



TEST REPORT

APPLICANT : Realme Chongqing Mobile
Telecommunications Corp., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : RMX3501

BRAND NAME : realme

FCC ID : 2AUYFRMX3501

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

RECEIPT DATE : 2021-12-13

TEST DATE : 2021-12-30 to 2022-01-10

ISSUE DATE : 2022-01-20

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| Change History | | |
|-----------------------|-------------|--------------------------|
| Version | Date | Reason for change |
| 1.0 | 2022-01-20 | First edition |
| | | |



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

| | |
|------------------------------|--|
| Applicant: | Realme Chongqing Mobile Telecommunications Corp., Ltd. |
| Applicant Address: | No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China |
| Manufacturer: | Realme Chongqing Mobile Telecommunications Corp., Ltd. |
| Manufacturer Address: | No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China |

1.2. Equipment Under Test (EUT) Description

| | | |
|--------------------------|---|---------------------|
| Product Name: | Mobile Phone | |
| Sample No.: | 10# | |
| Hardware Version: | 11 | |
| Software Version: | Android 11 | |
| Modulation Type: | QPSK, 16QAM, 64QAM | |
| Operation Band: | Band 2 / 4 / 5 / 7 / 12 / 17 / 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 |
| | LTE Band 26 | Tx: 824MHz–849MHz |
| | | Rx: 869MHz–894MHz |



| | | |
|---------------------------|---------------------|---|
| Frequency Range: | 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: 2535MHz–2655MHz | |
| | Rx: 2535MHz–2655MHz | |
| 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 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: | PIFA Antenna | |
| Antenna Gain: | LTE Band 2 | 1.1dBi |
| | LTE Band 4 | 1.1dBi |
| | LTE Band 5 | 0.5dBi |
| | LTE Band 7 | 1.1dBi |
| | LTE Band 12 | 0.5dBi |
| | LTE Band 17 | 0.5dBi |
| | LTE Band 26 | 0.5dBi |
| | LTE Band 38 | 1.1dBi |
| | LTE Band 40 | 1.1dBi |
| | LTE Band 41 | 1.1dBi |
| | LTE Band 66 | 1.1dBi |



| | | |
|-------------------------------|-------------------------------|------------------------------------|
| Accessory Information: | Battery 1 | |
| | Brand Name: | realme |
| | Model No.: | BLP877 |
| | Serial No.: | N/A |
| | Capacity: | Typical: 5000mAh, Rated: 4890mAh |
| | Rated Voltage: | 3.87V |
| | Charge Limit: | 4.45V |
| | Manufacturer: | Huizhou Desay Battery Co., Ltd |
| | Battery 2 | |
| | Brand Name: | realme |
| | Model No.: | BLP877 |
| | Serial No.: | N/A |
| | Capacity: | Typical: 5000mAh, Rated: 4890mAh |
| | Rated Voltage: | 3.87V |
| | Charge Limit: | 4.45V |
| | Manufacturer: | Dongguan NVT Technology Co., Ltd. |
| | Battery 3 | |
| | Brand Name: | realme |
| | Model No.: | BLP877 |
| | Serial No.: | N/A |
| | Capacity: | Typical: 5000mAh, Rated: 4890mAh |
| | Rated Voltage: | 3.87V |
| | Charge Limit: | 4.45V |
| | Manufacturer: | TWS Technology (Guangzhou) Limited |
| | AC Adapter 1 | |
| | Brand Name: | realme |
| Model No.: | OP52JAUH | |
| Serial No.: | N/A | |
| Rated Output: | 5V $\overline{\text{---}}$ 2A | |
| Rated Input: | 100-240V \sim 50/60Hz, 0.4A | |
| Manufacturer: | Ten Pao Industrial Co., Ltd. | |



| | | |
|-------------------------------|---|---|
| Accessory Information: | AC Adapter 2 | |
| | Brand Name: | realme |
| | Model No.: | OP52YAUH |
| | Serial No.: | N/A |
| | Rated Output: | 5V=2A |
| | Rated Input: | 100-240V~50/60Hz, 0.4A |
| | Manufacturer: | Jiangsu Chenyang Electron Co., Ltd. |
| | AC Adapter 3 | |
| | Brand Name: | realme |
| | Model No.: | OP52CAEH |
| | Serial No.: | N/A |
| | Rated Output: | 5V=2A |
| | Rated Input: | 100-240V~50/60Hz, 0.4A |
| | Manufacturer: | Dongguan YOHO Electronic Technology Co., Ltd. |
| | AC Adapter 4 | |
| | Brand Name: | realme |
| | Model No.: | OP52JAEH |
| | Serial No.: | N/A |
| | Rated Output: | 5V=2A |
| | Rated Input: | 100-240V~50/60Hz, 0.4A |
| | Manufacturer: | Ten Pao Industrial Co., Ltd. |
| | AC Adapter 5 | |
| | Brand Name: | realme |
| | Model No.: | OP52YAEH |
| | Serial No.: | N/A |
| | Rated Output: | 5V=2A |
| | Rated Input: | 100-240V~50/60Hz, 0.4A |
| | Manufacturer: | Jiangsu Chenyang Electron Co., Ltd. |
| | AC Adapter 6 | |
| | Brand Name: | realme |
| Model No.: | OP52CAED | |
| Serial No.: | N/A | |
| Rated Output: | 5V=2A | |
| Rated Input: | 100-240V~50/60Hz, 0.4A | |
| Manufacturer: | Dongguan YOHO Electronic Technology Co., Ltd. | |



| | | |
|-------------------------------|------------|-------|
| Accessory Information: | USB Cable | |
| | Model No.: | DL122 |
| | Earphone | |
| | Model No.: | MH156 |
| | Length: | 1.2m |

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 | 0.262 | 0.237 | 0.233 | 18M1G7D | 18M1W7D | 18M1W7D | |
| 15 | 0.259 | 0.226 | 0.231 | 13M5G7D | 13M5W7D | 13M5W7D | |
| 10 | 0.260 | 0.240 | 0.221 | 9M02G7D | 8M99W7D | 9M03W7D | |
| 5 | 0.259 | 0.240 | 0.235 | 4M50G7D | 4M51W7D | 4M50W7D | |
| 3 | 0.260 | 0.244 | 0.234 | 2M72G7D | 2M72W7D | 2M71W7D | |
| 1.4 | 0.258 | 0.216 | 0.223 | 1M10G7D | 1M10W7D | 1M10W7D | |
| 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 | 0.267 | 0.230 | 0.228 | 18M0G7D | 18M0W7D | 18M1W7D | |
| 15 | 0.264 | 0.220 | 0.227 | 13M5G7D | 13M5W7D | 13M5W7D | |
| 10 | 0.261 | 0.221 | 0.229 | 9M03G7D | 8M99W7D | 9M02W7D | |
| 5 | 0.260 | 0.221 | 0.226 | 4M50G7D | 4M51W7D | 4M50W7D | |
| 3 | 0.265 | 0.226 | 0.215 | 2M72G7D | 2M72W7D | 2M72W7D | |
| 1.4 | 0.259 | 0.226 | 0.216 | 1M10G7D | 1M10W7D | 1M10W7D | |
| 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 | 0.155 | 0.136 | 0.136 | 9M02G7D | 8M99W7D | 9M02W7D | |
| 5 | 0.153 | 0.139 | 0.134 | 4M50G7D | 4M51W7D | 4M51W7D | |
| 3 | 0.153 | 0.137 | 0.134 | 2M71G7D | 2M72W7D | 2M72W7D | |
| 1.4 | 0.154 | 0.139 | 0.132 | 1M10G7D | 1M10W7D | 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 | 0.264 | 0.224 | 0.225 | 18M0G7D | 18M0W7D | 18M1W7D | |
| 15 | 0.259 | 0.228 | 0.228 | 13M5G7D | 13M5W7D | 13M5W7D | |
| 10 | 0.259 | 0.228 | 0.217 | 9M02G7D | 8M99W7D | 9M01W7D | |
| 5 | 0.255 | 0.228 | 0.229 | 4M50G7D | 4M51W7D | 4M51W7D | |
| 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 | 0.155 | 0.125 | 0.127 | 9M03G7D | 8M99W7D | 9M02W7D | |
| 5 | 0.152 | 0.124 | 0.125 | 4M50G7D | 4M50W7D | 4M51W7D | |
| 3 | 0.153 | 0.124 | 0.122 | 2M72G7D | 2M71W7D | 2M72W7D | |
| 1.4 | 0.151 | 0.128 | 0.119 | 1M10G7D | 1M10W7D | 1M10W7D | |



| 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 | 0.156 | 0.126 | 0.129 | 8M99G7D | 8M96W7D | 9M00W7D |
| 5 | 0.153 | 0.138 | 0.129 | 4M50G7D | 4M51W7D | 4M51W7D |
| 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 | 0.155 | 0.135 | 0.115 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | 0.151 | 0.131 | 0.112 | 9M03G7D | 8M99W7D | 9M03W7D |
| 5 | 0.152 | 0.128 | 0.110 | 4M51G7D | 4M50W7D | 4M50W7D |
| 3 | 0.153 | 0.130 | 0.115 | 2M72G7D | 2M72W7D | 2M71W7D |
| 1.4 | 0.151 | 0.126 | 0.117 | 1M10G7D | 1M10W7D | 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 | 0.299 | 0.254 | 0.192 | 18M0G7D | 18M0W7D | 18M0W7D |
| 15 | 0.294 | 0.253 | 0.192 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | 0.294 | 0.247 | 0.195 | 8M98G7D | 8M99W7D | 9M01W7D |
| 5 | 0.290 | 0.255 | 0.191 | 4M51G7D | 4M52W7D | 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 | 0.247 | 0.206 | 0.204 | 8M98G7D | 8M97W7D | 8M99W7D |
| 5 | 0.242 | 0.202 | 0.202 | 4M51G7D | 4M51W7D | 4M51W7D |
| 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 | 0.245 | 0.202 | 0.210 | 9M00G7D | 8M98W7D | 9M01W7D |
| 5 | 0.241 | 0.216 | 0.217 | 4M52G7D | 4M51W7D | 4M52W7D |
| 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 | 0.265 | 0.226 | 0.221 | 18M0G7D | 18M0W7D | 18M0W7D |
| 15 | 0.262 | 0.231 | 0.237 | 13M5G7D | 13M5W7D | 13M6W7D |
| 10 | 0.262 | 0.231 | 0.230 | 9M00G7D | 9M00W7D | 9M00W7D |
| 5 | 0.258 | 0.239 | 0.234 | 4M51G7D | 4M51W7D | 4M50W7D |



| LTE Band 66 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
|-------------|-----------------------------|-------|-------|------------------------------|---------|---------|
| | BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM |
| 20 | 0.261 | 0.221 | 0.228 | 18M0G7D | 18M0W7D | 18M0W7D |
| 15 | 0.258 | 0.218 | 0.223 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | 0.251 | 0.230 | 0.217 | 9M02G7D | 8M98W7D | 9M03W7D |
| 5 | 0.248 | 0.231 | 0.220 | 4M50G7D | 4M50W7D | 4M51W7D |
| 3 | 0.246 | 0.220 | 0.219 | 2M72G7D | 2M71W7D | 2M71W7D |
| 1.4 | 0.247 | 0.225 | 0.221 | 1M10G7D | 1M10W7D | 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)(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. | Dec 30, 2021 Jan 05, 2022 | Chen Hao Li Huaijie | PASS | No deviation |
| 2.1049 | Occupied Bandwidth | Dec 31, 2021 Jan 04, 2022 | Li Huaijie | PASS | No deviation |
| 2.1055 22.355 24.235 27.54 | Frequency Stability | Jan 05, 2022 | Li Huaijie | PASS | No deviation |
| 24.232(d), 27.50(d)(5) | Peak to Average Radio | Jan 04, 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 | Dec 29, 2021 Jan 05&06, 2022 | Li Huaijie | PASS | No deviation |
| 2.1051 22.917(a) | Band Edge | Dec 29&30, 2021 | Li Huaijie | PASS | No deviation |



| | | | | | |
|--|-----------------------------------|-----------------|---------|------|-----------------|
| 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4) | | | | | |
| 2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4) | Radiated Spurious Emissions | Jan 08&10, 2022 | Su Zhan | 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 D&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.

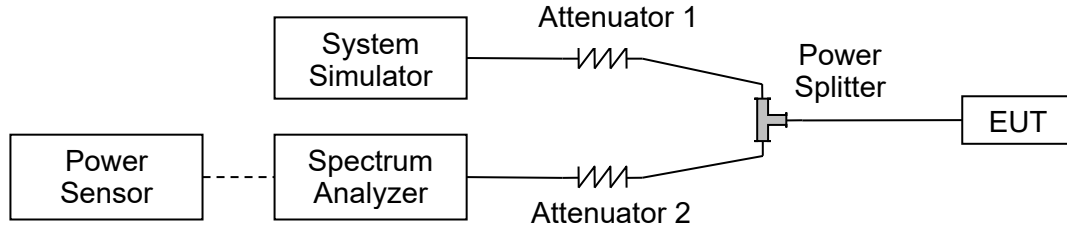
According to FCC section 22.913 (a)(2) for LTE Band 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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 | 23.06 | 23.09 | 23.03 |
| 20 | QPSK | 1 | 49 | 23.04 | 22.98 | 22.91 |
| 20 | QPSK | 1 | 99 | 22.98 | 22.94 | 22.92 |
| 20 | QPSK | 50 | 0 | 22.26 | 22.35 | 22.28 |
| 20 | QPSK | 50 | 24 | 22.27 | 22.32 | 22.32 |
| 20 | QPSK | 50 | 50 | 22.32 | 22.28 | 22.34 |
| 20 | QPSK | 100 | 0 | 22.25 | 22.34 | 22.30 |
| 20 | 16QAM | 1 | 0 | 22.31 | 22.31 | 22.33 |
| 20 | 16QAM | 1 | 49 | 22.15 | 22.45 | 22.41 |
| 20 | 16QAM | 1 | 99 | 22.40 | 22.25 | 22.65 |
| 20 | 16QAM | 50 | 0 | 22.33 | 22.30 | 22.28 |
| 20 | 16QAM | 50 | 24 | 22.29 | 22.34 | 22.35 |
| 20 | 16QAM | 50 | 50 | 22.37 | 22.34 | 22.41 |
| 20 | 16QAM | 100 | 0 | 22.40 | 22.41 | 22.28 |
| 20 | 64QAM | 1 | 0 | 22.35 | 22.54 | 22.28 |
| 20 | 64QAM | 1 | 49 | 22.30 | 22.48 | 22.39 |
| 20 | 64QAM | 1 | 99 | 22.25 | 22.58 | 22.58 |
| 20 | 64QAM | 50 | 0 | 22.35 | 22.27 | 22.32 |
| 20 | 64QAM | 50 | 24 | 22.38 | 22.32 | 22.37 |
| 20 | 64QAM | 50 | 50 | 22.37 | 22.38 | 22.32 |
| 20 | 64QAM | 100 | 0 | 22.25 | 22.22 | 22.23 |



| 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 | 22.87 | 22.90 | 22.81 |
| 15 | QPSK | 1 | 37 | 22.66 | 23.02 | 22.90 |
| 15 | QPSK | 1 | 74 | 23.03 | 22.95 | 23.03 |
| 15 | QPSK | 36 | 0 | 22.12 | 22.21 | 22.20 |
| 15 | QPSK | 36 | 20 | 22.11 | 22.30 | 22.27 |
| 15 | QPSK | 36 | 39 | 22.23 | 22.24 | 22.21 |
| 15 | QPSK | 75 | 0 | 22.15 | 22.21 | 22.17 |
| 15 | 16QAM | 1 | 0 | 22.24 | 22.32 | 22.26 |
| 15 | 16QAM | 1 | 37 | 22.37 | 22.40 | 22.26 |
| 15 | 16QAM | 1 | 74 | 22.32 | 22.44 | 22.44 |
| 15 | 16QAM | 36 | 0 | 22.11 | 22.16 | 22.19 |
| 15 | 16QAM | 36 | 20 | 22.20 | 22.13 | 22.26 |
| 15 | 16QAM | 36 | 39 | 22.25 | 22.34 | 22.31 |
| 15 | 16QAM | 75 | 0 | 22.12 | 22.14 | 22.23 |
| 15 | 64QAM | 1 | 0 | 22.32 | 22.08 | 22.14 |
| 15 | 64QAM | 1 | 37 | 22.31 | 22.12 | 22.54 |
| 15 | 64QAM | 1 | 74 | 22.20 | 22.24 | 22.39 |
| 15 | 64QAM | 36 | 0 | 22.05 | 22.22 | 22.10 |
| 15 | 64QAM | 36 | 20 | 22.25 | 22.27 | 22.17 |
| 15 | 64QAM | 36 | 39 | 22.13 | 22.18 | 22.27 |
| 15 | 64QAM | 75 | 0 | 22.12 | 22.19 | 22.18 |



