.77 | 0.048 | 16.49 | 0.045 | 16.47 | 0.044 |
| 3 | 64QAM | 1 | 14 | 16.43 | 0.044 | 16.71 | 0.047 | 16.49 | 0.045 |
| 3 | 64QAM | 8 | 0 | 15.48 | 0.035 | 15.60 | 0.036 | 15.51 | 0.036 |
| 3 | 64QAM | 8 | 4 | 15.62 | 0.036 | 15.53 | 0.036 | 15.48 | 0.035 |
| 3 | 64QAM | 8 | 7 | 15.53 | 0.036 | 15.50 | 0.035 | 15.41 | 0.035 |
| 3 | 64QAM | 15 | 0 | 15.50 | 0.035 | 15.45 | 0.035 | 15.29 | 0.034 |



| LTE Band 5 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20407 | | 20525 | | 20643 | |
| Frequency (MHz) | | | | 824.7 | | 836.5 | | 848.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 17.39 | 0.055 | 17.46 | 0.056 | 17.45 | 0.056 |
| 1.4 | QPSK | 1 | 3 | 17.30 | 0.054 | 17.32 | 0.054 | 17.30 | 0.054 |
| 1.4 | QPSK | 1 | 5 | 17.41 | 0.055 | 17.27 | 0.053 | 17.38 | 0.055 |
| 1.4 | QPSK | 3 | 0 | 16.47 | 0.044 | 16.57 | 0.045 | 16.48 | 0.044 |
| 1.4 | QPSK | 3 | 1 | 16.60 | 0.046 | 16.46 | 0.044 | 16.46 | 0.044 |
| 1.4 | QPSK | 3 | 3 | 16.61 | 0.046 | 16.52 | 0.045 | 16.50 | 0.045 |
| 1.4 | QPSK | 6 | 0 | 16.57 | 0.045 | 16.45 | 0.044 | 16.36 | 0.043 |
| 1.4 | 16QAM | 1 | 0 | 17.01 | 0.050 | 17.02 | 0.050 | 16.96 | 0.050 |
| 1.4 | 16QAM | 1 | 3 | 16.73 | 0.047 | 16.89 | 0.049 | 16.72 | 0.047 |
| 1.4 | 16QAM | 1 | 5 | 16.75 | 0.047 | 16.91 | 0.049 | 16.62 | 0.046 |
| 1.4 | 16QAM | 3 | 0 | 15.57 | 0.036 | 15.63 | 0.037 | 15.50 | 0.035 |
| 1.4 | 16QAM | 3 | 1 | 15.58 | 0.036 | 15.45 | 0.035 | 15.49 | 0.035 |
| 1.4 | 16QAM | 3 | 3 | 15.53 | 0.036 | 15.52 | 0.036 | 15.48 | 0.035 |
| 1.4 | 16QAM | 6 | 0 | 15.53 | 0.036 | 15.57 | 0.036 | 15.31 | 0.034 |
| 1.4 | 64QAM | 1 | 0 | 16.70 | 0.047 | 16.51 | 0.045 | 16.50 | 0.045 |
| 1.4 | 64QAM | 1 | 3 | 16.75 | 0.047 | 16.47 | 0.044 | 16.39 | 0.044 |
| 1.4 | 64QAM | 1 | 5 | 16.42 | 0.044 | 16.68 | 0.047 | 16.49 | 0.045 |
| 1.4 | 64QAM | 3 | 0 | 15.54 | 0.036 | 15.63 | 0.037 | 15.49 | 0.035 |
| 1.4 | 64QAM | 3 | 1 | 15.61 | 0.036 | 15.45 | 0.035 | 15.48 | 0.035 |
| 1.4 | 64QAM | 3 | 3 | 15.62 | 0.036 | 15.56 | 0.036 | 15.51 | 0.036 |
| 1.4 | 64QAM | 6 | 0 | 15.62 | 0.036 | 15.57 | 0.036 | 15.42 | 0.035 |



| LTE Band 7 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20850 | | 21100 | | 21350 | |
| Frequency (MHz) | | | | 2510 | | 2535 | | 2560 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 21.27 | 0.134 | 21.40 | 0.138 | 21.33 | 0.136 |
| 20 | QPSK | 1 | 49 | 21.12 | 0.129 | 21.36 | 0.137 | 21.27 | 0.134 |
| 20 | QPSK | 1 | 99 | 21.17 | 0.131 | 21.20 | 0.132 | 21.03 | 0.127 |
| 20 | QPSK | 50 | 0 | 20.28 | 0.107 | 20.47 | 0.111 | 20.46 | 0.111 |
| 20 | QPSK | 50 | 24 | 20.32 | 0.108 | 20.27 | 0.106 | 20.21 | 0.105 |
| 20 | QPSK | 50 | 50 | 20.10 | 0.102 | 20.17 | 0.104 | 20.16 | 0.104 |
| 20 | QPSK | 100 | 0 | 20.12 | 0.103 | 20.25 | 0.106 | 20.32 | 0.108 |
| 20 | 16QAM | 1 | 0 | 20.14 | 0.103 | 20.31 | 0.107 | 20.44 | 0.111 |
| 20 | 16QAM | 1 | 49 | 20.13 | 0.103 | 20.22 | 0.105 | 20.32 | 0.108 |
| 20 | 16QAM | 1 | 99 | 20.00 | 0.100 | 20.10 | 0.102 | 20.09 | 0.102 |
| 20 | 16QAM | 50 | 0 | 19.43 | 0.088 | 19.52 | 0.090 | 19.54 | 0.090 |
| 20 | 16QAM | 50 | 24 | 19.25 | 0.084 | 19.46 | 0.088 | 19.28 | 0.085 |
| 20 | 16QAM | 50 | 50 | 19.37 | 0.086 | 19.27 | 0.085 | 19.25 | 0.084 |
| 20 | 16QAM | 100 | 0 | 19.31 | 0.085 | 19.31 | 0.085 | 19.42 | 0.087 |
| 20 | 64QAM | 1 | 0 | 20.20 | 0.105 | 20.26 | 0.106 | 20.41 | 0.110 |
| 20 | 64QAM | 1 | 49 | 20.02 | 0.100 | 20.24 | 0.106 | 20.29 | 0.107 |
| 20 | 64QAM | 1 | 99 | 20.13 | 0.103 | 20.02 | 0.100 | 20.18 | 0.104 |
| 20 | 64QAM | 50 | 0 | 19.47 | 0.089 | 19.47 | 0.089 | 19.51 | 0.089 |
| 20 | 64QAM | 50 | 24 | 19.38 | 0.087 | 19.37 | 0.086 | 19.50 | 0.089 |
| 20 | 64QAM | 50 | 50 | 19.32 | 0.086 | 19.32 | 0.086 | 19.33 | 0.086 |
| 20 | 64QAM | 100 | 0 | 19.34 | 0.086 | 19.38 | 0.087 | 19.28 | 0.085 |



| LTE Band 7 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20825 | | 21100 | | 21375 | |
| Frequency (MHz) | | | | 2507.5 | | 2535 | | 2562.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 21.15 | 0.130 | 21.27 | 0.134 | 21.21 | 0.132 |
| 15 | QPSK | 1 | 37 | 21.04 | 0.127 | 21.26 | 0.134 | 21.14 | 0.130 |
| 15 | QPSK | 1 | 74 | 21.15 | 0.130 | 21.08 | 0.128 | 20.97 | 0.125 |
| 15 | QPSK | 36 | 0 | 20.15 | 0.104 | 20.43 | 0.110 | 20.34 | 0.108 |
| 15 | QPSK | 36 | 20 | 20.17 | 0.104 | 20.20 | 0.105 | 20.09 | 0.102 |
| 15 | QPSK | 36 | 39 | 20.01 | 0.100 | 20.14 | 0.103 | 20.08 | 0.102 |
| 15 | QPSK | 75 | 0 | 20.10 | 0.102 | 20.15 | 0.104 | 20.23 | 0.105 |
| 15 | 16QAM | 1 | 0 | 20.13 | 0.103 | 20.21 | 0.105 | 20.38 | 0.109 |
| 15 | 16QAM | 1 | 37 | 20.00 | 0.100 | 20.08 | 0.102 | 20.27 | 0.106 |
| 15 | 16QAM | 1 | 74 | 19.94 | 0.099 | 20.05 | 0.101 | 20.07 | 0.102 |
| 15 | 16QAM | 36 | 0 | 19.36 | 0.086 | 19.51 | 0.089 | 19.39 | 0.087 |
| 15 | 16QAM | 36 | 20 | 19.17 | 0.083 | 19.36 | 0.086 | 19.25 | 0.084 |
| 15 | 16QAM | 36 | 39 | 19.29 | 0.085 | 19.22 | 0.084 | 19.24 | 0.084 |
| 15 | 16QAM | 75 | 0 | 19.21 | 0.083 | 19.27 | 0.085 | 19.39 | 0.087 |
| 15 | 64QAM | 1 | 0 | 20.18 | 0.104 | 20.22 | 0.105 | 20.38 | 0.109 |
| 15 | 64QAM | 1 | 37 | 19.89 | 0.097 | 20.21 | 0.105 | 20.20 | 0.105 |
| 15 | 64QAM | 1 | 74 | 20.10 | 0.102 | 19.98 | 0.100 | 20.11 | 0.103 |
| 15 | 64QAM | 36 | 0 | 19.45 | 0.088 | 19.41 | 0.087 | 19.42 | 0.087 |
| 15 | 64QAM | 36 | 20 | 19.37 | 0.086 | 19.22 | 0.084 | 19.49 | 0.089 |
| 15 | 64QAM | 36 | 39 | 19.18 | 0.083 | 19.24 | 0.084 | 19.28 | 0.085 |
| 15 | 64QAM | 75 | 0 | 19.20 | 0.083 | 19.26 | 0.084 | 19.27 | 0.085 |



| LTE Band 7 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20800 | | 21100 | | 21400 | |
| Frequency (MHz) | | | | 2505 | | 2535 | | 2565 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 21.12 | 0.129 | 21.28 | 0.134 | 21.22 | 0.132 |
| 10 | QPSK | 1 | 25 | 21.10 | 0.129 | 21.33 | 0.136 | 21.19 | 0.132 |
| 10 | QPSK | 1 | 49 | 21.03 | 0.127 | 21.07 | 0.128 | 20.97 | 0.125 |
| 10 | QPSK | 25 | 0 | 20.13 | 0.103 | 20.40 | 0.110 | 20.38 | 0.109 |
| 10 | QPSK | 25 | 12 | 20.21 | 0.105 | 20.25 | 0.106 | 20.10 | 0.102 |
| 10 | QPSK | 25 | 25 | 20.08 | 0.102 | 20.14 | 0.103 | 20.07 | 0.102 |
| 10 | QPSK | 50 | 0 | 20.00 | 0.100 | 20.10 | 0.102 | 20.24 | 0.106 |
| 10 | 16QAM | 1 | 0 | 20.13 | 0.103 | 20.23 | 0.105 | 20.35 | 0.108 |
| 10 | 16QAM | 1 | 25 | 20.12 | 0.103 | 20.18 | 0.104 | 20.17 | 0.104 |
| 10 | 16QAM | 1 | 49 | 19.94 | 0.099 | 20.06 | 0.101 | 20.00 | 0.100 |
| 10 | 16QAM | 25 | 0 | 19.33 | 0.086 | 19.45 | 0.088 | 19.42 | 0.087 |
| 10 | 16QAM | 25 | 12 | 19.15 | 0.082 | 19.37 | 0.086 | 19.13 | 0.082 |
| 10 | 16QAM | 25 | 25 | 19.36 | 0.086 | 19.20 | 0.083 | 19.15 | 0.082 |
| 10 | 16QAM | 50 | 0 | 19.26 | 0.084 | 19.18 | 0.083 | 19.32 | 0.086 |
| 10 | 64QAM | 1 | 0 | 20.10 | 0.102 | 20.20 | 0.105 | 20.31 | 0.107 |
| 10 | 64QAM | 1 | 25 | 19.97 | 0.099 | 20.22 | 0.105 | 20.28 | 0.107 |
| 10 | 64QAM | 1 | 49 | 20.08 | 0.102 | 19.89 | 0.097 | 20.05 | 0.101 |
| 10 | 64QAM | 25 | 0 | 19.42 | 0.087 | 19.42 | 0.087 | 19.47 | 0.089 |
| 10 | 64QAM | 25 | 12 | 19.28 | 0.085 | 19.23 | 0.084 | 19.44 | 0.088 |
| 10 | 64QAM | 25 | 25 | 19.30 | 0.085 | 19.17 | 0.083 | 19.31 | 0.085 |
| 10 | 64QAM | 50 | 0 | 19.31 | 0.085 | 19.25 | 0.084 | 19.27 | 0.085 |



| LTE Band 7 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20775 | | 21100 | | 21425 | |
| Frequency (MHz) | | | | 2502.5 | | 2535 | | 2567.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 21.19 | 0.132 | 21.39 | 0.138 | 21.26 | 0.134 |
| 5 | QPSK | 1 | 12 | 21.07 | 0.128 | 21.29 | 0.135 | 21.23 | 0.133 |
| 5 | QPSK | 1 | 24 | 21.10 | 0.129 | 21.06 | 0.128 | 20.96 | 0.125 |
| 5 | QPSK | 12 | 0 | 20.20 | 0.105 | 20.36 | 0.109 | 20.44 | 0.111 |
| 5 | QPSK | 12 | 7 | 20.28 | 0.107 | 20.26 | 0.106 | 20.12 | 0.103 |
| 5 | QPSK | 12 | 13 | 20.09 | 0.102 | 20.07 | 0.102 | 20.14 | 0.103 |
| 5 | QPSK | 25 | 0 | 20.10 | 0.102 | 20.19 | 0.104 | 20.22 | 0.105 |
| 5 | 16QAM | 1 | 0 | 20.12 | 0.103 | 20.21 | 0.105 | 20.35 | 0.108 |
| 5 | 16QAM | 1 | 12 | 20.01 | 0.100 | 20.13 | 0.103 | 20.22 | 0.105 |
| 5 | 16QAM | 1 | 24 | 19.92 | 0.098 | 20.06 | 0.101 | 20.08 | 0.102 |
| 5 | 16QAM | 12 | 0 | 19.32 | 0.086 | 19.44 | 0.088 | 19.43 | 0.088 |
| 5 | 16QAM | 12 | 7 | 19.17 | 0.083 | 19.32 | 0.086 | 19.24 | 0.084 |
| 5 | 16QAM | 12 | 13 | 19.31 | 0.085 | 19.20 | 0.083 | 19.22 | 0.084 |
| 5 | 16QAM | 25 | 0 | 19.26 | 0.084 | 19.18 | 0.083 | 19.39 | 0.087 |
| 5 | 64QAM | 1 | 0 | 20.17 | 0.104 | 20.22 | 0.105 | 20.38 | 0.109 |
| 5 | 64QAM | 1 | 12 | 19.91 | 0.098 | 20.16 | 0.104 | 20.25 | 0.106 |
| 5 | 64QAM | 1 | 24 | 20.03 | 0.101 | 19.89 | 0.097 | 20.12 | 0.103 |
| 5 | 64QAM | 12 | 0 | 19.35 | 0.086 | 19.40 | 0.087 | 19.47 | 0.089 |
| 5 | 64QAM | 12 | 7 | 19.26 | 0.084 | 19.23 | 0.084 | 19.49 | 0.089 |
| 5 | 64QAM | 12 | 13 | 19.25 | 0.084 | 19.21 | 0.083 | 19.27 | 0.085 |
| 5 | 64QAM | 25 | 0 | 19.31 | 0.085 | 19.23 | 0.084 | 19.13 | 0.082 |



| LTE Band 12 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 23060 | | 23095 | | 23130 | |
| Frequency (MHz) | | | | 704 | | 707.5 | | 711 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 16.24 | 0.042 | 16.28 | 0.042 | 16.22 | 0.042 |
| 10 | QPSK | 1 | 25 | 16.24 | 0.042 | 16.20 | 0.042 | 16.21 | 0.042 |
| 10 | QPSK | 1 | 49 | 16.20 | 0.042 | 16.23 | 0.042 | 16.24 | 0.042 |
| 10 | QPSK | 25 | 0 | 15.27 | 0.034 | 15.33 | 0.034 | 15.29 | 0.034 |
| 10 | QPSK | 25 | 12 | 15.31 | 0.034 | 15.23 | 0.033 | 15.31 | 0.034 |
| 10 | QPSK | 25 | 25 | 15.24 | 0.033 | 15.22 | 0.033 | 15.28 | 0.034 |
| 10 | QPSK | 50 | 0 | 15.20 | 0.033 | 15.19 | 0.033 | 15.26 | 0.034 |
| 10 | 16QAM | 1 | 0 | 15.62 | 0.036 | 15.61 | 0.036 | 15.52 | 0.036 |
| 10 | 16QAM | 1 | 25 | 15.18 | 0.033 | 15.35 | 0.034 | 15.53 | 0.036 |
| 10 | 16QAM | 1 | 49 | 15.35 | 0.034 | 15.42 | 0.035 | 15.48 | 0.035 |
| 10 | 16QAM | 25 | 0 | 14.17 | 0.026 | 14.32 | 0.027 | 14.16 | 0.026 |
| 10 | 16QAM | 25 | 12 | 14.28 | 0.027 | 14.27 | 0.027 | 14.30 | 0.027 |
| 10 | 16QAM | 25 | 25 | 14.27 | 0.027 | 14.38 | 0.027 | 14.23 | 0.026 |
| 10 | 16QAM | 50 | 0 | 14.29 | 0.027 | 14.27 | 0.027 | 14.31 | 0.027 |
| 10 | 64QAM | 1 | 0 | 15.17 | 0.033 | 15.27 | 0.034 | 15.33 | 0.034 |
| 10 | 64QAM | 1 | 25 | 15.16 | 0.033 | 15.33 | 0.034 | 15.52 | 0.036 |
| 10 | 64QAM | 1 | 49 | 15.47 | 0.035 | 15.50 | 0.035 | 15.29 | 0.034 |
| 10 | 64QAM | 25 | 0 | 14.08 | 0.026 | 14.28 | 0.027 | 14.26 | 0.027 |
| 10 | 64QAM | 25 | 12 | 14.38 | 0.027 | 14.23 | 0.026 | 14.34 | 0.027 |
| 10 | 64QAM | 25 | 25 | 14.18 | 0.026 | 14.31 | 0.027 | 14.35 | 0.027 |
| 10 | 64QAM | 50 | 0 | 14.31 | 0.027 | 14.26 | 0.027 | 13.98 | 0.025 |



| LTE Band 12 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 23035 | | 23095 | | 23155 | |
| Frequency (MHz) | | | | 701.5 | | 707.5 | | 713.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 16.12 | 0.041 | 16.17 | 0.041 | 16.07 | 0.040 |
| 5 | QPSK | 1 | 12 | 16.15 | 0.041 | 16.10 | 0.041 | 16.12 | 0.041 |
| 5 | QPSK | 1 | 24 | 16.13 | 0.041 | 16.08 | 0.041 | 16.22 | 0.042 |
| 5 | QPSK | 12 | 0 | 15.19 | 0.033 | 15.06 | 0.032 | 15.12 | 0.033 |
| 5 | QPSK | 12 | 7 | 15.27 | 0.034 | 15.08 | 0.032 | 15.19 | 0.033 |
| 5 | QPSK | 12 | 13 | 15.19 | 0.033 | 15.17 | 0.033 | 15.26 | 0.034 |
| 5 | QPSK | 25 | 0 | 15.12 | 0.033 | 15.17 | 0.033 | 15.27 | 0.034 |
| 5 | 16QAM | 1 | 0 | 15.50 | 0.035 | 15.48 | 0.035 | 15.40 | 0.035 |
| 5 | 16QAM | 1 | 12 | 15.10 | 0.032 | 15.30 | 0.034 | 15.40 | 0.035 |
| 5 | 16QAM | 1 | 24 | 15.20 | 0.033 | 15.27 | 0.034 | 15.37 | 0.034 |
| 5 | 16QAM | 12 | 0 | 14.06 | 0.025 | 14.31 | 0.027 | 14.14 | 0.026 |
| 5 | 16QAM | 12 | 7 | 14.22 | 0.026 | 14.24 | 0.027 | 14.20 | 0.026 |
| 5 | 16QAM | 12 | 13 | 14.26 | 0.027 | 14.29 | 0.027 | 14.12 | 0.026 |
| 5 | 16QAM | 25 | 0 | 14.16 | 0.026 | 14.12 | 0.026 | 14.28 | 0.027 |
| 5 | 64QAM | 1 | 0 | 15.09 | 0.032 | 15.13 | 0.033 | 15.30 | 0.034 |
| 5 | 64QAM | 1 | 12 | 15.14 | 0.033 | 15.19 | 0.033 | 15.45 | 0.035 |
| 5 | 64QAM | 1 | 24 | 15.40 | 0.035 | 15.47 | 0.035 | 15.23 | 0.033 |
| 5 | 64QAM | 12 | 0 | 14.04 | 0.025 | 14.14 | 0.026 | 14.21 | 0.026 |
| 5 | 64QAM | 12 | 7 | 14.28 | 0.027 | 14.22 | 0.026 | 14.28 | 0.027 |
| 5 | 64QAM | 12 | 13 | 14.13 | 0.026 | 14.23 | 0.026 | 14.29 | 0.027 |
| 5 | 64QAM | 25 | 0 | 14.20 | 0.026 | 14.16 | 0.026 | 13.83 | 0.024 |



| LTE Band 12 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 23025 | | 23095 | | 23165 | |
| Frequency (MHz) | | | | 700.5 | | 707.5 | | 714.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 3 | QPSK | 1 | 0 | 16.13 | 0.041 | 16.16 | 0.041 | 16.12 | 0.041 |
| 3 | QPSK | 1 | 8 | 16.23 | 0.042 | 16.19 | 0.042 | 16.11 | 0.041 |
| 3 | QPSK | 1 | 14 | 16.17 | 0.041 | 16.16 | 0.041 | 16.11 | 0.041 |
| 3 | QPSK | 8 | 0 | 15.14 | 0.033 | 15.14 | 0.033 | 15.12 | 0.033 |
| 3 | QPSK | 8 | 4 | 15.16 | 0.033 | 15.18 | 0.033 | 15.23 | 0.033 |
| 3 | QPSK | 8 | 7 | 15.10 | 0.032 | 15.20 | 0.033 | 15.27 | 0.034 |
| 3 | QPSK | 15 | 0 | 15.09 | 0.032 | 15.18 | 0.033 | 15.23 | 0.033 |
| 3 | 16QAM | 1 | 0 | 15.40 | 0.035 | 15.45 | 0.035 | 15.42 | 0.035 |
| 3 | 16QAM | 1 | 8 | 15.08 | 0.032 | 15.20 | 0.033 | 15.43 | 0.035 |
| 3 | 16QAM | 1 | 14 | 15.27 | 0.034 | 15.39 | 0.035 | 15.44 | 0.035 |
| 3 | 16QAM | 8 | 0 | 14.14 | 0.026 | 14.20 | 0.026 | 14.03 | 0.025 |
| 3 | 16QAM | 8 | 4 | 14.26 | 0.027 | 14.21 | 0.026 | 14.27 | 0.027 |
| 3 | 16QAM | 8 | 7 | 14.18 | 0.026 | 14.30 | 0.027 | 14.22 | 0.026 |
| 3 | 16QAM | 15 | 0 | 14.22 | 0.026 | 14.20 | 0.026 | 14.21 | 0.026 |
| 3 | 64QAM | 1 | 0 | 15.10 | 0.032 | 15.25 | 0.033 | 15.23 | 0.033 |
| 3 | 64QAM | 1 | 8 | 15.07 | 0.032 | 15.27 | 0.034 | 15.40 | 0.035 |
| 3 | 64QAM | 1 | 14 | 15.41 | 0.035 | 15.37 | 0.034 | 15.20 | 0.033 |
| 3 | 64QAM | 8 | 0 | 14.06 | 0.025 | 14.19 | 0.026 | 14.13 | 0.026 |
| 3 | 64QAM | 8 | 4 | 14.36 | 0.027 | 14.15 | 0.026 | 14.21 | 0.026 |
| 3 | 64QAM | 8 | 7 | 14.11 | 0.026 | 14.27 | 0.027 | 14.21 | 0.026 |
| 3 | 64QAM | 15 | 0 | 14.16 | 0.026 | 14.22 | 0.026 | 13.84 | 0.024 |



| LTE Band 12 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 23017 | | 23095 | | 23173 | |
| Frequency (MHz) | | | | 699.7 | | 707.5 | | 715.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 16.18 | 0.041 | 16.22 | 0.042 | 16.15 | 0.041 |
| 1.4 | QPSK | 1 | 3 | 16.12 | 0.041 | 16.10 | 0.041 | 16.14 | 0.041 |
| 1.4 | QPSK | 1 | 5 | 16.15 | 0.041 | 16.21 | 0.042 | 16.19 | 0.042 |
| 1.4 | QPSK | 3 | 0 | 15.21 | 0.033 | 15.20 | 0.033 | 15.16 | 0.033 |
| 1.4 | QPSK | 3 | 1 | 15.17 | 0.033 | 15.19 | 0.033 | 15.24 | 0.033 |
| 1.4 | QPSK | 3 | 3 | 15.19 | 0.033 | 15.20 | 0.033 | 15.17 | 0.033 |
| 1.4 | QPSK | 6 | 0 | 15.14 | 0.033 | 15.17 | 0.033 | 15.31 | 0.034 |
| 1.4 | 16QAM | 1 | 0 | 15.40 | 0.035 | 15.46 | 0.035 | 15.45 | 0.035 |
| 1.4 | 16QAM | 1 | 3 | 15.15 | 0.033 | 15.30 | 0.034 | 15.39 | 0.035 |
| 1.4 | 16QAM | 1 | 5 | 15.21 | 0.033 | 15.35 | 0.034 | 15.34 | 0.034 |
| 1.4 | 16QAM | 3 | 0 | 14.17 | 0.026 | 14.26 | 0.027 | 14.20 | 0.026 |
| 1.4 | 16QAM | 3 | 1 | 14.22 | 0.026 | 14.21 | 0.026 | 14.23 | 0.026 |
| 1.4 | 16QAM | 3 | 3 | 14.22 | 0.026 | 14.32 | 0.027 | 14.20 | 0.026 |
| 1.4 | 16QAM | 6 | 0 | 14.18 | 0.026 | 14.13 | 0.026 | 14.26 | 0.027 |
| 1.4 | 64QAM | 1 | 0 | 15.16 | 0.033 | 15.22 | 0.033 | 15.22 | 0.033 |
| 1.4 | 64QAM | 1 | 3 | 15.02 | 0.032 | 15.25 | 0.033 | 15.44 | 0.035 |
| 1.4 | 64QAM | 1 | 5 | 15.37 | 0.034 | 15.36 | 0.034 | 15.15 | 0.033 |
| 1.4 | 64QAM | 3 | 0 | 14.02 | 0.025 | 14.22 | 0.026 | 14.22 | 0.026 |
| 1.4 | 64QAM | 3 | 1 | 14.31 | 0.027 | 14.17 | 0.026 | 14.30 | 0.027 |
| 1.4 | 64QAM | 3 | 3 | 14.07 | 0.026 | 14.29 | 0.027 | 14.34 | 0.027 |
| 1.4 | 64QAM | 6 | 0 | 14.20 | 0.026 | 14.17 | 0.026 | 13.93 | 0.025 |



| LTE Band 17 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 23780 | | 23790 | | 23800 | |
| Frequency (MHz) | | | | 709 | | 710 | | 711 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 16.28 | 0.042 | 16.37 | 0.043 | 16.25 | 0.042 |
| 10 | QPSK | 1 | 25 | 16.20 | 0.042 | 16.22 | 0.042 | 16.20 | 0.042 |
| 10 | QPSK | 1 | 49 | 16.12 | 0.041 | 16.07 | 0.040 | 16.23 | 0.042 |
| 10 | QPSK | 25 | 0 | 15.18 | 0.033 | 15.24 | 0.033 | 15.20 | 0.033 |
| 10 | QPSK | 25 | 12 | 15.17 | 0.033 | 15.23 | 0.033 | 15.20 | 0.033 |
| 10 | QPSK | 25 | 25 | 15.24 | 0.033 | 15.21 | 0.033 | 15.16 | 0.033 |
| 10 | QPSK | 50 | 0 | 15.17 | 0.033 | 15.23 | 0.033 | 15.18 | 0.033 |
| 10 | 16QAM | 1 | 0 | 15.37 | 0.034 | 15.59 | 0.036 | 15.52 | 0.036 |
| 10 | 16QAM | 1 | 25 | 15.50 | 0.035 | 15.56 | 0.036 | 15.38 | 0.035 |
| 10 | 16QAM | 1 | 49 | 15.53 | 0.036 | 15.39 | 0.035 | 15.34 | 0.034 |
| 10 | 16QAM | 25 | 0 | 14.30 | 0.027 | 14.32 | 0.027 | 14.26 | 0.027 |
| 10 | 16QAM | 25 | 12 | 14.40 | 0.028 | 14.33 | 0.027 | 14.37 | 0.027 |
| 10 | 16QAM | 25 | 25 | 14.31 | 0.027 | 14.28 | 0.027 | 14.38 | 0.027 |
| 10 | 16QAM | 50 | 0 | 14.27 | 0.027 | 14.23 | 0.026 | 14.16 | 0.026 |
| 10 | 64QAM | 1 | 0 | 15.43 | 0.035 | 15.30 | 0.034 | 15.31 | 0.034 |
| 10 | 64QAM | 1 | 25 | 15.37 | 0.034 | 15.41 | 0.035 | 15.17 | 0.033 |
| 10 | 64QAM | 1 | 49 | 15.18 | 0.033 | 15.29 | 0.034 | 15.34 | 0.034 |
| 10 | 64QAM | 25 | 0 | 14.26 | 0.027 | 14.24 | 0.027 | 14.28 | 0.027 |
| 10 | 64QAM | 25 | 12 | 14.43 | 0.028 | 14.36 | 0.027 | 14.33 | 0.027 |
| 10 | 64QAM | 25 | 25 | 14.23 | 0.026 | 14.25 | 0.027 | 14.28 | 0.027 |
| 10 | 64QAM | 50 | 0 | 14.29 | 0.027 | 14.23 | 0.026 | 14.21 | 0.026 |



| LTE Band 17 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 23755 | | 23790 | | 23825 | |
| Frequency (MHz) | | | | 706.5 | | 710 | | 713.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 16.25 | 0.042 | 16.30 | 0.043 | 16.23 | 0.042 |
| 5 | QPSK | 1 | 12 | 16.08 | 0.041 | 16.20 | 0.042 | 16.05 | 0.040 |
| 5 | QPSK | 1 | 24 | 16.02 | 0.040 | 16.03 | 0.040 | 16.15 | 0.041 |
| 5 | QPSK | 12 | 0 | 15.18 | 0.033 | 15.20 | 0.033 | 15.20 | 0.033 |
| 5 | QPSK | 12 | 7 | 15.27 | 0.034 | 15.15 | 0.033 | 15.36 | 0.034 |
| 5 | QPSK | 12 | 13 | 15.16 | 0.033 | 15.24 | 0.033 | 15.23 | 0.033 |
| 5 | QPSK | 25 | 0 | 15.04 | 0.032 | 15.21 | 0.033 | 15.14 | 0.033 |
| 5 | 16QAM | 1 | 0 | 15.23 | 0.033 | 15.55 | 0.036 | 15.42 | 0.035 |
| 5 | 16QAM | 1 | 12 | 15.45 | 0.035 | 15.53 | 0.036 | 15.31 | 0.034 |
| 5 | 16QAM | 1 | 24 | 15.38 | 0.035 | 15.28 | 0.034 | 15.32 | 0.034 |
| 5 | 16QAM | 12 | 0 | 14.17 | 0.026 | 14.29 | 0.027 | 14.25 | 0.027 |
| 5 | 16QAM | 12 | 7 | 14.36 | 0.027 | 14.21 | 0.026 | 14.23 | 0.026 |
| 5 | 16QAM | 12 | 13 | 14.25 | 0.027 | 14.23 | 0.026 | 14.23 | 0.026 |
| 5 | 16QAM | 25 | 0 | 14.20 | 0.026 | 14.08 | 0.026 | 14.06 | 0.025 |
| 5 | 64QAM | 1 | 0 | 15.32 | 0.034 | 15.21 | 0.033 | 15.18 | 0.033 |
| 5 | 64QAM | 1 | 12 | 15.34 | 0.034 | 15.37 | 0.034 | 15.15 | 0.033 |
| 5 | 64QAM | 1 | 24 | 15.04 | 0.032 | 15.27 | 0.034 | 15.24 | 0.033 |
| 5 | 64QAM | 12 | 0 | 14.19 | 0.026 | 14.12 | 0.026 | 14.15 | 0.026 |
| 5 | 64QAM | 12 | 7 | 14.31 | 0.027 | 14.34 | 0.027 | 14.31 | 0.027 |
| 5 | 64QAM | 12 | 13 | 14.10 | 0.026 | 14.10 | 0.026 | 14.19 | 0.026 |
| 5 | 64QAM | 25 | 0 | 14.20 | 0.026 | 14.15 | 0.026 | 14.15 | 0.026 |