| 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 | 22.84 | 22.83 | 22.93 |
| 10 | QPSK | 1 | 25 | 22.95 | 23.05 | 22.93 |
| 10 | QPSK | 1 | 49 | 22.84 | 22.92 | 22.84 |
| 10 | QPSK | 25 | 0 | 22.23 | 22.24 | 22.20 |
| 10 | QPSK | 25 | 12 | 22.19 | 22.31 | 22.24 |
| 10 | QPSK | 25 | 25 | 22.10 | 22.23 | 22.19 |
| 10 | QPSK | 50 | 0 | 22.16 | 22.25 | 22.23 |
| 10 | 16QAM | 1 | 0 | 22.64 | 22.57 | 22.56 |
| 10 | 16QAM | 1 | 25 | 22.33 | 22.29 | 22.36 |
| 10 | 16QAM | 1 | 49 | 22.28 | 22.36 | 22.15 |
| 10 | 16QAM | 25 | 0 | 22.18 | 22.17 | 22.14 |
| 10 | 16QAM | 25 | 12 | 22.34 | 22.14 | 22.14 |
| 10 | 16QAM | 25 | 25 | 22.14 | 22.34 | 22.44 |
| 10 | 16QAM | 50 | 0 | 22.71 | 22.64 | 22.68 |
| 10 | 64QAM | 1 | 0 | 22.22 | 22.27 | 22.27 |
| 10 | 64QAM | 1 | 25 | 22.25 | 22.30 | 22.34 |
| 10 | 64QAM | 1 | 49 | 21.92 | 22.05 | 22.02 |
| 10 | 64QAM | 25 | 0 | 22.22 | 22.26 | 22.27 |
| 10 | 64QAM | 25 | 12 | 22.25 | 22.23 | 22.24 |
| 10 | 64QAM | 25 | 25 | 22.18 | 21.96 | 22.18 |
| 10 | 64QAM | 50 | 0 | 22.19 | 22.19 | 22.16 |



| 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 | | | | 18625 | 18900 | 19175 |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 |
| 5 | QPSK | 1 | 0 | 22.98 | 23.03 | 22.97 |
| 5 | QPSK | 1 | 12 | 22.97 | 22.92 | 22.95 |
| 5 | QPSK | 1 | 24 | 22.93 | 23.01 | 23.02 |
| 5 | QPSK | 12 | 0 | 22.22 | 22.13 | 22.20 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.28 | 22.20 |
| 5 | QPSK | 12 | 13 | 22.22 | 22.21 | 22.24 |
| 5 | QPSK | 25 | 0 | 22.21 | 22.19 | 22.21 |
| 5 | 16QAM | 1 | 0 | 22.34 | 22.24 | 22.62 |
| 5 | 16QAM | 1 | 12 | 22.32 | 22.25 | 22.62 |
| 5 | 16QAM | 1 | 24 | 22.35 | 22.22 | 22.61 |
| 5 | 16QAM | 12 | 0 | 22.44 | 22.58 | 22.44 |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.34 | 22.14 |
| 5 | 16QAM | 12 | 13 | 22.14 | 22.47 | 22.24 |
| 5 | 16QAM | 25 | 0 | 22.24 | 22.70 | 22.68 |
| 5 | 64QAM | 1 | 0 | 22.44 | 22.16 | 22.21 |
| 5 | 64QAM | 1 | 12 | 22.60 | 22.26 | 22.37 |
| 5 | 64QAM | 1 | 24 | 22.61 | 22.25 | 22.27 |
| 5 | 64QAM | 12 | 0 | 22.26 | 22.19 | 22.18 |
| 5 | 64QAM | 12 | 7 | 22.32 | 22.16 | 22.16 |
| 5 | 64QAM | 12 | 13 | 22.29 | 22.25 | 22.23 |
| 5 | 64QAM | 25 | 0 | 22.36 | 22.16 | 22.23 |



| 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 | 22.92 | 22.99 | 22.91 |
| 3 | QPSK | 1 | 8 | 23.02 | 23.05 | 22.88 |
| 3 | QPSK | 1 | 14 | 23.03 | 22.90 | 22.90 |
| 3 | QPSK | 8 | 0 | 22.10 | 22.05 | 22.07 |
| 3 | QPSK | 8 | 4 | 22.16 | 22.10 | 22.11 |
| 3 | QPSK | 8 | 7 | 22.16 | 22.10 | 22.06 |
| 3 | QPSK | 15 | 0 | 22.08 | 22.16 | 22.09 |
| 3 | 16QAM | 1 | 0 | 22.24 | 22.15 | 22.09 |
| 3 | 16QAM | 1 | 8 | 22.28 | 22.22 | 22.18 |
| 3 | 16QAM | 1 | 14 | 22.21 | 22.18 | 22.06 |
| 3 | 16QAM | 8 | 0 | 22.64 | 22.77 | 22.69 |
| 3 | 16QAM | 8 | 4 | 22.71 | 22.68 | 22.74 |
| 3 | 16QAM | 8 | 7 | 22.61 | 22.66 | 22.69 |
| 3 | 16QAM | 15 | 0 | 22.64 | 22.68 | 22.63 |
| 3 | 64QAM | 1 | 0 | 22.17 | 22.10 | 22.13 |
| 3 | 64QAM | 1 | 8 | 22.59 | 22.58 | 22.18 |
| 3 | 64QAM | 1 | 14 | 22.20 | 22.56 | 22.20 |
| 3 | 64QAM | 8 | 0 | 22.12 | 22.14 | 21.98 |
| 3 | 64QAM | 8 | 4 | 22.22 | 22.12 | 22.12 |
| 3 | 64QAM | 8 | 7 | 22.32 | 22.21 | 22.07 |
| 3 | 64QAM | 15 | 0 | 22.17 | 22.17 | 22.15 |



| 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 | | | | 18607 | 18900 | 19193 |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 |
| 1.4 | QPSK | 1 | 0 | 22.98 | 23.01 | 22.96 |
| 1.4 | QPSK | 1 | 3 | 22.88 | 22.86 | 22.85 |
| 1.4 | QPSK | 1 | 5 | 22.85 | 22.83 | 22.81 |
| 1.4 | QPSK | 3 | 0 | 22.85 | 22.85 | 22.81 |
| 1.4 | QPSK | 3 | 1 | 22.89 | 22.86 | 22.84 |
| 1.4 | QPSK | 3 | 3 | 22.91 | 22.95 | 22.84 |
| 1.4 | QPSK | 6 | 0 | 22.06 | 22.04 | 22.03 |
| 1.4 | 16QAM | 1 | 0 | 22.09 | 22.09 | 22.03 |
| 1.4 | 16QAM | 1 | 3 | 22.05 | 22.25 | 22.23 |
| 1.4 | 16QAM | 1 | 5 | 21.93 | 22.13 | 21.81 |
| 1.4 | 16QAM | 3 | 0 | 21.95 | 22.00 | 21.97 |
| 1.4 | 16QAM | 3 | 1 | 22.13 | 21.95 | 22.00 |
| 1.4 | 16QAM | 3 | 3 | 22.15 | 22.12 | 21.86 |
| 1.4 | 16QAM | 6 | 0 | 22.16 | 22.09 | 22.04 |
| 1.4 | 64QAM | 1 | 0 | 22.04 | 21.96 | 21.99 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.27 | 22.15 |
| 1.4 | 64QAM | 1 | 5 | 22.04 | 22.39 | 21.98 |
| 1.4 | 64QAM | 3 | 0 | 22.07 | 22.13 | 22.14 |
| 1.4 | 64QAM | 3 | 1 | 22.16 | 22.13 | 22.34 |
| 1.4 | 64QAM | 3 | 3 | 22.08 | 22.22 | 21.99 |
| 1.4 | 64QAM | 6 | 0 | 22.13 | 22.16 | 22.05 |



| 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 | 23.09 | 23.17 | 23.16 |
| 20 | QPSK | 1 | 49 | 22.95 | 23.03 | 23.02 |
| 20 | QPSK | 1 | 99 | 22.87 | 23.00 | 23.12 |
| 20 | QPSK | 50 | 0 | 22.16 | 22.29 | 22.26 |
| 20 | QPSK | 50 | 24 | 22.16 | 22.24 | 22.24 |
| 20 | QPSK | 50 | 50 | 22.05 | 22.16 | 22.17 |
| 20 | QPSK | 100 | 0 | 22.15 | 22.19 | 22.26 |
| 20 | 16QAM | 1 | 0 | 22.02 | 22.32 | 22.19 |
| 20 | 16QAM | 1 | 49 | 22.17 | 21.94 | 22.08 |
| 20 | 16QAM | 1 | 99 | 21.96 | 22.18 | 22.02 |
| 20 | 16QAM | 50 | 0 | 22.15 | 22.08 | 22.22 |
| 20 | 16QAM | 50 | 24 | 22.41 | 22.52 | 22.41 |
| 20 | 16QAM | 50 | 50 | 22.37 | 22.38 | 22.38 |
| 20 | 16QAM | 100 | 0 | 22.39 | 22.47 | 22.48 |
| 20 | 64QAM | 1 | 0 | 22.13 | 22.24 | 22.46 |
| 20 | 64QAM | 1 | 49 | 22.17 | 22.10 | 21.98 |
| 20 | 64QAM | 1 | 99 | 22.44 | 22.01 | 22.48 |
| 20 | 64QAM | 50 | 0 | 22.14 | 22.23 | 22.18 |
| 20 | 64QAM | 50 | 24 | 22.16 | 22.27 | 22.21 |
| 20 | 64QAM | 50 | 50 | 22.20 | 22.15 | 22.17 |
| 20 | 64QAM | 100 | 0 | 22.23 | 22.21 | 22.30 |



| 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 | 22.96 | 23.00 | 23.10 |
| 15 | QPSK | 1 | 37 | 23.00 | 23.09 | 23.01 |
| 15 | QPSK | 1 | 74 | 22.87 | 23.09 | 23.12 |
| 15 | QPSK | 36 | 0 | 22.10 | 22.17 | 22.20 |
| 15 | QPSK | 36 | 20 | 22.14 | 22.27 | 22.23 |
| 15 | QPSK | 36 | 39 | 22.19 | 22.18 | 22.27 |
| 15 | QPSK | 75 | 0 | 22.14 | 22.16 | 22.17 |
| 15 | 16QAM | 1 | 0 | 22.08 | 22.30 | 22.02 |
| 15 | 16QAM | 1 | 37 | 22.16 | 22.16 | 22.00 |
| 15 | 16QAM | 1 | 74 | 22.02 | 22.32 | 22.11 |
| 15 | 16QAM | 36 | 0 | 22.03 | 22.05 | 22.24 |
| 15 | 16QAM | 36 | 20 | 21.98 | 22.05 | 22.11 |
| 15 | 16QAM | 36 | 39 | 21.94 | 22.03 | 22.09 |
| 15 | 16QAM | 75 | 0 | 22.05 | 22.06 | 22.15 |
| 15 | 64QAM | 1 | 0 | 22.00 | 22.31 | 22.36 |
| 15 | 64QAM | 1 | 37 | 22.42 | 22.18 | 22.24 |
| 15 | 64QAM | 1 | 74 | 22.46 | 22.17 | 22.21 |
| 15 | 64QAM | 36 | 0 | 22.11 | 22.18 | 22.22 |
| 15 | 64QAM | 36 | 20 | 22.17 | 22.19 | 22.21 |
| 15 | 64QAM | 36 | 39 | 22.20 | 22.16 | 22.18 |
| 15 | 64QAM | 75 | 0 | 22.13 | 22.24 | 22.17 |



| 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 | 22.88 | 23.07 | 22.90 |
| 10 | QPSK | 1 | 25 | 22.86 | 22.99 | 23.00 |
| 10 | QPSK | 1 | 49 | 22.94 | 22.77 | 23.00 |
| 10 | QPSK | 25 | 0 | 21.93 | 22.15 | 22.17 |
| 10 | QPSK | 25 | 12 | 22.05 | 22.11 | 22.15 |
| 10 | QPSK | 25 | 25 | 21.94 | 22.05 | 22.12 |
| 10 | QPSK | 50 | 0 | 22.00 | 22.10 | 22.02 |
| 10 | 16QAM | 1 | 0 | 21.99 | 22.14 | 21.90 |
| 10 | 16QAM | 1 | 25 | 22.26 | 22.00 | 22.32 |
| 10 | 16QAM | 1 | 49 | 22.33 | 22.23 | 22.22 |
| 10 | 16QAM | 25 | 0 | 21.99 | 21.98 | 21.97 |
| 10 | 16QAM | 25 | 12 | 21.91 | 22.01 | 21.98 |
| 10 | 16QAM | 25 | 25 | 22.25 | 22.16 | 22.25 |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.23 | 22.35 |
| 10 | 64QAM | 1 | 0 | 22.05 | 22.13 | 22.03 |
| 10 | 64QAM | 1 | 25 | 22.12 | 22.41 | 22.50 |
| 10 | 64QAM | 1 | 49 | 22.10 | 22.14 | 22.09 |
| 10 | 64QAM | 25 | 0 | 21.94 | 22.08 | 22.07 |
| 10 | 64QAM | 25 | 12 | 22.03 | 22.14 | 22.18 |
| 10 | 64QAM | 25 | 25 | 21.91 | 22.03 | 22.05 |
| 10 | 64QAM | 50 | 0 | 21.97 | 22.04 | 22.03 |



| 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 | 22.78 | 23.00 | 23.05 |
| 5 | QPSK | 1 | 12 | 22.84 | 22.99 | 22.96 |
| 5 | QPSK | 1 | 24 | 22.79 | 22.91 | 22.90 |
| 5 | QPSK | 12 | 0 | 22.01 | 22.01 | 22.05 |
| 5 | QPSK | 12 | 7 | 22.01 | 22.12 | 22.09 |
| 5 | QPSK | 12 | 13 | 21.96 | 22.13 | 22.05 |
| 5 | QPSK | 25 | 0 | 21.99 | 22.03 | 22.09 |
| 5 | 16QAM | 1 | 0 | 21.89 | 22.30 | 21.98 |
| 5 | 16QAM | 1 | 12 | 22.00 | 22.35 | 21.94 |
| 5 | 16QAM | 1 | 24 | 21.94 | 22.29 | 21.89 |
| 5 | 16QAM | 12 | 0 | 21.93 | 21.87 | 21.90 |
| 5 | 16QAM | 12 | 7 | 21.96 | 22.00 | 21.98 |
| 5 | 16QAM | 12 | 13 | 22.23 | 22.30 | 22.34 |
| 5 | 16QAM | 25 | 0 | 22.24 | 22.35 | 22.28 |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.45 | 22.43 |
| 5 | 64QAM | 1 | 12 | 22.39 | 22.15 | 22.42 |
| 5 | 64QAM | 1 | 24 | 22.35 | 22.05 | 22.12 |
| 5 | 64QAM | 12 | 0 | 22.02 | 22.09 | 22.11 |
| 5 | 64QAM | 12 | 7 | 22.01 | 22.10 | 22.16 |
| 5 | 64QAM | 12 | 13 | 22.02 | 22.08 | 22.07 |
| 5 | 64QAM | 25 | 0 | 21.97 | 22.11 | 22.02 |