| LTE Band 18 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 23965 | | 23970 | | 23975 | |
| Frequency (MHz) | | | | 826.5 | | 827 | | 827.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 17.34 | 0.054 | 17.26 | 0.053 | 17.38 | 0.055 |
| 5 | QPSK | 1 | 12 | 17.41 | 0.055 | 17.38 | 0.055 | 17.43 | 0.055 |
| 5 | QPSK | 1 | 24 | 17.21 | 0.053 | 17.19 | 0.052 | 17.25 | 0.053 |
| 5 | QPSK | 12 | 0 | 16.41 | 0.044 | 16.39 | 0.044 | 16.46 | 0.044 |
| 5 | QPSK | 12 | 7 | 16.25 | 0.042 | 16.29 | 0.043 | 16.37 | 0.043 |
| 5 | QPSK | 12 | 13 | 16.30 | 0.043 | 16.26 | 0.042 | 16.35 | 0.043 |
| 5 | QPSK | 25 | 0 | 16.24 | 0.042 | 16.22 | 0.042 | 16.33 | 0.043 |
| 5 | 16QAM | 1 | 0 | 16.32 | 0.043 | 16.30 | 0.043 | 16.38 | 0.043 |
| 5 | 16QAM | 1 | 12 | 16.21 | 0.042 | 16.27 | 0.042 | 16.28 | 0.042 |
| 5 | 16QAM | 1 | 24 | 16.45 | 0.044 | 16.46 | 0.044 | 16.47 | 0.044 |
| 5 | 16QAM | 12 | 0 | 15.35 | 0.034 | 15.30 | 0.034 | 15.39 | 0.035 |
| 5 | 16QAM | 12 | 7 | 15.37 | 0.034 | 15.39 | 0.035 | 15.41 | 0.035 |
| 5 | 16QAM | 12 | 13 | 15.23 | 0.033 | 15.26 | 0.034 | 15.27 | 0.034 |
| 5 | 16QAM | 25 | 0 | 15.34 | 0.034 | 15.36 | 0.034 | 15.46 | 0.035 |
| 5 | 64QAM | 1 | 0 | 16.44 | 0.044 | 16.45 | 0.044 | 16.53 | 0.045 |
| 5 | 64QAM | 1 | 12 | 16.44 | 0.044 | 16.40 | 0.044 | 16.48 | 0.044 |
| 5 | 64QAM | 1 | 24 | 16.31 | 0.043 | 16.21 | 0.042 | 16.32 | 0.043 |
| 5 | 64QAM | 12 | 0 | 15.37 | 0.034 | 15.34 | 0.034 | 15.43 | 0.035 |
| 5 | 64QAM | 12 | 7 | 15.32 | 0.034 | 15.31 | 0.034 | 15.39 | 0.035 |
| 5 | 64QAM | 12 | 13 | 15.35 | 0.034 | 15.36 | 0.034 | 15.47 | 0.035 |
| 5 | 64QAM | 25 | 0 | 15.32 | 0.034 | 15.39 | 0.035 | 15.40 | 0.035 |



| LTE Band19 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|---|--------------------|-------|------------------|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | / | | 24075 | | / | |
| Frequency (MHz) | | | | / | | 837.5 | | / | |
| | | | | / | / | dbm | W | / | / |
| 15 | QPSK | 1 | 0 | / | / | 17.33 | 0.054 | / | / |
| 15 | QPSK | 1 | 37 | / | / | 17.30 | 0.054 | / | / |
| 15 | QPSK | 1 | 74 | / | / | 17.20 | 0.052 | / | / |
| 15 | QPSK | 36 | 0 | / | / | 16.39 | 0.044 | / | / |
| 15 | QPSK | 36 | 20 | / | / | 16.33 | 0.043 | / | / |
| 15 | QPSK | 36 | 39 | / | / | 16.34 | 0.043 | / | / |
| 15 | QPSK | 75 | 0 | / | / | 16.27 | 0.042 | / | / |
| 15 | 16QAM | 1 | 0 | / | / | 16.31 | 0.043 | / | / |
| 15 | 16QAM | 1 | 37 | / | / | 16.24 | 0.042 | / | / |
| 15 | 16QAM | 1 | 74 | / | / | 16.29 | 0.043 | / | / |
| 15 | 16QAM | 36 | 0 | / | / | 15.34 | 0.034 | / | / |
| 15 | 16QAM | 36 | 20 | / | / | 15.41 | 0.035 | / | / |
| 15 | 16QAM | 36 | 39 | / | / | 15.27 | 0.034 | / | / |
| 15 | 16QAM | 75 | 0 | / | / | 15.43 | 0.035 | / | / |
| 15 | 64QAM | 1 | 0 | / | / | 16.38 | 0.043 | / | / |
| 15 | 64QAM | 1 | 37 | / | / | 16.43 | 0.044 | / | / |
| 15 | 64QAM | 1 | 74 | / | / | 16.41 | 0.044 | / | / |
| 15 | 64QAM | 36 | 0 | / | / | 15.32 | 0.034 | / | / |
| 15 | 64QAM | 36 | 20 | / | / | 15.34 | 0.034 | / | / |
| 15 | 64QAM | 36 | 39 | / | / | 15.36 | 0.034 | / | / |
| 15 | 64QAM | 75 | 0 | / | / | 15.26 | 0.034 | / | / |



| LTE Band19 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 24050 | | 24075 | | 24100 | |
| Frequency (MHz) | | | | 835 | | 837.5 | | 840 | |
| | | | | dbm | W | dbm | W | dbm | W |
| 10 | QPSK | 1 | 0 | 17.26 | 0.053 | 17.29 | 0.054 | 17.12 | 0.052 |
| 10 | QPSK | 1 | 25 | 17.00 | 0.050 | 17.24 | 0.053 | 17.25 | 0.053 |
| 10 | QPSK | 1 | 49 | 17.04 | 0.051 | 17.08 | 0.051 | 17.03 | 0.050 |
| 10 | QPSK | 25 | 0 | 16.21 | 0.042 | 16.28 | 0.042 | 16.14 | 0.041 |
| 10 | QPSK | 25 | 12 | 16.11 | 0.041 | 16.22 | 0.042 | 16.07 | 0.040 |
| 10 | QPSK | 25 | 25 | 16.05 | 0.040 | 16.26 | 0.042 | 16.16 | 0.041 |
| 10 | QPSK | 50 | 0 | 16.03 | 0.040 | 16.21 | 0.042 | 16.12 | 0.041 |
| 10 | 16QAM | 1 | 0 | 16.12 | 0.041 | 16.22 | 0.042 | 16.06 | 0.040 |
| 10 | 16QAM | 1 | 25 | 16.01 | 0.040 | 16.19 | 0.042 | 15.94 | 0.039 |
| 10 | 16QAM | 1 | 49 | 16.10 | 0.041 | 16.27 | 0.042 | 16.08 | 0.041 |
| 10 | 16QAM | 25 | 0 | 15.18 | 0.033 | 15.31 | 0.034 | 15.18 | 0.033 |
| 10 | 16QAM | 25 | 12 | 15.08 | 0.032 | 15.32 | 0.034 | 15.10 | 0.032 |
| 10 | 16QAM | 25 | 25 | 15.15 | 0.033 | 15.20 | 0.033 | 15.07 | 0.032 |
| 10 | 16QAM | 50 | 0 | 15.22 | 0.033 | 15.39 | 0.035 | 15.15 | 0.033 |
| 10 | 64QAM | 1 | 0 | 16.04 | 0.040 | 16.24 | 0.042 | 16.20 | 0.042 |
| 10 | 64QAM | 1 | 12 | 16.21 | 0.042 | 16.37 | 0.043 | 16.23 | 0.042 |
| 10 | 64QAM | 1 | 24 | 16.13 | 0.041 | 16.34 | 0.043 | 16.13 | 0.041 |
| 10 | 64QAM | 12 | 0 | 15.15 | 0.033 | 15.29 | 0.034 | 15.24 | 0.033 |
| 10 | 64QAM | 12 | 7 | 15.07 | 0.032 | 15.21 | 0.033 | 15.16 | 0.033 |
| 10 | 64QAM | 12 | 13 | 15.06 | 0.032 | 15.22 | 0.033 | 15.21 | 0.033 |
| 10 | 64QAM | 25 | 0 | 15.20 | 0.033 | 15.24 | 0.033 | 15.11 | 0.032 |



| LTE Band19 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 24025 | | 24075 | | 24125 | |
| Frequency (MHz) | | | | 832.5 | | 837.5 | | 842.5 | |
| | | | | dbm | W | dbm | W | dbm | W |
| 5 | QPSK | 1 | 0 | 17.21 | 0.053 | 17.28 | 0.053 | 17.20 | 0.052 |
| 5 | QPSK | 1 | 12 | 16.97 | 0.050 | 17.24 | 0.053 | 17.12 | 0.052 |
| 5 | QPSK | 1 | 24 | 17.04 | 0.051 | 17.12 | 0.052 | 17.09 | 0.051 |
| 5 | QPSK | 12 | 0 | 16.18 | 0.041 | 16.27 | 0.042 | 16.17 | 0.041 |
| 5 | QPSK | 12 | 7 | 16.06 | 0.040 | 16.32 | 0.043 | 16.14 | 0.041 |
| 5 | QPSK | 12 | 13 | 16.05 | 0.040 | 16.24 | 0.042 | 16.18 | 0.041 |
| 5 | QPSK | 25 | 0 | 15.99 | 0.040 | 16.20 | 0.042 | 16.12 | 0.041 |
| 5 | 16QAM | 1 | 0 | 15.98 | 0.040 | 16.27 | 0.042 | 16.10 | 0.041 |
| 5 | 16QAM | 1 | 12 | 16.00 | 0.040 | 16.23 | 0.042 | 16.06 | 0.040 |
| 5 | 16QAM | 1 | 24 | 16.09 | 0.041 | 16.25 | 0.042 | 16.20 | 0.042 |
| 5 | 16QAM | 12 | 0 | 15.18 | 0.033 | 15.31 | 0.034 | 15.22 | 0.033 |
| 5 | 16QAM | 12 | 7 | 15.12 | 0.033 | 15.28 | 0.034 | 15.00 | 0.032 |
| 5 | 16QAM | 12 | 13 | 15.19 | 0.033 | 15.25 | 0.033 | 14.96 | 0.031 |
| 5 | 16QAM | 25 | 0 | 15.17 | 0.033 | 15.41 | 0.035 | 15.15 | 0.033 |
| 5 | 64QAM | 1 | 0 | 16.03 | 0.040 | 16.24 | 0.042 | 16.25 | 0.042 |
| 5 | 64QAM | 1 | 12 | 16.10 | 0.041 | 16.39 | 0.044 | 16.30 | 0.043 |
| 5 | 64QAM | 1 | 24 | 16.06 | 0.040 | 16.27 | 0.042 | 16.10 | 0.041 |
| 5 | 64QAM | 12 | 0 | 15.16 | 0.033 | 15.26 | 0.034 | 15.20 | 0.033 |
| 5 | 64QAM | 12 | 7 | 15.16 | 0.033 | 15.27 | 0.034 | 15.12 | 0.033 |
| 5 | 64QAM | 12 | 13 | 15.11 | 0.032 | 15.28 | 0.034 | 15.18 | 0.033 |
| 5 | 64QAM | 25 | 0 | 15.09 | 0.032 | 15.24 | 0.033 | 15.06 | 0.032 |



| LTE Band26 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26865 | | 26915 | | 26965 | |
| Frequency (MHz) | | | | 831.5 | | 836.5 | | 841.5 | |
| | | | | dbm | W | dbm | W | dbm | W |
| 15 | QPSK | 1 | 0 | 17.48 | 0.056 | 17.44 | 0.055 | 17.45 | 0.056 |
| 15 | QPSK | 1 | 37 | 17.17 | 0.052 | 17.05 | 0.051 | 17.38 | 0.055 |
| 15 | QPSK | 1 | 74 | 17.35 | 0.054 | 17.32 | 0.054 | 17.32 | 0.054 |
| 15 | QPSK | 36 | 0 | 16.40 | 0.044 | 16.39 | 0.044 | 16.39 | 0.044 |
| 15 | QPSK | 36 | 20 | 16.32 | 0.043 | 16.22 | 0.042 | 16.33 | 0.043 |
| 15 | QPSK | 36 | 39 | 16.37 | 0.043 | 16.36 | 0.043 | 16.34 | 0.043 |
| 15 | QPSK | 75 | 0 | 16.36 | 0.043 | 16.31 | 0.043 | 16.27 | 0.042 |
| 15 | 16QAM | 1 | 0 | 16.38 | 0.043 | 16.29 | 0.043 | 16.57 | 0.045 |
| 15 | 16QAM | 1 | 37 | 16.56 | 0.045 | 16.45 | 0.044 | 16.21 | 0.042 |
| 15 | 16QAM | 1 | 74 | 16.46 | 0.044 | 16.38 | 0.043 | 16.32 | 0.043 |
| 15 | 16QAM | 36 | 0 | 15.48 | 0.035 | 15.46 | 0.035 | 15.38 | 0.035 |
| 15 | 16QAM | 36 | 20 | 15.47 | 0.035 | 15.43 | 0.035 | 15.43 | 0.035 |
| 15 | 16QAM | 36 | 39 | 15.33 | 0.034 | 15.21 | 0.033 | 15.55 | 0.036 |
| 15 | 16QAM | 75 | 0 | 15.44 | 0.035 | 15.38 | 0.035 | 15.47 | 0.035 |
| 15 | 64QAM | 1 | 0 | 16.59 | 0.046 | 16.52 | 0.045 | 16.34 | 0.043 |
| 15 | 64QAM | 1 | 37 | 16.52 | 0.045 | 16.40 | 0.044 | 16.22 | 0.042 |
| 15 | 64QAM | 1 | 74 | 16.50 | 0.045 | 16.44 | 0.044 | 16.36 | 0.043 |
| 15 | 64QAM | 36 | 0 | 15.39 | 0.035 | 15.27 | 0.034 | 15.31 | 0.034 |
| 15 | 64QAM | 36 | 20 | 15.45 | 0.035 | 15.40 | 0.035 | 15.52 | 0.036 |
| 15 | 64QAM | 36 | 39 | 15.43 | 0.035 | 15.39 | 0.035 | 15.39 | 0.035 |
| 15 | 64QAM | 75 | 0 | 15.56 | 0.036 | 15.54 | 0.036 | 15.40 | 0.035 |



| LTE Band26 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26840 | | 26915 | | 26990 | |
| Frequency (MHz) | | | | 829.0 | | 836.5 | | 844.0 | |
| | | | | dbm | W | dbm | W | dbm | W |
| 10 | QPSK | 1 | 0 | 17.27 | 0.053 | 17.31 | 0.054 | 17.36 | 0.054 |
| 10 | QPSK | 1 | 25 | 17.21 | 0.053 | 17.25 | 0.053 | 17.29 | 0.054 |
| 10 | QPSK | 1 | 49 | 17.12 | 0.052 | 17.10 | 0.051 | 17.22 | 0.053 |
| 10 | QPSK | 25 | 0 | 16.27 | 0.042 | 16.33 | 0.043 | 16.36 | 0.043 |
| 10 | QPSK | 25 | 12 | 16.20 | 0.042 | 16.27 | 0.042 | 16.29 | 0.043 |
| 10 | QPSK | 25 | 25 | 16.38 | 0.043 | 16.31 | 0.043 | 16.43 | 0.044 |
| 10 | QPSK | 50 | 0 | 16.34 | 0.043 | 16.30 | 0.043 | 16.42 | 0.044 |
| 10 | 16QAM | 1 | 0 | 16.36 | 0.043 | 16.36 | 0.043 | 16.43 | 0.044 |
| 10 | 16QAM | 1 | 25 | 16.07 | 0.040 | 16.10 | 0.041 | 16.13 | 0.041 |
| 10 | 16QAM | 1 | 49 | 16.14 | 0.041 | 16.13 | 0.041 | 16.22 | 0.042 |
| 10 | 16QAM | 25 | 0 | 15.23 | 0.033 | 15.28 | 0.034 | 15.35 | 0.034 |
| 10 | 16QAM | 25 | 12 | 15.31 | 0.034 | 15.29 | 0.034 | 15.40 | 0.035 |
| 10 | 16QAM | 25 | 25 | 15.38 | 0.035 | 15.42 | 0.035 | 15.44 | 0.035 |
| 10 | 16QAM | 50 | 0 | 15.28 | 0.034 | 15.27 | 0.034 | 15.36 | 0.034 |
| 10 | 64QAM | 1 | 0 | 16.12 | 0.041 | 16.10 | 0.041 | 16.22 | 0.042 |
| 10 | 64QAM | 1 | 25 | 16.12 | 0.041 | 16.14 | 0.041 | 16.21 | 0.042 |
| 10 | 64QAM | 1 | 49 | 16.20 | 0.042 | 16.25 | 0.042 | 16.31 | 0.043 |
| 10 | 64QAM | 25 | 0 | 15.12 | 0.033 | 15.14 | 0.033 | 15.21 | 0.033 |
| 10 | 64QAM | 25 | 12 | 15.44 | 0.035 | 15.38 | 0.035 | 15.46 | 0.035 |
| 10 | 64QAM | 25 | 25 | 15.30 | 0.034 | 15.29 | 0.034 | 15.37 | 0.034 |
| 10 | 64QAM | 50 | 0 | 15.24 | 0.033 | 15.19 | 0.033 | 15.31 | 0.034 |



| LTE Band26 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26815 | | 26915 | | 27015 | |
| Frequency (MHz) | | | | 826.5 | | 836.5 | | 846.5 | |
| | | | | dbm | W | dbm | W | dbm | W |
| 5 | QPSK | 1 | 0 | 17.33 | 0.054 | 17.38 | 0.055 | 17.42 | 0.055 |
| 5 | QPSK | 1 | 12 | 17.24 | 0.053 | 17.21 | 0.053 | 17.26 | 0.053 |
| 5 | QPSK | 1 | 24 | 17.11 | 0.051 | 17.16 | 0.052 | 17.22 | 0.053 |
| 5 | QPSK | 12 | 0 | 16.13 | 0.041 | 16.21 | 0.042 | 16.25 | 0.042 |
| 5 | QPSK | 12 | 7 | 16.19 | 0.042 | 16.24 | 0.042 | 16.30 | 0.043 |
| 5 | QPSK | 12 | 13 | 16.29 | 0.043 | 16.27 | 0.042 | 16.37 | 0.043 |
| 5 | QPSK | 25 | 0 | 16.40 | 0.044 | 16.35 | 0.043 | 16.45 | 0.044 |
| 5 | 16QAM | 1 | 0 | 16.41 | 0.044 | 16.43 | 0.044 | 16.53 | 0.045 |
| 5 | 16QAM | 1 | 12 | 16.03 | 0.040 | 16.07 | 0.040 | 16.15 | 0.041 |
| 5 | 16QAM | 1 | 24 | 16.09 | 0.041 | 16.13 | 0.041 | 16.21 | 0.042 |
| 5 | 16QAM | 12 | 0 | 15.23 | 0.033 | 15.19 | 0.033 | 15.30 | 0.034 |
| 5 | 16QAM | 12 | 7 | 15.33 | 0.034 | 15.31 | 0.034 | 15.34 | 0.034 |
| 5 | 16QAM | 12 | 13 | 15.53 | 0.036 | 15.50 | 0.035 | 15.54 | 0.036 |
| 5 | 16QAM | 25 | 0 | 15.31 | 0.034 | 15.38 | 0.035 | 15.39 | 0.035 |
| 5 | 64QAM | 1 | 0 | 16.21 | 0.042 | 16.20 | 0.042 | 16.30 | 0.043 |
| 5 | 64QAM | 1 | 12 | 16.17 | 0.041 | 16.10 | 0.041 | 16.19 | 0.042 |
| 5 | 64QAM | 1 | 24 | 16.20 | 0.042 | 16.20 | 0.042 | 16.23 | 0.042 |
| 5 | 64QAM | 12 | 0 | 15.19 | 0.033 | 15.22 | 0.033 | 15.25 | 0.033 |
| 5 | 64QAM | 12 | 7 | 15.34 | 0.034 | 15.35 | 0.034 | 15.45 | 0.035 |
| 5 | 64QAM | 12 | 13 | 15.22 | 0.033 | 15.22 | 0.033 | 15.30 | 0.034 |
| 5 | 64QAM | 25 | 0 | 15.19 | 0.033 | 15.26 | 0.034 | 15.31 | 0.034 |



| LTE Band26 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26805 | | 26915 | | 27025 | |
| Frequency (MHz) | | | | 825.5 | | 836.5 | | 847.5 | |
| | | | | dbm | W | dbm | W | dbm | W |
| 3 | QPSK | 1 | 0 | 17.29 | 0.054 | 17.36 | 0.054 | 17.37 | 0.055 |
| 3 | QPSK | 1 | 8 | 17.16 | 0.052 | 17.18 | 0.052 | 17.26 | 0.053 |
| 3 | QPSK | 1 | 14 | 17.15 | 0.052 | 17.07 | 0.051 | 17.19 | 0.052 |
| 3 | QPSK | 8 | 0 | 16.15 | 0.041 | 16.15 | 0.041 | 16.26 | 0.042 |
| 3 | QPSK | 8 | 4 | 16.13 | 0.041 | 16.13 | 0.041 | 16.23 | 0.042 |
| 3 | QPSK | 8 | 7 | 16.33 | 0.043 | 16.32 | 0.043 | 16.43 | 0.044 |
| 3 | QPSK | 15 | 0 | 16.25 | 0.042 | 16.30 | 0.043 | 16.36 | 0.043 |
| 3 | 16QAM | 1 | 0 | 16.45 | 0.044 | 16.47 | 0.044 | 16.51 | 0.045 |
| 3 | 16QAM | 1 | 8 | 16.07 | 0.040 | 16.14 | 0.041 | 16.19 | 0.042 |
| 3 | 16QAM | 1 | 14 | 16.15 | 0.041 | 16.09 | 0.041 | 16.21 | 0.042 |
| 3 | 16QAM | 8 | 0 | 15.18 | 0.033 | 15.18 | 0.033 | 15.27 | 0.034 |
| 3 | 16QAM | 8 | 4 | 15.24 | 0.033 | 15.23 | 0.033 | 15.35 | 0.034 |
| 3 | 16QAM | 8 | 7 | 15.41 | 0.035 | 15.42 | 0.035 | 15.45 | 0.035 |
| 3 | 16QAM | 15 | 0 | 15.35 | 0.034 | 15.33 | 0.034 | 15.37 | 0.034 |
| 3 | 64QAM | 1 | 0 | 16.24 | 0.042 | 16.21 | 0.042 | 16.33 | 0.043 |
| 3 | 64QAM | 1 | 8 | 16.06 | 0.040 | 16.07 | 0.040 | 16.17 | 0.041 |
| 3 | 64QAM | 1 | 14 | 16.19 | 0.042 | 16.29 | 0.043 | 16.31 | 0.043 |
| 3 | 64QAM | 8 | 0 | 15.23 | 0.033 | 15.20 | 0.033 | 15.27 | 0.034 |
| 3 | 64QAM | 8 | 4 | 15.40 | 0.035 | 15.43 | 0.035 | 15.51 | 0.036 |
| 3 | 64QAM | 8 | 7 | 15.19 | 0.033 | 15.15 | 0.033 | 15.27 | 0.034 |
| 3 | 64QAM | 15 | 0 | 15.14 | 0.033 | 15.23 | 0.033 | 15.25 | 0.033 |



| LTE Band 26 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26797 | | 26915 | | 27033 | |
| Frequency (MHz) | | | | 824.7 | | 836.5 | | 848.3 | |
| | | | | dbm | W | dbm | W | dbm | W |
| 1.4 | QPSK | 1 | 0 | 17.30 | 0.054 | 17.25 | 0.053 | 17.33 | 0.054 |
| 1.4 | QPSK | 1 | 3 | 17.21 | 0.053 | 17.24 | 0.053 | 17.27 | 0.053 |
| 1.4 | QPSK | 1 | 5 | 17.13 | 0.052 | 17.08 | 0.051 | 17.19 | 0.052 |
| 1.4 | QPSK | 3 | 0 | 16.21 | 0.042 | 16.24 | 0.042 | 16.32 | 0.043 |
| 1.4 | QPSK | 3 | 1 | 16.12 | 0.041 | 16.17 | 0.041 | 16.23 | 0.042 |
| 1.4 | QPSK | 3 | 3 | 16.39 | 0.044 | 16.29 | 0.043 | 16.40 | 0.044 |
| 1.4 | QPSK | 6 | 0 | 16.31 | 0.043 | 16.34 | 0.043 | 16.43 | 0.044 |
| 1.4 | 16QAM | 1 | 0 | 16.51 | 0.045 | 16.48 | 0.044 | 16.54 | 0.045 |
| 1.4 | 16QAM | 1 | 3 | 16.13 | 0.041 | 16.08 | 0.041 | 16.17 | 0.041 |
| 1.4 | 16QAM | 1 | 5 | 16.24 | 0.042 | 16.17 | 0.041 | 16.27 | 0.042 |
| 1.4 | 16QAM | 3 | 0 | 15.22 | 0.033 | 15.21 | 0.033 | 15.29 | 0.034 |
| 1.4 | 16QAM | 3 | 1 | 15.33 | 0.034 | 15.40 | 0.035 | 15.42 | 0.035 |
| 1.4 | 16QAM | 3 | 3 | 15.39 | 0.035 | 15.43 | 0.035 | 15.49 | 0.035 |
| 1.4 | 16QAM | 6 | 0 | 15.31 | 0.034 | 15.28 | 0.034 | 15.33 | 0.034 |
| 1.4 | 64QAM | 1 | 0 | 16.21 | 0.042 | 16.30 | 0.043 | 16.31 | 0.043 |
| 1.4 | 64QAM | 1 | 3 | 16.11 | 0.041 | 16.14 | 0.041 | 16.19 | 0.042 |
| 1.4 | 64QAM | 1 | 5 | 16.23 | 0.042 | 16.25 | 0.042 | 16.34 | 0.043 |
| 1.4 | 64QAM | 3 | 0 | 15.14 | 0.033 | 15.09 | 0.032 | 15.16 | 0.033 |
| 1.4 | 64QAM | 3 | 1 | 15.39 | 0.035 | 15.33 | 0.034 | 15.42 | 0.035 |
| 1.4 | 64QAM | 3 | 3 | 15.30 | 0.034 | 15.31 | 0.034 | 15.38 | 0.035 |
| 1.4 | 64QAM | 6 | 0 | 15.26 | 0.034 | 15.30 | 0.034 | 15.36 | 0.034 |



| LTE Band 38 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 37850 | | 38000 | | 38150 | |
| Frequency (MHz) | | | | 2580 | | 2595 | | 2610 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 21.10 | 0.129 | 21.25 | 0.133 | 21.20 | 0.132 |
| 20 | QPSK | 1 | 49 | 21.13 | 0.130 | 21.04 | 0.127 | 21.18 | 0.131 |
| 20 | QPSK | 1 | 99 | 21.04 | 0.127 | 21.10 | 0.129 | 21.08 | 0.128 |
| 20 | QPSK | 50 | 0 | 20.08 | 0.102 | 20.13 | 0.103 | 20.06 | 0.101 |
| 20 | QPSK | 50 | 24 | 20.10 | 0.102 | 20.09 | 0.102 | 20.01 | 0.100 |
| 20 | QPSK | 50 | 50 | 20.06 | 0.101 | 20.06 | 0.101 | 20.02 | 0.100 |
| 20 | QPSK | 100 | 0 | 19.99 | 0.100 | 20.05 | 0.101 | 20.10 | 0.102 |
| 20 | 16QAM | 1 | 0 | 20.30 | 0.107 | 20.21 | 0.105 | 20.33 | 0.108 |
| 20 | 16QAM | 1 | 49 | 20.31 | 0.107 | 20.43 | 0.110 | 20.03 | 0.101 |
| 20 | 16QAM | 1 | 99 | 20.27 | 0.106 | 20.20 | 0.105 | 20.06 | 0.101 |
| 20 | 16QAM | 50 | 0 | 19.13 | 0.082 | 19.21 | 0.083 | 19.18 | 0.083 |
| 20 | 16QAM | 50 | 24 | 19.29 | 0.085 | 19.34 | 0.086 | 19.18 | 0.083 |
| 20 | 16QAM | 50 | 50 | 19.23 | 0.084 | 19.06 | 0.081 | 19.35 | 0.086 |
| 20 | 16QAM | 100 | 0 | 19.06 | 0.081 | 19.26 | 0.084 | 19.31 | 0.085 |
| 20 | 64QAM | 1 | 0 | 20.18 | 0.104 | 20.07 | 0.102 | 20.17 | 0.104 |
| 20 | 64QAM | 1 | 49 | 20.18 | 0.104 | 20.32 | 0.108 | 19.95 | 0.099 |
| 20 | 64QAM | 1 | 99 | 20.17 | 0.104 | 20.30 | 0.107 | 20.11 | 0.103 |
| 20 | 64QAM | 50 | 0 | 19.21 | 0.083 | 19.25 | 0.084 | 19.16 | 0.082 |
| 20 | 64QAM | 50 | 24 | 19.11 | 0.081 | 19.28 | 0.085 | 19.32 | 0.086 |
| 20 | 64QAM | 50 | 50 | 19.30 | 0.085 | 19.23 | 0.084 | 19.12 | 0.082 |
| 20 | 64QAM | 100 | 0 | 19.10 | 0.081 | 19.43 | 0.088 | 19.27 | 0.085 |



| LTE Band 38 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 37825 | | 38000 | | 38175 | |
| Frequency (MHz) | | | | 2577.5 | | 2595 | | 2612.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 21.09 | 0.129 | 21.22 | 0.132 | 21.16 | 0.131 |
| 15 | QPSK | 1 | 37 | 21.15 | 0.130 | 20.84 | 0.121 | 21.15 | 0.130 |
| 15 | QPSK | 1 | 74 | 21.04 | 0.127 | 21.08 | 0.128 | 21.17 | 0.131 |
| 15 | QPSK | 36 | 0 | 20.18 | 0.104 | 20.12 | 0.103 | 20.24 | 0.106 |
| 15 | QPSK | 36 | 20 | 20.22 | 0.105 | 20.16 | 0.104 | 20.06 | 0.101 |
| 15 | QPSK | 36 | 39 | 20.14 | 0.103 | 20.29 | 0.107 | 20.20 | 0.105 |
| 15 | QPSK | 75 | 0 | 20.14 | 0.103 | 20.06 | 0.101 | 20.13 | 0.103 |
| 15 | 16QAM | 1 | 0 | 20.26 | 0.106 | 20.19 | 0.104 | 20.28 | 0.107 |
| 15 | 16QAM | 1 | 37 | 20.25 | 0.106 | 20.33 | 0.108 | 20.03 | 0.101 |
| 15 | 16QAM | 1 | 74 | 20.28 | 0.107 | 20.11 | 0.103 | 20.06 | 0.101 |
| 15 | 16QAM | 36 | 0 | 19.15 | 0.082 | 19.19 | 0.083 | 19.15 | 0.082 |
| 15 | 16QAM | 36 | 20 | 19.22 | 0.084 | 19.30 | 0.085 | 19.10 | 0.081 |
| 15 | 16QAM | 36 | 39 | 19.18 | 0.083 | 18.98 | 0.079 | 19.34 | 0.086 |
| 15 | 16QAM | 75 | 0 | 19.04 | 0.080 | 19.19 | 0.083 | 19.26 | 0.084 |
| 15 | 64QAM | 1 | 0 | 20.28 | 0.107 | 20.35 | 0.108 | 20.09 | 0.102 |
| 15 | 64QAM | 1 | 37 | 20.13 | 0.103 | 20.28 | 0.107 | 19.93 | 0.098 |
| 15 | 64QAM | 1 | 74 | 20.19 | 0.104 | 20.33 | 0.108 | 20.06 | 0.101 |
| 15 | 64QAM | 36 | 0 | 19.11 | 0.081 | 19.23 | 0.084 | 19.10 | 0.081 |
| 15 | 64QAM | 36 | 20 | 19.12 | 0.082 | 19.31 | 0.085 | 19.34 | 0.086 |
| 15 | 64QAM | 36 | 39 | 19.31 | 0.085 | 19.23 | 0.084 | 19.08 | 0.081 |
| 15 | 64QAM | 75 | 0 | 19.13 | 0.082 | 19.34 | 0.086 | 19.31 | 0.085 |



| LTE Band 38 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 37800 | | 38000 | | 38200 | |
| Frequency (MHz) | | | | 2575 | | 2595 | | 2615 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 21.00 | 0.126 | 21.13 | 0.130 | 21.14 | 0.130 |
| 10 | QPSK | 1 | 25 | 21.05 | 0.127 | 20.86 | 0.122 | 21.09 | 0.129 |
| 10 | QPSK | 1 | 49 | 21.05 | 0.127 | 21.13 | 0.130 | 21.21 | 0.132 |
| 10 | QPSK | 25 | 0 | 20.08 | 0.102 | 20.06 | 0.101 | 20.17 | 0.104 |
| 10 | QPSK | 25 | 12 | 20.12 | 0.103 | 20.09 | 0.102 | 20.10 | 0.102 |
| 10 | QPSK | 25 | 25 | 20.24 | 0.106 | 20.33 | 0.108 | 20.16 | 0.104 |
| 10 | QPSK | 50 | 0 | 20.21 | 0.105 | 20.09 | 0.102 | 20.10 | 0.102 |
| 10 | 16QAM | 1 | 0 | 20.33 | 0.108 | 20.25 | 0.106 | 20.35 | 0.108 |
| 10 | 16QAM | 1 | 25 | 20.26 | 0.106 | 20.36 | 0.109 | 19.94 | 0.099 |
| 10 | 16QAM | 1 | 49 | 20.24 | 0.106 | 20.15 | 0.104 | 19.97 | 0.099 |
| 10 | 16QAM | 25 | 0 | 19.14 | 0.082 | 19.23 | 0.084 | 19.11 | 0.081 |
| 10 | 16QAM | 25 | 12 | 19.29 | 0.085 | 19.30 | 0.085 | 19.11 | 0.081 |
| 10 | 16QAM | 25 | 25 | 19.16 | 0.082 | 19.05 | 0.080 | 19.32 | 0.086 |
| 10 | 16QAM | 50 | 0 | 18.99 | 0.079 | 19.24 | 0.084 | 19.23 | 0.084 |
| 10 | 64QAM | 1 | 0 | 20.30 | 0.107 | 20.38 | 0.109 | 20.20 | 0.105 |
| 10 | 64QAM | 1 | 25 | 20.09 | 0.102 | 20.25 | 0.106 | 19.95 | 0.099 |
| 10 | 64QAM | 1 | 49 | 20.10 | 0.102 | 20.23 | 0.105 | 20.03 | 0.101 |
| 10 | 64QAM | 25 | 0 | 19.25 | 0.084 | 19.27 | 0.085 | 19.07 | 0.081 |
| 10 | 64QAM | 25 | 12 | 19.08 | 0.081 | 19.23 | 0.084 | 19.29 | 0.085 |
| 10 | 64QAM | 25 | 25 | 19.33 | 0.086 | 19.26 | 0.084 | 19.03 | 0.080 |
| 10 | 64QAM | 50 | 0 | 19.06 | 0.081 | 19.42 | 0.087 | 19.28 | 0.085 |



| LTE Band 38 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 37775 | | 38000 | | 38225 | |
| Frequency (MHz) | | | | 2572.5 | | 2595 | | 2617.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 21.09 | 0.129 | 21.17 | 0.131 | 21.16 | 0.131 |
| 5 | QPSK | 1 | 12 | 21.03 | 0.127 | 20.96 | 0.125 | 21.19 | 0.132 |
| 5 | QPSK | 1 | 24 | 21.06 | 0.128 | 21.02 | 0.126 | 21.11 | 0.129 |
| 5 | QPSK | 12 | 0 | 20.18 | 0.104 | 20.17 | 0.104 | 20.30 | 0.107 |
| 5 | QPSK | 12 | 7 | 20.13 | 0.103 | 20.21 | 0.105 | 20.15 | 0.104 |
| 5 | QPSK | 12 | 13 | 20.23 | 0.105 | 20.29 | 0.107 | 20.17 | 0.104 |
| 5 | QPSK | 25 | 0 | 20.21 | 0.105 | 20.18 | 0.104 | 20.15 | 0.104 |
| 5 | 16QAM | 1 | 0 | 20.26 | 0.106 | 20.22 | 0.105 | 20.26 | 0.106 |
| 5 | 16QAM | 1 | 12 | 20.23 | 0.105 | 20.47 | 0.111 | 20.02 | 0.100 |
| 5 | 16QAM | 1 | 24 | 20.20 | 0.105 | 20.16 | 0.104 | 20.08 | 0.102 |
| 5 | 16QAM | 12 | 0 | 19.08 | 0.081 | 19.12 | 0.082 | 19.19 | 0.083 |
| 5 | 16QAM | 12 | 7 | 19.23 | 0.084 | 19.24 | 0.084 | 19.14 | 0.082 |
| 5 | 16QAM | 12 | 13 | 19.26 | 0.084 | 18.96 | 0.079 | 19.27 | 0.085 |
| 5 | 16QAM | 25 | 0 | 19.09 | 0.081 | 19.30 | 0.085 | 19.25 | 0.084 |
| 5 | 64QAM | 1 | 0 | 20.18 | 0.104 | 20.35 | 0.108 | 20.21 | 0.001 |
| 5 | 64QAM | 1 | 12 | 20.13 | 0.103 | 20.30 | 0.107 | 19.99 | 0.001 |
| 5 | 64QAM | 1 | 24 | 20.21 | 0.105 | 20.27 | 0.106 | 20.10 | 0.001 |
| 5 | 64QAM | 12 | 0 | 19.19 | 0.083 | 19.28 | 0.085 | 19.11 | 0.001 |
| 5 | 64QAM | 12 | 7 | 19.02 | 0.080 | 19.24 | 0.084 | 19.26 | 0.001 |
| 5 | 64QAM | 12 | 13 | 19.30 | 0.085 | 19.26 | 0.084 | 19.06 | 0.001 |
| 5 | 64QAM | 25 | 0 | 19.13 | 0.082 | 19.34 | 0.086 | 19.17 | 0.001 |



| LTE Band 40, Block A | | | | Measured E.I.R.P. | | | | | |
|----------------------|------------|---------|-----------|-------------------|---|--------------------|-------|------------------|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | / | | 38750 | | / | |
| Frequency (MHz) | | | | / | | 2310 | | / | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | / | / | 22.11 | 0.163 | / | / |
| 10 | QPSK | 1 | 25 | / | / | 21.92 | 0.156 | / | / |
| 10 | QPSK | 1 | 49 | / | / | 21.98 | 0.158 | / | / |
| 10 | QPSK | 25 | 0 | / | / | 21.14 | 0.130 | / | / |
| 10 | QPSK | 25 | 12 | / | / | 21.12 | 0.129 | / | / |
| 10 | QPSK | 25 | 25 | / | / | 21.09 | 0.129 | / | / |
| 10 | QPSK | 50 | 0 | / | / | 21.06 | 0.128 | / | / |
| 10 | 16QAM | 1 | 0 | / | / | 21.15 | 0.130 | / | / |
| 10 | 16QAM | 1 | 25 | / | / | 21.13 | 0.130 | / | / |
| 10 | 16QAM | 1 | 49 | / | / | 21.19 | 0.132 | / | / |
| 10 | 16QAM | 25 | 0 | / | / | 20.17 | 0.104 | / | / |
| 10 | 16QAM | 25 | 12 | / | / | 20.25 | 0.106 | / | / |
| 10 | 16QAM | 25 | 25 | / | / | 20.23 | 0.105 | / | / |
| 10 | 16QAM | 50 | 0 | / | / | 20.09 | 0.102 | / | / |
| 10 | 64QAM | 1 | 0 | / | / | 21.27 | 0.134 | / | / |
| 10 | 64QAM | 1 | 25 | / | / | 21.29 | 0.135 | / | / |
| 10 | 64QAM | 1 | 49 | / | / | 20.99 | 0.126 | / | / |
| 10 | 64QAM | 25 | 0 | / | / | 20.03 | 0.101 | / | / |
| 10 | 64QAM | 25 | 12 | / | / | 20.29 | 0.107 | / | / |
| 10 | 64QAM | 25 | 25 | / | / | 20.12 | 0.103 | / | / |
| 10 | 64QAM | 50 | 0 | / | / | 20.22 | 0.105 | / | / |



| LTE Band 40, Block A | | | | Measured E.I.R.P. | | | | | |
|----------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 38725 | | 38750 | | 38775 | |
| Frequency (MHz) | | | | 2307.5 | | 2310 | | 2312.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 22.05 | 0.160 | 22.08 | 0.161 | 22.03 | 0.160 |
| 5 | QPSK | 1 | 12 | 21.97 | 0.157 | 21.93 | 0.156 | 22.00 | 0.158 |
| 5 | QPSK | 1 | 24 | 21.91 | 0.155 | 21.97 | 0.157 | 21.89 | 0.155 |
| 5 | QPSK | 12 | 0 | 21.03 | 0.127 | 21.02 | 0.126 | 21.00 | 0.126 |
| 5 | QPSK | 12 | 7 | 21.22 | 0.132 | 21.13 | 0.130 | 21.05 | 0.127 |
| 5 | QPSK | 12 | 13 | 21.19 | 0.132 | 21.12 | 0.129 | 21.10 | 0.129 |
| 5 | QPSK | 25 | 0 | 21.28 | 0.134 | 21.18 | 0.131 | 20.86 | 0.122 |
| 5 | 16QAM | 1 | 0 | 21.46 | 0.140 | 21.42 | 0.139 | 21.44 | 0.139 |
| 5 | 16QAM | 1 | 12 | 21.23 | 0.133 | 21.46 | 0.140 | 21.23 | 0.133 |
| 5 | 16QAM | 1 | 24 | 21.34 | 0.136 | 21.37 | 0.137 | 21.09 | 0.129 |
| 5 | 16QAM | 12 | 0 | 20.13 | 0.103 | 20.12 | 0.103 | 20.00 | 0.100 |
| 5 | 16QAM | 12 | 7 | 20.20 | 0.105 | 20.01 | 0.100 | 19.99 | 0.100 |
| 5 | 16QAM | 12 | 13 | 20.19 | 0.104 | 20.20 | 0.105 | 19.97 | 0.099 |
| 5 | 16QAM | 25 | 0 | 20.05 | 0.101 | 20.12 | 0.103 | 19.92 | 0.098 |
| 5 | 64QAM | 1 | 0 | 21.20 | 0.132 | 21.12 | 0.129 | 21.00 | 0.126 |
| 5 | 64QAM | 1 | 12 | 21.26 | 0.134 | 21.15 | 0.130 | 20.94 | 0.124 |
| 5 | 64QAM | 1 | 24 | 20.95 | 0.124 | 21.21 | 0.132 | 21.13 | 0.130 |
| 5 | 64QAM | 12 | 0 | 20.10 | 0.102 | 20.20 | 0.105 | 19.98 | 0.100 |
| 5 | 64QAM | 12 | 7 | 20.25 | 0.106 | 20.05 | 0.101 | 20.10 | 0.102 |
| 5 | 64QAM | 12 | 13 | 20.12 | 0.103 | 20.14 | 0.103 | 20.13 | 0.103 |
| 5 | 64QAM | 25 | 0 | 20.11 | 0.103 | 20.16 | 0.104 | 19.97 | 0.099 |



| LTE Band 40, Block B | | | | Measured E.I.R.P. | | | | | |
|----------------------|------------|---------|-----------|-------------------|---|--------------------|-------|------------------|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | / | | 39200 | | / | |
| Frequency (MHz) | | | | / | | 2355 | | / | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | / | / | 22.08 | 0.161 | / | / |
| 10 | QPSK | 1 | 25 | / | / | 22.01 | 0.159 | / | / |
| 10 | QPSK | 1 | 49 | / | / | 21.92 | 0.156 | / | / |
| 10 | QPSK | 25 | 0 | / | / | 20.88 | 0.122 | / | / |
| 10 | QPSK | 25 | 12 | / | / | 20.83 | 0.121 | / | / |
| 10 | QPSK | 25 | 25 | / | / | 20.80 | 0.120 | / | / |
| 10 | QPSK | 50 | 0 | / | / | 20.86 | 0.122 | / | / |
| 10 | 16QAM | 1 | 0 | / | / | 21.35 | 0.136 | / | / |
| 10 | 16QAM | 1 | 25 | / | / | 21.28 | 0.134 | / | / |
| 10 | 16QAM | 1 | 49 | / | / | 21.10 | 0.129 | / | / |
| 10 | 16QAM | 25 | 0 | / | / | 20.06 | 0.101 | / | / |
| 10 | 16QAM | 25 | 12 | / | / | 20.07 | 0.102 | / | / |
| 10 | 16QAM | 25 | 25 | / | / | 19.98 | 0.100 | / | / |
| 10 | 16QAM | 50 | 0 | / | / | 19.93 | 0.098 | / | / |
| 10 | 64QAM | 1 | 0 | / | / | 20.99 | 0.126 | / | / |
| 10 | 64QAM | 1 | 25 | / | / | 20.93 | 0.124 | / | / |
| 10 | 64QAM | 1 | 49 | / | / | 21.08 | 0.128 | / | / |
| 10 | 64QAM | 25 | 0 | / | / | 20.11 | 0.103 | / | / |
| 10 | 64QAM | 25 | 12 | / | / | 20.09 | 0.102 | / | / |
| 10 | 64QAM | 25 | 25 | / | / | 20.02 | 0.100 | / | / |
| 10 | 64QAM | 50 | 0 | / | / | 19.96 | 0.099 | / | / |



| LTE Band 40, Block B | | | | Measured E.I.R.P. | | | | | |
|----------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39175 | | 39200 | | 39225 | |
| Frequency (MHz) | | | | 2352.5 | | 2355 | | 2357.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 22.00 | 0.158 | 22.06 | 0.161 | 22.03 | 0.160 |
| 5 | QPSK | 1 | 12 | 21.95 | 0.157 | 21.94 | 0.156 | 21.98 | 0.158 |
| 5 | QPSK | 1 | 24 | 21.89 | 0.155 | 21.96 | 0.157 | 21.89 | 0.155 |
| 5 | QPSK | 12 | 0 | 21.07 | 0.128 | 21.06 | 0.128 | 21.02 | 0.126 |
| 5 | QPSK | 12 | 7 | 21.12 | 0.129 | 21.09 | 0.129 | 21.12 | 0.129 |
| 5 | QPSK | 12 | 13 | 21.14 | 0.130 | 21.10 | 0.129 | 21.04 | 0.127 |
| 5 | QPSK | 25 | 0 | 21.26 | 0.134 | 21.17 | 0.131 | 20.87 | 0.122 |
| 5 | 16QAM | 1 | 0 | 21.45 | 0.140 | 21.36 | 0.137 | 21.38 | 0.137 |
| 5 | 16QAM | 1 | 12 | 21.20 | 0.132 | 21.40 | 0.138 | 21.23 | 0.133 |
| 5 | 16QAM | 1 | 24 | 21.35 | 0.136 | 21.39 | 0.138 | 21.07 | 0.128 |
| 5 | 16QAM | 12 | 0 | 20.14 | 0.103 | 20.09 | 0.102 | 19.99 | 0.100 |
| 5 | 16QAM | 12 | 7 | 20.19 | 0.104 | 20.00 | 0.100 | 20.09 | 0.102 |
| 5 | 16QAM | 12 | 13 | 20.19 | 0.104 | 20.12 | 0.103 | 20.08 | 0.102 |
| 5 | 16QAM | 25 | 0 | 20.09 | 0.102 | 20.19 | 0.104 | 19.99 | 0.100 |
| 5 | 64QAM | 1 | 0 | 21.27 | 0.134 | 21.21 | 0.132 | 20.93 | 0.124 |
| 5 | 64QAM | 1 | 12 | 21.31 | 0.135 | 21.06 | 0.128 | 20.92 | 0.124 |
| 5 | 64QAM | 1 | 24 | 20.92 | 0.124 | 21.36 | 0.137 | 21.12 | 0.129 |
| 5 | 64QAM | 12 | 0 | 20.01 | 0.100 | 20.25 | 0.106 | 19.97 | 0.099 |
| 5 | 64QAM | 12 | 7 | 20.18 | 0.104 | 20.11 | 0.103 | 20.09 | 0.102 |
| 5 | 64QAM | 12 | 13 | 20.15 | 0.104 | 20.24 | 0.106 | 20.11 | 0.103 |
| 5 | 64QAM | 25 | 0 | 20.19 | 0.104 | 20.07 | 0.102 | 19.95 | 0.099 |



| LTE Band 41 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39750 | | 40620 | | 41490 | |
| Frequency (MHz) | | | | 2506 | | 2593 | | 2680 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 21.42 | 0.139 | 21.61 | 0.145 | 21.46 | 0.140 |
| 20 | QPSK | 1 | 49 | 21.41 | 0.138 | 21.45 | 0.140 | 21.45 | 0.140 |
| 20 | QPSK | 1 | 99 | 21.40 | 0.138 | 21.40 | 0.138 | 21.45 | 0.140 |
| 20 | QPSK | 50 | 0 | 20.45 | 0.111 | 20.63 | 0.116 | 20.56 | 0.114 |
| 20 | QPSK | 50 | 24 | 20.58 | 0.114 | 20.60 | 0.115 | 20.55 | 0.114 |
| 20 | QPSK | 50 | 50 | 20.55 | 0.114 | 20.59 | 0.115 | 20.49 | 0.112 |
| 20 | QPSK | 100 | 0 | 20.59 | 0.115 | 20.60 | 0.115 | 20.56 | 0.114 |
| 20 | 16QAM | 1 | 0 | 20.88 | 0.122 | 20.97 | 0.125 | 20.84 | 0.121 |
| 20 | 16QAM | 1 | 49 | 20.70 | 0.117 | 20.95 | 0.124 | 20.70 | 0.117 |
| 20 | 16QAM | 1 | 99 | 20.66 | 0.116 | 20.89 | 0.123 | 20.55 | 0.114 |
| 20 | 16QAM | 50 | 0 | 19.55 | 0.090 | 19.76 | 0.095 | 19.48 | 0.089 |
| 20 | 16QAM | 50 | 24 | 19.54 | 0.090 | 19.61 | 0.091 | 19.47 | 0.089 |
| 20 | 16QAM | 50 | 50 | 19.51 | 0.089 | 19.63 | 0.092 | 19.55 | 0.090 |
| 20 | 16QAM | 100 | 0 | 19.54 | 0.090 | 19.60 | 0.091 | 19.56 | 0.090 |
| 20 | 64QAM | 1 | 0 | 20.60 | 0.115 | 20.85 | 0.122 | 20.54 | 0.113 |
| 20 | 64QAM | 1 | 49 | 20.63 | 0.116 | 20.60 | 0.115 | 20.62 | 0.115 |
| 20 | 64QAM | 1 | 99 | 20.52 | 0.113 | 20.70 | 0.117 | 20.44 | 0.111 |
| 20 | 64QAM | 50 | 0 | 19.52 | 0.090 | 19.67 | 0.093 | 19.61 | 0.091 |
| 20 | 64QAM | 50 | 24 | 19.56 | 0.090 | 19.63 | 0.092 | 19.65 | 0.092 |
| 20 | 64QAM | 50 | 50 | 19.53 | 0.090 | 19.62 | 0.092 | 19.53 | 0.090 |
| 20 | 64QAM | 100 | 0 | 19.59 | 0.091 | 19.57 | 0.091 | 19.59 | 0.091 |



| LTE Band 41 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39725 | | 40620 | | 41515 | |
| Frequency (MHz) | | | | 2503.5 | | 2593 | | 2682.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 21.43 | 0.139 | 21.52 | 0.142 | 21.41 | 0.138 |
| 15 | QPSK | 1 | 37 | 21.52 | 0.142 | 21.38 | 0.137 | 21.42 | 0.139 |
| 15 | QPSK | 1 | 74 | 21.40 | 0.138 | 21.38 | 0.137 | 21.46 | 0.140 |
| 15 | QPSK | 36 | 0 | 20.44 | 0.111 | 20.57 | 0.114 | 20.48 | 0.112 |
| 15 | QPSK | 36 | 20 | 20.59 | 0.115 | 20.56 | 0.114 | 20.61 | 0.115 |
| 15 | QPSK | 36 | 39 | 20.63 | 0.116 | 20.65 | 0.116 | 20.58 | 0.114 |
| 15 | QPSK | 75 | 0 | 20.36 | 0.109 | 20.62 | 0.115 | 20.44 | 0.111 |
| 15 | 16QAM | 1 | 0 | 20.79 | 0.120 | 20.89 | 0.123 | 20.85 | 0.122 |
| 15 | 16QAM | 1 | 37 | 20.76 | 0.119 | 20.92 | 0.124 | 20.73 | 0.118 |
| 15 | 16QAM | 1 | 74 | 20.52 | 0.113 | 20.97 | 0.125 | 20.65 | 0.116 |
| 15 | 16QAM | 36 | 0 | 19.57 | 0.091 | 19.59 | 0.091 | 19.57 | 0.091 |
| 15 | 16QAM | 36 | 20 | 19.53 | 0.090 | 19.60 | 0.091 | 19.60 | 0.091 |
| 15 | 16QAM | 36 | 39 | 19.54 | 0.090 | 19.60 | 0.091 | 19.50 | 0.089 |
| 15 | 16QAM | 75 | 0 | 19.48 | 0.089 | 19.63 | 0.092 | 19.52 | 0.090 |
| 15 | 64QAM | 1 | 0 | 20.42 | 0.110 | 20.92 | 0.124 | 20.50 | 0.112 |
| 15 | 64QAM | 1 | 37 | 20.49 | 0.112 | 20.58 | 0.114 | 20.51 | 0.112 |
| 15 | 64QAM | 1 | 74 | 20.59 | 0.115 | 20.85 | 0.122 | 20.61 | 0.115 |
| 15 | 64QAM | 36 | 0 | 19.56 | 0.090 | 19.69 | 0.093 | 19.51 | 0.089 |
| 15 | 64QAM | 36 | 20 | 19.56 | 0.090 | 19.56 | 0.090 | 19.50 | 0.089 |
| 15 | 64QAM | 36 | 39 | 19.49 | 0.089 | 19.60 | 0.091 | 19.57 | 0.091 |
| 15 | 64QAM | 75 | 0 | 19.53 | 0.090 | 19.64 | 0.092 | 19.41 | 0.087 |



| LTE Band 41 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39700 | | 40620 | | 41540 | |
| Frequency (MHz) | | | | 2501 | | 2593 | | 2685 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 21.47 | 0.140 | 21.56 | 0.143 | 21.47 | 0.140 |
| 10 | QPSK | 1 | 25 | 21.34 | 0.136 | 21.40 | 0.138 | 21.42 | 0.139 |
| 10 | QPSK | 1 | 49 | 21.42 | 0.139 | 21.38 | 0.137 | 21.45 | 0.140 |
| 10 | QPSK | 25 | 0 | 20.49 | 0.112 | 20.54 | 0.113 | 20.61 | 0.115 |
| 10 | QPSK | 25 | 12 | 20.75 | 0.119 | 20.63 | 0.116 | 20.74 | 0.119 |
| 10 | QPSK | 25 | 25 | 20.69 | 0.117 | 20.60 | 0.115 | 20.64 | 0.116 |
| 10 | QPSK | 50 | 0 | 20.69 | 0.117 | 20.60 | 0.115 | 20.65 | 0.116 |
| 10 | 16QAM | 1 | 0 | 20.82 | 0.121 | 20.95 | 0.124 | 20.85 | 0.122 |
| 10 | 16QAM | 1 | 25 | 20.69 | 0.117 | 20.92 | 0.124 | 20.67 | 0.117 |
| 10 | 16QAM | 1 | 49 | 20.81 | 0.121 | 20.85 | 0.122 | 20.80 | 0.120 |
| 10 | 16QAM | 25 | 0 | 19.55 | 0.090 | 19.62 | 0.092 | 19.66 | 0.092 |
| 10 | 16QAM | 25 | 12 | 19.65 | 0.092 | 19.64 | 0.092 | 19.73 | 0.094 |
| 10 | 16QAM | 25 | 25 | 19.74 | 0.094 | 19.68 | 0.093 | 19.68 | 0.093 |
| 10 | 16QAM | 50 | 0 | 19.56 | 0.090 | 19.65 | 0.092 | 19.61 | 0.091 |
| 10 | 64QAM | 1 | 0 | 20.48 | 0.112 | 20.65 | 0.116 | 20.45 | 0.111 |
| 10 | 64QAM | 1 | 25 | 20.42 | 0.110 | 20.59 | 0.115 | 20.45 | 0.111 |
| 10 | 64QAM | 1 | 49 | 20.54 | 0.113 | 20.78 | 0.120 | 20.51 | 0.112 |
| 10 | 64QAM | 25 | 0 | 19.52 | 0.090 | 19.62 | 0.092 | 19.57 | 0.091 |
| 10 | 64QAM | 25 | 12 | 19.60 | 0.091 | 19.60 | 0.091 | 19.59 | 0.091 |
| 10 | 64QAM | 25 | 25 | 19.50 | 0.089 | 19.64 | 0.092 | 19.62 | 0.092 |
| 10 | 64QAM | 50 | 0 | 19.41 | 0.087 | 19.55 | 0.090 | 19.40 | 0.087 |



| LTE Band 41 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39675 | | 40620 | | 41565 | |
| Frequency (MHz) | | | | 2498.5 | | 2593 | | 2687.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 21.47 | 0.140 | 21.56 | 0.143 | 21.48 | 0.141 |
| 5 | QPSK | 1 | 12 | 21.44 | 0.139 | 21.33 | 0.136 | 21.52 | 0.142 |
| 5 | QPSK | 1 | 24 | 21.43 | 0.139 | 21.42 | 0.139 | 21.46 | 0.140 |
| 5 | QPSK | 12 | 0 | 20.51 | 0.112 | 20.55 | 0.114 | 20.41 | 0.110 |
| 5 | QPSK | 12 | 7 | 20.58 | 0.114 | 20.55 | 0.114 | 20.61 | 0.115 |
| 5 | QPSK | 12 | 13 | 20.53 | 0.113 | 20.60 | 0.115 | 20.55 | 0.114 |
| 5 | QPSK | 25 | 0 | 20.44 | 0.111 | 20.67 | 0.117 | 20.41 | 0.110 |
| 5 | 16QAM | 1 | 0 | 20.79 | 0.120 | 20.97 | 0.125 | 20.81 | 0.121 |
| 5 | 16QAM | 1 | 12 | 20.68 | 0.117 | 20.81 | 0.121 | 20.73 | 0.118 |
| 5 | 16QAM | 1 | 24 | 20.53 | 0.113 | 20.78 | 0.120 | 20.60 | 0.115 |
| 5 | 16QAM | 12 | 0 | 19.51 | 0.089 | 19.55 | 0.090 | 19.62 | 0.092 |
| 5 | 16QAM | 12 | 7 | 19.59 | 0.091 | 19.54 | 0.090 | 19.58 | 0.091 |
| 5 | 16QAM | 12 | 13 | 19.59 | 0.091 | 19.57 | 0.091 | 19.48 | 0.089 |
| 5 | 16QAM | 25 | 0 | 19.48 | 0.089 | 19.63 | 0.092 | 19.48 | 0.089 |
| 5 | 64QAM | 1 | 0 | 20.51 | 0.112 | 20.69 | 0.117 | 20.52 | 0.113 |
| 5 | 64QAM | 1 | 12 | 20.50 | 0.112 | 20.66 | 0.116 | 20.48 | 0.112 |
| 5 | 64QAM | 1 | 24 | 20.54 | 0.113 | 20.83 | 0.121 | 20.56 | 0.114 |
| 5 | 64QAM | 12 | 0 | 19.48 | 0.089 | 19.74 | 0.094 | 19.58 | 0.091 |
| 5 | 64QAM | 12 | 7 | 19.54 | 0.090 | 19.59 | 0.091 | 19.57 | 0.091 |
| 5 | 64QAM | 12 | 13 | 19.59 | 0.091 | 19.60 | 0.091 | 19.57 | 0.091 |
| 5 | 64QAM | 25 | 0 | 19.52 | 0.090 | 19.61 | 0.091 | 19.53 | 0.090 |



| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 132072 | | 132322 | | 132572 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 21.57 | 0.144 | 21.76 | 0.150 | 21.71 | 0.148 |
| 20 | QPSK | 1 | 49 | 21.60 | 0.145 | 21.41 | 0.138 | 21.65 | 0.146 |
| 20 | QPSK | 1 | 99 | 21.51 | 0.142 | 21.57 | 0.144 | 21.65 | 0.146 |
| 20 | QPSK | 50 | 0 | 20.55 | 0.114 | 20.60 | 0.115 | 20.53 | 0.113 |
| 20 | QPSK | 50 | 24 | 20.57 | 0.114 | 20.53 | 0.113 | 20.59 | 0.115 |
| 20 | QPSK | 50 | 50 | 20.52 | 0.113 | 20.56 | 0.114 | 20.52 | 0.113 |
| 20 | QPSK | 100 | 0 | 20.56 | 0.114 | 20.58 | 0.114 | 20.57 | 0.114 |
| 20 | 16QAM | 1 | 0 | 20.77 | 0.119 | 20.68 | 0.117 | 20.80 | 0.120 |
| 20 | 16QAM | 1 | 49 | 20.78 | 0.120 | 20.90 | 0.123 | 20.50 | 0.112 |
| 20 | 16QAM | 1 | 99 | 20.74 | 0.119 | 20.67 | 0.117 | 20.53 | 0.113 |
| 20 | 16QAM | 50 | 0 | 19.60 | 0.091 | 19.68 | 0.093 | 19.65 | 0.092 |
| 20 | 16QAM | 50 | 24 | 19.76 | 0.095 | 19.81 | 0.096 | 19.65 | 0.092 |
| 20 | 16QAM | 50 | 50 | 19.70 | 0.093 | 19.53 | 0.090 | 19.82 | 0.096 |
| 20 | 16QAM | 100 | 0 | 19.53 | 0.090 | 19.73 | 0.094 | 19.78 | 0.095 |
| 20 | 64QAM | 1 | 0 | 20.74 | 0.119 | 20.82 | 0.121 | 20.64 | 0.116 |
| 20 | 64QAM | 1 | 49 | 20.65 | 0.116 | 20.79 | 0.120 | 20.42 | 0.110 |
| 20 | 64QAM | 1 | 99 | 20.64 | 0.116 | 20.77 | 0.119 | 20.58 | 0.114 |
| 20 | 64QAM | 50 | 0 | 19.68 | 0.093 | 19.72 | 0.094 | 19.63 | 0.092 |
| 20 | 64QAM | 50 | 24 | 19.58 | 0.091 | 19.75 | 0.094 | 19.79 | 0.095 |
| 20 | 64QAM | 50 | 50 | 19.77 | 0.095 | 19.70 | 0.093 | 19.59 | 0.091 |
| 20 | 64QAM | 100 | 0 | 19.57 | 0.091 | 19.90 | 0.098 | 19.74 | 0.094 |



| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 132047 | | 132322 | | 132597 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 21.49 | 0.141 | 21.70 | 0.148 | 21.64 | 0.146 |
| 15 | QPSK | 1 | 37 | 21.56 | 0.143 | 21.39 | 0.138 | 21.56 | 0.143 |
| 15 | QPSK | 1 | 74 | 21.51 | 0.142 | 21.57 | 0.144 | 21.59 | 0.144 |
| 15 | QPSK | 36 | 0 | 20.59 | 0.115 | 20.51 | 0.112 | 20.67 | 0.117 |
| 15 | QPSK | 36 | 20 | 20.59 | 0.115 | 20.66 | 0.116 | 20.53 | 0.113 |
| 15 | QPSK | 36 | 39 | 20.70 | 0.117 | 20.75 | 0.119 | 20.66 | 0.116 |
| 15 | QPSK | 75 | 0 | 20.70 | 0.117 | 20.65 | 0.116 | 20.63 | 0.116 |
| 15 | 16QAM | 1 | 0 | 20.75 | 0.119 | 20.69 | 0.117 | 20.81 | 0.121 |
| 15 | 16QAM | 1 | 37 | 20.72 | 0.118 | 20.80 | 0.120 | 20.51 | 0.112 |
| 15 | 16QAM | 1 | 74 | 20.76 | 0.119 | 20.57 | 0.114 | 20.51 | 0.112 |
| 15 | 16QAM | 36 | 0 | 19.64 | 0.092 | 19.63 | 0.092 | 19.66 | 0.092 |
| 15 | 16QAM | 36 | 20 | 19.76 | 0.095 | 19.76 | 0.095 | 19.60 | 0.091 |
| 15 | 16QAM | 36 | 39 | 19.71 | 0.094 | 19.57 | 0.091 | 19.76 | 0.095 |
| 15 | 16QAM | 75 | 0 | 19.45 | 0.088 | 19.77 | 0.095 | 19.68 | 0.093 |
| 15 | 64QAM | 1 | 0 | 20.73 | 0.118 | 20.85 | 0.122 | 20.54 | 0.113 |
| 15 | 64QAM | 1 | 37 | 20.57 | 0.114 | 20.73 | 0.118 | 20.42 | 0.110 |
| 15 | 64QAM | 1 | 74 | 20.58 | 0.114 | 20.74 | 0.119 | 20.60 | 0.115 |
| 15 | 64QAM | 36 | 0 | 19.58 | 0.091 | 19.69 | 0.093 | 19.64 | 0.092 |
| 15 | 64QAM | 36 | 20 | 19.53 | 0.090 | 19.70 | 0.093 | 19.75 | 0.094 |
| 15 | 64QAM | 36 | 39 | 19.73 | 0.094 | 19.69 | 0.093 | 19.54 | 0.090 |
| 15 | 64QAM | 75 | 0 | 19.59 | 0.091 | 19.89 | 0.097 | 19.71 | 0.094 |



| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 132022 | | 132322 | | 132622 | |
| Frequency (MHz) | | | | 1715 | | 1745 | | 1775 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 21.54 | 0.143 | 21.65 | 0.146 | 21.61 | 0.145 |
| 10 | QPSK | 1 | 25 | 21.54 | 0.143 | 21.39 | 0.138 | 21.57 | 0.144 |
| 10 | QPSK | 1 | 49 | 21.48 | 0.141 | 21.47 | 0.140 | 21.55 | 0.143 |
| 10 | QPSK | 25 | 0 | 20.57 | 0.114 | 20.58 | 0.114 | 20.76 | 0.119 |
| 10 | QPSK | 25 | 12 | 20.57 | 0.114 | 20.60 | 0.115 | 20.64 | 0.116 |
| 10 | QPSK | 25 | 25 | 20.63 | 0.116 | 20.74 | 0.119 | 20.71 | 0.118 |
| 10 | QPSK | 50 | 0 | 20.59 | 0.115 | 20.53 | 0.113 | 20.60 | 0.115 |
| 10 | 16QAM | 1 | 0 | 20.75 | 0.119 | 20.67 | 0.117 | 20.74 | 0.119 |
| 10 | 16QAM | 1 | 25 | 20.81 | 0.121 | 20.89 | 0.123 | 20.46 | 0.111 |
| 10 | 16QAM | 1 | 49 | 20.78 | 0.120 | 20.63 | 0.116 | 20.56 | 0.114 |
| 10 | 16QAM | 25 | 0 | 19.55 | 0.090 | 19.61 | 0.091 | 19.61 | 0.091 |
| 10 | 16QAM | 25 | 12 | 19.79 | 0.095 | 19.81 | 0.096 | 19.64 | 0.092 |
| 10 | 16QAM | 25 | 25 | 19.71 | 0.094 | 19.51 | 0.089 | 19.80 | 0.095 |
| 10 | 16QAM | 50 | 0 | 19.45 | 0.088 | 19.69 | 0.093 | 19.82 | 0.096 |
| 10 | 64QAM | 1 | 0 | 20.64 | 0.116 | 20.92 | 0.124 | 20.68 | 0.117 |
| 10 | 64QAM | 1 | 25 | 20.61 | 0.115 | 20.71 | 0.118 | 20.47 | 0.111 |
| 10 | 64QAM | 1 | 49 | 20.57 | 0.114 | 20.68 | 0.117 | 20.53 | 0.113 |
| 10 | 64QAM | 25 | 0 | 19.58 | 0.091 | 19.72 | 0.094 | 19.60 | 0.091 |
| 10 | 64QAM | 25 | 12 | 19.60 | 0.091 | 19.71 | 0.094 | 19.74 | 0.094 |
| 10 | 64QAM | 25 | 25 | 19.73 | 0.094 | 19.64 | 0.092 | 19.52 | 0.090 |
| 10 | 64QAM | 50 | 0 | 19.47 | 0.089 | 19.81 | 0.096 | 19.66 | 0.092 |



| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 131997 | | 132322 | | 132647 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 21.50 | 0.141 | 21.68 | 0.147 | 21.70 | 0.148 |
| 5 | QPSK | 1 | 12 | 21.56 | 0.143 | 21.44 | 0.139 | 21.65 | 0.146 |
| 5 | QPSK | 1 | 24 | 21.54 | 0.143 | 21.57 | 0.144 | 21.60 | 0.145 |
| 5 | QPSK | 12 | 0 | 20.62 | 0.115 | 20.64 | 0.116 | 20.74 | 0.119 |
| 5 | QPSK | 12 | 7 | 20.59 | 0.115 | 20.68 | 0.117 | 20.55 | 0.114 |
| 5 | QPSK | 12 | 13 | 20.73 | 0.118 | 20.74 | 0.119 | 20.62 | 0.115 |
| 5 | QPSK | 25 | 0 | 20.68 | 0.117 | 20.65 | 0.116 | 20.64 | 0.116 |
| 5 | 16QAM | 1 | 0 | 20.79 | 0.120 | 20.61 | 0.115 | 20.74 | 0.119 |
| 5 | 16QAM | 1 | 12 | 20.76 | 0.119 | 20.80 | 0.120 | 20.51 | 0.112 |
| 5 | 16QAM | 1 | 24 | 20.69 | 0.117 | 20.67 | 0.117 | 20.57 | 0.114 |
| 5 | 16QAM | 12 | 0 | 19.50 | 0.089 | 19.66 | 0.092 | 19.68 | 0.093 |
| 5 | 16QAM | 12 | 7 | 19.75 | 0.094 | 19.72 | 0.094 | 19.55 | 0.090 |
| 5 | 16QAM | 12 | 13 | 19.63 | 0.092 | 19.54 | 0.090 | 19.84 | 0.096 |
| 5 | 16QAM | 25 | 0 | 19.57 | 0.091 | 19.73 | 0.094 | 19.79 | 0.095 |
| 5 | 64QAM | 1 | 0 | 20.70 | 0.117 | 20.85 | 0.122 | 20.68 | 0.117 |
| 5 | 64QAM | 1 | 12 | 20.68 | 0.117 | 20.73 | 0.118 | 20.45 | 0.111 |
| 5 | 64QAM | 1 | 24 | 20.61 | 0.115 | 20.69 | 0.117 | 20.56 | 0.114 |
| 5 | 64QAM | 12 | 0 | 19.65 | 0.092 | 19.66 | 0.092 | 19.62 | 0.092 |
| 5 | 64QAM | 12 | 7 | 19.50 | 0.089 | 19.77 | 0.095 | 19.72 | 0.094 |
| 5 | 64QAM | 12 | 13 | 19.70 | 0.093 | 19.60 | 0.091 | 19.49 | 0.089 |
| 5 | 64QAM | 25 | 0 | 19.51 | 0.089 | 19.93 | 0.098 | 19.65 | 0.092 |



| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 131987 | | 132322 | | 132657 | |
| Frequency (MHz) | | | | 1711.5 | | 1745 | | 1778.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 3 | QPSK | 1 | 0 | 21.49 | 0.141 | 21.62 | 0.145 | 21.67 | 0.147 |
| 3 | QPSK | 1 | 8 | 21.58 | 0.144 | 21.36 | 0.137 | 21.69 | 0.148 |
| 3 | QPSK | 1 | 14 | 21.53 | 0.142 | 21.48 | 0.141 | 21.61 | 0.145 |
| 3 | QPSK | 8 | 0 | 20.59 | 0.115 | 20.55 | 0.114 | 20.75 | 0.119 |
| 3 | QPSK | 8 | 4 | 20.63 | 0.116 | 20.66 | 0.116 | 20.51 | 0.112 |
| 3 | QPSK | 8 | 7 | 20.63 | 0.116 | 20.68 | 0.117 | 20.67 | 0.117 |
| 3 | QPSK | 15 | 0 | 20.63 | 0.116 | 20.63 | 0.116 | 20.59 | 0.115 |
| 3 | 16QAM | 1 | 0 | 20.73 | 0.118 | 20.60 | 0.115 | 20.73 | 0.118 |
| 3 | 16QAM | 1 | 8 | 20.72 | 0.118 | 20.82 | 0.121 | 20.48 | 0.112 |
| 3 | 16QAM | 1 | 14 | 20.71 | 0.118 | 20.58 | 0.114 | 20.49 | 0.112 |
| 3 | 16QAM | 8 | 0 | 19.63 | 0.092 | 19.68 | 0.093 | 19.59 | 0.091 |
| 3 | 16QAM | 8 | 4 | 19.76 | 0.095 | 19.80 | 0.095 | 19.62 | 0.092 |
| 3 | 16QAM | 8 | 7 | 19.60 | 0.091 | 19.46 | 0.088 | 19.80 | 0.095 |
| 3 | 16QAM | 15 | 0 | 19.49 | 0.089 | 19.69 | 0.093 | 19.75 | 0.094 |
| 3 | 64QAM | 1 | 0 | 20.76 | 0.119 | 20.93 | 0.124 | 20.58 | 0.114 |
| 3 | 64QAM | 1 | 8 | 20.64 | 0.116 | 20.74 | 0.119 | 20.48 | 0.112 |
| 3 | 64QAM | 1 | 14 | 20.62 | 0.115 | 20.80 | 0.120 | 20.49 | 0.112 |
| 3 | 64QAM | 8 | 0 | 19.63 | 0.092 | 19.70 | 0.093 | 19.61 | 0.091 |
| 3 | 64QAM | 8 | 4 | 19.51 | 0.089 | 19.74 | 0.094 | 19.70 | 0.093 |
| 3 | 64QAM | 8 | 7 | 19.68 | 0.093 | 19.66 | 0.092 | 19.63 | 0.092 |
| 3 | 64QAM | 15 | 0 | 19.60 | 0.091 | 19.92 | 0.098 | 19.65 | 0.092 |



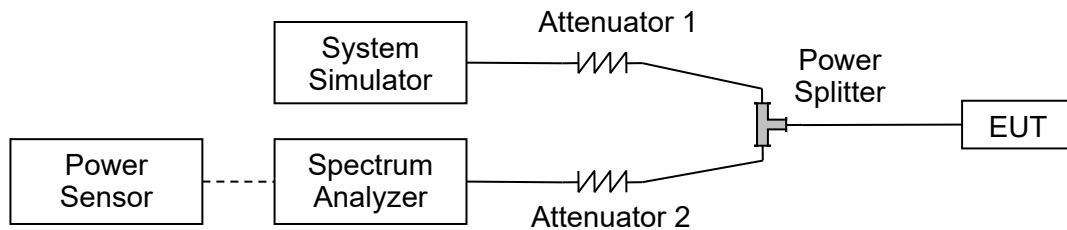
| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 131979 | | 132322 | | 132665 | |
| Frequency (MHz) | | | | 1710.7 | | 1745 | | 1779.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 21.54 | 0.143 | 21.69 | 0.148 | 21.72 | 0.149 |
| 1.4 | QPSK | 1 | 3 | 21.55 | 0.143 | 21.40 | 0.138 | 21.66 | 0.147 |
| 1.4 | QPSK | 1 | 5 | 21.48 | 0.141 | 21.56 | 0.143 | 21.64 | 0.146 |
| 1.4 | QPSK | 3 | 0 | 20.61 | 0.115 | 20.63 | 0.116 | 20.70 | 0.117 |
| 1.4 | QPSK | 3 | 1 | 20.57 | 0.114 | 20.70 | 0.117 | 20.50 | 0.112 |
| 1.4 | QPSK | 3 | 3 | 20.62 | 0.115 | 20.80 | 0.120 | 20.64 | 0.116 |
| 1.4 | QPSK | 6 | 0 | 20.65 | 0.116 | 20.65 | 0.116 | 20.67 | 0.117 |
| 1.4 | 16QAM | 1 | 0 | 20.78 | 0.120 | 20.63 | 0.116 | 20.82 | 0.121 |
| 1.4 | 16QAM | 1 | 3 | 20.74 | 0.119 | 20.81 | 0.121 | 20.51 | 0.112 |
| 1.4 | 16QAM | 1 | 5 | 20.74 | 0.119 | 20.62 | 0.115 | 20.57 | 0.114 |
| 1.4 | 16QAM | 3 | 0 | 19.57 | 0.091 | 19.64 | 0.092 | 19.64 | 0.092 |
| 1.4 | 16QAM | 3 | 1 | 19.78 | 0.095 | 19.71 | 0.094 | 19.60 | 0.091 |
| 1.4 | 16QAM | 3 | 3 | 19.70 | 0.093 | 19.50 | 0.089 | 19.73 | 0.094 |
| 1.4 | 16QAM | 6 | 0 | 19.45 | 0.088 | 19.68 | 0.093 | 19.75 | 0.094 |
| 1.4 | 64QAM | 1 | 0 | 20.64 | 0.116 | 20.87 | 0.122 | 20.59 | 0.115 |
| 1.4 | 64QAM | 1 | 3 | 20.56 | 0.114 | 20.76 | 0.119 | 20.46 | 0.111 |
| 1.4 | 64QAM | 1 | 5 | 20.59 | 0.115 | 20.75 | 0.119 | 20.57 | 0.114 |
| 1.4 | 64QAM | 3 | 0 | 19.70 | 0.093 | 19.69 | 0.093 | 19.59 | 0.091 |
| 1.4 | 64QAM | 3 | 1 | 19.60 | 0.091 | 19.70 | 0.093 | 19.81 | 0.096 |
| 1.4 | 64QAM | 3 | 3 | 19.69 | 0.093 | 19.73 | 0.094 | 19.60 | 0.091 |
| 1.4 | 64QAM | 6 | 0 | 19.57 | 0.091 | 19.86 | 0.097 | 19.72 | 0.094 |

2.2. Occupied Bandwidth

2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.2.3. Test Procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

2.2.4. Test Result



| LTE Band 2 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.10 | 1.32 |
| | Low | 16QAM | 1.11 | 1.37 |
| | Low | 64QAM | 1.10 | 1.34 |
| | Mid | QPSK | 1.10 | 1.35 |
| | Mid | 16QAM | 1.11 | 1.37 |
| | Mid | 64QAM | 1.11 | 1.36 |
| | High | QPSK | 1.11 | 1.38 |
| | High | 16QAM | 1.11 | 1.35 |
| | High | 64QAM | 1.11 | 1.37 |
| 3 | Low | QPSK | 2.71 | 3.09 |
| | Low | 16QAM | 2.72 | 3.06 |
| | Low | 64QAM | 2.71 | 3.09 |
| | Mid | QPSK | 2.72 | 3.07 |
| | Mid | 16QAM | 2.71 | 3.04 |
| | Mid | 64QAM | 2.72 | 3.07 |
| | High | QPSK | 2.71 | 3.11 |
| | High | 16QAM | 2.71 | 3.05 |
| | High | 64QAM | 2.71 | 3.06 |
| 5 | Low | QPSK | 4.52 | 5.09 |
| | Low | 16QAM | 4.53 | 5.19 |
| | Low | 64QAM | 4.51 | 5.14 |
| | Mid | QPSK | 4.52 | 5.15 |
| | Mid | 16QAM | 4.52 | 5.10 |
| | Mid | 64QAM | 4.51 | 5.08 |
| | High | QPSK | 4.53 | 5.17 |
| | High | 16QAM | 4.52 | 5.15 |
| | High | 64QAM | 4.52 | 5.16 |
| 10 | Low | QPSK | 9.01 | 10.09 |
| | Low | 16QAM | 9.00 | 10.05 |
| | Low | 64QAM | 9.01 | 9.99 |
| | Mid | QPSK | 9.00 | 10.20 |
| | Mid | 16QAM | 9.01 | 9.95 |
| | Mid | 64QAM | 9.00 | 10.12 |
| | High | QPSK | 9.01 | 10.01 |
| | High | 16QAM | 9.03 | 10.08 |
| | High | 64QAM | 9.04 | 10.05 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.49 | 14.94 |
| | Low | 16QAM | 13.46 | 15.04 |
| | Low | 64QAM | 13.53 | 14.90 |
| | Mid | QPSK | 13.48 | 14.78 |
| | Mid | 16QAM | 13.50 | 14.89 |
| | Mid | 64QAM | 13.49 | 14.83 |
| | High | QPSK | 13.52 | 14.98 |
| | High | 16QAM | 13.51 | 14.94 |
| | High | 64QAM | 13.53 | 15.06 |
| 20 | Low | QPSK | 18.00 | 19.77 |
| | Low | 16QAM | 17.96 | 19.72 |
| | Low | 64QAM | 18.02 | 19.70 |
| | Mid | QPSK | 18.00 | 19.82 |
| | Mid | 16QAM | 18.04 | 19.66 |
| | Mid | 64QAM | 18.01 | 19.96 |
| | High | QPSK | 18.02 | 19.81 |
| | High | 16QAM | 18.01 | 19.72 |
| | High | 64QAM | 18.03 | 19.84 |



| LTE Band 4 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.11 | 1.36 |
| | Low | 16QAM | 1.11 | 1.35 |
| | Low | 64QAM | 1.11 | 1.37 |
| | Mid | QPSK | 1.11 | 1.37 |
| | Mid | 16QAM | 1.11 | 1.37 |
| | Mid | 64QAM | 1.11 | 1.34 |
| | High | QPSK | 1.11 | 1.39 |
| | High | 16QAM | 1.12 | 1.35 |
| | High | 64QAM | 1.11 | 1.36 |
| 3 | Low | QPSK | 2.71 | 3.05 |
| | Low | 16QAM | 2.72 | 3.12 |
| | Low | 64QAM | 2.72 | 3.07 |
| | Mid | QPSK | 2.72 | 3.10 |
| | Mid | 16QAM | 2.72 | 3.05 |
| | Mid | 64QAM | 2.72 | 3.07 |
| | High | QPSK | 2.71 | 3.05 |
| | High | 16QAM | 2.72 | 3.08 |
| | High | 64QAM | 2.71 | 3.08 |
| 5 | Low | QPSK | 4.53 | 5.10 |
| | Low | 16QAM | 4.52 | 5.16 |
| | Low | 64QAM | 4.52 | 5.15 |
| | Mid | QPSK | 4.53 | 5.18 |
| | Mid | 16QAM | 4.54 | 5.20 |
| | Mid | 64QAM | 4.53 | 5.10 |
| | High | QPSK | 4.53 | 5.14 |
| | High | 16QAM | 4.52 | 5.25 |
| | High | 64QAM | 4.51 | 5.14 |
| 10 | Low | QPSK | 9.02 | 10.07 |
| | Low | 16QAM | 9.01 | 10.21 |
| | Low | 64QAM | 9.02 | 10.03 |
| | Mid | QPSK | 9.02 | 9.87 |
| | Mid | 16QAM | 9.05 | 9.99 |
| | Mid | 64QAM | 9.03 | 10.16 |
| | High | QPSK | 9.01 | 10.12 |
| | High | 16QAM | 9.01 | 10.03 |
| | High | 64QAM | 9.02 | 10.00 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.51 | 14.91 |
| | Low | 16QAM | 13.51 | 14.87 |
| | Low | 64QAM | 13.47 | 14.95 |
| | Mid | QPSK | 13.52 | 14.93 |
| | Mid | 16QAM | 13.48 | 14.83 |
| | Mid | 64QAM | 13.50 | 14.87 |
| | High | QPSK | 13.52 | 14.92 |
| | High | 16QAM | 13.46 | 15.02 |
| | High | 64QAM | 13.50 | 14.81 |
| 20 | Low | QPSK | 18.01 | 19.80 |
| | Low | 16QAM | 18.00 | 19.75 |
| | Low | 64QAM | 18.00 | 19.55 |
| | Mid | QPSK | 17.99 | 19.68 |
| | Mid | 16QAM | 18.02 | 19.86 |
| | Mid | 64QAM | 18.00 | 19.89 |
| | High | QPSK | 17.98 | 19.71 |
| | High | 16QAM | 17.99 | 19.73 |
| | High | 64QAM | 18.01 | 19.79 |



| LTE Band 5 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.10 | 1.35 |
| | Low | 16QAM | 1.11 | 1.38 |
| | Low | 64QAM | 1.10 | 1.34 |
| | Mid | QPSK | 1.10 | 1.36 |
| | Mid | 16QAM | 1.11 | 1.35 |
| | Mid | 64QAM | 1.10 | 1.36 |
| | High | QPSK | 1.10 | 1.38 |
| | High | 16QAM | 1.11 | 1.37 |
| | High | 64QAM | 1.10 | 1.37 |
| 3 | Low | QPSK | 2.71 | 3.08 |
| | Low | 16QAM | 2.71 | 3.12 |
| | Low | 64QAM | 2.71 | 3.08 |
| | Mid | QPSK | 2.71 | 3.08 |
| | Mid | 16QAM | 2.71 | 3.09 |
| | Mid | 64QAM | 2.71 | 3.06 |
| | High | QPSK | 2.71 | 3.08 |
| | High | 16QAM | 2.71 | 3.08 |
| | High | 64QAM | 2.72 | 3.06 |
| 5 | Low | QPSK | 4.51 | 5.09 |
| | Low | 16QAM | 4.52 | 5.15 |
| | Low | 64QAM | 4.51 | 5.11 |
| | Mid | QPSK | 4.53 | 5.14 |
| | Mid | 16QAM | 4.51 | 5.11 |
| | Mid | 64QAM | 4.53 | 5.15 |
| | High | QPSK | 4.53 | 5.21 |
| | High | 16QAM | 4.51 | 5.11 |
| | High | 64QAM | 4.51 | 5.17 |
| 10 | Low | QPSK | 8.98 | 9.97 |
| | Low | 16QAM | 8.99 | 10.02 |
| | Low | 64QAM | 8.99 | 9.94 |
| | Mid | QPSK | 8.98 | 10.13 |
| | Mid | 16QAM | 9.01 | 10.10 |
| | Mid | 64QAM | 9.00 | 10.04 |
| | High | QPSK | 9.01 | 10.12 |
| | High | 16QAM | 9.00 | 10.00 |
| | High | 64QAM | 8.97 | 9.93 |



| LTE Band 7 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.52 | 5.15 |
| | Low | 16QAM | 4.51 | 5.17 |
| | Low | 64QAM | 4.52 | 5.16 |
| | Mid | QPSK | 4.52 | 5.21 |
| | Mid | 16QAM | 4.51 | 5.10 |
| | Mid | 64QAM | 4.52 | 5.07 |
| | High | QPSK | 4.52 | 5.18 |
| | High | 16QAM | 4.52 | 5.13 |
| | High | 64QAM | 4.52 | 5.23 |
| 10 | Low | QPSK | 9.01 | 10.26 |
| | Low | 16QAM | 9.04 | 10.07 |
| | Low | 64QAM | 9.01 | 10.02 |
| | Mid | QPSK | 9.01 | 10.00 |
| | Mid | 16QAM | 9.01 | 10.03 |
| | Mid | 64QAM | 9.01 | 10.01 |
| | High | QPSK | 8.99 | 10.05 |
| | High | 16QAM | 9.02 | 10.16 |
| | High | 64QAM | 9.03 | 10.18 |
| 15 | Low | QPSK | 13.50 | 14.95 |
| | Low | 16QAM | 13.51 | 14.88 |
| | Low | 64QAM | 13.49 | 15.06 |
| | Mid | QPSK | 13.48 | 15.02 |
| | Mid | 16QAM | 13.50 | 14.84 |
| | Mid | 64QAM | 13.52 | 15.04 |
| | High | QPSK | 13.49 | 14.83 |
| | High | 16QAM | 13.50 | 14.90 |
| | High | 64QAM | 13.47 | 14.92 |
| 20 | Low | QPSK | 17.98 | 20.11 |
| | Low | 16QAM | 18.05 | 20.08 |
| | Low | 64QAM | 18.02 | 19.90 |
| | Mid | QPSK | 17.99 | 19.81 |
| | Mid | 16QAM | 18.02 | 19.67 |
| | Mid | 64QAM | 18.04 | 19.83 |
| | High | QPSK | 18.00 | 19.77 |
| | High | 16QAM | 18.03 | 19.75 |
| | High | 64QAM | 17.97 | 19.89 |



| LTE Band 12 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.11 | 1.39 |
| | Low | 16QAM | 1.11 | 1.36 |
| | Low | 64QAM | 1.11 | 1.37 |
| | Mid | QPSK | 1.10 | 1.38 |
| | Mid | 16QAM | 1.11 | 1.40 |
| | Mid | 64QAM | 1.10 | 1.35 |
| | High | QPSK | 1.10 | 1.40 |
| | High | 16QAM | 1.11 | 1.35 |
| | High | 64QAM | 1.11 | 1.36 |
| 3 | Low | QPSK | 2.71 | 3.05 |
| | Low | 16QAM | 2.72 | 3.08 |
| | Low | 64QAM | 2.72 | 3.08 |
| | Mid | QPSK | 2.71 | 3.09 |
| | Mid | 16QAM | 2.71 | 3.06 |
| | Mid | 64QAM | 2.72 | 3.05 |
| | High | QPSK | 2.72 | 3.11 |
| | High | 16QAM | 2.72 | 3.05 |
| | High | 64QAM | 2.71 | 3.05 |
| 5 | Low | QPSK | 4.52 | 5.10 |
| | Low | 16QAM | 4.53 | 5.11 |
| | Low | 64QAM | 4.53 | 5.17 |
| | Mid | QPSK | 4.51 | 5.15 |
| | Mid | 16QAM | 4.52 | 5.09 |
| | Mid | 64QAM | 4.51 | 5.11 |
| | High | QPSK | 4.52 | 5.15 |
| | High | 16QAM | 4.52 | 5.15 |
| | High | 64QAM | 4.51 | 5.13 |
| 10 | Low | QPSK | 9.01 | 10.14 |
| | Low | 16QAM | 8.99 | 10.01 |
| | Low | 64QAM | 8.99 | 10.01 |
| | Mid | QPSK | 8.99 | 9.94 |
| | Mid | 16QAM | 8.96 | 10.12 |
| | Mid | 64QAM | 8.99 | 10.14 |
| | High | QPSK | 9.00 | 10.08 |
| | High | 16QAM | 8.97 | 10.08 |
| | High | 64QAM | 9.00 | 9.95 |



| LTE Band 17 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.53 | 5.18 |
| | Low | 16QAM | 4.53 | 5.15 |
| | Low | 64QAM | 4.51 | 5.18 |
| | Mid | QPSK | 4.51 | 5.10 |
| | Mid | 16QAM | 4.52 | 5.08 |
| | Mid | 64QAM | 4.52 | 5.18 |
| | High | QPSK | 4.52 | 5.16 |
| | High | 16QAM | 4.53 | 5.17 |
| | High | 64QAM | 4.51 | 5.14 |
| 10 | Low | QPSK | 9.00 | 10.05 |
| | Low | 16QAM | 8.99 | 9.98 |
| | Low | 64QAM | 9.01 | 10.04 |
| | Mid | QPSK | 9.01 | 9.96 |
| | Mid | 16QAM | 8.98 | 10.08 |
| | Mid | 64QAM | 8.97 | 9.97 |
| | High | QPSK | 8.99 | 10.06 |
| | High | 16QAM | 8.99 | 9.99 |
| | High | 64QAM | 9.00 | 10.08 |



| LTE Band 18 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.50 | 5.05 |
| | Low | 16QAM | 4.52 | 5.13 |
| | Low | 64QAM | 4.51 | 5.11 |
| | Mid | QPSK | 4.53 | 5.14 |
| | Mid | 16QAM | 4.51 | 5.12 |
| | Mid | 64QAM | 4.51 | 5.15 |
| | High | QPSK | 4.53 | 5.10 |
| | High | 16QAM | 4.51 | 5.18 |
| | High | 64QAM | 4.53 | 5.12 |



| LTE Band 19 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.53 | 5.16 |
| | Low | 16QAM | 4.53 | 5.14 |
| | Low | 64QAM | 4.51 | 5.05 |
| | Mid | QPSK | 4.51 | 5.21 |
| | Mid | 16QAM | 4.54 | 5.14 |
| | Mid | 64QAM | 4.51 | 5.14 |
| | High | QPSK | 4.52 | 5.11 |
| | High | 16QAM | 4.51 | 5.08 |
| | High | 64QAM | 4.52 | 5.19 |
| 10 | Low | QPSK | 9.03 | 10.06 |
| | Low | 16QAM | 9.02 | 10.03 |
| | Low | 64QAM | 9.00 | 9.97 |
| | Mid | QPSK | 9.02 | 10.07 |
| | Mid | 16QAM | 9.02 | 10.05 |
| | Mid | 64QAM | 8.98 | 9.99 |
| | High | QPSK | 9.00 | 10.08 |
| | High | 16QAM | 9.00 | 10.08 |
| | High | 64QAM | 9.00 | 9.91 |
| 15 | Low | QPSK | 13.46 | 14.77 |
| | Low | 16QAM | 13.49 | 14.92 |
| | Low | 64QAM | 13.47 | 14.90 |
| | Mid | QPSK | 13.50 | 15.08 |
| | Mid | 16QAM | 13.49 | 15.00 |
| | Mid | 64QAM | 13.49 | 15.02 |
| | High | QPSK | 13.50 | 14.96 |
| | High | 16QAM | 13.49 | 14.83 |
| | High | 64QAM | 13.47 | 14.83 |



| LTE Band 26 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.10 | 1.34 |
| | Low | 16QAM | 1.11 | 1.38 |
| | Low | 64QAM | 1.10 | 1.35 |
| | Mid | QPSK | 1.10 | 1.34 |
| | Mid | 16QAM | 1.11 | 1.36 |
| | Mid | 64QAM | 1.11 | 1.34 |
| | High | QPSK | 1.10 | 1.33 |
| | High | 16QAM | 1.10 | 1.33 |
| | High | 64QAM | 1.10 | 1.36 |
| 3 | Low | QPSK | 2.71 | 3.07 |
| | Low | 16QAM | 2.70 | 3.11 |
| | Low | 64QAM | 2.72 | 3.04 |
| | Mid | QPSK | 2.72 | 3.08 |
| | Mid | 16QAM | 2.72 | 3.06 |
| | Mid | 64QAM | 2.72 | 3.06 |
| | High | QPSK | 2.71 | 3.09 |
| | High | 16QAM | 2.71 | 3.08 |
| | High | 64QAM | 2.72 | 3.07 |
| 5 | Low | QPSK | 4.53 | 5.22 |
| | Low | 16QAM | 4.52 | 5.16 |
| | Low | 64QAM | 4.52 | 5.12 |
| | Mid | QPSK | 4.52 | 5.17 |
| | Mid | 16QAM | 4.53 | 5.15 |
| | Mid | 64QAM | 4.52 | 5.11 |
| | High | QPSK | 4.52 | 5.17 |
| | High | 16QAM | 4.53 | 5.13 |
| | High | 64QAM | 4.53 | 5.09 |
| 10 | Low | QPSK | 9.00 | 9.89 |
| | Low | 16QAM | 9.00 | 10.00 |
| | Low | 64QAM | 9.00 | 10.01 |
| | Mid | QPSK | 9.00 | 10.11 |
| | Mid | 16QAM | 9.00 | 10.03 |
| | Mid | 64QAM | 9.00 | 9.99 |
| | High | QPSK | 9.01 | 10.12 |
| | High | 16QAM | 9.00 | 10.10 |
| | High | 64QAM | 9.00 | 9.95 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.49 | 14.74 |
| | Low | 16QAM | 13.52 | 15.05 |
| | Low | 64QAM | 13.47 | 14.75 |
| | Mid | QPSK | 13.53 | 14.89 |
| | Mid | 16QAM | 13.53 | 14.90 |
| | Mid | 64QAM | 13.48 | 14.80 |
| | High | QPSK | 13.49 | 14.98 |
| | High | 16QAM | 13.48 | 14.98 |
| | High | 64QAM | 13.47 | 14.96 |



| LTE Band 38 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.51 | 5.13 |
| | Low | 16QAM | 4.54 | 5.30 |
| | Low | 64QAM | 4.50 | 5.26 |
| | Mid | QPSK | 4.52 | 5.09 |
| | Mid | 16QAM | 4.53 | 5.26 |
| | Mid | 64QAM | 4.52 | 5.12 |
| | High | QPSK | 4.52 | 5.15 |
| | High | 16QAM | 4.53 | 5.16 |
| | High | 64QAM | 4.51 | 5.18 |
| 10 | Low | QPSK | 9.00 | 9.93 |
| | Low | 16QAM | 9.01 | 10.37 |
| | Low | 64QAM | 9.01 | 10.18 |
| | Mid | QPSK | 9.00 | 10.63 |
| | Mid | 16QAM | 9.03 | 10.10 |
| | Mid | 64QAM | 8.99 | 10.38 |
| | High | QPSK | 9.01 | 10.46 |
| | High | 16QAM | 9.02 | 10.45 |
| | High | 64QAM | 9.01 | 10.25 |
| 15 | Low | QPSK | 13.50 | 15.27 |
| | Low | 16QAM | 13.50 | 15.29 |
| | Low | 64QAM | 13.50 | 15.00 |
| | Mid | QPSK | 13.52 | 16.00 |
| | Mid | 16QAM | 13.51 | 15.16 |
| | Mid | 64QAM | 13.51 | 17.22 |
| | High | QPSK | 13.49 | 16.07 |
| | High | 16QAM | 13.50 | 15.09 |
| | High | 64QAM | 13.49 | 15.07 |
| 20 | Low | QPSK | 17.99 | 20.21 |
| | Low | 16QAM | 18.00 | 21.38 |
| | Low | 64QAM | 17.98 | 21.51 |
| | Mid | QPSK | 17.98 | 19.79 |
| | Mid | 16QAM | 18.00 | 19.87 |
| | Mid | 64QAM | 18.05 | 19.96 |
| | High | QPSK | 18.01 | 20.40 |
| | High | 16QAM | 18.01 | 21.74 |
| | High | 64QAM | 18.03 | 20.44 |



| LTE Band 40, Block A | | | | |
|----------------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.51 | 5.15 |
| | Low | 16QAM | 4.51 | 5.39 |
| | Low | 64QAM | 4.54 | 5.00 |
| | Mid | QPSK | 4.51 | 5.30 |
| | Mid | 16QAM | 4.53 | 5.17 |
| | Mid | 64QAM | 4.52 | 5.35 |
| | High | QPSK | 4.52 | 5.34 |
| | High | 16QAM | 4.53 | 5.13 |
| | High | 64QAM | 4.52 | 5.37 |
| 10 | Mid | QPSK | 9.02 | 9.97 |
| | Mid | 16QAM | 9.01 | 10.57 |
| | Mid | 64QAM | 9.01 | 10.22 |

| LTE Band 40, Block B | | | | |
|----------------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.51 | 5.12 |
| | Low | 16QAM | 4.52 | 5.15 |
| | Low | 64QAM | 4.54 | 5.12 |
| | Mid | QPSK | 4.52 | 5.22 |
| | Mid | 16QAM | 4.53 | 5.22 |
| | Mid | 64QAM | 4.52 | 5.30 |
| | High | QPSK | 4.51 | 5.14 |
| | High | 16QAM | 4.54 | 5.13 |
| | High | 64QAM | 4.51 | 5.19 |
| 10 | Mid | QPSK | 9.02 | 10.25 |
| | Mid | 16QAM | 9.01 | 10.80 |
| | Mid | 64QAM | 9.04 | 10.83 |



| LTE Band 41 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.51 | 5.32 |
| | Low | 16QAM | 4.53 | 5.13 |
| | Low | 64QAM | 4.52 | 5.27 |
| | Mid | QPSK | 4.52 | 5.42 |
| | Mid | 16QAM | 4.52 | 5.16 |
| | Mid | 64QAM | 4.51 | 5.13 |
| | High | QPSK | 4.52 | 5.31 |
| | High | 16QAM | 4.53 | 5.21 |
| | High | 64QAM | 4.53 | 5.12 |
| 10 | Low | QPSK | 9.00 | 10.46 |
| | Low | 16QAM | 8.98 | 10.20 |
| | Low | 64QAM | 9.01 | 10.20 |
| | Mid | QPSK | 9.01 | 10.34 |
| | Mid | 16QAM | 9.01 | 10.03 |
| | Mid | 64QAM | 9.02 | 10.03 |
| | High | QPSK | 9.01 | 10.30 |
| | High | 16QAM | 9.04 | 10.49 |
| | High | 64QAM | 8.99 | 9.95 |
| 15 | Low | QPSK | 13.50 | 15.97 |
| | Low | 16QAM | 13.50 | 14.95 |
| | Low | 64QAM | 13.49 | 16.19 |
| | Mid | QPSK | 13.48 | 14.96 |
| | Mid | 16QAM | 13.54 | 15.79 |
| | Mid | 64QAM | 13.50 | 16.68 |
| | High | QPSK | 13.47 | 14.94 |
| | High | 16QAM | 13.50 | 15.14 |
| | High | 64QAM | 13.51 | 15.46 |
| 20 | Low | QPSK | 18.02 | 21.95 |
| | Low | 16QAM | 18.01 | 20.91 |
| | Low | 64QAM | 17.98 | 20.18 |
| | Mid | QPSK | 18.00 | 19.97 |
| | Mid | 16QAM | 17.98 | 20.08 |
| | Mid | 64QAM | 18.02 | 20.67 |
| | High | QPSK | 17.97 | 20.74 |
| | High | 16QAM | 18.00 | 20.02 |
| | High | 64QAM | 17.99 | 21.05 |