| 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 | | | | 19965 | 20175 | 20385 |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 |
| 3 | QPSK | 1 | 0 | 22.90 | 22.91 | 23.03 |
| 3 | QPSK | 1 | 8 | 22.99 | 23.13 | 23.07 |
| 3 | QPSK | 1 | 14 | 22.79 | 22.98 | 22.98 |
| 3 | QPSK | 8 | 0 | 21.99 | 22.05 | 22.06 |
| 3 | QPSK | 8 | 4 | 22.05 | 22.13 | 22.15 |
| 3 | QPSK | 8 | 7 | 22.01 | 22.11 | 22.11 |
| 3 | QPSK | 15 | 0 | 22.01 | 22.07 | 22.01 |
| 3 | 16QAM | 1 | 0 | 22.09 | 22.18 | 22.22 |
| 3 | 16QAM | 1 | 8 | 22.31 | 22.31 | 22.05 |
| 3 | 16QAM | 1 | 14 | 22.22 | 22.00 | 22.08 |
| 3 | 16QAM | 8 | 0 | 22.01 | 22.02 | 22.11 |
| 3 | 16QAM | 8 | 4 | 22.11 | 22.11 | 22.12 |
| 3 | 16QAM | 8 | 7 | 22.33 | 22.41 | 22.45 |
| 3 | 16QAM | 15 | 0 | 22.33 | 22.31 | 22.38 |
| 3 | 64QAM | 1 | 0 | 22.00 | 22.09 | 22.07 |
| 3 | 64QAM | 1 | 8 | 22.19 | 22.07 | 22.23 |
| 3 | 64QAM | 1 | 14 | 22.00 | 22.07 | 21.90 |
| 3 | 64QAM | 8 | 0 | 21.98 | 22.02 | 21.96 |
| 3 | 64QAM | 8 | 4 | 22.10 | 22.08 | 22.12 |
| 3 | 64QAM | 8 | 7 | 22.04 | 22.11 | 22.23 |
| 3 | 64QAM | 15 | 0 | 22.00 | 22.08 | 21.99 |



| 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 | 22.65 | 22.86 | 22.87 |
| 1.4 | QPSK | 1 | 3 | 22.99 | 22.99 | 23.03 |
| 1.4 | QPSK | 1 | 5 | 22.85 | 22.94 | 22.96 |
| 1.4 | QPSK | 3 | 0 | 22.93 | 22.90 | 22.89 |
| 1.4 | QPSK | 3 | 1 | 22.89 | 22.99 | 23.04 |
| 1.4 | QPSK | 3 | 3 | 22.88 | 22.95 | 22.94 |
| 1.4 | QPSK | 6 | 0 | 22.04 | 22.06 | 22.02 |
| 1.4 | 16QAM | 1 | 0 | 21.98 | 22.45 | 22.11 |
| 1.4 | 16QAM | 1 | 3 | 22.11 | 22.19 | 22.23 |
| 1.4 | 16QAM | 1 | 5 | 22.17 | 22.33 | 22.13 |
| 1.4 | 16QAM | 3 | 0 | 22.20 | 22.24 | 22.15 |
| 1.4 | 16QAM | 3 | 1 | 22.21 | 22.24 | 22.26 |
| 1.4 | 16QAM | 3 | 3 | 22.20 | 22.32 | 22.21 |
| 1.4 | 16QAM | 6 | 0 | 22.11 | 22.12 | 22.03 |
| 1.4 | 64QAM | 1 | 0 | 21.89 | 21.83 | 21.97 |
| 1.4 | 64QAM | 1 | 3 | 22.15 | 22.13 | 22.25 |
| 1.4 | 64QAM | 1 | 5 | 22.06 | 22.02 | 21.86 |
| 1.4 | 64QAM | 3 | 0 | 21.97 | 21.95 | 22.14 |
| 1.4 | 64QAM | 3 | 1 | 21.88 | 22.03 | 22.00 |
| 1.4 | 64QAM | 3 | 3 | 21.94 | 22.11 | 21.99 |
| 1.4 | 64QAM | 6 | 0 | 21.93 | 21.94 | 22.01 |



| 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 | 23.55 | 23.56 | 23.48 |
| 10 | QPSK | 1 | 25 | 23.41 | 23.44 | 23.24 |
| 10 | QPSK | 1 | 49 | 23.33 | 23.45 | 23.13 |
| 10 | QPSK | 25 | 0 | 22.86 | 22.88 | 22.69 |
| 10 | QPSK | 25 | 12 | 22.62 | 22.64 | 22.69 |
| 10 | QPSK | 25 | 25 | 22.62 | 22.73 | 22.78 |
| 10 | QPSK | 50 | 0 | 22.68 | 22.56 | 22.70 |
| 10 | 16QAM | 1 | 0 | 22.72 | 22.91 | 22.62 |
| 10 | 16QAM | 1 | 25 | 22.95 | 22.98 | 22.66 |
| 10 | 16QAM | 1 | 49 | 22.78 | 22.84 | 22.91 |
| 10 | 16QAM | 25 | 0 | 22.87 | 22.88 | 22.70 |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.89 | 22.67 |
| 10 | 16QAM | 25 | 25 | 22.84 | 22.77 | 22.80 |
| 10 | 16QAM | 50 | 0 | 22.85 | 22.76 | 22.66 |
| 10 | 64QAM | 1 | 0 | 22.81 | 22.91 | 22.79 |
| 10 | 64QAM | 1 | 25 | 22.78 | 22.98 | 22.78 |
| 10 | 64QAM | 1 | 49 | 22.67 | 22.89 | 22.80 |
| 10 | 64QAM | 25 | 0 | 22.78 | 22.89 | 22.56 |
| 10 | 64QAM | 25 | 12 | 22.77 | 22.94 | 22.65 |
| 10 | 64QAM | 25 | 25 | 22.89 | 22.78 | 22.48 |
| 10 | 64QAM | 50 | 0 | 22.85 | 22.81 | 22.67 |



| 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 | 23.50 | 23.46 | 23.44 |
| 5 | QPSK | 1 | 12 | 23.40 | 23.51 | 23.35 |
| 5 | QPSK | 1 | 24 | 23.40 | 23.35 | 23.35 |
| 5 | QPSK | 12 | 0 | 22.77 | 22.82 | 22.68 |
| 5 | QPSK | 12 | 7 | 22.84 | 22.85 | 22.77 |
| 5 | QPSK | 12 | 13 | 22.89 | 22.73 | 22.68 |
| 5 | QPSK | 25 | 0 | 22.80 | 22.76 | 22.68 |
| 5 | 16QAM | 1 | 0 | 23.09 | 23.02 | 22.78 |
| 5 | 16QAM | 1 | 12 | 22.79 | 23.01 | 22.77 |
| 5 | 16QAM | 1 | 24 | 22.66 | 23.01 | 22.84 |
| 5 | 16QAM | 12 | 0 | 22.75 | 22.84 | 22.83 |
| 5 | 16QAM | 12 | 7 | 22.82 | 22.85 | 22.67 |
| 5 | 16QAM | 12 | 13 | 22.82 | 22.73 | 22.78 |
| 5 | 16QAM | 25 | 0 | 22.83 | 22.88 | 22.83 |
| 5 | 64QAM | 1 | 0 | 22.90 | 22.78 | 22.89 |
| 5 | 64QAM | 1 | 12 | 22.78 | 22.72 | 22.86 |
| 5 | 64QAM | 1 | 24 | 22.92 | 22.76 | 22.70 |
| 5 | 64QAM | 12 | 0 | 22.64 | 22.78 | 22.58 |
| 5 | 64QAM | 12 | 7 | 22.68 | 22.84 | 22.62 |
| 5 | 64QAM | 12 | 13 | 22.86 | 22.81 | 22.38 |
| 5 | 64QAM | 25 | 0 | 22.74 | 22.81 | 22.42 |



| 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 | 23.19 | 23.50 | 23.35 |
| 3 | QPSK | 1 | 8 | 23.45 | 23.46 | 23.37 |
| 3 | QPSK | 1 | 14 | 23.46 | 23.44 | 23.18 |
| 3 | QPSK | 8 | 0 | 22.70 | 22.83 | 22.81 |
| 3 | QPSK | 8 | 4 | 22.84 | 22.90 | 22.87 |
| 3 | QPSK | 8 | 7 | 22.79 | 22.81 | 22.68 |
| 3 | QPSK | 15 | 0 | 22.77 | 22.83 | 22.82 |
| 3 | 16QAM | 1 | 0 | 22.79 | 22.90 | 22.97 |
| 3 | 16QAM | 1 | 8 | 22.72 | 22.98 | 22.82 |
| 3 | 16QAM | 1 | 14 | 22.77 | 23.03 | 22.78 |
| 3 | 16QAM | 8 | 0 | 22.73 | 22.82 | 22.56 |
| 3 | 16QAM | 8 | 4 | 22.89 | 23.00 | 22.57 |
| 3 | 16QAM | 8 | 7 | 22.81 | 22.87 | 22.61 |
| 3 | 16QAM | 15 | 0 | 22.75 | 22.77 | 22.32 |
| 3 | 64QAM | 1 | 0 | 22.70 | 22.58 | 22.79 |
| 3 | 64QAM | 1 | 8 | 22.58 | 22.82 | 22.58 |
| 3 | 64QAM | 1 | 14 | 22.60 | 22.78 | 22.59 |
| 3 | 64QAM | 8 | 0 | 22.70 | 22.80 | 22.78 |
| 3 | 64QAM | 8 | 4 | 22.92 | 22.76 | 22.70 |
| 3 | 64QAM | 8 | 7 | 22.87 | 22.79 | 22.76 |
| 3 | 64QAM | 15 | 0 | 22.76 | 22.86 | 22.66 |



| 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 | 23.40 | 23.47 | 23.51 |
| 1.4 | QPSK | 1 | 3 | 23.53 | 23.46 | 23.53 |
| 1.4 | QPSK | 1 | 5 | 23.42 | 23.36 | 23.37 |
| 1.4 | QPSK | 3 | 0 | 23.43 | 23.49 | 23.45 |
| 1.4 | QPSK | 3 | 1 | 23.49 | 23.36 | 23.46 |
| 1.4 | QPSK | 3 | 3 | 23.50 | 23.42 | 23.42 |
| 1.4 | QPSK | 6 | 0 | 22.75 | 22.74 | 22.73 |
| 1.4 | 16QAM | 1 | 0 | 22.88 | 22.69 | 22.86 |
| 1.4 | 16QAM | 1 | 3 | 22.68 | 22.92 | 22.81 |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 22.75 | 22.81 |
| 1.4 | 16QAM | 3 | 0 | 22.60 | 22.58 | 22.72 |
| 1.4 | 16QAM | 3 | 1 | 22.63 | 22.90 | 22.76 |
| 1.4 | 16QAM | 3 | 3 | 22.71 | 22.82 | 22.70 |
| 1.4 | 16QAM | 6 | 0 | 22.90 | 22.77 | 22.81 |
| 1.4 | 64QAM | 1 | 0 | 22.43 | 22.60 | 22.62 |
| 1.4 | 64QAM | 1 | 3 | 22.74 | 22.75 | 22.70 |
| 1.4 | 64QAM | 1 | 5 | 22.69 | 22.68 | 22.56 |
| 1.4 | 64QAM | 3 | 0 | 22.35 | 22.62 | 22.63 |
| 1.4 | 64QAM | 3 | 1 | 22.63 | 22.57 | 22.58 |
| 1.4 | 64QAM | 3 | 3 | 22.53 | 22.70 | 22.74 |
| 1.4 | 64QAM | 6 | 0 | 22.74 | 22.86 | 22.75 |



| 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 | 23.10 | 23.11 | 23.03 |
| 20 | QPSK | 1 | 49 | 23.05 | 23.09 | 22.98 |
| 20 | QPSK | 1 | 99 | 23.00 | 22.95 | 23.00 |
| 20 | QPSK | 50 | 0 | 22.17 | 22.24 | 22.21 |
| 20 | QPSK | 50 | 24 | 22.14 | 22.11 | 22.01 |
| 20 | QPSK | 50 | 50 | 22.16 | 22.20 | 22.16 |
| 20 | QPSK | 100 | 0 | 22.19 | 22.21 | 22.18 |
| 20 | 16QAM | 1 | 0 | 22.00 | 22.10 | 22.28 |
| 20 | 16QAM | 1 | 49 | 22.15 | 22.01 | 22.29 |
| 20 | 16QAM | 1 | 99 | 22.09 | 22.40 | 22.05 |
| 20 | 16QAM | 50 | 0 | 21.94 | 22.04 | 21.97 |
| 20 | 16QAM | 50 | 24 | 21.99 | 21.91 | 22.02 |
| 20 | 16QAM | 50 | 50 | 22.07 | 22.12 | 21.95 |
| 20 | 16QAM | 100 | 0 | 21.95 | 22.07 | 22.05 |
| 20 | 64QAM | 1 | 0 | 22.43 | 22.27 | 22.00 |
| 20 | 64QAM | 1 | 49 | 22.37 | 22.34 | 22.39 |
| 20 | 64QAM | 1 | 99 | 22.35 | 22.40 | 22.31 |
| 20 | 64QAM | 50 | 0 | 22.09 | 22.10 | 22.15 |
| 20 | 64QAM | 50 | 24 | 22.14 | 22.15 | 22.15 |
| 20 | 64QAM | 50 | 50 | 22.18 | 22.25 | 22.10 |
| 20 | 64QAM | 100 | 0 | 22.11 | 22.08 | 22.20 |



| 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 | 22.93 | 23.02 | 23.02 |
| 15 | QPSK | 1 | 37 | 23.03 | 23.00 | 23.04 |
| 15 | QPSK | 1 | 74 | 22.97 | 23.04 | 23.04 |
| 15 | QPSK | 36 | 0 | 21.96 | 22.05 | 22.07 |
| 15 | QPSK | 36 | 20 | 22.04 | 22.11 | 22.06 |
| 15 | QPSK | 36 | 39 | 22.07 | 22.10 | 22.14 |
| 15 | QPSK | 75 | 0 | 22.13 | 22.06 | 22.08 |
| 15 | 16QAM | 1 | 0 | 22.29 | 22.40 | 22.47 |
| 15 | 16QAM | 1 | 37 | 22.11 | 22.22 | 22.20 |
| 15 | 16QAM | 1 | 74 | 22.15 | 22.15 | 22.37 |
| 15 | 16QAM | 36 | 0 | 21.95 | 22.06 | 22.08 |
| 15 | 16QAM | 36 | 20 | 22.02 | 22.05 | 22.04 |
| 15 | 16QAM | 36 | 39 | 22.08 | 22.06 | 21.95 |
| 15 | 16QAM | 75 | 0 | 22.03 | 22.11 | 22.03 |
| 15 | 64QAM | 1 | 0 | 22.33 | 22.30 | 22.18 |
| 15 | 64QAM | 1 | 37 | 22.23 | 22.38 | 22.47 |
| 15 | 64QAM | 1 | 74 | 22.22 | 22.34 | 22.40 |
| 15 | 64QAM | 36 | 0 | 22.07 | 22.15 | 22.14 |
| 15 | 64QAM | 36 | 20 | 22.18 | 22.17 | 22.24 |
| 15 | 64QAM | 36 | 39 | 22.22 | 22.13 | 22.15 |
| 15 | 64QAM | 75 | 0 | 22.07 | 22.17 | 22.12 |



| 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 | 22.93 | 23.02 | 23.02 |
| 10 | QPSK | 1 | 25 | 23.03 | 23.00 | 23.04 |
| 10 | QPSK | 1 | 49 | 22.97 | 23.04 | 23.04 |
| 10 | QPSK | 25 | 0 | 21.96 | 22.05 | 22.07 |
| 10 | QPSK | 25 | 12 | 22.04 | 22.11 | 22.06 |
| 10 | QPSK | 25 | 25 | 22.07 | 22.10 | 22.14 |
| 10 | QPSK | 50 | 0 | 22.13 | 22.06 | 22.08 |
| 10 | 16QAM | 1 | 0 | 22.29 | 22.40 | 22.47 |
| 10 | 16QAM | 1 | 25 | 22.11 | 22.22 | 22.20 |
| 10 | 16QAM | 1 | 49 | 22.15 | 22.15 | 22.37 |
| 10 | 16QAM | 25 | 0 | 21.95 | 22.06 | 22.08 |
| 10 | 16QAM | 25 | 12 | 22.02 | 22.05 | 22.04 |
| 10 | 16QAM | 25 | 25 | 22.08 | 22.06 | 21.95 |
| 10 | 16QAM | 50 | 0 | 22.03 | 22.11 | 22.03 |
| 10 | 64QAM | 1 | 0 | 22.12 | 22.09 | 21.97 |
| 10 | 64QAM | 1 | 25 | 22.02 | 22.17 | 22.26 |
| 10 | 64QAM | 1 | 49 | 22.01 | 22.13 | 22.19 |
| 10 | 64QAM | 25 | 0 | 22.07 | 22.15 | 22.14 |
| 10 | 64QAM | 25 | 12 | 22.18 | 22.17 | 22.24 |
| 10 | 64QAM | 25 | 25 | 22.22 | 22.13 | 22.15 |
| 10 | 64QAM | 50 | 0 | 22.07 | 22.17 | 22.12 |



| 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 | 22.96 | 22.87 | 22.77 |
| 5 | QPSK | 1 | 12 | 22.83 | 22.76 | 22.84 |
| 5 | QPSK | 1 | 24 | 22.77 | 22.83 | 22.87 |
| 5 | QPSK | 12 | 0 | 22.10 | 22.18 | 22.10 |
| 5 | QPSK | 12 | 7 | 22.17 | 22.32 | 22.24 |
| 5 | QPSK | 12 | 13 | 22.19 | 22.35 | 22.20 |
| 5 | QPSK | 25 | 0 | 22.20 | 22.21 | 22.16 |
| 5 | 16QAM | 1 | 0 | 22.18 | 22.16 | 22.22 |
| 5 | 16QAM | 1 | 12 | 22.23 | 22.45 | 22.35 |
| 5 | 16QAM | 1 | 24 | 22.29 | 22.48 | 22.30 |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.26 | 22.17 |
| 5 | 16QAM | 12 | 7 | 22.09 | 22.11 | 22.07 |
| 5 | 16QAM | 12 | 13 | 22.09 | 22.15 | 22.28 |
| 5 | 16QAM | 25 | 0 | 22.06 | 22.11 | 22.13 |
| 5 | 64QAM | 1 | 0 | 22.30 | 22.35 | 22.31 |
| 5 | 64QAM | 1 | 12 | 22.35 | 22.47 | 22.35 |
| 5 | 64QAM | 1 | 24 | 22.39 | 22.49 | 22.45 |
| 5 | 64QAM | 12 | 0 | 22.10 | 22.07 | 22.12 |
| 5 | 64QAM | 12 | 7 | 22.19 | 22.24 | 22.03 |
| 5 | 64QAM | 12 | 13 | 22.14 | 22.23 | 22.09 |
| 5 | 64QAM | 25 | 0 | 22.09 | 22.08 | 22.13 |



| 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 | 23.40 | 23.56 | 23.45 |
| 10 | QPSK | 1 | 25 | 23.26 | 23.39 | 23.42 |
| 10 | QPSK | 1 | 49 | 23.36 | 23.37 | 23.36 |
| 10 | QPSK | 25 | 0 | 22.65 | 22.75 | 22.66 |
| 10 | QPSK | 25 | 12 | 22.62 | 22.56 | 22.35 |
| 10 | QPSK | 25 | 25 | 22.67 | 22.73 | 22.66 |
| 10 | QPSK | 50 | 0 | 22.68 | 22.70 | 22.61 |
| 10 | 16QAM | 1 | 0 | 22.61 | 22.16 | 22.29 |
| 10 | 16QAM | 1 | 25 | 22.36 | 22.31 | 22.45 |
| 10 | 16QAM | 1 | 49 | 22.45 | 22.50 | 22.39 |
| 10 | 16QAM | 25 | 0 | 22.34 | 22.36 | 22.30 |
| 10 | 16QAM | 25 | 12 | 22.38 | 22.42 | 22.31 |
| 10 | 16QAM | 25 | 25 | 22.43 | 22.44 | 22.38 |
| 10 | 16QAM | 50 | 0 | 22.33 | 22.41 | 22.46 |
| 10 | 64QAM | 1 | 0 | 22.18 | 22.30 | 22.64 |
| 10 | 64QAM | 1 | 25 | 22.62 | 22.68 | 22.27 |
| 10 | 64QAM | 1 | 49 | 22.64 | 22.32 | 22.25 |
| 10 | 64QAM | 25 | 0 | 22.15 | 22.09 | 22.06 |
| 10 | 64QAM | 25 | 12 | 22.20 | 22.23 | 22.15 |
| 10 | 64QAM | 25 | 25 | 22.25 | 22.22 | 22.22 |
| 10 | 64QAM | 50 | 0 | 22.17 | 22.10 | 22.21 |



| 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 | 23.15 | 23.48 | 23.26 |
| 5 | QPSK | 1 | 12 | 23.31 | 23.47 | 23.31 |
| 5 | QPSK | 1 | 24 | 23.27 | 23.46 | 23.32 |
| 5 | QPSK | 12 | 0 | 22.38 | 22.45 | 22.44 |
| 5 | QPSK | 12 | 7 | 22.49 | 22.51 | 22.48 |
| 5 | QPSK | 12 | 13 | 22.44 | 22.47 | 22.44 |
| 5 | QPSK | 25 | 0 | 22.40 | 22.52 | 22.48 |
| 5 | 16QAM | 1 | 0 | 22.41 | 22.43 | 22.45 |
| 5 | 16QAM | 1 | 12 | 22.58 | 22.53 | 22.54 |
| 5 | 16QAM | 1 | 24 | 22.54 | 22.52 | 22.48 |
| 5 | 16QAM | 12 | 0 | 22.28 | 22.25 | 22.28 |
| 5 | 16QAM | 12 | 7 | 22.42 | 22.47 | 22.31 |
| 5 | 16QAM | 12 | 13 | 22.37 | 22.34 | 22.39 |
| 5 | 16QAM | 25 | 0 | 22.38 | 22.34 | 22.36 |
| 5 | 64QAM | 1 | 0 | 22.16 | 22.17 | 22.22 |
| 5 | 64QAM | 1 | 12 | 22.61 | 22.31 | 22.24 |
| 5 | 64QAM | 1 | 24 | 22.59 | 22.28 | 22.33 |
| 5 | 64QAM | 12 | 0 | 22.13 | 22.15 | 22.10 |
| 5 | 64QAM | 12 | 7 | 22.23 | 22.11 | 22.17 |
| 5 | 64QAM | 12 | 13 | 22.10 | 22.20 | 22.25 |
| 5 | 64QAM | 25 | 0 | 22.25 | 22.21 | 22.18 |



| 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 | 23.23 | 23.50 | 23.17 |
| 3 | QPSK | 1 | 8 | 23.41 | 23.40 | 23.30 |
| 3 | QPSK | 1 | 14 | 23.35 | 23.46 | 23.41 |
| 3 | QPSK | 8 | 0 | 22.46 | 22.44 | 22.44 |
| 3 | QPSK | 8 | 4 | 22.49 | 22.52 | 22.53 |
| 3 | QPSK | 8 | 7 | 22.44 | 22.52 | 22.46 |
| 3 | QPSK | 15 | 0 | 22.22 | 22.30 | 22.16 |
| 3 | 16QAM | 1 | 0 | 22.23 | 22.59 | 22.18 |
| 3 | 16QAM | 1 | 8 | 22.43 | 22.41 | 22.36 |
| 3 | 16QAM | 1 | 14 | 22.26 | 22.31 | 22.17 |
| 3 | 16QAM | 8 | 0 | 22.23 | 22.12 | 22.15 |
| 3 | 16QAM | 8 | 4 | 22.28 | 22.25 | 22.36 |
| 3 | 16QAM | 8 | 7 | 22.12 | 22.15 | 22.21 |
| 3 | 16QAM | 15 | 0 | 22.31 | 22.24 | 22.23 |
| 3 | 64QAM | 1 | 0 | 22.17 | 22.51 | 22.50 |
| 3 | 64QAM | 1 | 8 | 22.46 | 22.36 | 22.37 |
| 3 | 64QAM | 1 | 14 | 22.39 | 22.24 | 22.35 |
| 3 | 64QAM | 8 | 0 | 22.06 | 22.14 | 22.05 |
| 3 | 64QAM | 8 | 4 | 22.15 | 22.19 | 22.18 |
| 3 | 64QAM | 8 | 7 | 22.14 | 22.06 | 22.21 |
| 3 | 64QAM | 15 | 0 | 22.13 | 22.15 | 22.07 |



| 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 | 23.26 | 23.43 | 23.23 |
| 1.4 | QPSK | 1 | 3 | 23.37 | 23.36 | 23.38 |
| 1.4 | QPSK | 1 | 5 | 23.26 | 23.31 | 23.27 |
| 1.4 | QPSK | 3 | 0 | 23.21 | 23.34 | 23.32 |
| 1.4 | QPSK | 3 | 1 | 23.42 | 23.42 | 23.09 |
| 1.4 | QPSK | 3 | 3 | 23.37 | 23.39 | 23.35 |
| 1.4 | QPSK | 6 | 0 | 22.43 | 22.40 | 22.38 |
| 1.4 | 16QAM | 1 | 0 | 22.47 | 22.41 | 22.26 |
| 1.4 | 16QAM | 1 | 3 | 22.28 | 22.71 | 22.38 |
| 1.4 | 16QAM | 1 | 5 | 22.40 | 22.41 | 22.40 |
| 1.4 | 16QAM | 3 | 0 | 22.24 | 22.27 | 22.28 |
| 1.4 | 16QAM | 3 | 1 | 22.40 | 22.48 | 22.32 |
| 1.4 | 16QAM | 3 | 3 | 22.23 | 22.37 | 22.37 |
| 1.4 | 16QAM | 6 | 0 | 22.16 | 22.36 | 22.26 |
| 1.4 | 64QAM | 1 | 0 | 22.01 | 22.16 | 22.00 |
| 1.4 | 64QAM | 1 | 3 | 22.13 | 22.06 | 22.11 |
| 1.4 | 64QAM | 1 | 5 | 22.29 | 22.32 | 22.28 |
| 1.4 | 64QAM | 3 | 0 | 22.19 | 22.20 | 22.03 |
| 1.4 | 64QAM | 3 | 1 | 22.17 | 22.41 | 22.26 |
| 1.4 | 64QAM | 3 | 3 | 22.19 | 22.03 | 22.19 |
| 1.4 | 64QAM | 6 | 0 | 22.15 | 22.16 | 22.03 |



| 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 | 23.56 | 23.59 | 23.56 |
| 10 | QPSK | 1 | 25 | 23.44 | 23.40 | 23.46 |
| 10 | QPSK | 1 | 49 | 23.37 | 23.40 | 23.35 |
| 10 | QPSK | 25 | 0 | 22.67 | 22.73 | 22.65 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.46 | 22.60 |
| 10 | QPSK | 25 | 25 | 22.50 | 22.50 | 22.59 |
| 10 | QPSK | 50 | 0 | 22.63 | 22.50 | 22.51 |
| 10 | 16QAM | 1 | 0 | 22.15 | 22.34 | 22.48 |
| 10 | 16QAM | 1 | 25 | 22.36 | 22.65 | 22.49 |
| 10 | 16QAM | 1 | 49 | 22.32 | 22.57 | 22.62 |
| 10 | 16QAM | 25 | 0 | 22.26 | 22.50 | 22.49 |
| 10 | 16QAM | 25 | 12 | 22.32 | 22.47 | 22.45 |
| 10 | 16QAM | 25 | 25 | 22.15 | 22.41 | 22.46 |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.48 | 22.45 |
| 10 | 64QAM | 1 | 0 | 22.16 | 22.49 | 22.17 |
| 10 | 64QAM | 1 | 25 | 22.39 | 22.29 | 22.19 |
| 10 | 64QAM | 1 | 49 | 22.13 | 22.16 | 22.16 |
| 10 | 64QAM | 25 | 0 | 22.31 | 22.48 | 22.46 |
| 10 | 64QAM | 25 | 12 | 22.44 | 22.52 | 22.69 |
| 10 | 64QAM | 25 | 25 | 22.38 | 22.59 | 22.75 |
| 10 | 64QAM | 50 | 0 | 22.45 | 22.68 | 22.69 |



| 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 | 23.50 | 23.46 | 23.42 |
| 5 | QPSK | 1 | 12 | 23.49 | 23.45 | 23.44 |
| 5 | QPSK | 1 | 24 | 23.41 | 23.47 | 23.46 |
| 5 | QPSK | 12 | 0 | 22.57 | 22.75 | 22.91 |
| 5 | QPSK | 12 | 7 | 22.69 | 22.78 | 22.86 |
| 5 | QPSK | 12 | 13 | 22.52 | 22.80 | 22.86 |
| 5 | QPSK | 25 | 0 | 22.34 | 22.51 | 22.64 |
| 5 | 16QAM | 1 | 0 | 22.82 | 22.87 | 22.59 |
| 5 | 16QAM | 1 | 12 | 22.99 | 22.55 | 22.92 |
| 5 | 16QAM | 1 | 24 | 22.83 | 22.88 | 23.04 |
| 5 | 16QAM | 12 | 0 | 22.27 | 22.30 | 22.51 |
| 5 | 16QAM | 12 | 7 | 22.27 | 22.34 | 22.46 |
| 5 | 16QAM | 12 | 13 | 22.18 | 22.43 | 22.46 |
| 5 | 16QAM | 25 | 0 | 22.28 | 22.40 | 22.44 |
| 5 | 64QAM | 1 | 0 | 22.29 | 22.30 | 22.30 |
| 5 | 64QAM | 1 | 12 | 22.33 | 22.30 | 22.38 |
| 5 | 64QAM | 1 | 24 | 22.38 | 22.38 | 22.30 |
| 5 | 64QAM | 12 | 0 | 22.44 | 22.49 | 22.73 |
| 5 | 64QAM | 12 | 7 | 22.57 | 22.65 | 22.59 |
| 5 | 64QAM | 12 | 13 | 22.42 | 22.60 | 22.62 |
| 5 | 64QAM | 25 | 0 | 22.39 | 22.58 | 22.74 |



| 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 | 23.56 | 23.51 | 23.53 |
| 15 | QPSK | 1 | 37 | 23.47 | 23.40 | 23.53 |
| 15 | QPSK | 1 | 74 | 23.46 | 23.39 | 23.48 |
| 15 | QPSK | 36 | 0 | 22.92 | 22.88 | 22.80 |
| 15 | QPSK | 36 | 20 | 22.67 | 22.59 | 22.52 |
| 15 | QPSK | 36 | 39 | 22.54 | 22.43 | 22.60 |
| 15 | QPSK | 75 | 0 | 22.55 | 22.48 | 22.62 |
| 15 | 16QAM | 1 | 0 | 22.68 | 22.57 | 22.96 |
| 15 | 16QAM | 1 | 37 | 22.60 | 22.51 | 22.74 |
| 15 | 16QAM | 1 | 74 | 22.53 | 22.50 | 22.54 |
| 15 | 16QAM | 36 | 0 | 22.50 | 22.40 | 22.53 |
| 15 | 16QAM | 36 | 20 | 22.39 | 22.35 | 22.54 |
| 15 | 16QAM | 36 | 39 | 22.46 | 22.35 | 22.54 |
| 15 | 16QAM | 75 | 0 | 22.56 | 22.45 | 22.56 |
| 15 | 64QAM | 1 | 0 | 22.17 | 22.12 | 21.99 |
| 15 | 64QAM | 1 | 37 | 21.99 | 21.88 | 22.09 |
| 15 | 64QAM | 1 | 74 | 21.95 | 21.83 | 22.27 |
| 15 | 64QAM | 36 | 0 | 22.16 | 22.08 | 22.15 |
| 15 | 64QAM | 36 | 20 | 22.16 | 22.05 | 22.07 |
| 15 | 64QAM | 36 | 39 | 22.22 | 22.13 | 21.98 |
| 15 | 64QAM | 75 | 0 | 22.19 | 22.18 | 22.12 |