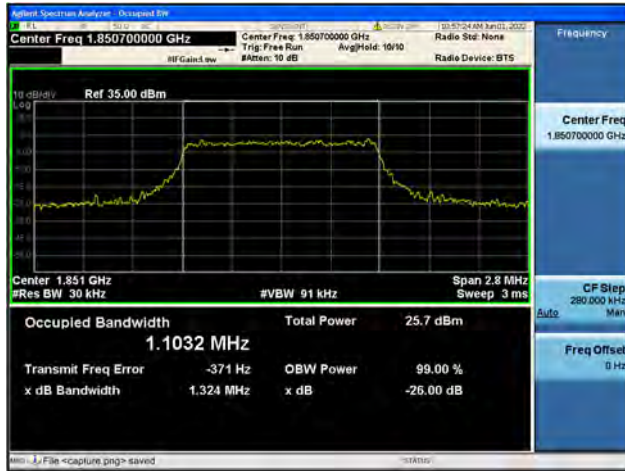
| LTE Band 66 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.10 | 1.33 |
| | Low | 16QAM | 1.11 | 1.34 |
| | Low | 64QAM | 1.11 | 1.36 |
| | Mid | QPSK | 1.10 | 1.36 |
| | Mid | 16QAM | 1.11 | 1.37 |
| | Mid | 64QAM | 1.11 | 1.40 |
| | High | QPSK | 1.10 | 1.39 |
| | High | 16QAM | 1.11 | 1.38 |
| | High | 64QAM | 1.10 | 1.36 |
| 3 | Low | QPSK | 2.72 | 3.10 |
| | Low | 16QAM | 2.71 | 3.05 |
| | Low | 64QAM | 2.72 | 3.03 |
| | Mid | QPSK | 2.72 | 3.09 |
| | Mid | 16QAM | 2.71 | 3.07 |
| | Mid | 64QAM | 2.72 | 3.05 |
| | High | QPSK | 2.71 | 3.07 |
| | High | 16QAM | 2.71 | 3.06 |
| | High | 64QAM | 2.72 | 3.08 |
| 5 | Low | QPSK | 4.54 | 5.12 |
| | Low | 16QAM | 4.53 | 5.19 |
| | Low | 64QAM | 4.51 | 5.09 |
| | Mid | QPSK | 4.51 | 5.19 |
| | Mid | 16QAM | 4.53 | 5.19 |
| | Mid | 64QAM | 4.51 | 5.11 |
| | High | QPSK | 4.51 | 5.17 |
| | High | 16QAM | 4.52 | 5.17 |
| | High | 64QAM | 4.53 | 5.25 |
| 10 | Low | QPSK | 9.00 | 10.14 |
| | Low | 16QAM | 9.00 | 10.11 |
| | Low | 64QAM | 9.00 | 9.95 |
| | Mid | QPSK | 9.02 | 10.20 |
| | Mid | 16QAM | 8.99 | 9.99 |
| | Mid | 64QAM | 9.02 | 10.02 |
| | High | QPSK | 9.01 | 10.12 |
| | High | 16QAM | 9.02 | 10.07 |
| | High | 64QAM | 9.01 | 10.01 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.48 | 14.97 |
| | Low | 16QAM | 13.50 | 14.93 |
| | Low | 64QAM | 13.49 | 14.85 |
| | Mid | QPSK | 13.52 | 15.00 |
| | Mid | 16QAM | 13.53 | 14.88 |
| | Mid | 64QAM | 13.49 | 14.88 |
| | High | QPSK | 13.53 | 15.07 |
| | High | 16QAM | 13.53 | 14.83 |
| | High | 64QAM | 13.50 | 14.79 |
| 20 | Low | QPSK | 18.00 | 19.62 |
| | Low | 16QAM | 18.03 | 19.76 |
| | Low | 64QAM | 18.02 | 19.98 |
| | Mid | QPSK | 17.99 | 19.83 |
| | Mid | 16QAM | 18.00 | 19.78 |
| | Mid | 64QAM | 17.97 | 19.76 |
| | High | QPSK | 18.03 | 19.84 |
| | High | 16QAM | 18.02 | 19.85 |
| | High | 64QAM | 18.00 | 19.88 |



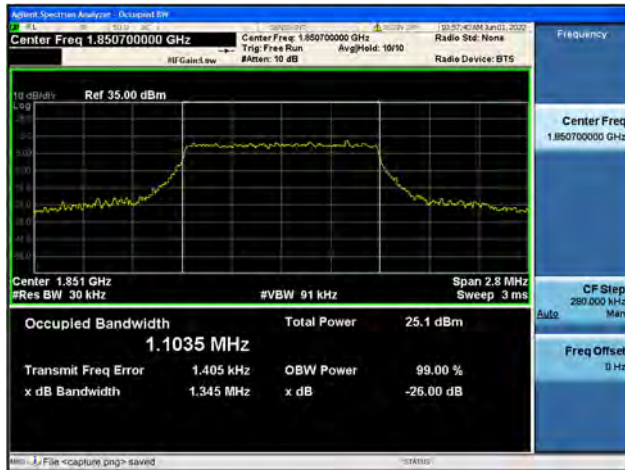
B2 / 1.4MHz / QPSK/ Low CH



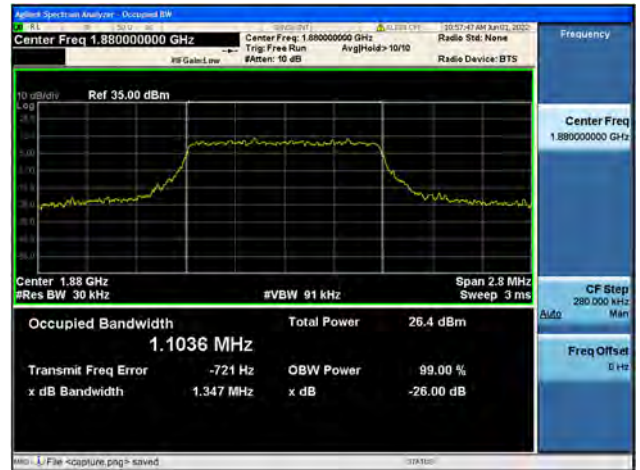
B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



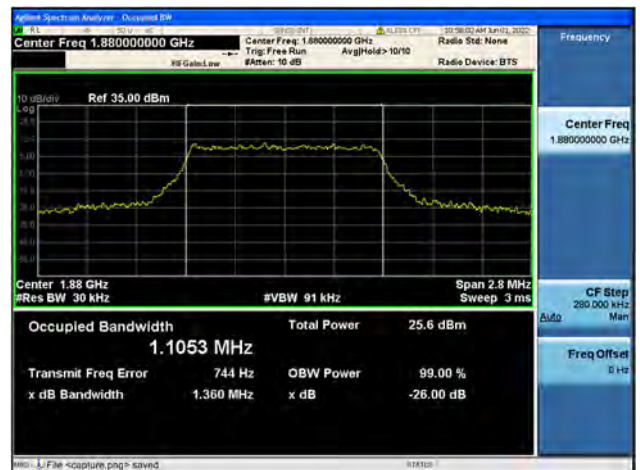
B2 / 1.4MHz / QPSK/ Mid CH



B2 / 1.4MHz / 16QAM/ Mid CH

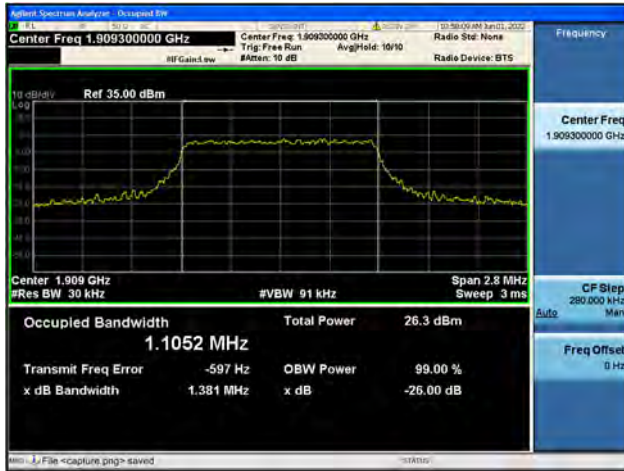


B2 / 1.4MHz / 64QAM/ Mid CH

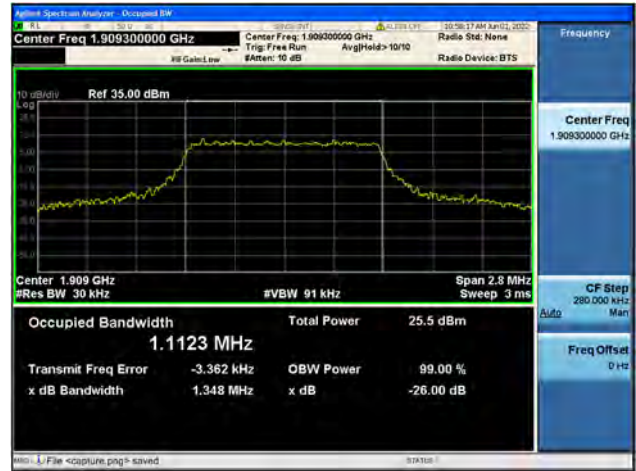




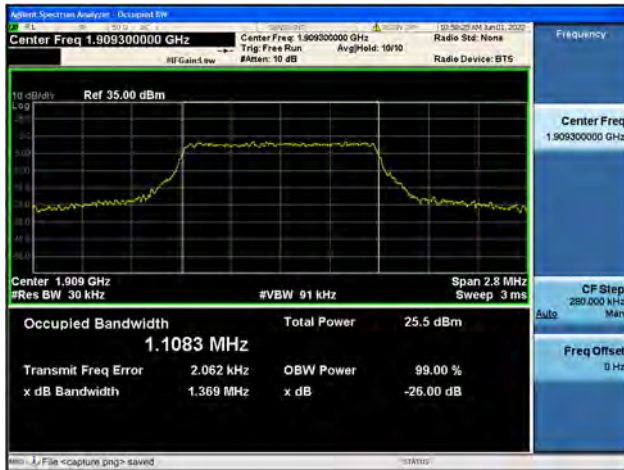
B2 / 1.4MHz / QPSK/ High CH



B2 / 1.4MHz / 16QAM/ High CH



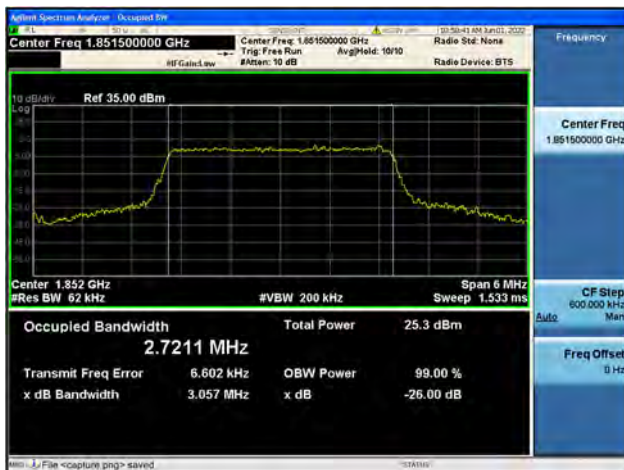
B2 / 1.4MHz / 64QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH



B2 / 3MHz / 64QAM/ Low CH





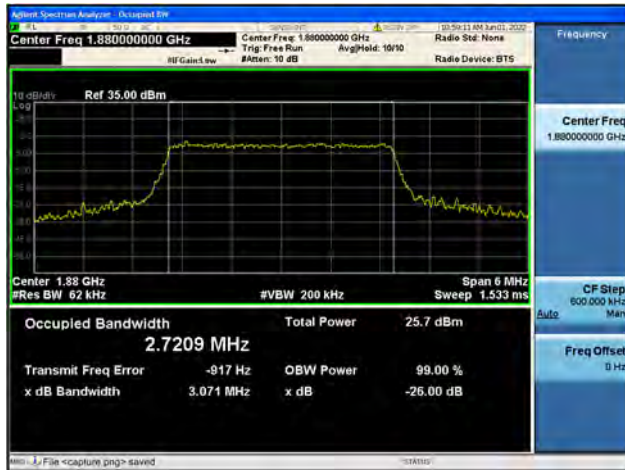
B2 / 3MHz / QPSK/ Mid CH



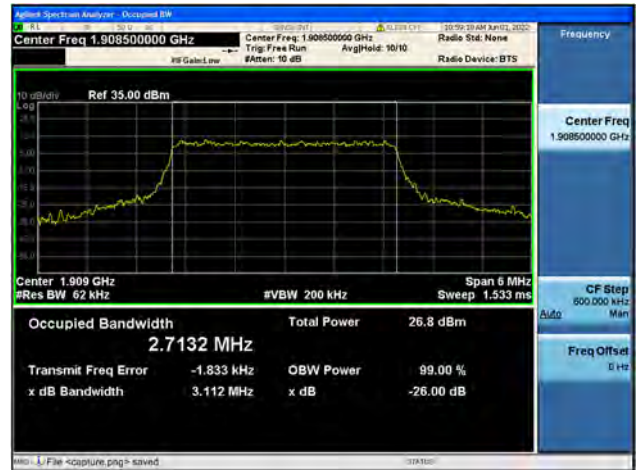
B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



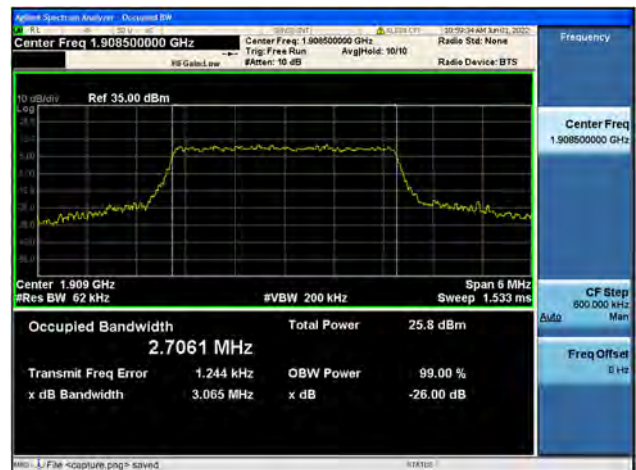
B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH

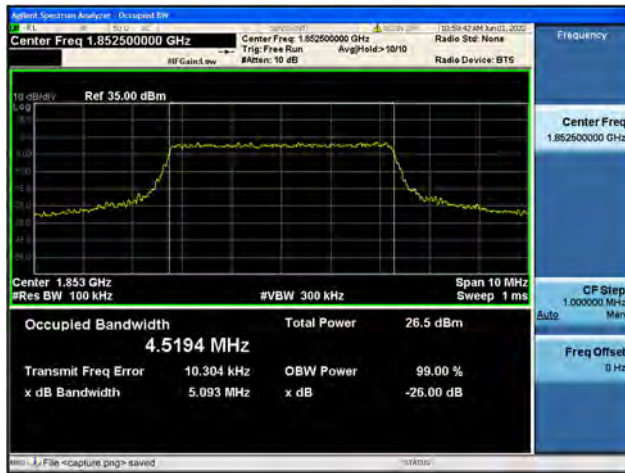


B2 / 3MHz / 64QAM/ High CH

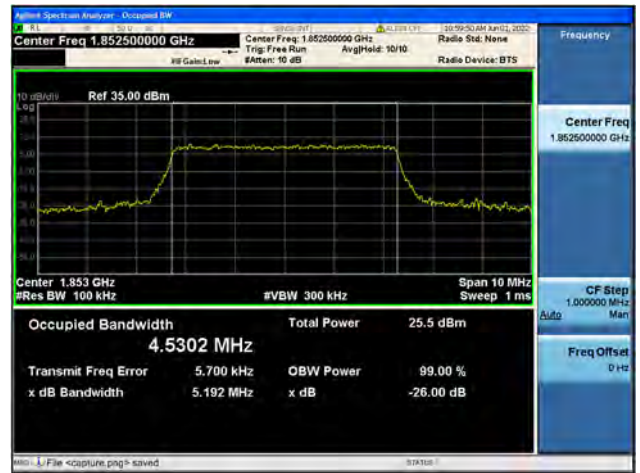




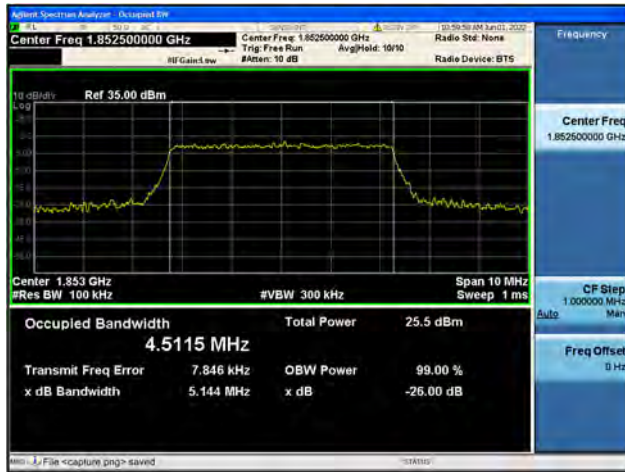
B2 / 5MHz / QPSK/ Low CH



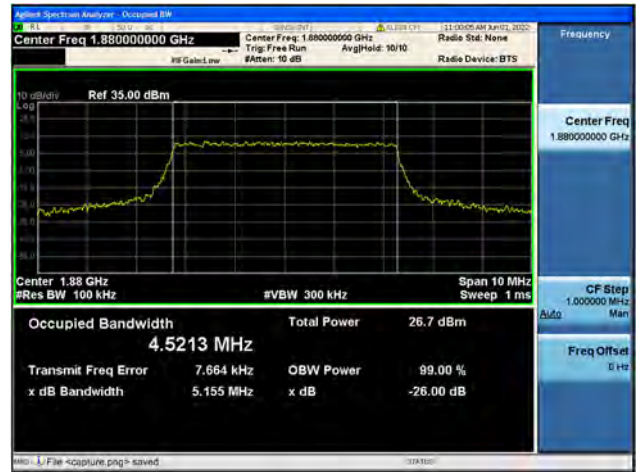
B2 / 5MHz / 16QAM/ Low CH



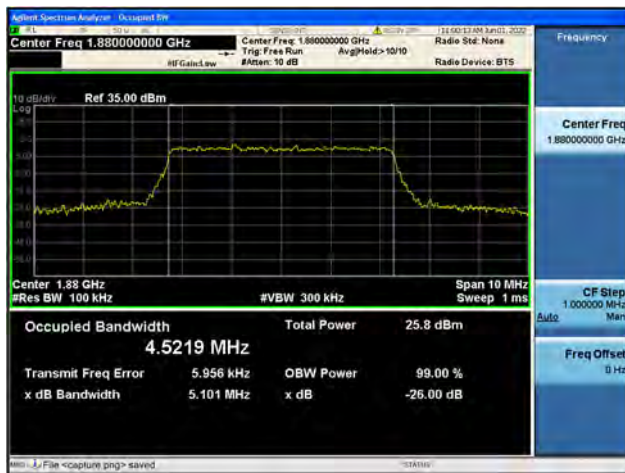
B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH



B2 / 5MHz / 64QAM/ Mid CH





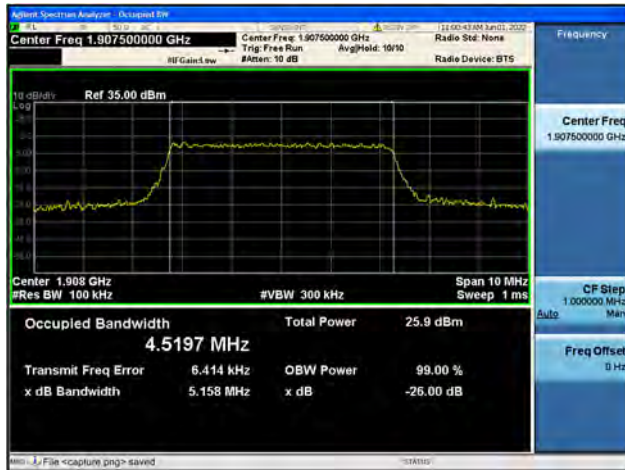
B2 / 5MHz / QPSK/ High CH



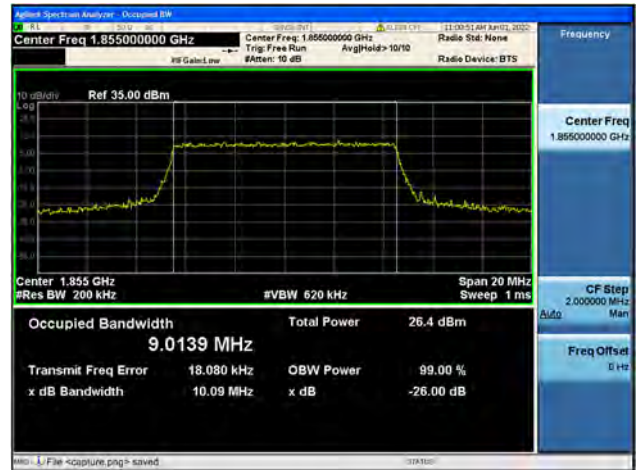
B2 / 5MHz / 16QAM/ High CH



B2 / 5MHz / 64QAM/ High CH



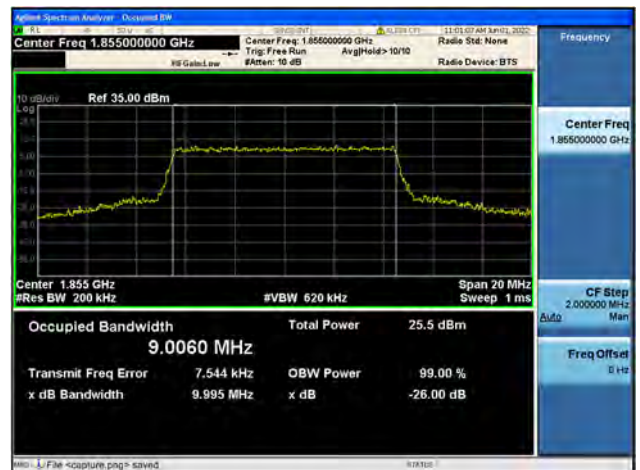
B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH

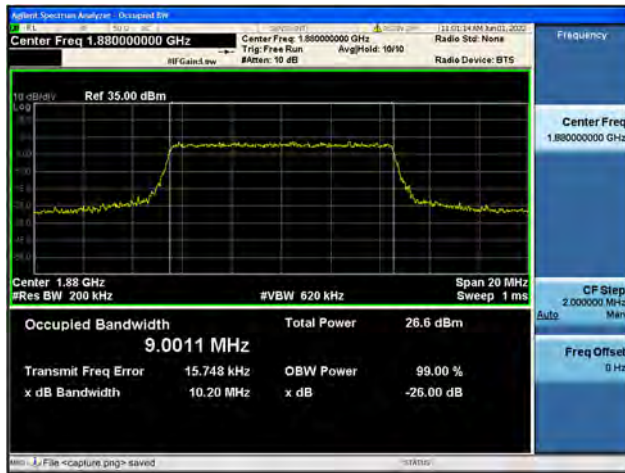


B2 / 10MHz / 64QAM/ Low CH





B2 / 10MHz / QPSK/ Mid CH



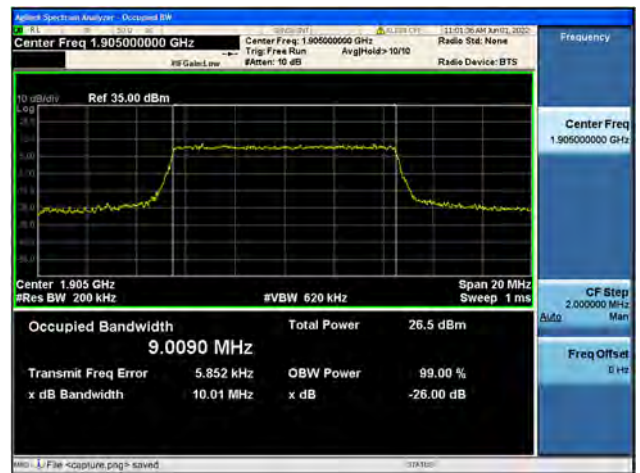
B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



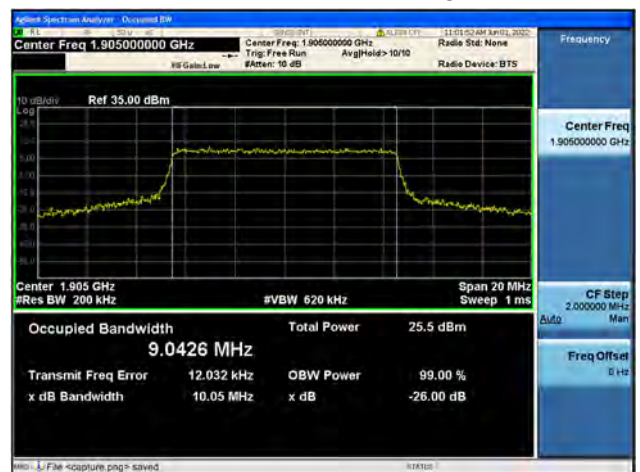
B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



B2 / 10MHz / 64QAM/ High CH

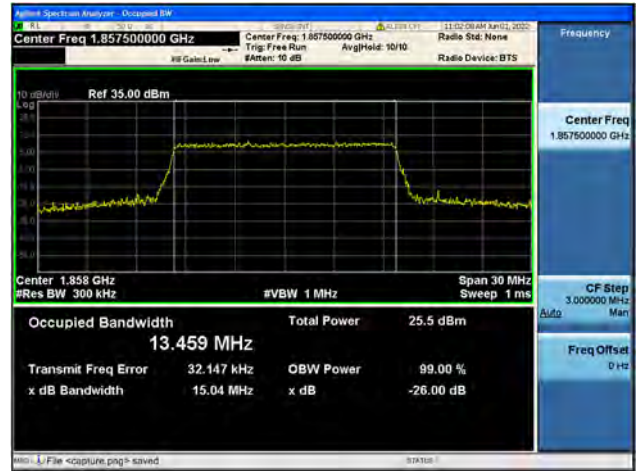




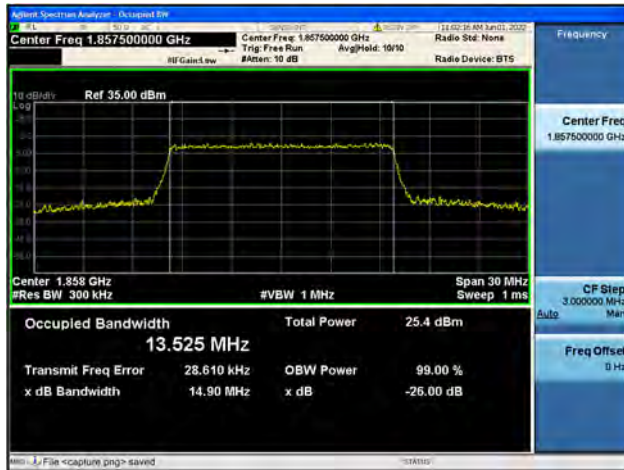
B2 / 15MHz / QPSK/ Low CH



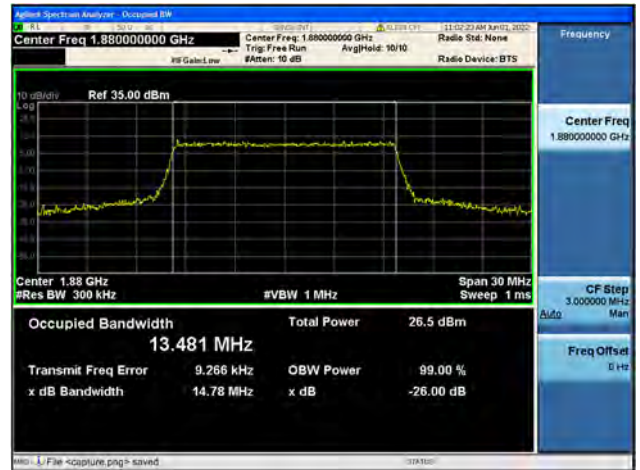
B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH

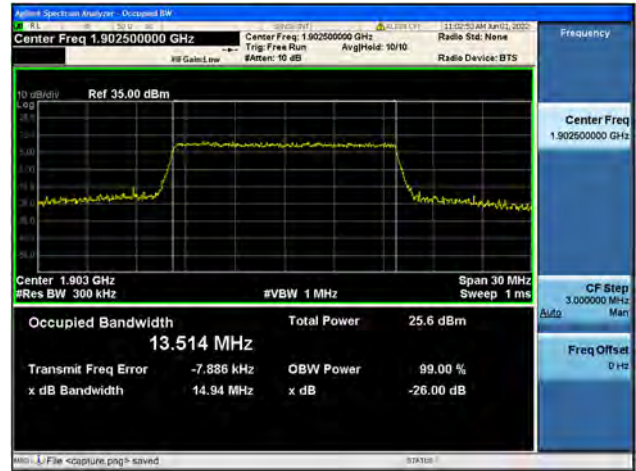




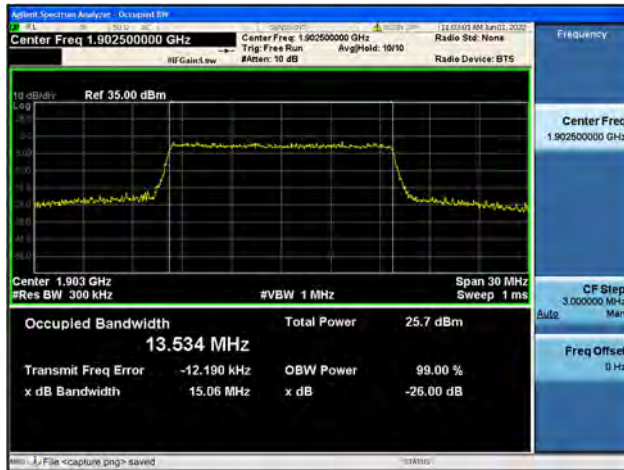
B2 / 15MHz / QPSK/ High CH



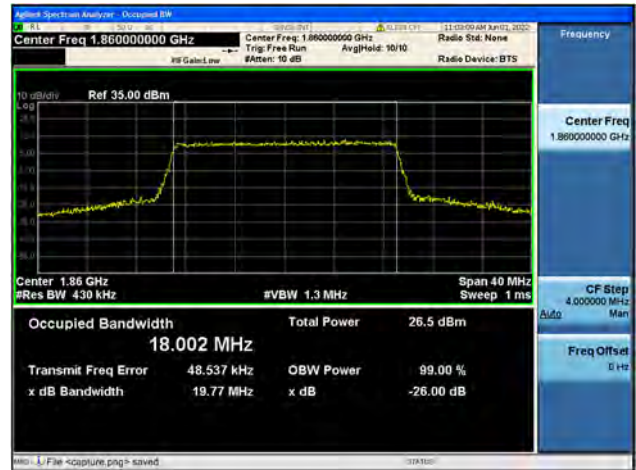
B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



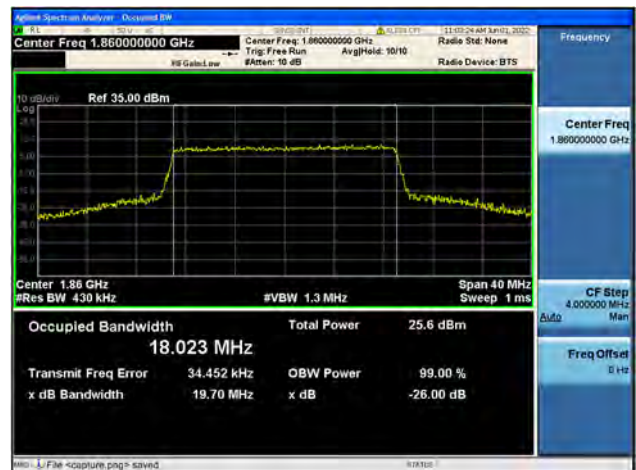
B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH





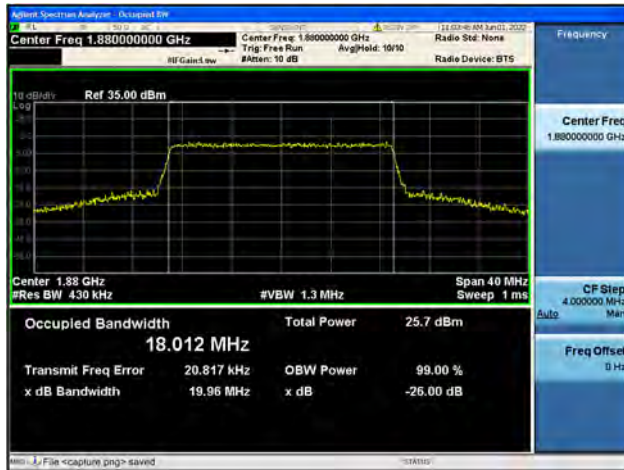
B2 / 20MHz / QPSK/ Mid CH



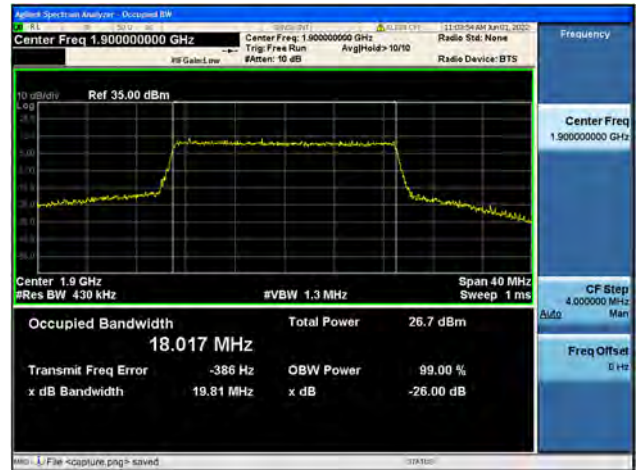
B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ High CH

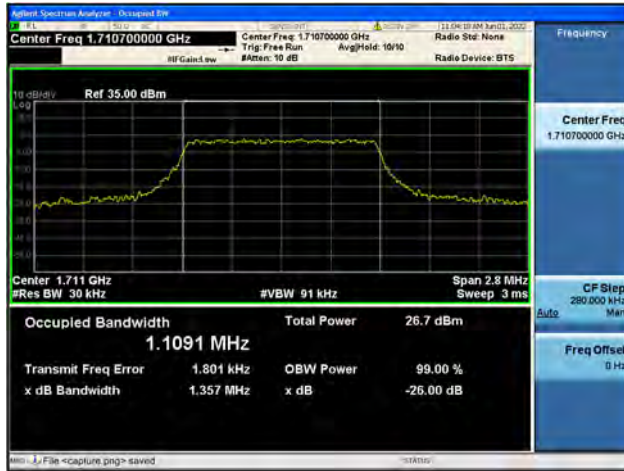


B2 / 20MHz / 64QAM/ High CH





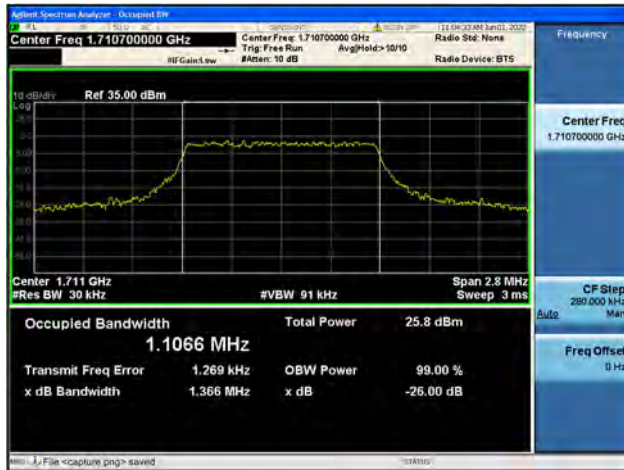
B4 / 1.4MHz / QPSK/ Low CH



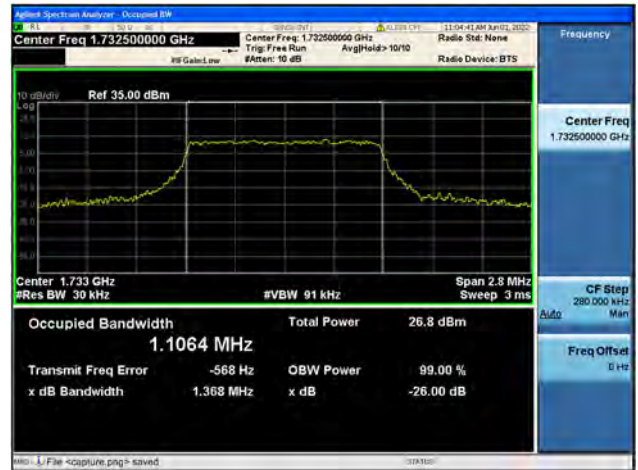
B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



B4 / 1.4MHz / 16QAM/ Mid CH

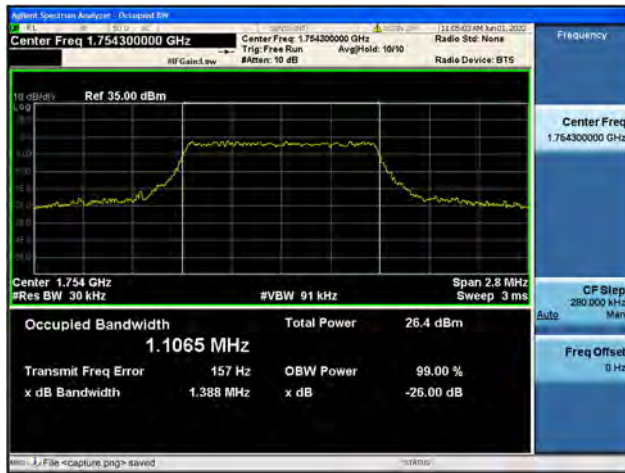


B4 / 1.4MHz / 64QAM/ Mid CH





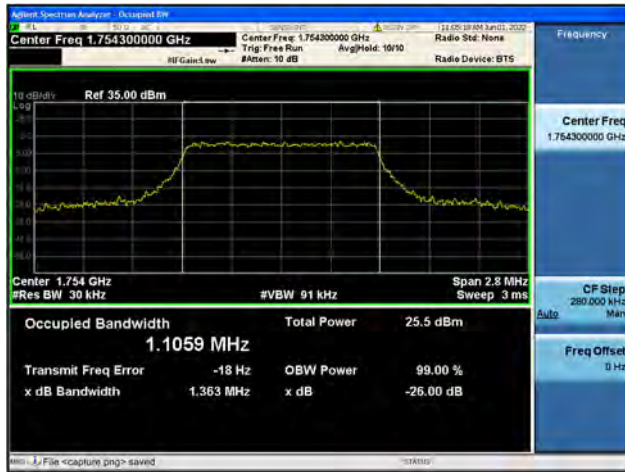
B4 / 1.4MHz / QPSK/ High CH



B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH

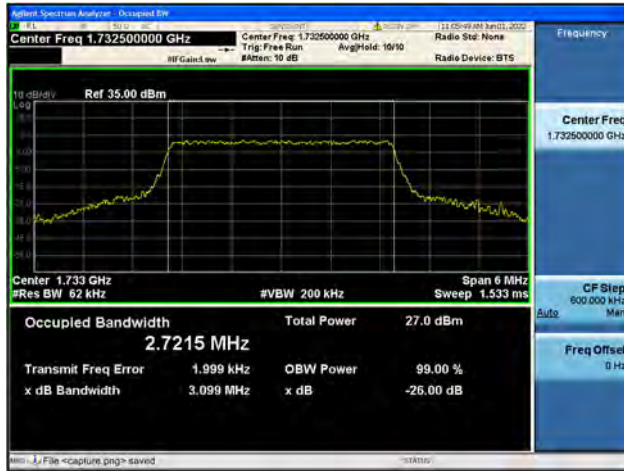


B4 / 3MHz / 64QAM/ Low CH





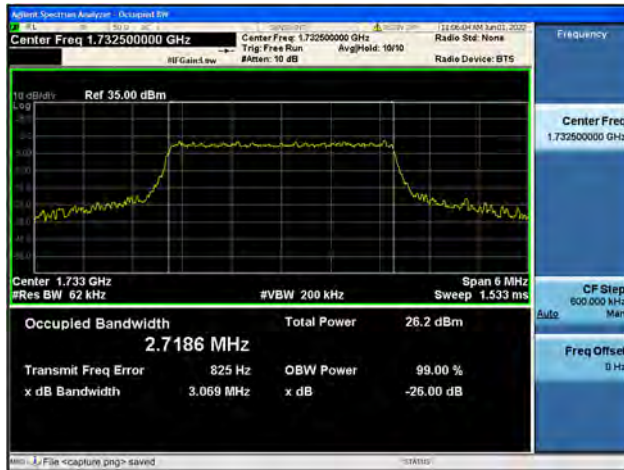
B4 / 3MHz / QPSK/ Mid CH



B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH

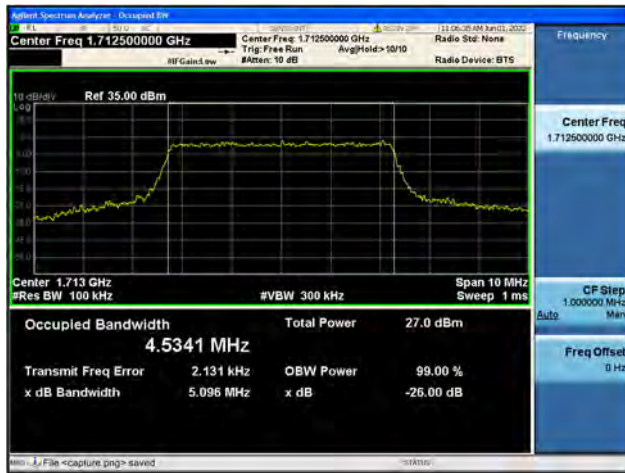


B4 / 3MHz / 64QAM/ High CH





B4 / 5MHz / QPSK/ Low CH



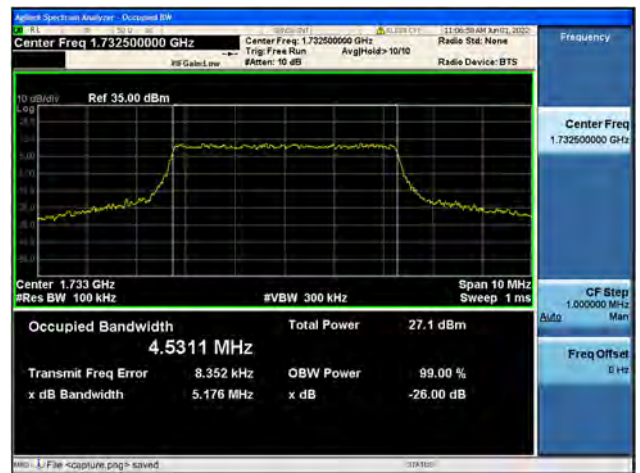
B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH

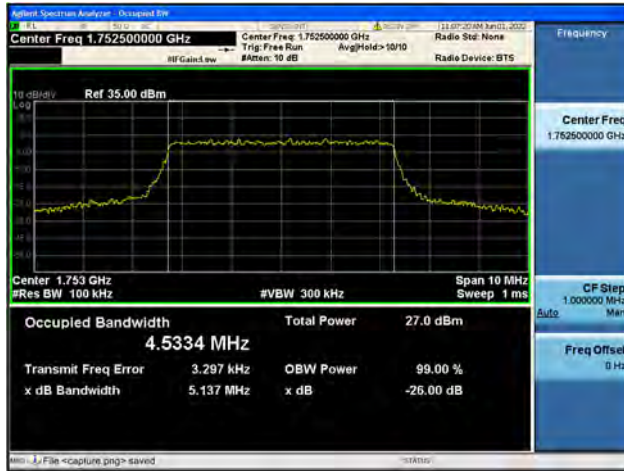


B4 / 5MHz / 64QAM/ Mid CH





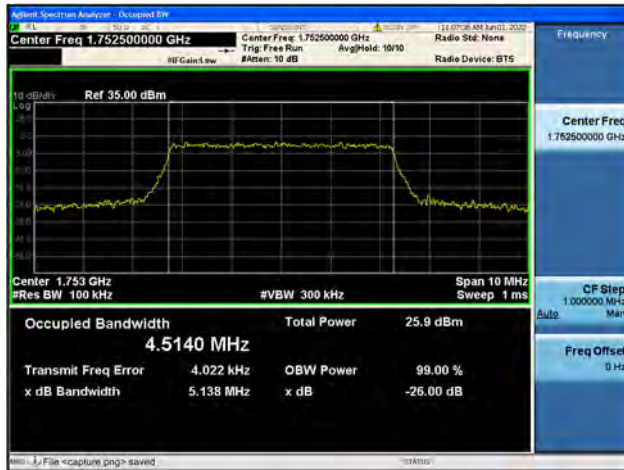
B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH

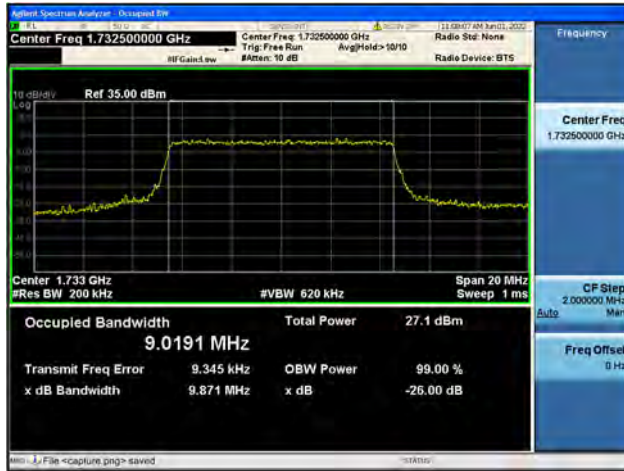


B4 / 10MHz / 64QAM/ Low CH





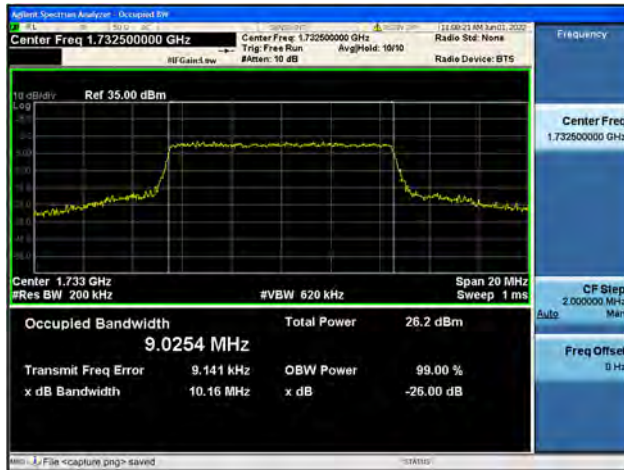
B4 / 10MHz / QPSK/ Mid CH



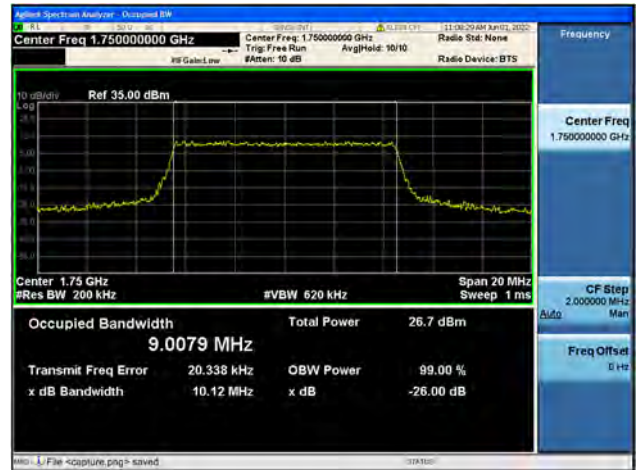
B4 / 10MHz / 16QAM/ Mid CH



B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



B4 / 10MHz / 64QAM/ High CH

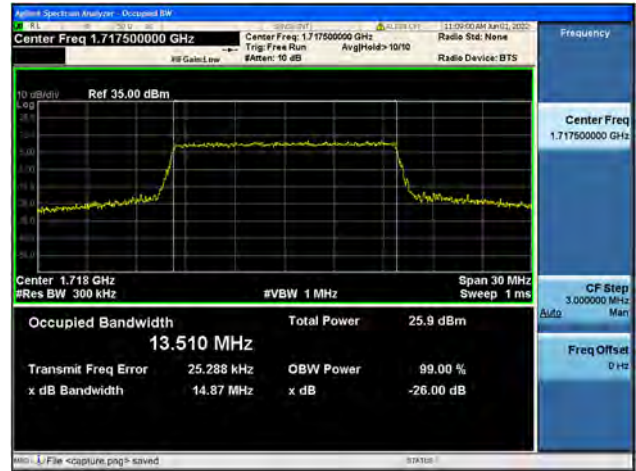




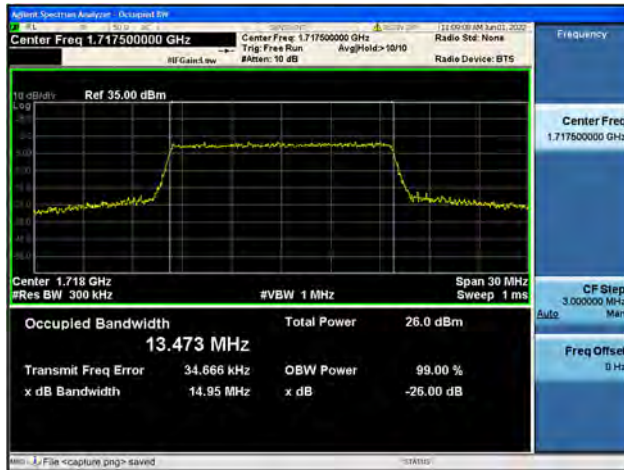
B4 / 15MHz / QPSK/ Low CH



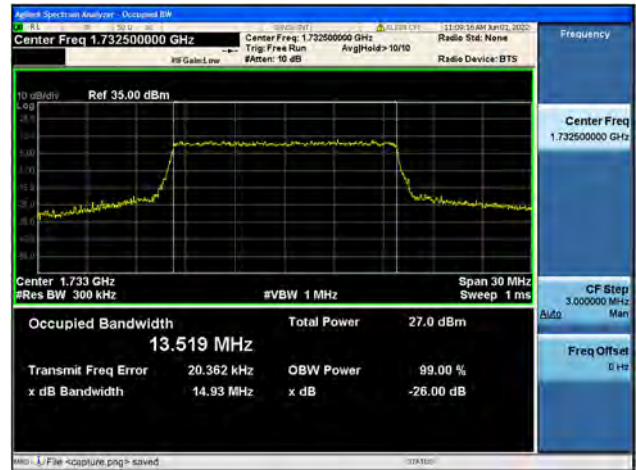
B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH





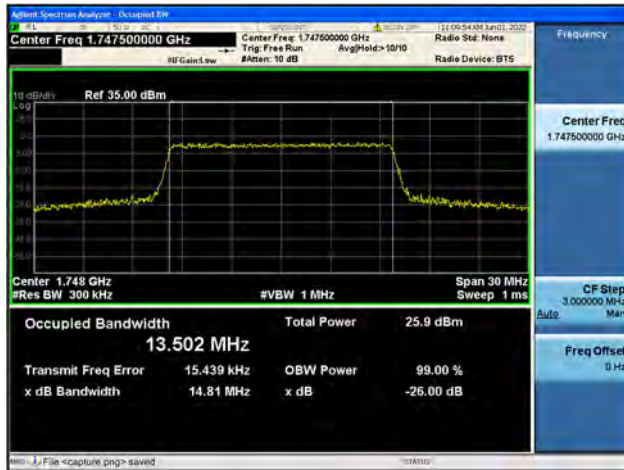
B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH

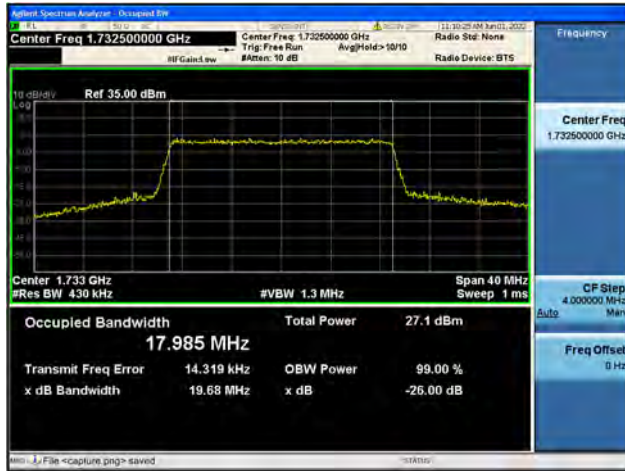


B4 / 20MHz / 64QAM/ Low CH





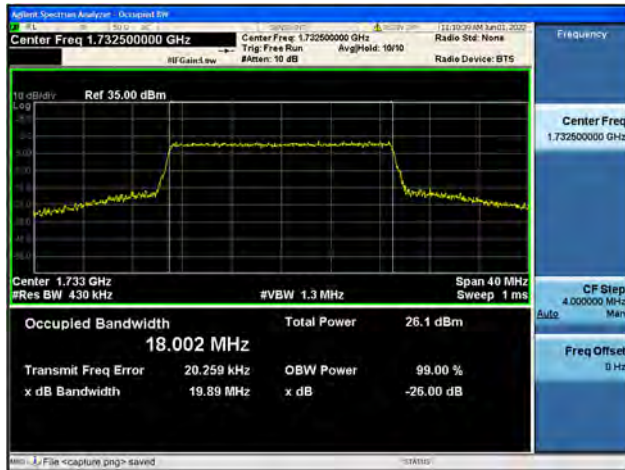
B4 / 20MHz / QPSK/ Mid CH



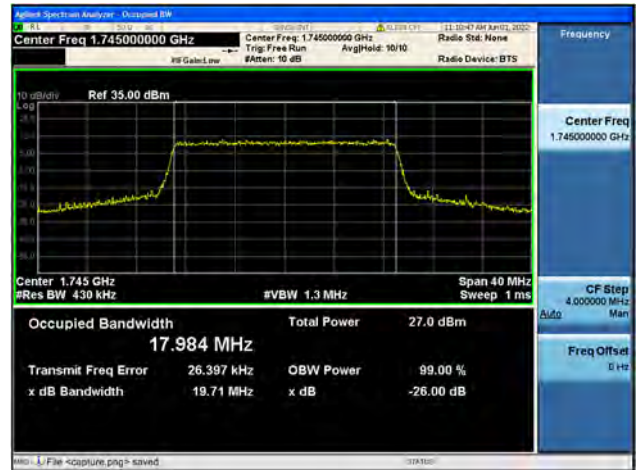
B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



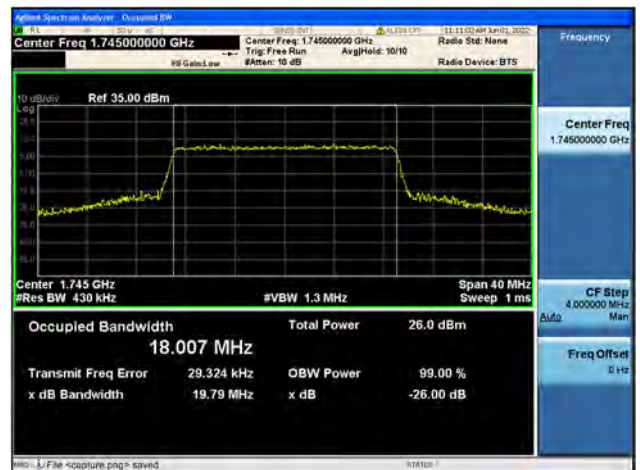
B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH

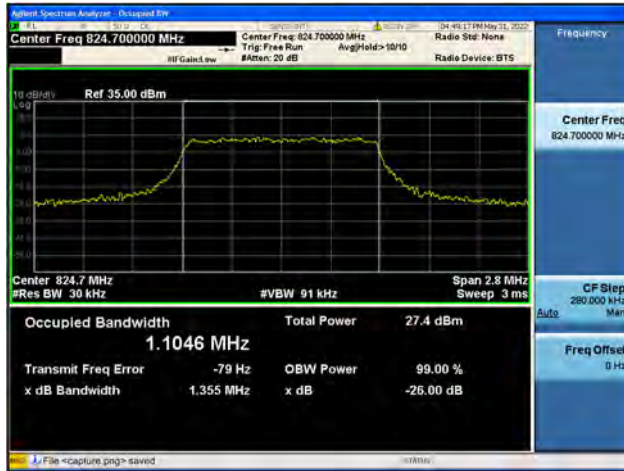


B4 / 20MHz / 64QAM/ High CH

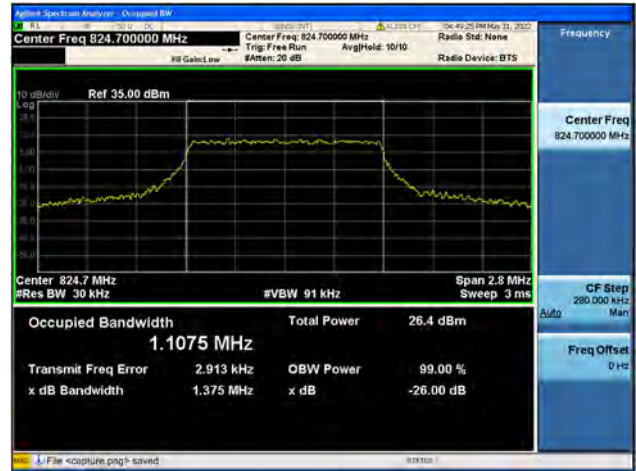




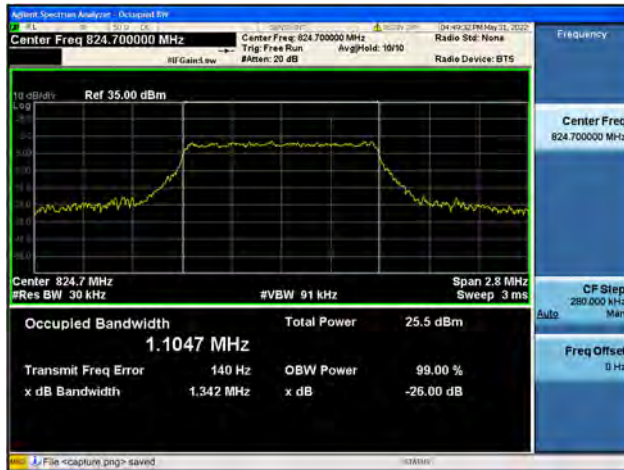
B5 / 1.4MHz / QPSK/ Low CH



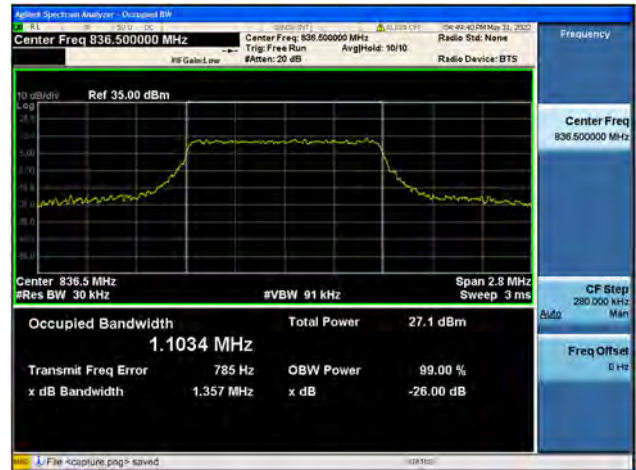
B5 / 1.4MHz / 16QAM/ Low CH



B5 / 1.4MHz / 64QAM/ Low CH



B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH

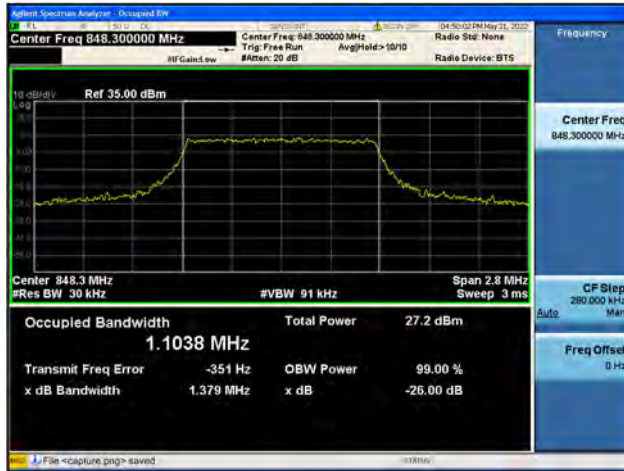


B5 / 1.4MHz / 64QAM/ Mid CH

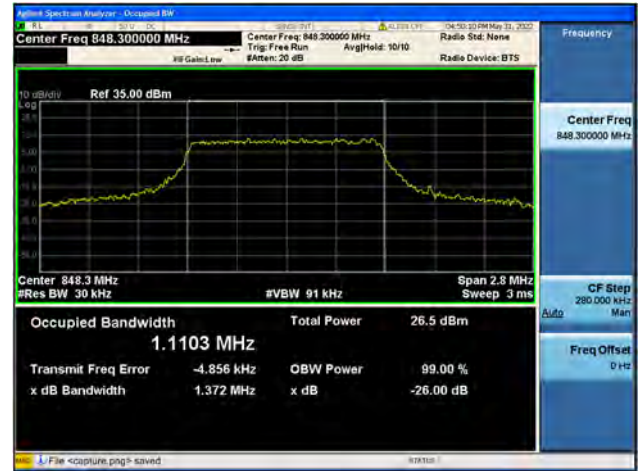




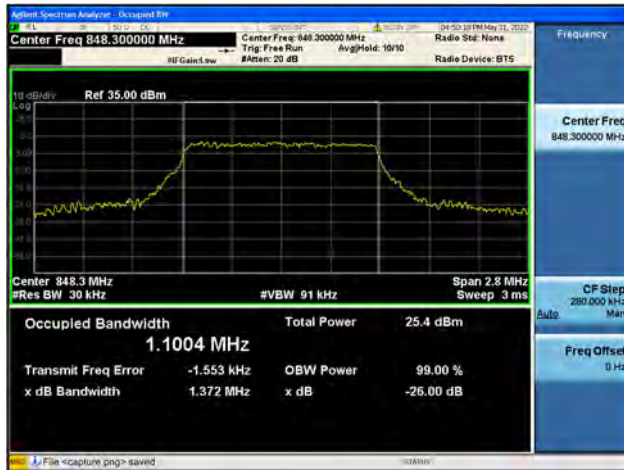
B5 / 1.4MHz / QPSK/ High CH



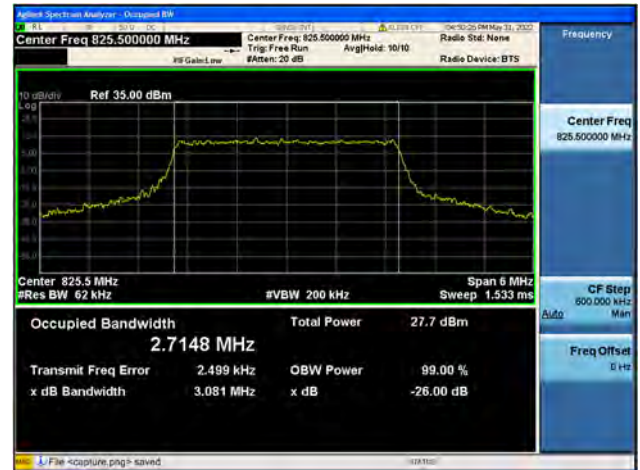
B5 / 1.4MHz / 16QAM/ High CH



B5 / 1.4MHz / 64QAM/ High CH



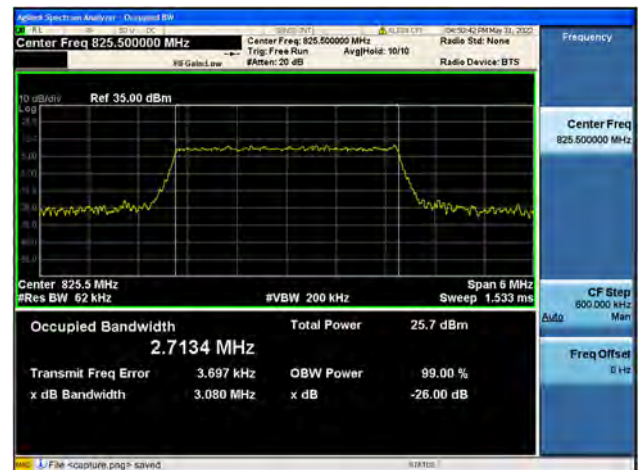
B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH

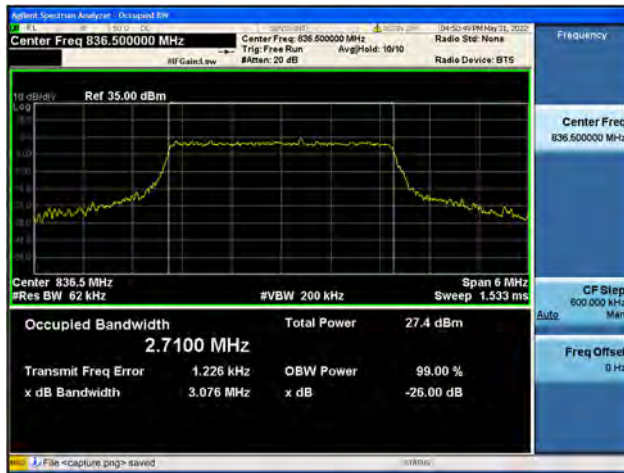


B5 / 3MHz / 64QAM/ Low CH





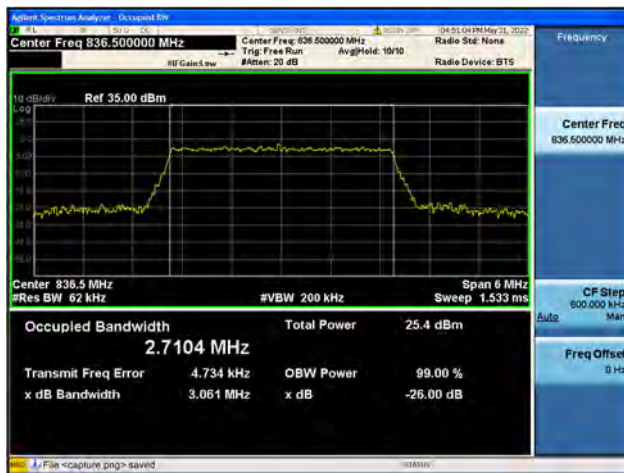
B5 / 3MHz / QPSK/ Mid CH



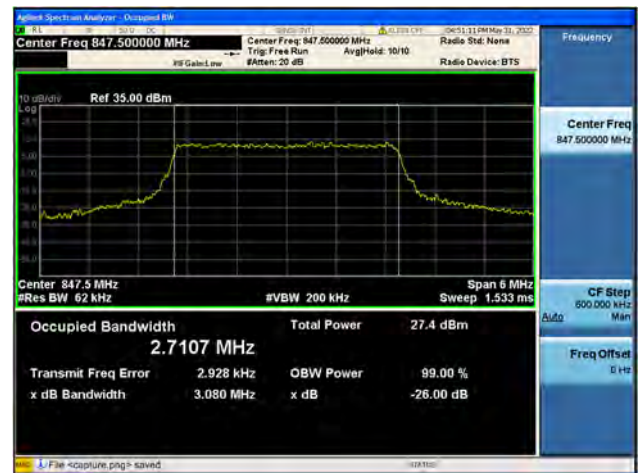
B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH

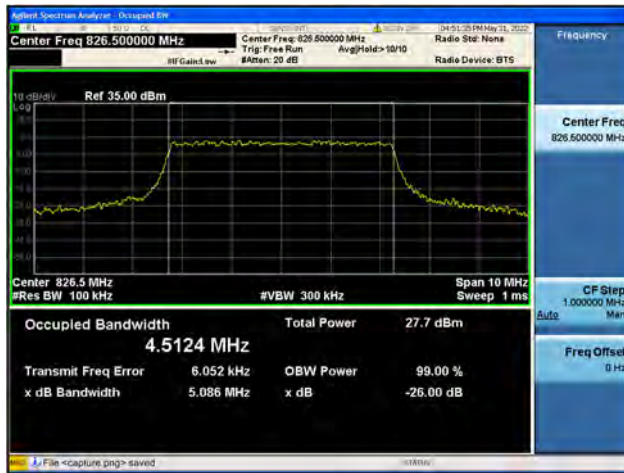


B5 / 3MHz / 64QAM/ High CH





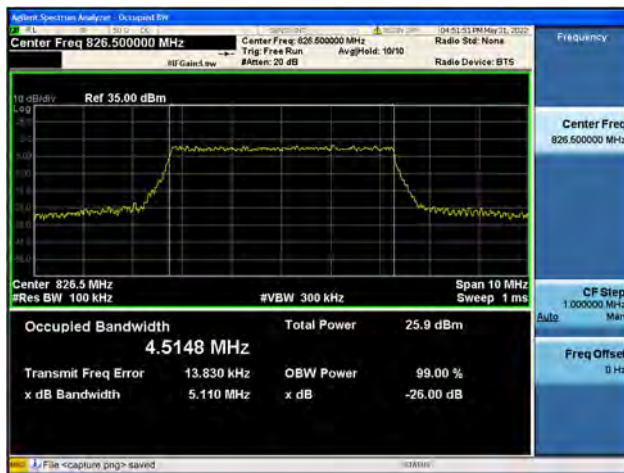
B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH



B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH





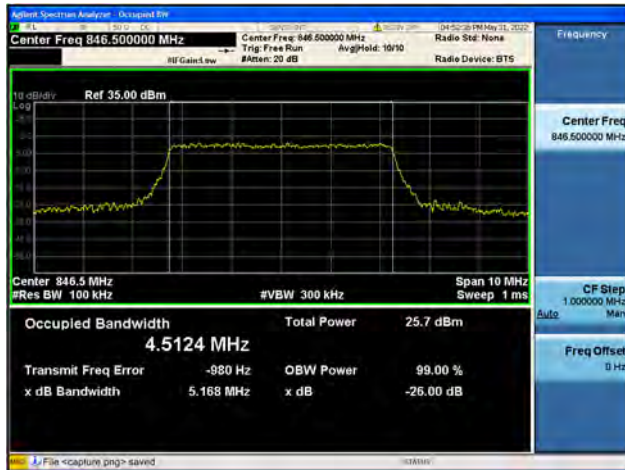
B5 / 5MHz / QPSK/ High CH



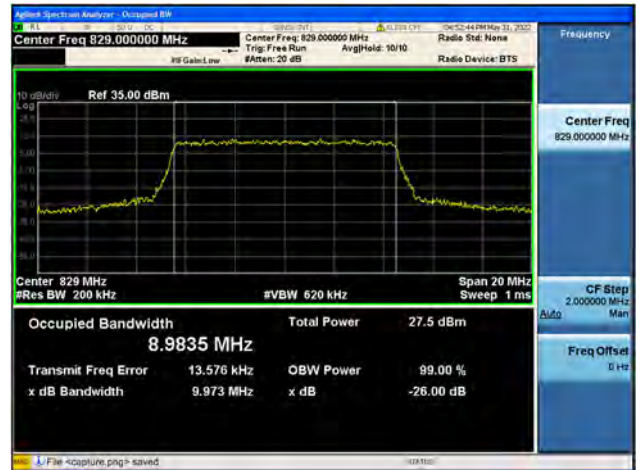
B5 / 5MHz / 16QAM/ High CH



B5 / 5MHz / 64QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



B5 / 10MHz / 16QAM/ Low CH

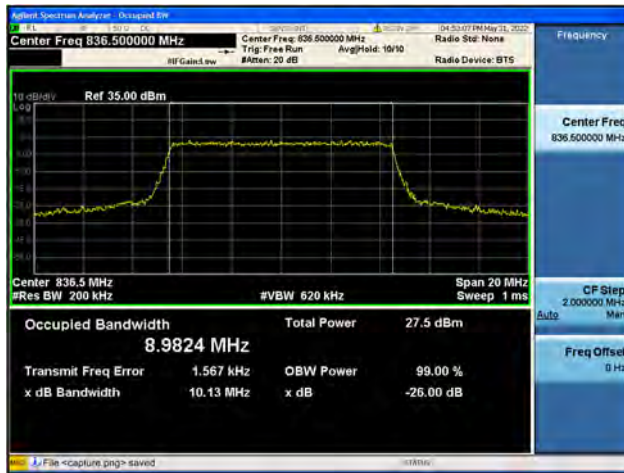


B5 / 10MHz / 64QAM/ Low CH

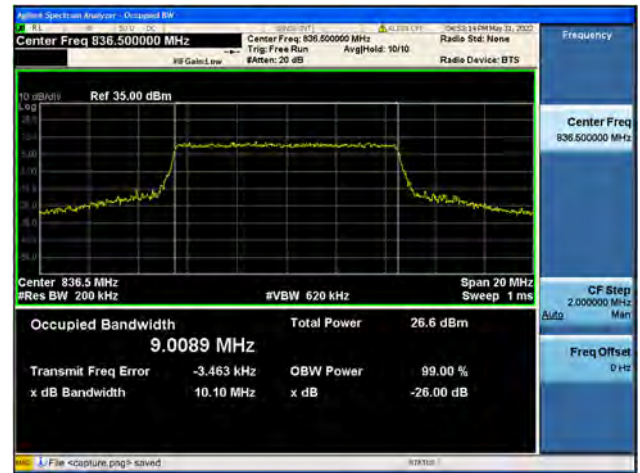




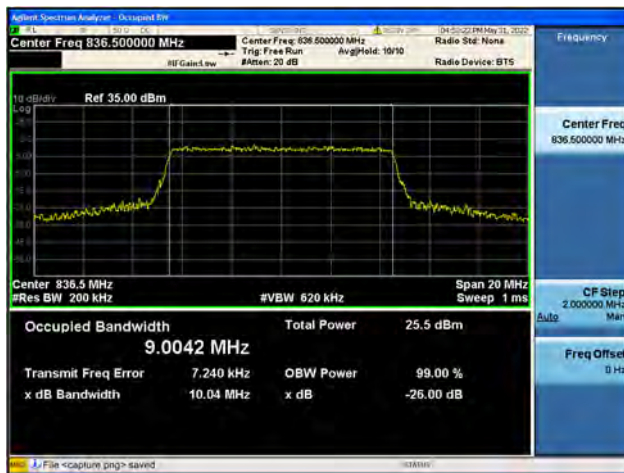
B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / 64QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH



B5 / 10MHz / 16QAM/ High CH



B5 / 10MHz / 64QAM/ High CH





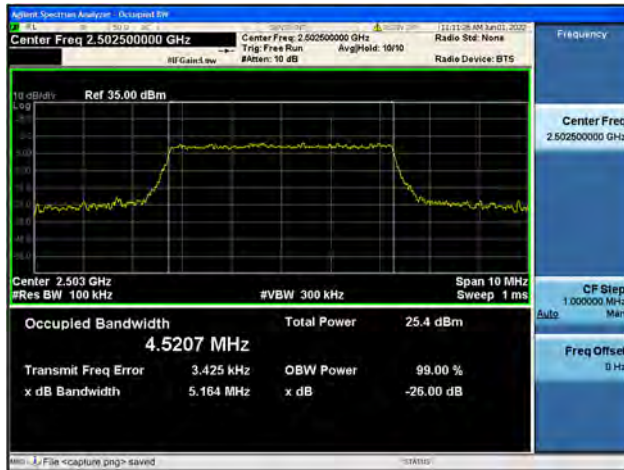
B7 / 5MHz / QPSK/ Low CH



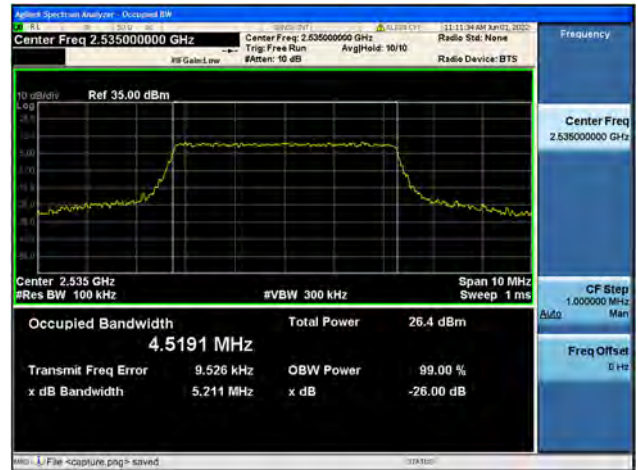
B7 / 5MHz / 16QAM/ Low CH



B7 / 5MHz / 64QAM/ Low CH



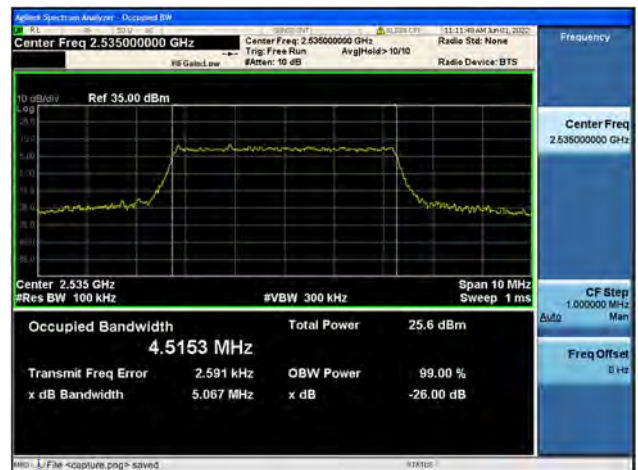
B7 / 5MHz / QPSK/ Mid CH



B7 / 5MHz / 16QAM/ Mid CH



B7 / 5MHz / 64QAM/ Mid CH





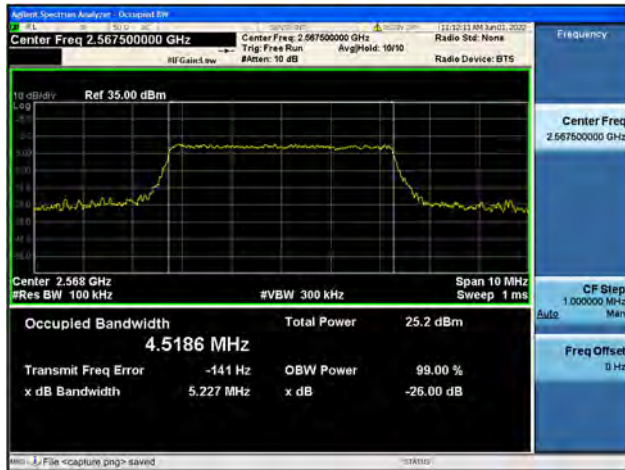
B7 / 5MHz / QPSK/ High CH



B7 / 5MHz / 16QAM/ High CH



B7 / 5MHz / 64QAM/ High CH



B7 / 10MHz / QPSK/ Low CH



B7 / 10MHz / 16QAM/ Low CH



B7 / 10MHz / 64QAM/ Low CH





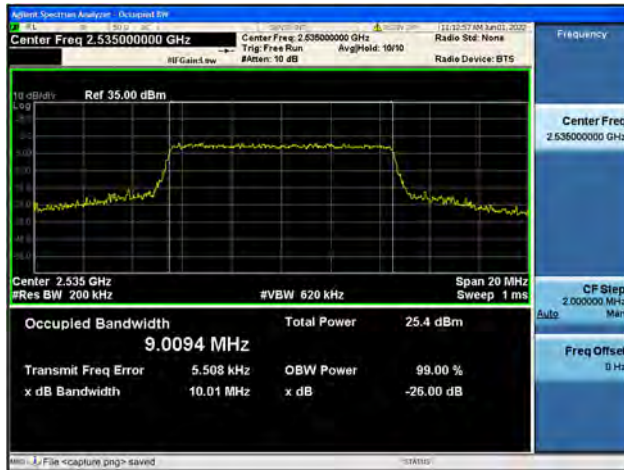
B7 / 10MHz / QPSK/ Mid CH



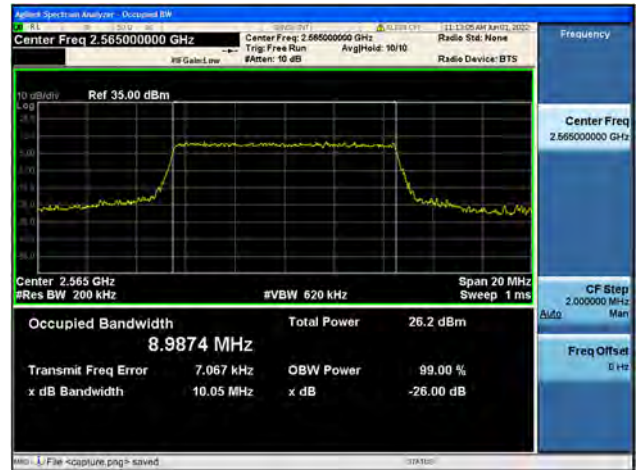
B7 / 10MHz / 16QAM/ Mid CH



B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / QPSK/ High CH



B7 / 10MHz / 16QAM/ High CH



B7 / 10MHz / 64QAM/ High CH





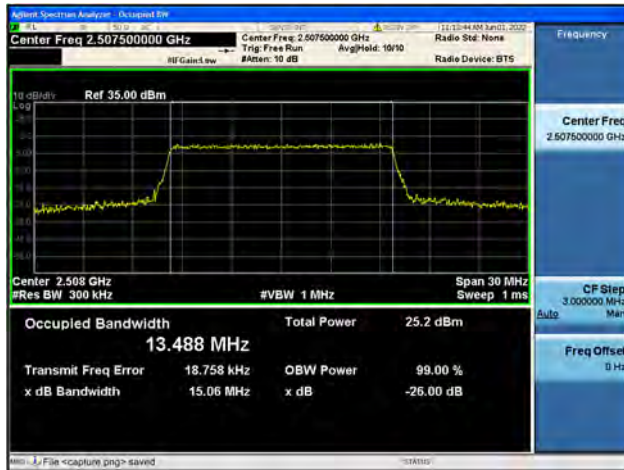
B7 / 15MHz / QPSK/ Low CH



B7 / 15MHz / 16QAM/ Low CH



B7 / 15MHz / 64QAM/ Low CH



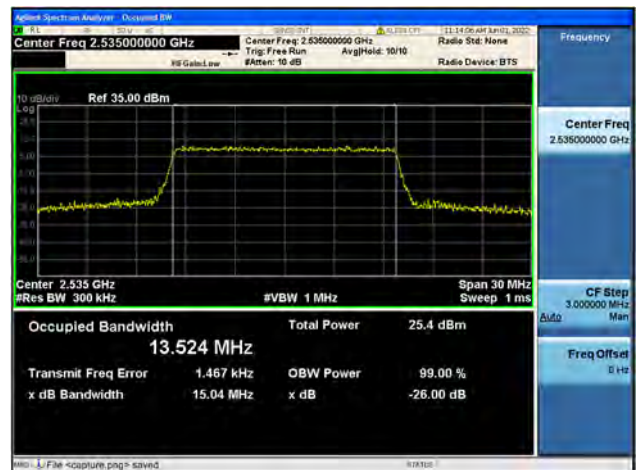
B7 / 15MHz / QPSK/ Mid CH



B7 / 15MHz / 16QAM/ Mid CH

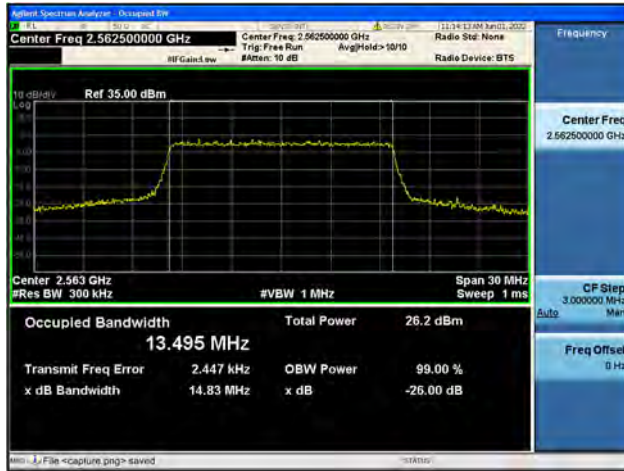


B7 / 15MHz / 64QAM/ Mid CH

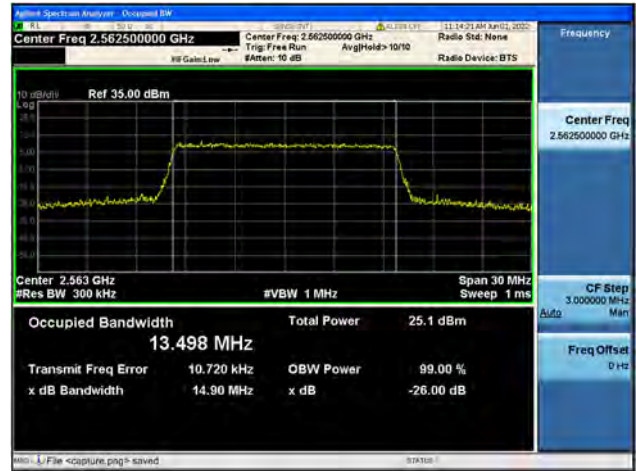




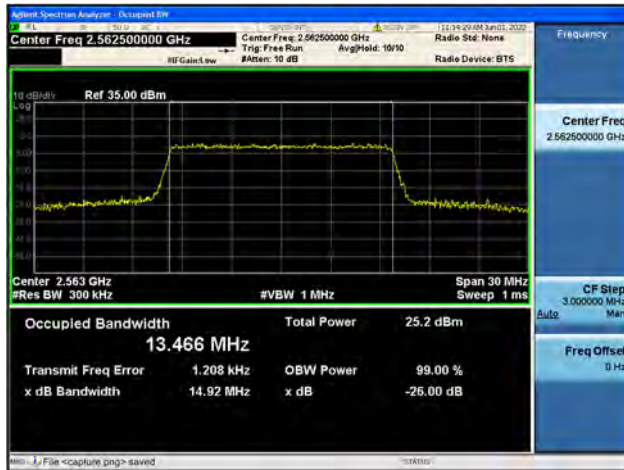
B7 / 15MHz / QPSK/ High CH



B7 / 15MHz / 16QAM/ High CH



B7 / 15MHz / 64QAM/ High CH



B7 / 20MHz / QPSK/ Low CH



B7 / 20MHz / 16QAM/ Low CH

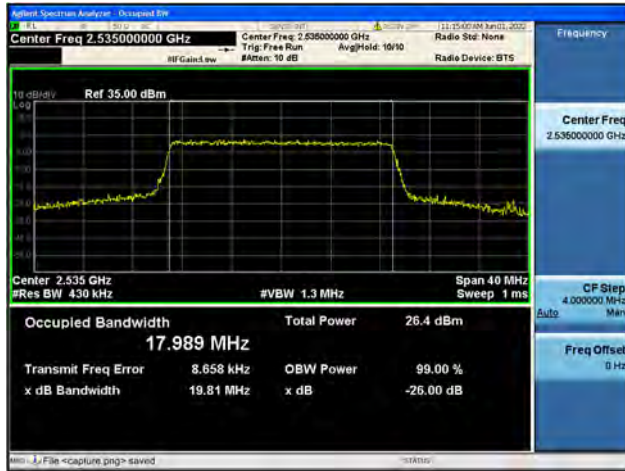


B7 / 20MHz / 64QAM/ Low CH





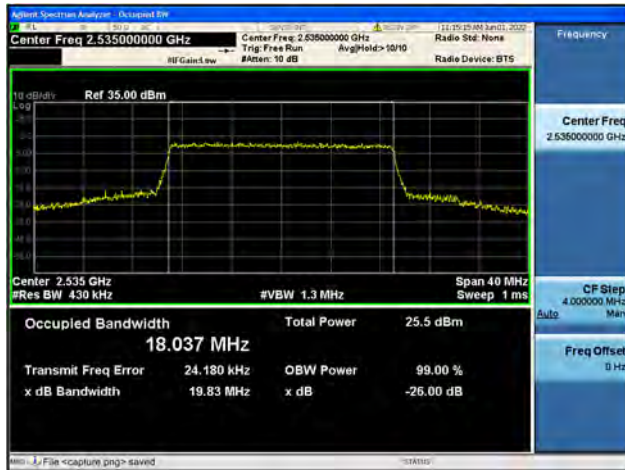
B7 / 20MHz / QPSK/ Mid CH



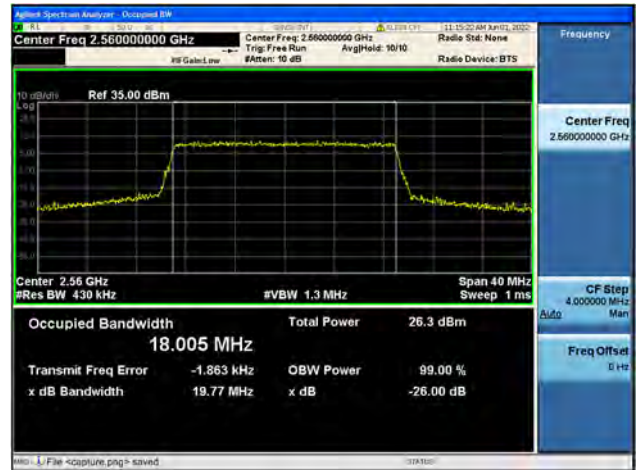
B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / 64QAM/ Mid CH



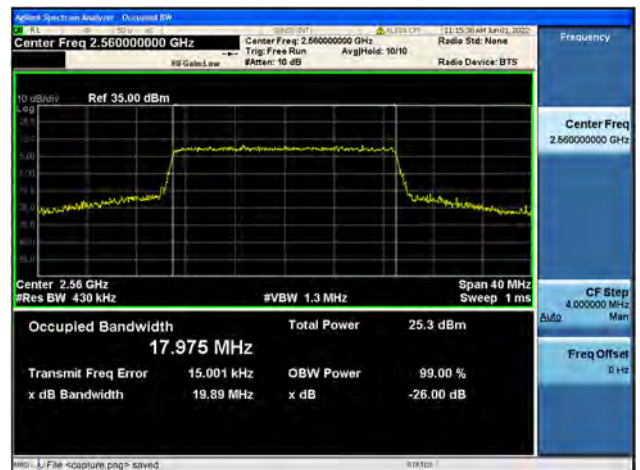
B7 / 20MHz / QPSK/ High CH



B7 / 20MHz / 16QAM/ High CH

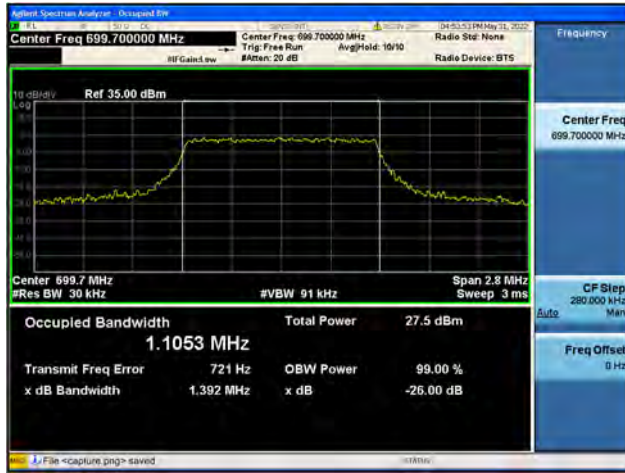


B7 / 20MHz / 64QAM/ High CH





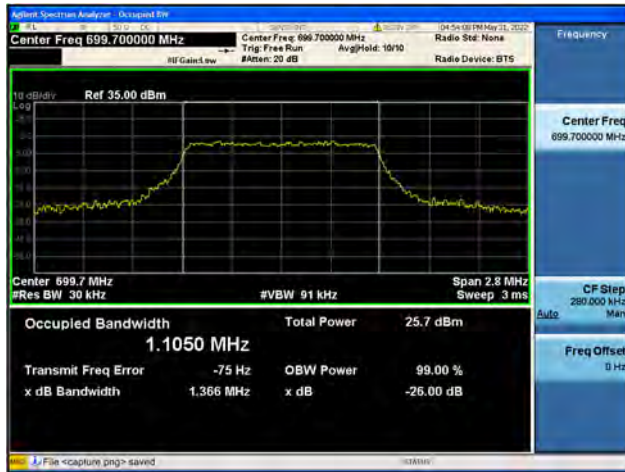
B12 / 1.4MHz / QPSK/ Low CH



B12 / 1.4MHz / 16QAM/ Low CH



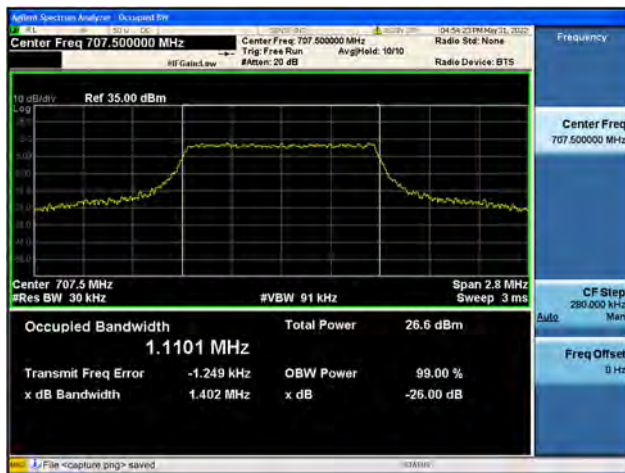
B12 / 1.4MHz / 64QAM/ Low CH



B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH

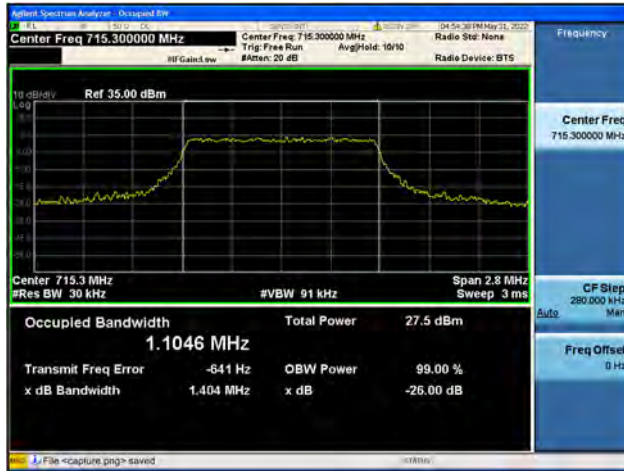


B12 / 1.4MHz / 64QAM/ Mid CH

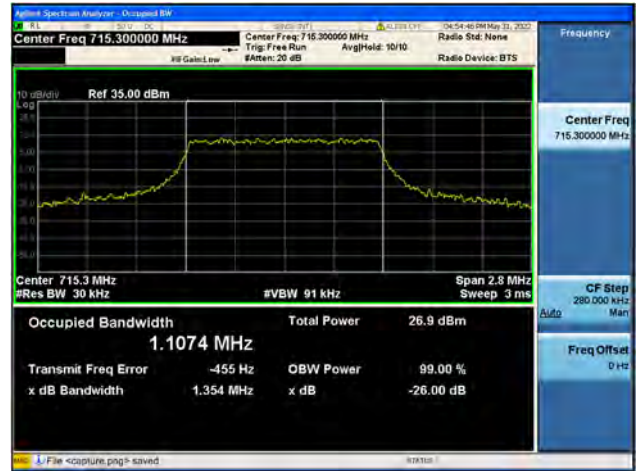




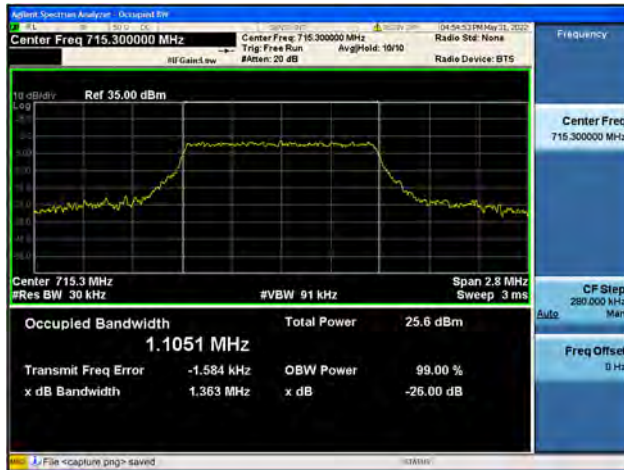
B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH



B12 / 1.4MHz / 64QAM/ High CH



B12 / 3MHz / QPSK/ Low CH



B12 / 3MHz / 16QAM/ Low CH



B12 / 3MHz / 64QAM/ Low CH





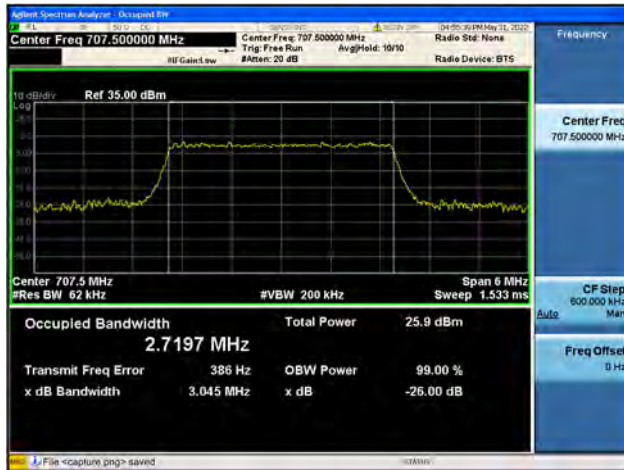
B12 / 3MHz / QPSK/ Mid CH



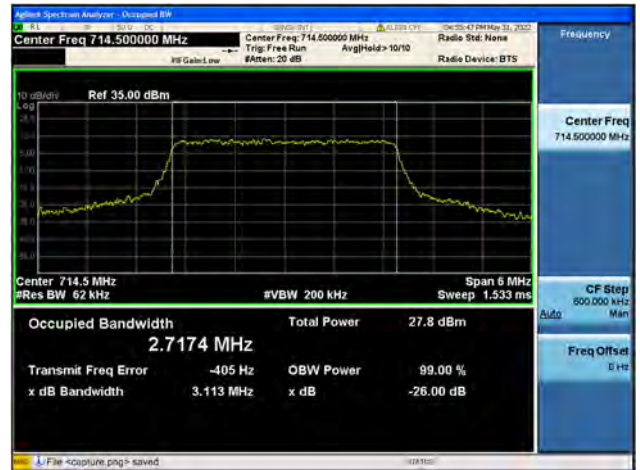
B12 / 3MHz / 16QAM/ Mid CH



B12 / 3MHz / 64QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH



B12 / 3MHz / 16QAM/ High CH

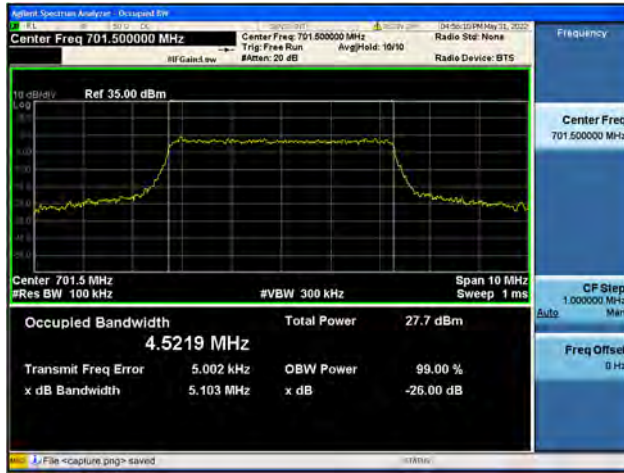


B12 / 3MHz / 64QAM/ High CH

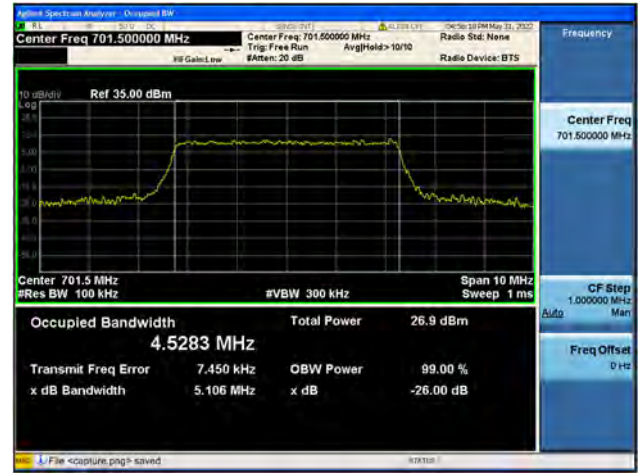




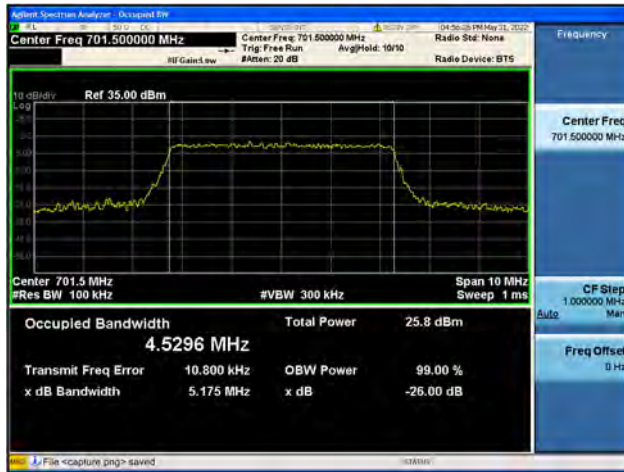
B12 / 5MHz / QPSK/ Low CH



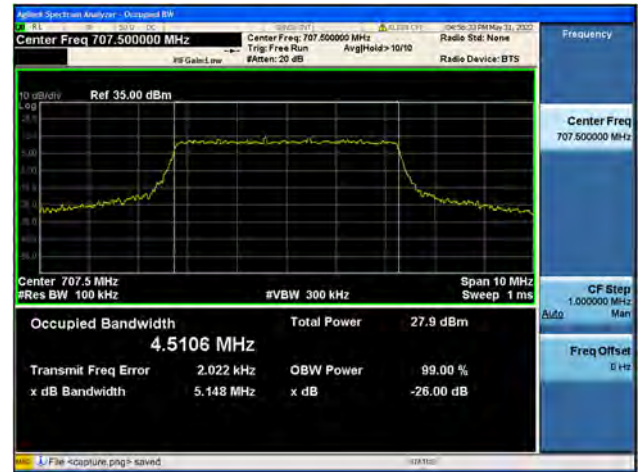
B12 / 5MHz / 16QAM/ Low CH



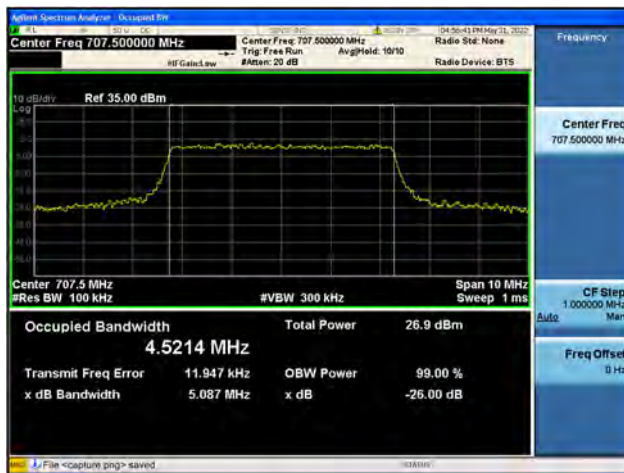
B12 / 5MHz / 64QAM/ Low CH



B12 / 5MHz / QPSK/ Mid CH



B12 / 5MHz / 16QAM/ Mid CH



B12 / 5MHz / 64QAM/ Mid CH

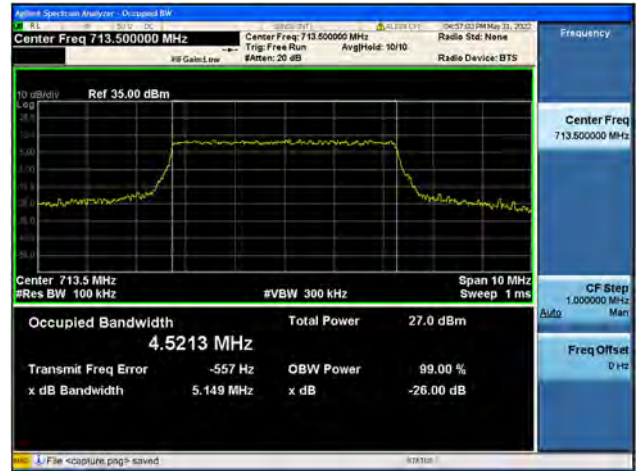




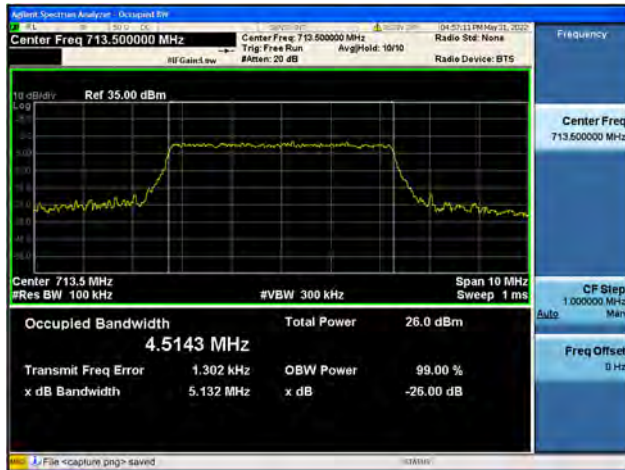
B12 / 5MHz / QPSK/ High CH



B12 / 5MHz / 16QAM/ High CH



B12 / 5MHz / 64QAM/ High CH



B12 / 10MHz / QPSK/ Low CH



B12 / 10MHz / 16QAM/ Low CH

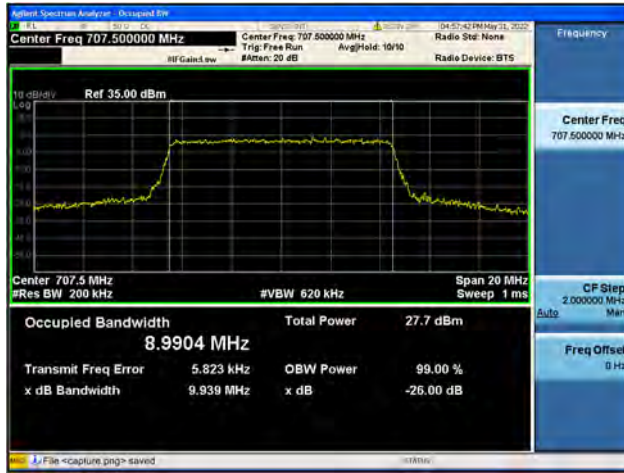


B12 / 10MHz / 64QAM/ Low CH

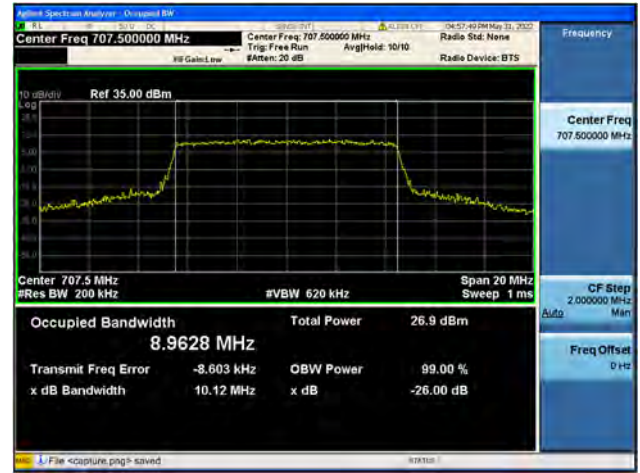




B12 / 10MHz / QPSK/ Mid CH



B12 / 10MHz / 16QAM/ Mid CH



B12 / 10MHz / 64QAM/ Mid CH



B12 / 10MHz / QPSK/ High CH



B12 / 10MHz / 16QAM/ High CH

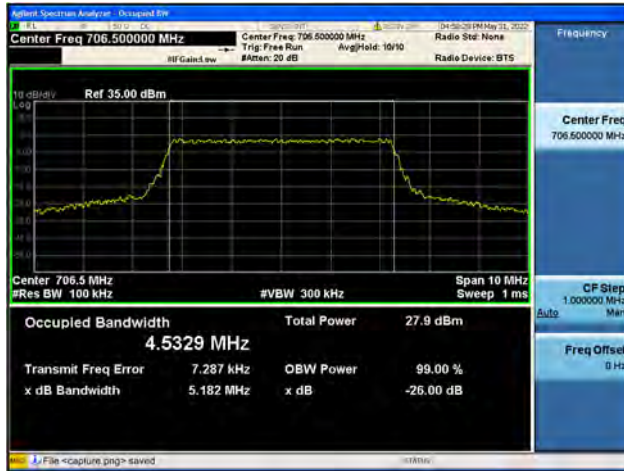


B12 / 10MHz / 64QAM/ High CH





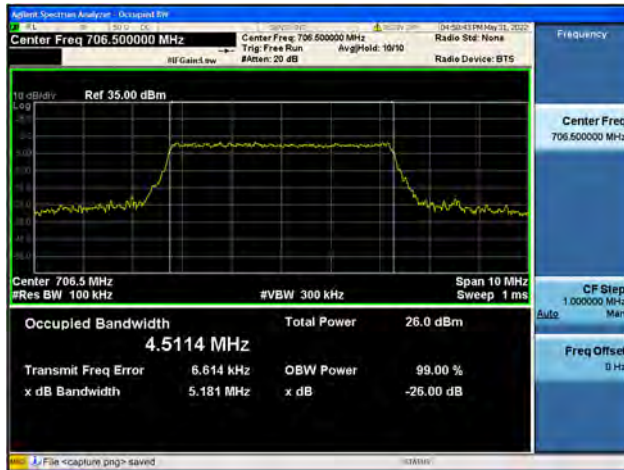
B17 / 5MHz / QPSK/ Low CH



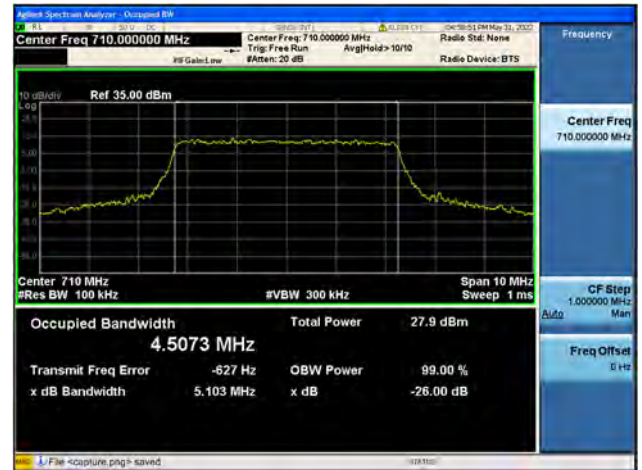
B17 / 5MHz / 16QAM/ Low CH



B17 / 5MHz / 64QAM/ Low CH



B17 / 5MHz / QPSK/ Mid CH



B17 / 5MHz / 16QAM/ Mid CH



B17 / 5MHz / 64QAM/ Mid CH





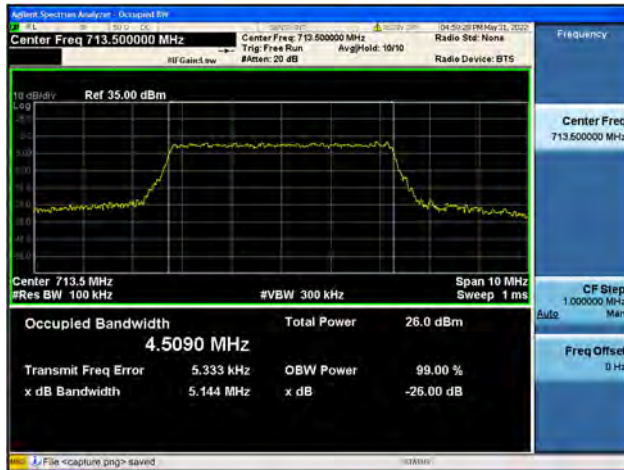
B17 / 5MHz / QPSK/ High CH



B17 / 5MHz / 16QAM/ High CH



B17 / 5MHz / 64QAM/ High CH



B17 / 10MHz / QPSK/ Low CH



B17 / 10MHz / 16QAM/ Low CH



B17 / 10MHz / 64QAM/ Low CH





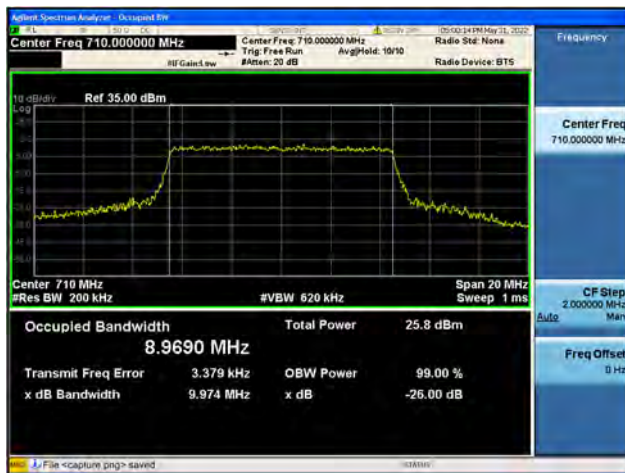
B17 / 10MHz / QPSK/ Mid CH



B17 / 10MHz / 16QAM/ Mid CH



B17 / 10MHz / 64QAM/ Mid CH



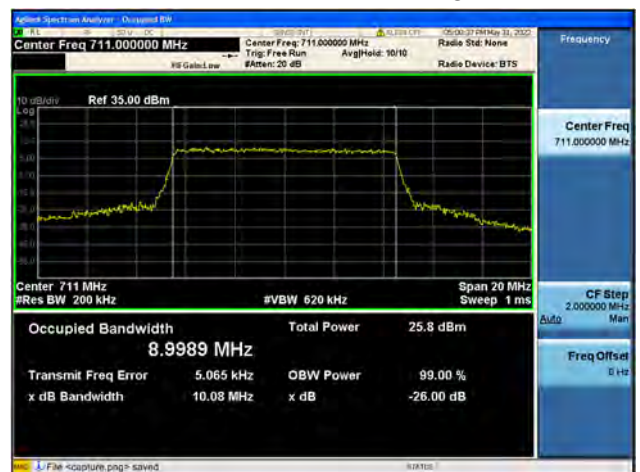
B17 / 10MHz / QPSK/ High CH



B17 / 10MHz / 16QAM/ High CH



B17 / 10MHz / 64QAM/ High CH





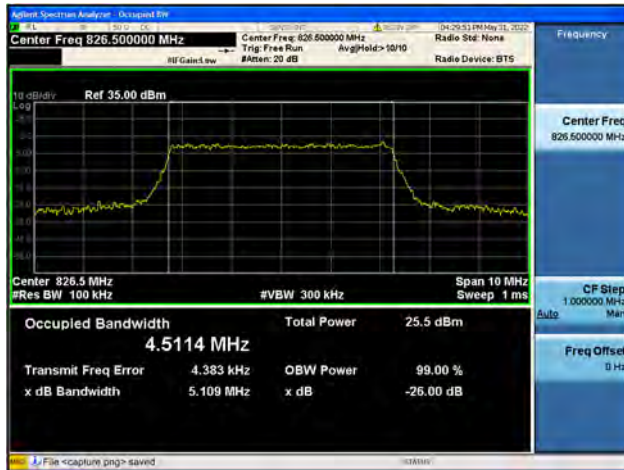
B18Part22 / 5MHz / QPSK/ Low CH



B18Part22 / 5MHz / 16QAM/ Low CH



B18Part22 / 5MHz / 64QAM/ Low CH



B18Part22 / 5MHz / QPSK/ Mid CH



B18Part22 / 5MHz / 16QAM/ Mid CH



B18Part22 / 5MHz / 64QAM/ Mid CH





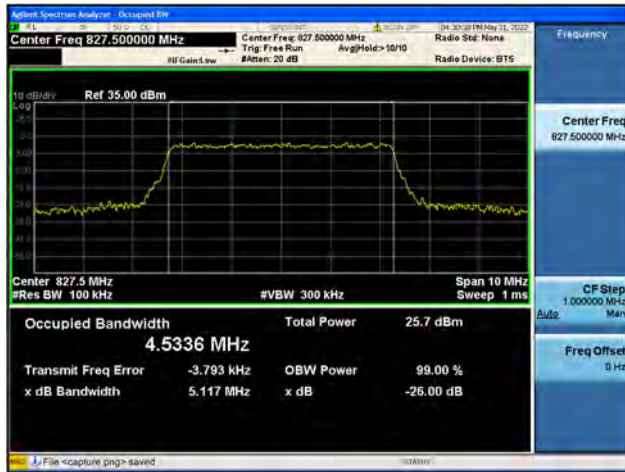
B18Part22 / 5MHz / QPSK/ High CH



B18Part22 / 5MHz / 16QAM/ High CH

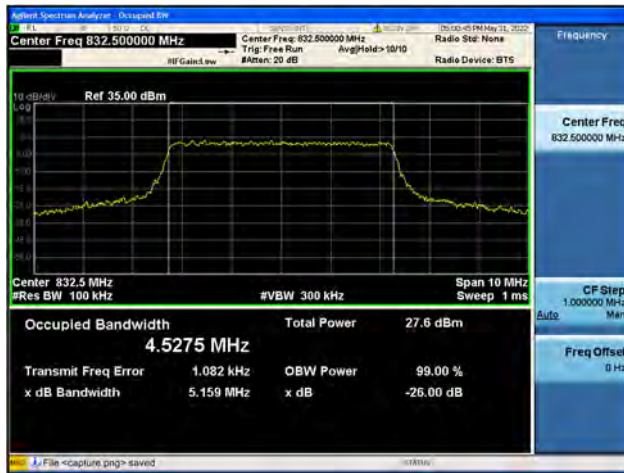


B18Part22 / 5MHz / 64QAM/ High CH





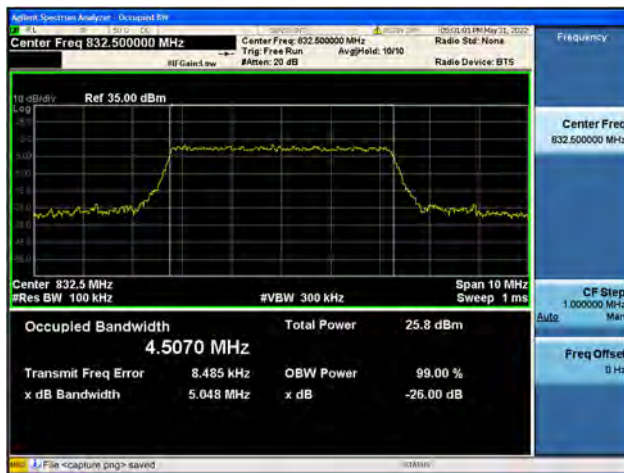
B19 / 5MHz / QPSK/ Low CH



B19 / 5MHz / 16QAM/ Low CH



B19 / 5MHz / 64QAM/ Low CH



B19 / 5MHz / QPSK/ Mid CH



B19 / 5MHz / 16QAM/ Mid CH



B19 / 5MHz / 64QAM/ Mid CH





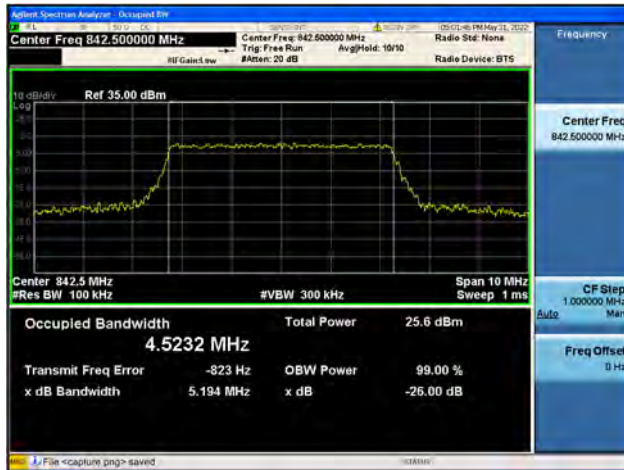
B19 / 5MHz / QPSK/ High CH



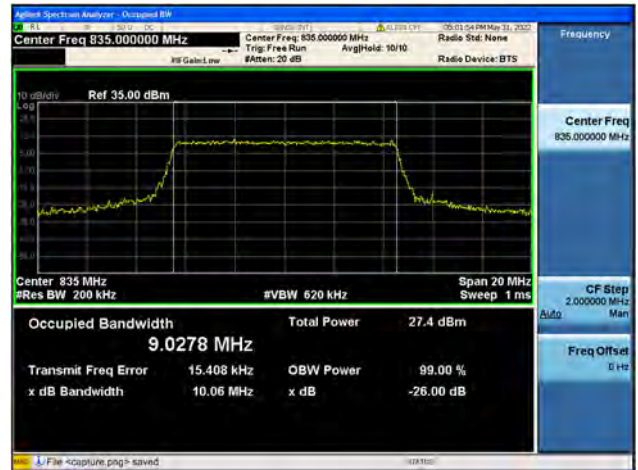
B19 / 5MHz / 16QAM/ High CH



B19 / 5MHz / 64QAM/ High CH



B19 / 10MHz / QPSK/ Low CH



B19 / 10MHz / 16QAM/ Low CH



B19 / 10MHz / 64QAM/ Low CH

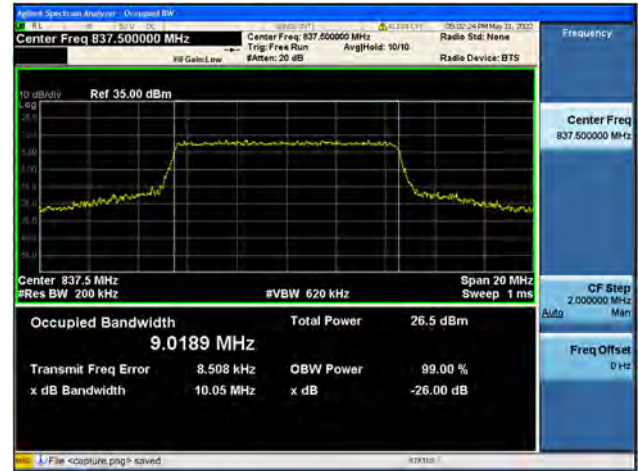




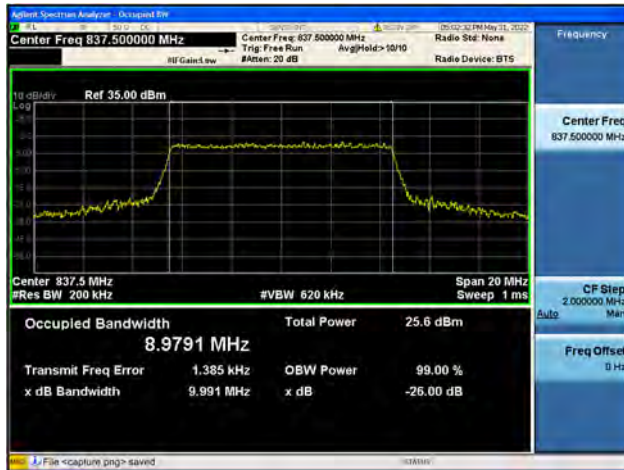
B19 / 10MHz / QPSK/ Mid CH



B19 / 10MHz / 16QAM/ Mid CH



B19 / 10MHz / 64QAM/ Mid CH



B19 / 10MHz / QPSK/ High CH



B19 / 10MHz / 16QAM/ High CH



B19 / 10MHz / 64QAM/ High CH





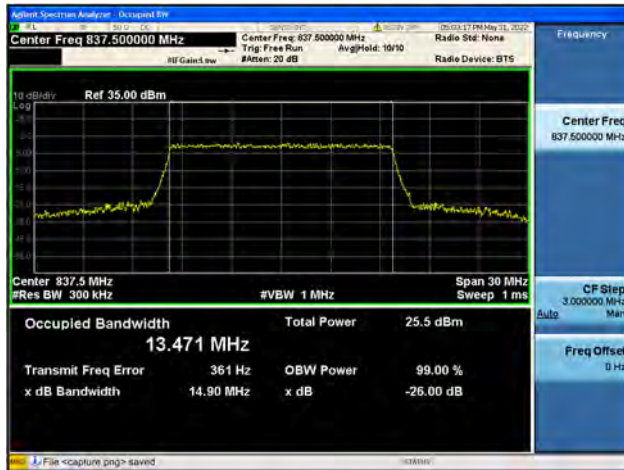
B19 / 15MHz / QPSK/ Low CH



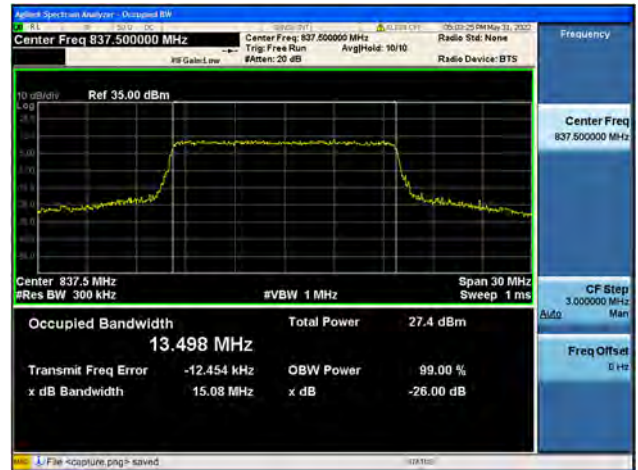
B19 / 15MHz / 16QAM/ Low CH



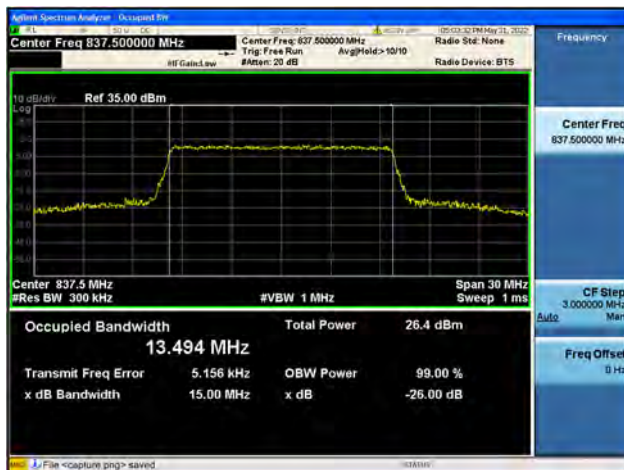
B19 / 15MHz / 64QAM/ Low CH



B19 / 15MHz / QPSK/ Mid CH



B19 / 15MHz / 16QAM/ Mid CH



B19 / 15MHz / 64QAM/ Mid CH





B19 / 15MHz / QPSK/ High CH



B19 / 15MHz / 16QAM/ High CH

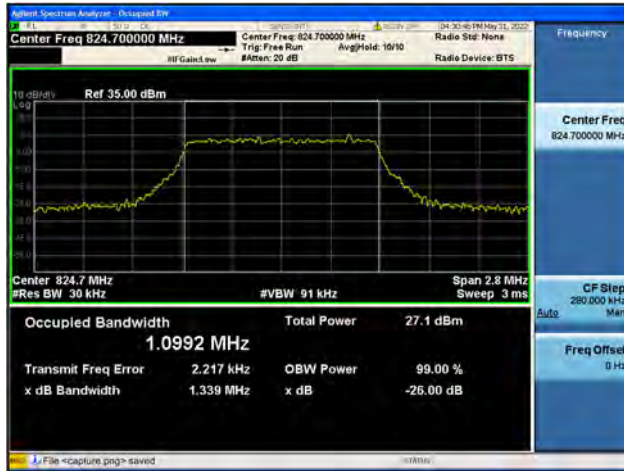


B19 / 15MHz / 64QAM/ High CH

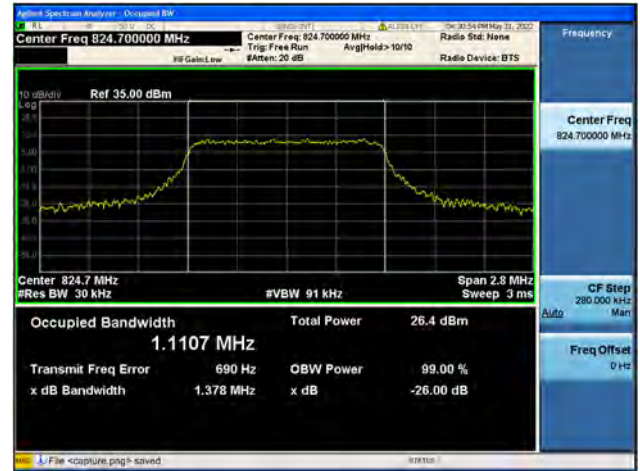




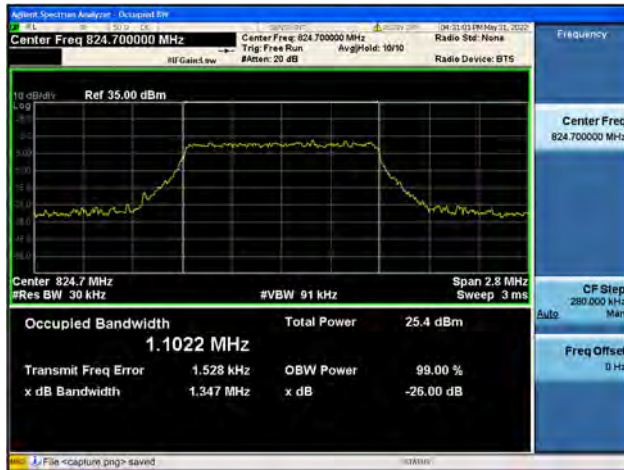
Band26 / 1.4MHz / Low CH / QPSK



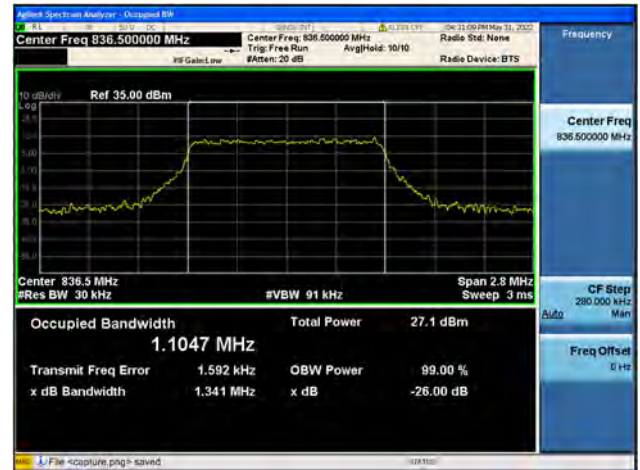
Band26 / 1.4MHz / Low CH / 16QAM



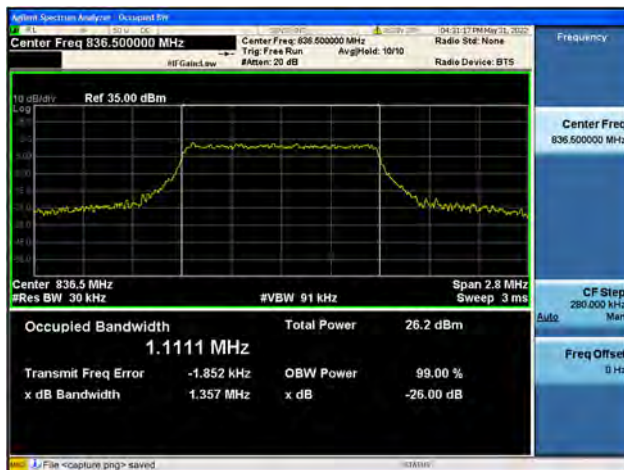
Band26 / 1.4MHz / Low CH / 64QAM



Band26 / 1.4MHz / Mid CH / QPSK



Band26 / 1.4MHz / Mid CH / 16QAM



Band26 / 1.4MHz / Mid CH / 64QAM