| 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 | 23.40 | 23.41 | 23.45 |
| 10 | QPSK | 1 | 25 | 23.27 | 23.30 | 23.39 |
| 10 | QPSK | 1 | 49 | 23.31 | 23.35 | 23.38 |
| 10 | QPSK | 25 | 0 | 22.48 | 22.41 | 22.53 |
| 10 | QPSK | 25 | 12 | 22.33 | 22.42 | 22.43 |
| 10 | QPSK | 25 | 25 | 22.43 | 22.46 | 22.50 |
| 10 | QPSK | 50 | 0 | 22.08 | 22.06 | 22.18 |
| 10 | 16QAM | 1 | 0 | 22.20 | 22.28 | 22.29 |
| 10 | 16QAM | 1 | 25 | 22.34 | 22.36 | 22.43 |
| 10 | 16QAM | 1 | 49 | 22.16 | 22.17 | 22.20 |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.65 | 22.67 |
| 10 | 16QAM | 25 | 12 | 22.41 | 22.40 | 22.49 |
| 10 | 16QAM | 25 | 25 | 22.29 | 22.29 | 22.36 |
| 10 | 16QAM | 50 | 0 | 22.74 | 22.74 | 22.82 |
| 10 | 64QAM | 1 | 0 | 22.01 | 22.01 | 22.07 |
| 10 | 64QAM | 1 | 25 | 21.98 | 22.03 | 22.09 |
| 10 | 64QAM | 1 | 49 | 21.95 | 22.02 | 22.06 |
| 10 | 64QAM | 25 | 0 | 22.11 | 22.03 | 22.14 |
| 10 | 64QAM | 25 | 12 | 22.07 | 22.09 | 22.13 |
| 10 | 64QAM | 25 | 25 | 21.93 | 21.88 | 21.96 |
| 10 | 64QAM | 50 | 0 | 22.01 | 22.01 | 22.10 |



| 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 | 23.43 | 23.41 | 23.44 |
| 5 | QPSK | 1 | 12 | 23.37 | 23.34 | 23.44 |
| 5 | QPSK | 1 | 24 | 23.37 | 23.45 | 23.46 |
| 5 | QPSK | 12 | 0 | 22.50 | 22.40 | 22.51 |
| 5 | QPSK | 12 | 7 | 22.52 | 22.59 | 22.61 |
| 5 | QPSK | 12 | 13 | 22.38 | 22.48 | 22.50 |
| 5 | QPSK | 25 | 0 | 22.66 | 22.60 | 22.69 |
| 5 | 16QAM | 1 | 0 | 22.44 | 22.54 | 22.55 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.33 | 22.45 |
| 5 | 16QAM | 1 | 24 | 22.62 | 22.57 | 22.68 |
| 5 | 16QAM | 12 | 0 | 22.61 | 22.63 | 22.71 |
| 5 | 16QAM | 12 | 7 | 22.42 | 22.37 | 22.47 |
| 5 | 16QAM | 12 | 13 | 22.48 | 22.40 | 22.52 |
| 5 | 16QAM | 25 | 0 | 22.49 | 22.51 | 22.54 |
| 5 | 64QAM | 1 | 0 | 21.95 | 21.99 | 22.06 |
| 5 | 64QAM | 1 | 12 | 22.02 | 21.97 | 22.07 |
| 5 | 64QAM | 1 | 24 | 22.05 | 22.03 | 22.06 |
| 5 | 64QAM | 12 | 0 | 21.93 | 21.93 | 21.97 |
| 5 | 64QAM | 12 | 7 | 21.91 | 21.96 | 21.98 |
| 5 | 64QAM | 12 | 13 | 21.84 | 21.89 | 21.90 |
| 5 | 64QAM | 25 | 0 | 21.93 | 21.85 | 21.96 |



| 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 | 23.47 | 23.37 | 23.49 |
| 3 | QPSK | 1 | 8 | 23.35 | 23.30 | 23.38 |
| 3 | QPSK | 1 | 14 | 23.40 | 23.36 | 23.45 |
| 3 | QPSK | 8 | 0 | 22.61 | 22.65 | 22.73 |
| 3 | QPSK | 8 | 4 | 22.41 | 22.42 | 22.50 |
| 3 | QPSK | 8 | 7 | 22.65 | 22.64 | 22.71 |
| 3 | QPSK | 15 | 0 | 22.54 | 22.52 | 22.62 |
| 3 | 16QAM | 1 | 0 | 22.73 | 22.68 | 22.78 |
| 3 | 16QAM | 1 | 8 | 22.69 | 22.72 | 22.74 |
| 3 | 16QAM | 1 | 14 | 22.55 | 22.59 | 22.65 |
| 3 | 16QAM | 8 | 0 | 22.48 | 22.55 | 22.59 |
| 3 | 16QAM | 8 | 4 | 22.43 | 22.52 | 22.54 |
| 3 | 16QAM | 8 | 7 | 22.40 | 22.40 | 22.50 |
| 3 | 16QAM | 15 | 0 | 22.58 | 22.53 | 22.63 |
| 3 | 64QAM | 1 | 0 | 22.12 | 22.06 | 22.18 |
| 3 | 64QAM | 1 | 8 | 22.00 | 22.05 | 22.09 |
| 3 | 64QAM | 1 | 14 | 22.18 | 22.15 | 22.25 |
| 3 | 64QAM | 8 | 0 | 21.93 | 21.93 | 22.03 |
| 3 | 64QAM | 8 | 4 | 21.98 | 21.91 | 22.03 |
| 3 | 64QAM | 8 | 7 | 21.91 | 22.01 | 22.02 |
| 3 | 64QAM | 15 | 0 | 21.90 | 21.97 | 22.00 |



| 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 | 23.38 | 23.32 | 23.44 |
| 1.4 | QPSK | 1 | 3 | 23.25 | 23.32 | 23.36 |
| 1.4 | QPSK | 1 | 5 | 23.27 | 23.31 | 23.35 |
| 1.4 | QPSK | 3 | 0 | 23.35 | 23.28 | 23.37 |
| 1.4 | QPSK | 3 | 1 | 23.36 | 23.36 | 23.43 |
| 1.4 | QPSK | 3 | 3 | 23.07 | 23.05 | 23.16 |
| 1.4 | QPSK | 6 | 0 | 22.71 | 22.71 | 22.73 |
| 1.4 | 16QAM | 1 | 0 | 22.54 | 22.54 | 22.60 |
| 1.4 | 16QAM | 1 | 3 | 22.51 | 22.49 | 22.54 |
| 1.4 | 16QAM | 1 | 5 | 22.57 | 22.60 | 22.64 |
| 1.4 | 16QAM | 3 | 0 | 22.34 | 22.36 | 22.37 |
| 1.4 | 16QAM | 3 | 1 | 22.26 | 22.20 | 22.28 |
| 1.4 | 16QAM | 3 | 3 | 22.06 | 22.05 | 22.09 |
| 1.4 | 16QAM | 6 | 0 | 22.60 | 22.56 | 22.67 |
| 1.4 | 64QAM | 1 | 0 | 21.92 | 21.91 | 21.97 |
| 1.4 | 64QAM | 1 | 3 | 21.93 | 21.99 | 22.01 |
| 1.4 | 64QAM | 1 | 5 | 21.93 | 22.00 | 22.05 |
| 1.4 | 64QAM | 3 | 0 | 22.34 | 22.30 | 22.35 |
| 1.4 | 64QAM | 3 | 1 | 22.20 | 22.19 | 22.31 |
| 1.4 | 64QAM | 3 | 3 | 22.18 | 22.18 | 22.26 |
| 1.4 | 64QAM | 6 | 0 | 21.97 | 21.95 | 22.02 |



| 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 | 23.63 | 23.65 | 23.58 |
| 20 | QPSK | 1 | 49 | 23.58 | 23.58 | 23.59 |
| 20 | QPSK | 1 | 99 | 23.59 | 23.54 | 23.64 |
| 20 | QPSK | 50 | 0 | 22.74 | 22.75 | 22.73 |
| 20 | QPSK | 50 | 24 | 22.59 | 22.52 | 22.49 |
| 20 | QPSK | 50 | 50 | 22.73 | 22.53 | 22.52 |
| 20 | QPSK | 100 | 0 | 22.52 | 22.59 | 22.53 |
| 20 | 16QAM | 1 | 0 | 22.69 | 22.52 | 22.59 |
| 20 | 16QAM | 1 | 49 | 22.57 | 22.52 | 22.47 |
| 20 | 16QAM | 1 | 99 | 22.49 | 22.59 | 22.57 |
| 20 | 16QAM | 50 | 0 | 22.59 | 22.52 | 22.82 |
| 20 | 16QAM | 50 | 24 | 22.80 | 22.49 | 22.59 |
| 20 | 16QAM | 50 | 50 | 22.86 | 22.95 | 22.56 |
| 20 | 16QAM | 100 | 0 | 22.79 | 22.94 | 22.63 |
| 20 | 64QAM | 1 | 0 | 21.54 | 21.74 | 21.57 |
| 20 | 64QAM | 1 | 49 | 21.46 | 21.36 | 21.65 |
| 20 | 64QAM | 1 | 99 | 21.41 | 21.32 | 21.41 |
| 20 | 64QAM | 50 | 0 | 21.38 | 21.35 | 21.30 |
| 20 | 64QAM | 50 | 24 | 21.54 | 21.42 | 21.39 |
| 20 | 64QAM | 50 | 50 | 21.53 | 21.56 | 21.45 |
| 20 | 64QAM | 100 | 0 | 21.63 | 21.59 | 21.27 |



| 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 | 23.35 | 23.55 | 23.42 |
| 15 | QPSK | 1 | 37 | 23.53 | 23.59 | 23.42 |
| 15 | QPSK | 1 | 74 | 23.51 | 23.52 | 23.35 |
| 15 | QPSK | 36 | 0 | 22.69 | 22.54 | 22.74 |
| 15 | QPSK | 36 | 20 | 22.74 | 22.50 | 22.70 |
| 15 | QPSK | 36 | 39 | 22.77 | 22.49 | 22.73 |
| 15 | QPSK | 75 | 0 | 22.79 | 22.52 | 22.76 |
| 15 | 16QAM | 1 | 0 | 22.60 | 22.89 | 22.54 |
| 15 | 16QAM | 1 | 37 | 22.77 | 22.46 | 22.60 |
| 15 | 16QAM | 1 | 74 | 22.69 | 22.53 | 22.44 |
| 15 | 16QAM | 36 | 0 | 22.76 | 22.43 | 22.63 |
| 15 | 16QAM | 36 | 20 | 22.70 | 22.39 | 22.59 |
| 15 | 16QAM | 36 | 39 | 22.83 | 22.93 | 22.63 |
| 15 | 16QAM | 75 | 0 | 22.84 | 22.41 | 22.63 |
| 15 | 64QAM | 1 | 0 | 21.35 | 21.59 | 21.23 |
| 15 | 64QAM | 1 | 37 | 21.49 | 21.73 | 21.36 |
| 15 | 64QAM | 1 | 74 | 21.42 | 21.52 | 21.70 |
| 15 | 64QAM | 36 | 0 | 21.48 | 21.30 | 21.44 |
| 15 | 64QAM | 36 | 20 | 21.59 | 21.74 | 21.37 |
| 15 | 64QAM | 36 | 39 | 21.58 | 21.71 | 21.43 |
| 15 | 64QAM | 75 | 0 | 21.59 | 21.71 | 21.47 |



| 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 | 23.44 | 23.52 | 23.40 |
| 10 | QPSK | 1 | 25 | 23.49 | 23.39 | 23.35 |
| 10 | QPSK | 1 | 49 | 23.36 | 23.59 | 23.59 |
| 10 | QPSK | 25 | 0 | 22.74 | 22.62 | 22.58 |
| 10 | QPSK | 25 | 12 | 22.73 | 22.51 | 22.58 |
| 10 | QPSK | 25 | 25 | 22.82 | 22.46 | 22.62 |
| 10 | QPSK | 50 | 0 | 22.86 | 22.54 | 22.60 |
| 10 | 16QAM | 1 | 0 | 22.21 | 22.36 | 22.61 |
| 10 | 16QAM | 1 | 25 | 22.30 | 22.51 | 22.44 |
| 10 | 16QAM | 1 | 49 | 22.26 | 22.43 | 22.57 |
| 10 | 16QAM | 25 | 0 | 22.29 | 22.57 | 22.75 |
| 10 | 16QAM | 25 | 12 | 22.26 | 22.43 | 22.69 |
| 10 | 16QAM | 25 | 25 | 22.33 | 22.55 | 22.82 |
| 10 | 16QAM | 50 | 0 | 22.29 | 22.53 | 22.71 |
| 10 | 64QAM | 1 | 0 | 21.64 | 21.24 | 21.58 |
| 10 | 64QAM | 1 | 25 | 21.76 | 21.41 | 21.63 |
| 10 | 64QAM | 1 | 49 | 21.65 | 21.28 | 21.54 |
| 10 | 64QAM | 25 | 0 | 21.79 | 21.49 | 21.67 |
| 10 | 64QAM | 25 | 12 | 21.76 | 21.38 | 21.67 |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.47 | 21.64 |
| 10 | 64QAM | 50 | 0 | 21.77 | 21.52 | 21.73 |



| 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 | 23.29 | 23.52 | 23.49 |
| 5 | QPSK | 1 | 12 | 23.44 | 23.39 | 23.52 |
| 5 | QPSK | 1 | 24 | 23.35 | 23.49 | 23.22 |
| 5 | QPSK | 12 | 0 | 22.67 | 22.71 | 22.80 |
| 5 | QPSK | 12 | 7 | 22.80 | 22.56 | 22.86 |
| 5 | QPSK | 12 | 13 | 22.80 | 22.78 | 22.92 |
| 5 | QPSK | 25 | 0 | 22.81 | 22.79 | 22.94 |
| 5 | 16QAM | 1 | 0 | 22.64 | 22.80 | 22.49 |
| 5 | 16QAM | 1 | 12 | 22.81 | 22.97 | 22.65 |
| 5 | 16QAM | 1 | 24 | 22.67 | 22.78 | 22.50 |
| 5 | 16QAM | 12 | 0 | 22.44 | 22.44 | 22.62 |
| 5 | 16QAM | 12 | 7 | 22.39 | 22.54 | 22.73 |
| 5 | 16QAM | 12 | 13 | 22.52 | 22.44 | 22.66 |
| 5 | 16QAM | 25 | 0 | 22.50 | 22.10 | 22.20 |
| 5 | 64QAM | 1 | 0 | 21.51 | 21.56 | 21.31 |
| 5 | 64QAM | 1 | 12 | 21.72 | 21.69 | 21.40 |
| 5 | 64QAM | 1 | 24 | 21.57 | 21.62 | 21.26 |
| 5 | 64QAM | 12 | 0 | 21.75 | 21.22 | 21.34 |
| 5 | 64QAM | 12 | 7 | 21.43 | 21.50 | 21.72 |
| 5 | 64QAM | 12 | 13 | 21.42 | 21.29 | 21.60 |
| 5 | 64QAM | 25 | 0 | 21.42 | 21.35 | 21.69 |



| 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 | / | 22.83 | / |
| 10 | QPSK | 1 | 25 | / | 22.75 | / |
| 10 | QPSK | 1 | 49 | / | 22.80 | / |
| 10 | QPSK | 25 | 0 | / | 21.92 | / |
| 10 | QPSK | 25 | 12 | / | 21.73 | / |
| 10 | QPSK | 25 | 25 | / | 21.67 | / |
| 10 | QPSK | 50 | 0 | / | 21.70 | / |
| 10 | 16QAM | 1 | 0 | / | 21.82 | / |
| 10 | 16QAM | 1 | 25 | / | 21.74 | / |
| 10 | 16QAM | 1 | 49 | / | 22.04 | / |
| 10 | 16QAM | 25 | 0 | / | 21.85 | / |
| 10 | 16QAM | 25 | 12 | / | 21.80 | / |
| 10 | 16QAM | 25 | 25 | / | 21.93 | / |
| 10 | 16QAM | 50 | 0 | / | 21.70 | / |
| 10 | 64QAM | 1 | 0 | / | 22.00 | / |
| 10 | 64QAM | 1 | 25 | / | 21.82 | / |
| 10 | 64QAM | 1 | 49 | / | 21.79 | / |
| 10 | 64QAM | 25 | 0 | / | 21.72 | / |
| 10 | 64QAM | 25 | 12 | / | 21.65 | / |
| 10 | 64QAM | 25 | 25 | / | 21.71 | / |
| 10 | 64QAM | 50 | 0 | / | 21.78 | / |



| 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 | 22.72 | 22.75 | 22.73 |
| 5 | QPSK | 1 | 12 | 22.72 | 22.74 | 22.70 |
| 5 | QPSK | 1 | 24 | 22.71 | 22.69 | 22.62 |
| 5 | QPSK | 12 | 0 | 21.63 | 21.71 | 21.80 |
| 5 | QPSK | 12 | 7 | 21.70 | 21.69 | 21.78 |
| 5 | QPSK | 12 | 13 | 21.62 | 21.78 | 21.76 |
| 5 | QPSK | 25 | 0 | 21.69 | 21.66 | 21.76 |
| 5 | 16QAM | 1 | 0 | 21.34 | 21.70 | 21.49 |
| 5 | 16QAM | 1 | 12 | 21.40 | 21.55 | 21.43 |
| 5 | 16QAM | 1 | 24 | 21.50 | 21.32 | 21.33 |
| 5 | 16QAM | 12 | 0 | 21.93 | 21.90 | 21.83 |
| 5 | 16QAM | 12 | 7 | 21.94 | 21.83 | 21.95 |
| 5 | 16QAM | 12 | 13 | 21.91 | 21.90 | 21.94 |
| 5 | 16QAM | 25 | 0 | 21.70 | 21.74 | 21.76 |
| 5 | 64QAM | 1 | 0 | 21.96 | 21.94 | 21.86 |
| 5 | 64QAM | 1 | 12 | 21.92 | 21.82 | 21.95 |
| 5 | 64QAM | 1 | 24 | 21.93 | 21.92 | 21.92 |
| 5 | 64QAM | 12 | 0 | 21.75 | 21.81 | 21.88 |
| 5 | 64QAM | 12 | 7 | 21.92 | 21.71 | 21.81 |
| 5 | 64QAM | 12 | 13 | 21.71 | 21.82 | 21.72 |
| 5 | 64QAM | 25 | 0 | 21.62 | 21.73 | 21.73 |



| 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 | / | 22.80 | / |
| 10 | QPSK | 1 | 25 | / | 22.63 | / |
| 10 | QPSK | 1 | 49 | / | 22.61 | / |
| 10 | QPSK | 25 | 0 | / | 21.99 | / |
| 10 | QPSK | 25 | 12 | / | 21.80 | / |
| 10 | QPSK | 25 | 25 | / | 21.97 | / |
| 10 | QPSK | 50 | 0 | / | 21.94 | / |
| 10 | 16QAM | 1 | 0 | / | 21.61 | / |
| 10 | 16QAM | 1 | 25 | / | 21.76 | / |
| 10 | 16QAM | 1 | 49 | / | 21.95 | / |
| 10 | 16QAM | 25 | 0 | / | 21.81 | / |
| 10 | 16QAM | 25 | 12 | / | 21.87 | / |
| 10 | 16QAM | 25 | 25 | / | 21.89 | / |
| 10 | 16QAM | 50 | 0 | / | 21.86 | / |
| 10 | 64QAM | 1 | 0 | / | 21.75 | / |
| 10 | 64QAM | 1 | 25 | / | 22.13 | / |
| 10 | 64QAM | 1 | 49 | / | 21.77 | / |
| 10 | 64QAM | 25 | 0 | / | 21.54 | / |
| 10 | 64QAM | 25 | 12 | / | 21.68 | / |
| 10 | 64QAM | 25 | 25 | / | 21.67 | / |
| 10 | 64QAM | 50 | 0 | / | 21.55 | / |



| 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 | 22.39 | 22.72 | 22.50 |
| 5 | QPSK | 1 | 12 | 22.55 | 22.71 | 22.55 |
| 5 | QPSK | 1 | 24 | 22.51 | 22.70 | 22.56 |
| 5 | QPSK | 12 | 0 | 21.83 | 21.90 | 21.89 |
| 5 | QPSK | 12 | 7 | 21.94 | 21.96 | 21.93 |
| 5 | QPSK | 12 | 13 | 21.89 | 21.92 | 21.89 |
| 5 | QPSK | 25 | 0 | 22.06 | 22.18 | 22.14 |
| 5 | 16QAM | 1 | 0 | 22.07 | 22.09 | 22.11 |
| 5 | 16QAM | 1 | 12 | 22.24 | 22.19 | 22.20 |
| 5 | 16QAM | 1 | 24 | 22.20 | 22.18 | 22.14 |
| 5 | 16QAM | 12 | 0 | 21.94 | 21.91 | 21.94 |
| 5 | 16QAM | 12 | 7 | 22.08 | 22.13 | 21.97 |
| 5 | 16QAM | 12 | 13 | 22.03 | 22.00 | 22.05 |
| 5 | 16QAM | 25 | 0 | 22.04 | 22.00 | 22.02 |
| 5 | 64QAM | 1 | 0 | 21.82 | 21.83 | 21.88 |
| 5 | 64QAM | 1 | 12 | 22.27 | 21.97 | 21.90 |
| 5 | 64QAM | 1 | 24 | 22.25 | 21.94 | 21.99 |
| 5 | 64QAM | 12 | 0 | 21.79 | 21.81 | 21.76 |
| 5 | 64QAM | 12 | 7 | 21.89 | 21.77 | 21.83 |
| 5 | 64QAM | 12 | 13 | 21.76 | 21.86 | 21.91 |
| 5 | 64QAM | 25 | 0 | 21.91 | 21.87 | 21.84 |



| 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 | | | | 40140 | 40640 | 41140 |
| Frequency (MHz) | | | | 2545 | 2595 | 2645 |
| 20 | QPSK | 1 | 0 | 23.02 | 23.14 | 23.08 |
| 20 | QPSK | 1 | 49 | 22.98 | 23.07 | 23.08 |
| 20 | QPSK | 1 | 99 | 22.92 | 23.03 | 22.88 |
| 20 | QPSK | 50 | 0 | 21.98 | 22.24 | 22.17 |
| 20 | QPSK | 50 | 24 | 21.98 | 22.01 | 21.98 |
| 20 | QPSK | 50 | 50 | 22.01 | 22.02 | 22.08 |
| 20 | QPSK | 100 | 0 | 21.98 | 22.08 | 21.98 |
| 20 | 16QAM | 1 | 0 | 22.02 | 22.01 | 21.98 |
| 20 | 16QAM | 1 | 49 | 22.01 | 22.01 | 21.98 |
| 20 | 16QAM | 1 | 99 | 22.08 | 22.08 | 22.08 |
| 20 | 16QAM | 50 | 0 | 21.99 | 22.01 | 21.98 |
| 20 | 16QAM | 50 | 24 | 21.97 | 21.98 | 21.98 |
| 20 | 16QAM | 50 | 50 | 22.03 | 22.44 | 22.08 |
| 20 | 16QAM | 100 | 0 | 21.97 | 22.43 | 22.01 |
| 20 | 64QAM | 1 | 0 | 22.12 | 22.23 | 22.02 |
| 20 | 64QAM | 1 | 49 | 22.05 | 22.05 | 22.02 |
| 20 | 64QAM | 1 | 99 | 22.15 | 22.01 | 21.98 |
| 20 | 64QAM | 50 | 0 | 22.11 | 22.04 | 22.08 |
| 20 | 64QAM | 50 | 24 | 21.96 | 22.11 | 22.01 |
| 20 | 64QAM | 50 | 50 | 22.06 | 22.25 | 22.07 |
| 20 | 64QAM | 100 | 0 | 22.04 | 22.28 | 22.08 |



| 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 | | | | 40115 | 40640 | 41165 |
| Frequency (MHz) | | | | 2542.5 | 2595 | 2647.5 |
| 15 | QPSK | 1 | 0 | 22.68 | 23.04 | 22.90 |
| 15 | QPSK | 1 | 37 | 22.67 | 23.08 | 23.01 |
| 15 | QPSK | 1 | 74 | 22.67 | 23.01 | 22.81 |
| 15 | QPSK | 36 | 0 | 22.06 | 22.03 | 22.84 |
| 15 | QPSK | 36 | 20 | 22.11 | 21.99 | 22.91 |
| 15 | QPSK | 36 | 39 | 22.27 | 21.98 | 22.86 |
| 15 | QPSK | 75 | 0 | 22.05 | 22.01 | 22.83 |
| 15 | 16QAM | 1 | 0 | 21.99 | 22.38 | 22.05 |
| 15 | 16QAM | 1 | 37 | 22.20 | 21.95 | 22.14 |
| 15 | 16QAM | 1 | 74 | 22.16 | 21.52 | 22.07 |
| 15 | 16QAM | 36 | 0 | 22.03 | 21.92 | 22.52 |
| 15 | 16QAM | 36 | 20 | 22.08 | 21.88 | 22.54 |
| 15 | 16QAM | 36 | 39 | 22.15 | 22.42 | 22.30 |
| 15 | 16QAM | 75 | 0 | 22.06 | 21.90 | 21.90 |
| 15 | 64QAM | 1 | 0 | 22.36 | 22.28 | 22.64 |
| 15 | 64QAM | 1 | 37 | 22.64 | 22.42 | 21.76 |
| 15 | 64QAM | 1 | 74 | 22.61 | 22.21 | 21.49 |
| 15 | 64QAM | 36 | 0 | 22.05 | 21.99 | 22.13 |
| 15 | 64QAM | 36 | 20 | 22.20 | 22.43 | 22.02 |
| 15 | 64QAM | 36 | 39 | 22.15 | 22.40 | 21.94 |
| 15 | 64QAM | 75 | 0 | 22.13 | 22.40 | 22.02 |



| 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 | | | | 40090 | 40640 | 41190 |
| Frequency (MHz) | | | | 2540 | 2595 | 2650 |
| 10 | QPSK | 1 | 0 | 22.72 | 23.01 | 22.88 |
| 10 | QPSK | 1 | 25 | 22.92 | 22.88 | 22.83 |
| 10 | QPSK | 1 | 49 | 22.69 | 23.08 | 22.84 |
| 10 | QPSK | 25 | 0 | 22.02 | 22.33 | 22.30 |
| 10 | QPSK | 25 | 12 | 22.10 | 22.22 | 22.30 |
| 10 | QPSK | 25 | 25 | 22.14 | 22.17 | 22.66 |
| 10 | QPSK | 50 | 0 | 22.19 | 22.25 | 21.90 |
| 10 | 16QAM | 1 | 0 | 22.05 | 22.07 | 22.10 |
| 10 | 16QAM | 1 | 25 | 22.23 | 22.22 | 22.14 |
| 10 | 16QAM | 1 | 49 | 22.09 | 22.14 | 22.29 |
| 10 | 16QAM | 25 | 0 | 22.09 | 22.28 | 21.95 |
| 10 | 16QAM | 25 | 12 | 22.22 | 22.14 | 21.71 |
| 10 | 16QAM | 25 | 25 | 22.19 | 22.26 | 22.22 |
| 10 | 16QAM | 50 | 0 | 22.17 | 22.24 | 21.98 |
| 10 | 64QAM | 1 | 0 | 21.99 | 21.95 | 22.35 |
| 10 | 64QAM | 1 | 25 | 22.02 | 22.12 | 22.30 |
| 10 | 64QAM | 1 | 49 | 22.00 | 21.99 | 22.11 |
| 10 | 64QAM | 25 | 0 | 22.07 | 22.20 | 22.27 |
| 10 | 64QAM | 25 | 12 | 22.10 | 22.09 | 22.02 |
| 10 | 64QAM | 25 | 25 | 22.19 | 22.18 | 22.25 |
| 10 | 64QAM | 50 | 0 | 22.15 | 22.23 | 22.31 |



| 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 | | | | 40065 | 40640 | 41215 |
| Frequency (MHz) | | | | 2537.5 | 2595 | 2652.5 |
| 5 | QPSK | 1 | 0 | 22.69 | 23.01 | 22.79 |
| 5 | QPSK | 1 | 12 | 22.68 | 22.88 | 22.83 |
| 5 | QPSK | 1 | 24 | 22.81 | 22.98 | 22.84 |
| 5 | QPSK | 12 | 0 | 22.04 | 22.42 | 22.02 |
| 5 | QPSK | 12 | 7 | 22.12 | 22.27 | 22.24 |
| 5 | QPSK | 12 | 13 | 22.06 | 22.49 | 22.30 |
| 5 | QPSK | 25 | 0 | 22.09 | 22.50 | 22.23 |
| 5 | 16QAM | 1 | 0 | 22.53 | 22.51 | 22.14 |
| 5 | 16QAM | 1 | 12 | 22.14 | 22.68 | 22.04 |
| 5 | 16QAM | 1 | 24 | 22.00 | 22.49 | 22.30 |
| 5 | 16QAM | 12 | 0 | 21.98 | 22.15 | 22.10 |
| 5 | 16QAM | 12 | 7 | 22.10 | 22.25 | 22.23 |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.15 | 22.02 |
| 5 | 16QAM | 25 | 0 | 22.08 | 22.23 | 22.00 |
| 5 | 64QAM | 1 | 0 | 22.35 | 22.47 | 22.05 |
| 5 | 64QAM | 1 | 12 | 22.55 | 22.60 | 22.01 |
| 5 | 64QAM | 1 | 24 | 22.40 | 22.53 | 22.34 |
| 5 | 64QAM | 12 | 0 | 22.35 | 22.13 | 22.21 |
| 5 | 64QAM | 12 | 7 | 22.36 | 22.21 | 22.29 |
| 5 | 64QAM | 12 | 13 | 22.34 | 22.00 | 22.20 |
| 5 | 64QAM | 25 | 0 | 22.08 | 22.06 | 22.02 |



| 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 | 23.01 | 23.07 | 23.05 |
| 20 | QPSK | 1 | 49 | 22.86 | 22.85 | 22.81 |
| 20 | QPSK | 1 | 99 | 22.79 | 22.78 | 22.81 |
| 20 | QPSK | 50 | 0 | 22.24 | 22.31 | 22.27 |
| 20 | QPSK | 50 | 24 | 22.05 | 22.07 | 22.20 |
| 20 | QPSK | 50 | 50 | 22.09 | 22.17 | 22.05 |
| 20 | QPSK | 100 | 0 | 22.07 | 22.07 | 21.99 |
| 20 | 16QAM | 1 | 0 | 22.12 | 21.88 | 22.16 |
| 20 | 16QAM | 1 | 49 | 22.17 | 21.91 | 21.97 |
| 20 | 16QAM | 1 | 99 | 22.17 | 22.35 | 22.14 |
| 20 | 16QAM | 50 | 0 | 22.29 | 22.26 | 22.23 |
| 20 | 16QAM | 50 | 24 | 22.18 | 22.18 | 22.19 |
| 20 | 16QAM | 50 | 50 | 22.15 | 22.07 | 22.03 |
| 20 | 16QAM | 100 | 0 | 22.11 | 22.14 | 22.20 |
| 20 | 64QAM | 1 | 0 | 22.27 | 22.04 | 22.37 |
| 20 | 64QAM | 1 | 49 | 22.04 | 22.37 | 22.36 |
| 20 | 64QAM | 1 | 99 | 22.27 | 22.39 | 22.47 |
| 20 | 64QAM | 50 | 0 | 22.23 | 22.13 | 22.26 |
| 20 | 64QAM | 50 | 24 | 22.17 | 22.11 | 22.23 |
| 20 | 64QAM | 50 | 50 | 22.19 | 22.07 | 22.13 |
| 20 | 64QAM | 100 | 0 | 22.18 | 22.18 | 22.16 |



| 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 | | | | 132047 | 132322 | 132597 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | QPSK | 1 | 0 | 22.87 | 22.91 | 22.89 |
| 15 | QPSK | 1 | 37 | 23.01 | 22.87 | 22.85 |
| 15 | QPSK | 1 | 74 | 22.85 | 22.81 | 22.79 |
| 15 | QPSK | 36 | 0 | 22.06 | 22.03 | 22.07 |
| 15 | QPSK | 36 | 20 | 22.06 | 21.98 | 22.08 |
| 15 | QPSK | 36 | 39 | 21.92 | 21.97 | 21.94 |
| 15 | QPSK | 75 | 0 | 22.01 | 22.05 | 21.98 |
| 15 | 16QAM | 1 | 0 | 22.00 | 21.87 | 22.17 |
| 15 | 16QAM | 1 | 37 | 21.87 | 22.17 | 22.10 |
| 15 | 16QAM | 1 | 74 | 21.97 | 21.87 | 21.87 |
| 15 | 16QAM | 36 | 0 | 22.18 | 22.18 | 22.09 |
| 15 | 16QAM | 36 | 20 | 22.21 | 22.20 | 22.26 |
| 15 | 16QAM | 36 | 39 | 22.13 | 22.28 | 22.22 |
| 15 | 16QAM | 75 | 0 | 22.23 | 22.21 | 22.17 |
| 15 | 64QAM | 1 | 0 | 22.37 | 22.27 | 22.37 |
| 15 | 64QAM | 1 | 37 | 22.39 | 22.17 | 22.27 |
| 15 | 64QAM | 1 | 74 | 22.04 | 22.30 | 22.37 |
| 15 | 64QAM | 36 | 0 | 22.16 | 22.15 | 22.28 |
| 15 | 64QAM | 36 | 20 | 22.26 | 22.22 | 22.23 |
| 15 | 64QAM | 36 | 39 | 22.15 | 22.09 | 22.13 |
| 15 | 64QAM | 75 | 0 | 22.17 | 22.19 | 22.16 |



| 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 | | | | 132022 | 132322 | 132622 |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 |
| 10 | QPSK | 1 | 0 | 22.85 | 22.85 | 22.86 |
| 10 | QPSK | 1 | 25 | 22.75 | 22.73 | 22.81 |
| 10 | QPSK | 1 | 49 | 22.89 | 22.77 | 22.67 |
| 10 | QPSK | 25 | 0 | 22.32 | 22.25 | 22.32 |
| 10 | QPSK | 25 | 12 | 22.29 | 22.48 | 22.26 |
| 10 | QPSK | 25 | 25 | 22.30 | 22.26 | 22.18 |
| 10 | QPSK | 50 | 0 | 22.38 | 22.23 | 22.42 |
| 10 | 16QAM | 1 | 0 | 22.30 | 22.30 | 22.50 |
| 10 | 16QAM | 1 | 25 | 22.30 | 22.39 | 22.51 |
| 10 | 16QAM | 1 | 49 | 22.13 | 22.33 | 22.21 |
| 10 | 16QAM | 25 | 0 | 22.14 | 22.31 | 22.19 |
| 10 | 16QAM | 25 | 12 | 22.13 | 22.33 | 22.24 |
| 10 | 16QAM | 25 | 25 | 22.04 | 22.09 | 22.09 |
| 10 | 16QAM | 50 | 0 | 22.20 | 22.24 | 22.25 |
| 10 | 64QAM | 1 | 0 | 22.20 | 22.20 | 21.87 |
| 10 | 64QAM | 1 | 25 | 21.87 | 22.00 | 21.90 |
| 10 | 64QAM | 1 | 49 | 21.87 | 21.87 | 21.87 |
| 10 | 64QAM | 25 | 0 | 22.20 | 22.18 | 22.20 |
| 10 | 64QAM | 25 | 12 | 22.19 | 22.23 | 22.27 |
| 10 | 64QAM | 25 | 25 | 22.19 | 22.12 | 22.14 |
| 10 | 64QAM | 50 | 0 | 22.09 | 22.19 | 22.20 |



| 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 | 22.74 | 22.77 | 22.82 |
| 5 | QPSK | 1 | 12 | 22.77 | 22.77 | 22.76 |
| 5 | QPSK | 1 | 24 | 22.85 | 22.75 | 22.81 |
| 5 | QPSK | 12 | 0 | 22.01 | 22.03 | 21.99 |
| 5 | QPSK | 12 | 7 | 22.03 | 22.11 | 22.04 |
| 5 | QPSK | 12 | 13 | 21.94 | 22.00 | 22.01 |
| 5 | QPSK | 25 | 0 | 22.04 | 22.05 | 22.04 |
| 5 | 16QAM | 1 | 0 | 22.53 | 22.22 | 22.23 |
| 5 | 16QAM | 1 | 12 | 22.16 | 22.45 | 22.40 |
| 5 | 16QAM | 1 | 24 | 22.28 | 22.17 | 22.52 |
| 5 | 16QAM | 12 | 0 | 22.17 | 22.28 | 22.24 |
| 5 | 16QAM | 12 | 7 | 22.34 | 22.26 | 22.38 |
| 5 | 16QAM | 12 | 13 | 22.25 | 22.19 | 22.26 |
| 5 | 16QAM | 25 | 0 | 22.26 | 22.28 | 22.20 |
| 5 | 64QAM | 1 | 0 | 21.87 | 22.27 | 22.07 |
| 5 | 64QAM | 1 | 12 | 22.17 | 22.17 | 22.17 |
| 5 | 64QAM | 1 | 24 | 22.00 | 22.04 | 22.00 |
| 5 | 64QAM | 12 | 0 | 22.24 | 21.99 | 22.20 |
| 5 | 64QAM | 12 | 7 | 22.32 | 21.91 | 22.22 |
| 5 | 64QAM | 12 | 13 | 22.15 | 22.27 | 22.22 |
| 5 | 64QAM | 25 | 0 | 22.22 | 22.30 | 22.17 |



| 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 | 22.81 | 22.72 | 22.71 |
| 3 | QPSK | 1 | 8 | 22.68 | 22.69 | 22.77 |
| 3 | QPSK | 1 | 14 | 22.59 | 22.40 | 22.70 |
| 3 | QPSK | 8 | 0 | 22.27 | 22.24 | 22.28 |
| 3 | QPSK | 8 | 4 | 22.27 | 22.19 | 22.29 |
| 3 | QPSK | 8 | 7 | 22.13 | 22.18 | 22.15 |
| 3 | QPSK | 15 | 0 | 22.22 | 22.26 | 22.19 |
| 3 | 16QAM | 1 | 0 | 21.91 | 22.32 | 22.08 |
| 3 | 16QAM | 1 | 8 | 22.24 | 22.18 | 22.17 |
| 3 | 16QAM | 1 | 14 | 22.28 | 22.17 | 21.87 |
| 3 | 16QAM | 8 | 0 | 22.09 | 22.09 | 22.00 |
| 3 | 16QAM | 8 | 4 | 22.12 | 22.11 | 22.17 |
| 3 | 16QAM | 8 | 7 | 22.04 | 22.19 | 22.13 |
| 3 | 16QAM | 15 | 0 | 22.14 | 22.12 | 22.08 |
| 3 | 64QAM | 1 | 0 | 22.28 | 22.18 | 22.28 |
| 3 | 64QAM | 1 | 8 | 22.30 | 22.08 | 22.18 |
| 3 | 64QAM | 1 | 14 | 21.95 | 22.21 | 22.28 |
| 3 | 64QAM | 8 | 0 | 22.07 | 22.06 | 22.19 |
| 3 | 64QAM | 8 | 4 | 22.17 | 22.13 | 22.14 |
| 3 | 64QAM | 8 | 7 | 22.06 | 22.00 | 22.04 |
| 3 | 64QAM | 15 | 0 | 22.08 | 22.10 | 22.07 |



| 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 | 22.75 | 22.66 | 22.67 |
| 1.4 | QPSK | 1 | 3 | 22.81 | 22.83 | 22.83 |
| 1.4 | QPSK | 1 | 5 | 22.73 | 22.61 | 22.77 |
| 1.4 | QPSK | 3 | 0 | 22.72 | 22.65 | 22.72 |
| 1.4 | QPSK | 3 | 1 | 22.69 | 22.75 | 22.66 |
| 1.4 | QPSK | 3 | 3 | 22.70 | 22.66 | 22.58 |
| 1.4 | QPSK | 6 | 0 | 22.30 | 22.15 | 22.34 |
| 1.4 | 16QAM | 1 | 0 | 22.22 | 22.22 | 22.42 |
| 1.4 | 16QAM | 1 | 3 | 22.22 | 22.31 | 22.43 |
| 1.4 | 16QAM | 1 | 5 | 22.05 | 22.25 | 22.13 |
| 1.4 | 16QAM | 3 | 0 | 22.00 | 21.97 | 22.23 |
| 1.4 | 16QAM | 3 | 1 | 22.09 | 21.99 | 22.11 |
| 1.4 | 16QAM | 3 | 3 | 22.10 | 22.11 | 22.05 |
| 1.4 | 16QAM | 6 | 0 | 21.99 | 21.90 | 21.91 |
| 1.4 | 64QAM | 1 | 0 | 22.33 | 22.18 | 22.34 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.15 | 22.15 |
| 1.4 | 64QAM | 1 | 5 | 22.03 | 22.03 | 22.14 |
| 1.4 | 64QAM | 3 | 0 | 22.12 | 22.10 | 22.12 |
| 1.4 | 64QAM | 3 | 1 | 22.11 | 22.15 | 22.19 |
| 1.4 | 64QAM | 3 | 3 | 22.11 | 22.04 | 22.06 |
| 1.4 | 64QAM | 6 | 0 | 22.01 | 22.11 | 22.12 |



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 | 24.16 | 0.261 | 24.19 | 0.262 | 24.13 | 0.259 |
| 20 | QPSK | 1 | 49 | 24.14 | 0.259 | 24.08 | 0.256 | 24.01 | 0.252 |
| 20 | QPSK | 1 | 99 | 24.08 | 0.256 | 24.04 | 0.254 | 24.02 | 0.252 |
| 20 | QPSK | 50 | 0 | 23.36 | 0.217 | 23.45 | 0.221 | 23.38 | 0.218 |
| 20 | QPSK | 50 | 24 | 23.37 | 0.217 | 23.42 | 0.220 | 23.42 | 0.220 |
| 20 | QPSK | 50 | 50 | 23.42 | 0.220 | 23.38 | 0.218 | 23.44 | 0.221 |
| 20 | QPSK | 100 | 0 | 23.35 | 0.216 | 23.44 | 0.221 | 23.40 | 0.219 |
| 20 | 16QAM | 1 | 0 | 23.41 | 0.219 | 23.41 | 0.219 | 23.43 | 0.220 |
| 20 | 16QAM | 1 | 49 | 23.25 | 0.211 | 23.55 | 0.226 | 23.51 | 0.224 |
| 20 | 16QAM | 1 | 99 | 23.50 | 0.224 | 23.35 | 0.216 | 23.75 | 0.237 |
| 20 | 16QAM | 50 | 0 | 23.43 | 0.220 | 23.40 | 0.219 | 23.38 | 0.218 |
| 20 | 16QAM | 50 | 24 | 23.39 | 0.218 | 23.44 | 0.221 | 23.45 | 0.221 |
| 20 | 16QAM | 50 | 50 | 23.47 | 0.222 | 23.44 | 0.221 | 23.51 | 0.224 |
| 20 | 16QAM | 100 | 0 | 23.50 | 0.224 | 23.51 | 0.224 | 23.38 | 0.218 |
| 20 | 64QAM | 1 | 0 | 23.45 | 0.221 | 23.64 | 0.231 | 23.38 | 0.218 |
| 20 | 64QAM | 1 | 49 | 23.40 | 0.219 | 23.58 | 0.228 | 23.49 | 0.223 |
| 20 | 64QAM | 1 | 99 | 23.35 | 0.216 | 23.68 | 0.233 | 23.68 | 0.233 |
| 20 | 64QAM | 50 | 0 | 23.45 | 0.221 | 23.37 | 0.217 | 23.42 | 0.220 |
| 20 | 64QAM | 50 | 24 | 23.48 | 0.223 | 23.42 | 0.220 | 23.47 | 0.222 |
| 20 | 64QAM | 50 | 50 | 23.47 | 0.222 | 23.48 | 0.223 | 23.42 | 0.220 |
| 20 | 64QAM | 100 | 0 | 23.35 | 0.216 | 23.32 | 0.215 | 23.33 | 0.215 |



| 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 | 23.97 | 0.249 | 24.00 | 0.251 | 23.91 | 0.246 |
| 15 | QPSK | 1 | 37 | 23.76 | 0.238 | 24.12 | 0.258 | 24.00 | 0.251 |
| 15 | QPSK | 1 | 74 | 24.13 | 0.259 | 24.05 | 0.254 | 24.13 | 0.259 |
| 15 | QPSK | 36 | 0 | 23.22 | 0.210 | 23.31 | 0.214 | 23.30 | 0.214 |
| 15 | QPSK | 36 | 20 | 23.21 | 0.209 | 23.40 | 0.219 | 23.37 | 0.217 |
| 15 | QPSK | 36 | 39 | 23.33 | 0.215 | 23.34 | 0.216 | 23.31 | 0.214 |
| 15 | QPSK | 75 | 0 | 23.25 | 0.211 | 23.31 | 0.214 | 23.27 | 0.212 |
| 15 | 16QAM | 1 | 0 | 23.34 | 0.216 | 23.42 | 0.220 | 23.36 | 0.217 |
| 15 | 16QAM | 1 | 37 | 23.47 | 0.222 | 23.50 | 0.224 | 23.36 | 0.217 |
| 15 | 16QAM | 1 | 74 | 23.42 | 0.220 | 23.54 | 0.226 | 23.54 | 0.226 |
| 15 | 16QAM | 36 | 0 | 23.21 | 0.209 | 23.26 | 0.212 | 23.29 | 0.213 |
| 15 | 16QAM | 36 | 20 | 23.30 | 0.214 | 23.23 | 0.210 | 23.36 | 0.217 |
| 15 | 16QAM | 36 | 39 | 23.35 | 0.216 | 23.44 | 0.221 | 23.41 | 0.219 |
| 15 | 16QAM | 75 | 0 | 23.22 | 0.210 | 23.24 | 0.211 | 23.33 | 0.215 |
| 15 | 64QAM | 1 | 0 | 23.42 | 0.220 | 23.18 | 0.208 | 23.24 | 0.211 |
| 15 | 64QAM | 1 | 37 | 23.41 | 0.219 | 23.22 | 0.210 | 23.64 | 0.231 |
| 15 | 64QAM | 1 | 74 | 23.30 | 0.214 | 23.34 | 0.216 | 23.49 | 0.223 |
| 15 | 64QAM | 36 | 0 | 23.15 | 0.207 | 23.32 | 0.215 | 23.20 | 0.209 |
| 15 | 64QAM | 36 | 20 | 23.35 | 0.216 | 23.37 | 0.217 | 23.27 | 0.212 |
| 15 | 64QAM | 36 | 39 | 23.23 | 0.210 | 23.28 | 0.213 | 23.37 | 0.217 |
| 15 | 64QAM | 75 | 0 | 23.22 | 0.210 | 23.29 | 0.213 | 23.28 | 0.213 |



| 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 | 23.94 | 0.248 | 23.93 | 0.247 | 24.03 | 0.253 |
| 10 | QPSK | 1 | 25 | 24.05 | 0.254 | 24.15 | 0.260 | 24.03 | 0.253 |
| 10 | QPSK | 1 | 49 | 23.94 | 0.248 | 24.02 | 0.252 | 23.94 | 0.248 |
| 10 | QPSK | 25 | 0 | 23.33 | 0.215 | 23.34 | 0.216 | 23.30 | 0.214 |
| 10 | QPSK | 25 | 12 | 23.29 | 0.213 | 23.41 | 0.219 | 23.34 | 0.216 |
| 10 | QPSK | 25 | 25 | 23.20 | 0.209 | 23.33 | 0.215 | 23.29 | 0.213 |
| 10 | QPSK | 50 | 0 | 23.26 | 0.212 | 23.35 | 0.216 | 23.33 | 0.215 |
| 10 | 16QAM | 1 | 0 | 23.74 | 0.237 | 23.67 | 0.233 | 23.66 | 0.232 |
| 10 | 16QAM | 1 | 25 | 23.43 | 0.220 | 23.39 | 0.218 | 23.46 | 0.222 |
| 10 | 16QAM | 1 | 49 | 23.38 | 0.218 | 23.46 | 0.222 | 23.25 | 0.211 |
| 10 | 16QAM | 25 | 0 | 23.28 | 0.213 | 23.27 | 0.212 | 23.24 | 0.211 |
| 10 | 16QAM | 25 | 12 | 23.44 | 0.221 | 23.24 | 0.211 | 23.24 | 0.211 |
| 10 | 16QAM | 25 | 25 | 23.24 | 0.211 | 23.44 | 0.221 | 23.54 | 0.226 |
| 10 | 16QAM | 50 | 0 | 23.81 | 0.240 | 23.74 | 0.237 | 23.78 | 0.239 |
| 10 | 64QAM | 1 | 0 | 23.32 | 0.215 | 23.37 | 0.217 | 23.37 | 0.217 |
| 10 | 64QAM | 1 | 25 | 23.35 | 0.216 | 23.40 | 0.219 | 23.44 | 0.221 |
| 10 | 64QAM | 1 | 49 | 23.02 | 0.200 | 23.15 | 0.207 | 23.12 | 0.205 |
| 10 | 64QAM | 25 | 0 | 23.32 | 0.215 | 23.36 | 0.217 | 23.37 | 0.217 |
| 10 | 64QAM | 25 | 12 | 23.35 | 0.216 | 23.33 | 0.215 | 23.34 | 0.216 |
| 10 | 64QAM | 25 | 25 | 23.28 | 0.213 | 23.06 | 0.202 | 23.28 | 0.213 |
| 10 | 64QAM | 50 | 0 | 23.29 | 0.213 | 23.29 | 0.213 | 23.26 | 0.212 |



| 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 | 24.08 | 0.256 | 24.13 | 0.259 | 24.07 | 0.255 |
| 5 | QPSK | 1 | 12 | 24.07 | 0.255 | 24.02 | 0.252 | 24.05 | 0.254 |
| 5 | QPSK | 1 | 24 | 24.03 | 0.253 | 24.11 | 0.258 | 24.12 | 0.258 |
| 5 | QPSK | 12 | 0 | 23.32 | 0.215 | 23.23 | 0.210 | 23.30 | 0.214 |
| 5 | QPSK | 12 | 7 | 23.33 | 0.215 | 23.38 | 0.218 | 23.30 | 0.214 |
| 5 | QPSK | 12 | 13 | 23.32 | 0.215 | 23.31 | 0.214 | 23.34 | 0.216 |
| 5 | QPSK | 25 | 0 | 23.31 | 0.214 | 23.29 | 0.213 | 23.31 | 0.214 |
| 5 | 16QAM | 1 | 0 | 23.44 | 0.221 | 23.34 | 0.216 | 23.72 | 0.236 |
| 5 | 16QAM | 1 | 12 | 23.42 | 0.220 | 23.35 | 0.216 | 23.72 | 0.236 |
| 5 | 16QAM | 1 | 24 | 23.45 | 0.221 | 23.32 | 0.215 | 23.71 | 0.235 |
| 5 | 16QAM | 12 | 0 | 23.54 | 0.226 | 23.68 | 0.233 | 23.54 | 0.226 |
| 5 | 16QAM | 12 | 7 | 23.44 | 0.221 | 23.44 | 0.221 | 23.24 | 0.211 |
| 5 | 16QAM | 12 | 13 | 23.24 | 0.211 | 23.57 | 0.228 | 23.34 | 0.216 |
| 5 | 16QAM | 25 | 0 | 23.34 | 0.216 | 23.80 | 0.240 | 23.78 | 0.239 |
| 5 | 64QAM | 1 | 0 | 23.54 | 0.226 | 23.26 | 0.212 | 23.31 | 0.214 |
| 5 | 64QAM | 1 | 12 | 23.70 | 0.234 | 23.36 | 0.217 | 23.47 | 0.222 |
| 5 | 64QAM | 1 | 24 | 23.71 | 0.235 | 23.35 | 0.216 | 23.37 | 0.217 |
| 5 | 64QAM | 12 | 0 | 23.36 | 0.217 | 23.29 | 0.213 | 23.28 | 0.213 |
| 5 | 64QAM | 12 | 7 | 23.42 | 0.220 | 23.26 | 0.212 | 23.26 | 0.212 |
| 5 | 64QAM | 12 | 13 | 23.39 | 0.218 | 23.35 | 0.216 | 23.33 | 0.215 |
| 5 | 64QAM | 25 | 0 | 23.46 | 0.222 | 23.26 | 0.212 | 23.33 | 0.215 |



| 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 | 24.02 | 0.252 | 24.09 | 0.256 | 24.01 | 0.252 |
| 3 | QPSK | 1 | 8 | 24.12 | 0.258 | 24.15 | 0.260 | 23.98 | 0.250 |
| 3 | QPSK | 1 | 14 | 24.13 | 0.259 | 24.00 | 0.251 | 24.00 | 0.251 |
| 3 | QPSK | 8 | 0 | 23.20 | 0.209 | 23.15 | 0.207 | 23.17 | 0.207 |
| 3 | QPSK | 8 | 4 | 23.26 | 0.212 | 23.20 | 0.209 | 23.21 | 0.209 |
| 3 | QPSK | 8 | 7 | 23.26 | 0.212 | 23.20 | 0.209 | 23.16 | 0.207 |
| 3 | QPSK | 15 | 0 | 23.18 | 0.208 | 23.26 | 0.212 | 23.19 | 0.208 |
| 3 | 16QAM | 1 | 0 | 23.34 | 0.216 | 23.25 | 0.211 | 23.19 | 0.208 |
| 3 | 16QAM | 1 | 8 | 23.38 | 0.218 | 23.32 | 0.215 | 23.28 | 0.213 |
| 3 | 16QAM | 1 | 14 | 23.31 | 0.214 | 23.28 | 0.213 | 23.16 | 0.207 |
| 3 | 16QAM | 8 | 0 | 23.74 | 0.237 | 23.87 | 0.244 | 23.79 | 0.239 |
| 3 | 16QAM | 8 | 4 | 23.81 | 0.240 | 23.78 | 0.239 | 23.84 | 0.242 |
| 3 | 16QAM | 8 | 7 | 23.71 | 0.235 | 23.76 | 0.238 | 23.79 | 0.239 |
| 3 | 16QAM | 15 | 0 | 23.74 | 0.237 | 23.78 | 0.239 | 23.73 | 0.236 |
| 3 | 64QAM | 1 | 0 | 23.27 | 0.212 | 23.20 | 0.209 | 23.23 | 0.210 |
| 3 | 64QAM | 1 | 8 | 23.69 | 0.234 | 23.68 | 0.233 | 23.28 | 0.213 |
| 3 | 64QAM | 1 | 14 | 23.30 | 0.214 | 23.66 | 0.232 | 23.30 | 0.214 |
| 3 | 64QAM | 8 | 0 | 23.22 | 0.210 | 23.24 | 0.211 | 23.08 | 0.203 |
| 3 | 64QAM | 8 | 4 | 23.32 | 0.215 | 23.22 | 0.210 | 23.22 | 0.210 |
| 3 | 64QAM | 8 | 7 | 23.42 | 0.220 | 23.31 | 0.214 | 23.17 | 0.207 |
| 3 | 64QAM | 15 | 0 | 23.27 | 0.212 | 23.27 | 0.212 | 23.25 | 0.211 |



| 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 | 24.08 | 0.256 | 24.11 | 0.258 | 24.06 | 0.255 |
| 1.4 | QPSK | 1 | 3 | 23.98 | 0.250 | 23.96 | 0.249 | 23.95 | 0.248 |
| 1.4 | QPSK | 1 | 5 | 23.95 | 0.248 | 23.93 | 0.247 | 23.91 | 0.246 |
| 1.4 | QPSK | 3 | 0 | 23.95 | 0.248 | 23.95 | 0.248 | 23.91 | 0.246 |
| 1.4 | QPSK | 3 | 1 | 23.99 | 0.251 | 23.96 | 0.249 | 23.94 | 0.248 |
| 1.4 | QPSK | 3 | 3 | 24.01 | 0.252 | 24.05 | 0.254 | 23.94 | 0.248 |
| 1.4 | QPSK | 6 | 0 | 23.16 | 0.207 | 23.14 | 0.206 | 23.13 | 0.206 |
| 1.4 | 16QAM | 1 | 0 | 23.19 | 0.208 | 23.19 | 0.208 | 23.13 | 0.206 |
| 1.4 | 16QAM | 1 | 3 | 23.15 | 0.207 | 23.35 | 0.216 | 23.33 | 0.215 |
| 1.4 | 16QAM | 1 | 5 | 23.03 | 0.201 | 23.23 | 0.210 | 22.91 | 0.195 |
| 1.4 | 16QAM | 3 | 0 | 23.05 | 0.202 | 23.10 | 0.204 | 23.07 | 0.203 |
| 1.4 | 16QAM | 3 | 1 | 23.23 | 0.210 | 23.05 | 0.202 | 23.10 | 0.204 |
| 1.4 | 16QAM | 3 | 3 | 23.25 | 0.211 | 23.22 | 0.210 | 22.96 | 0.198 |
| 1.4 | 16QAM | 6 | 0 | 23.26 | 0.212 | 23.19 | 0.208 | 23.14 | 0.206 |
| 1.4 | 64QAM | 1 | 0 | 23.14 | 0.206 | 23.06 | 0.202 | 23.09 | 0.204 |
| 1.4 | 64QAM | 1 | 3 | 23.16 | 0.207 | 23.37 | 0.217 | 23.25 | 0.211 |
| 1.4 | 64QAM | 1 | 5 | 23.14 | 0.206 | 23.49 | 0.223 | 23.08 | 0.203 |
| 1.4 | 64QAM | 3 | 0 | 23.17 | 0.207 | 23.23 | 0.210 | 23.24 | 0.211 |
| 1.4 | 64QAM | 3 | 1 | 23.26 | 0.212 | 23.23 | 0.210 | 23.44 | 0.221 |
| 1.4 | 64QAM | 3 | 3 | 23.18 | 0.208 | 23.32 | 0.215 | 23.09 | 0.204 |
| 1.4 | 64QAM | 6 | 0 | 23.23 | 0.210 | 23.26 | 0.212 | 23.15 | 0.207 |



| 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 | 24.19 | 0.262 | 24.27 | 0.267 | 24.26 | 0.267 |
| 20 | QPSK | 1 | 49 | 24.05 | 0.254 | 24.13 | 0.259 | 24.12 | 0.258 |
| 20 | QPSK | 1 | 99 | 23.97 | 0.249 | 24.10 | 0.257 | 24.22 | 0.264 |
| 20 | QPSK | 50 | 0 | 23.26 | 0.212 | 23.39 | 0.218 | 23.36 | 0.217 |
| 20 | QPSK | 50 | 24 | 23.26 | 0.212 | 23.34 | 0.216 | 23.34 | 0.216 |
| 20 | QPSK | 50 | 50 | 23.15 | 0.207 | 23.26 | 0.212 | 23.27 | 0.212 |
| 20 | QPSK | 100 | 0 | 23.25 | 0.211 | 23.29 | 0.213 | 23.36 | 0.217 |
| 20 | 16QAM | 1 | 0 | 23.12 | 0.205 | 23.42 | 0.220 | 23.29 | 0.213 |
| 20 | 16QAM | 1 | 49 | 23.27 | 0.212 | 23.04 | 0.201 | 23.18 | 0.208 |
| 20 | 16QAM | 1 | 99 | 23.06 | 0.202 | 23.28 | 0.213 | 23.12 | 0.205 |
| 20 | 16QAM | 50 | 0 | 23.25 | 0.211 | 23.18 | 0.208 | 23.32 | 0.215 |
| 20 | 16QAM | 50 | 24 | 23.51 | 0.224 | 23.62 | 0.230 | 23.51 | 0.224 |
| 20 | 16QAM | 50 | 50 | 23.47 | 0.222 | 23.48 | 0.223 | 23.48 | 0.223 |
| 20 | 16QAM | 100 | 0 | 23.49 | 0.223 | 23.57 | 0.228 | 23.58 | 0.228 |
| 20 | 64QAM | 1 | 0 | 23.23 | 0.210 | 23.34 | 0.216 | 23.56 | 0.227 |
| 20 | 64QAM | 1 | 49 | 23.27 | 0.212 | 23.20 | 0.209 | 23.08 | 0.203 |
| 20 | 64QAM | 1 | 99 | 23.54 | 0.226 | 23.11 | 0.205 | 23.58 | 0.228 |
| 20 | 64QAM | 50 | 0 | 23.24 | 0.211 | 23.33 | 0.215 | 23.28 | 0.213 |
| 20 | 64QAM | 50 | 24 | 23.26 | 0.212 | 23.37 | 0.217 | 23.31 | 0.214 |
| 20 | 64QAM | 50 | 50 | 23.30 | 0.214 | 23.25 | 0.211 | 23.27 | 0.212 |
| 20 | 64QAM | 100 | 0 | 23.33 | 0.215 | 23.31 | 0.214 | 23.40 | 0.219 |



| 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 | 24.06 | 0.255 | 24.10 | 0.257 | 24.20 | 0.263 |
| 15 | QPSK | 1 | 37 | 24.10 | 0.257 | 24.19 | 0.262 | 24.11 | 0.258 |
| 15 | QPSK | 1 | 74 | 23.97 | 0.249 | 24.19 | 0.262 | 24.22 | 0.264 |
| 15 | QPSK | 36 | 0 | 23.20 | 0.209 | 23.27 | 0.212 | 23.30 | 0.214 |
| 15 | QPSK | 36 | 20 | 23.24 | 0.211 | 23.37 | 0.217 | 23.33 | 0.215 |
| 15 | QPSK | 36 | 39 | 23.29 | 0.213 | 23.28 | 0.213 | 23.37 | 0.217 |
| 15 | QPSK | 75 | 0 | 23.24 | 0.211 | 23.26 | 0.212 | 23.27 | 0.212 |
| 15 | 16QAM | 1 | 0 | 23.18 | 0.208 | 23.40 | 0.219 | 23.12 | 0.205 |
| 15 | 16QAM | 1 | 37 | 23.26 | 0.212 | 23.26 | 0.212 | 23.10 | 0.204 |
| 15 | 16QAM | 1 | 74 | 23.12 | 0.205 | 23.42 | 0.220 | 23.21 | 0.209 |
| 15 | 16QAM | 36 | 0 | 23.13 | 0.206 | 23.15 | 0.207 | 23.34 | 0.216 |
| 15 | 16QAM | 36 | 20 | 23.08 | 0.203 | 23.15 | 0.207 | 23.21 | 0.209 |
| 15 | 16QAM | 36 | 39 | 23.04 | 0.201 | 23.13 | 0.206 | 23.19 | 0.208 |
| 15 | 16QAM | 75 | 0 | 23.15 | 0.207 | 23.16 | 0.207 | 23.25 | 0.211 |
| 15 | 64QAM | 1 | 0 | 23.10 | 0.204 | 23.41 | 0.219 | 23.46 | 0.222 |
| 15 | 64QAM | 1 | 37 | 23.52 | 0.225 | 23.28 | 0.213 | 23.34 | 0.216 |
| 15 | 64QAM | 1 | 74 | 23.56 | 0.227 | 23.27 | 0.212 | 23.31 | 0.214 |
| 15 | 64QAM | 36 | 0 | 23.21 | 0.209 | 23.28 | 0.213 | 23.32 | 0.215 |
| 15 | 64QAM | 36 | 20 | 23.27 | 0.212 | 23.29 | 0.213 | 23.31 | 0.214 |
| 15 | 64QAM | 36 | 39 | 23.30 | 0.214 | 23.26 | 0.212 | 23.28 | 0.213 |
| 15 | 64QAM | 75 | 0 | 23.23 | 0.210 | 23.34 | 0.216 | 23.27 | 0.212 |



| 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 | 23.98 | 0.250 | 24.17 | 0.261 | 24.00 | 0.251 |
| 10 | QPSK | 1 | 25 | 23.96 | 0.249 | 24.09 | 0.256 | 24.10 | 0.257 |
| 10 | QPSK | 1 | 49 | 24.04 | 0.254 | 23.87 | 0.244 | 24.10 | 0.257 |
| 10 | QPSK | 25 | 0 | 23.03 | 0.201 | 23.25 | 0.211 | 23.27 | 0.212 |
| 10 | QPSK | 25 | 12 | 23.15 | 0.207 | 23.21 | 0.209 | 23.25 | 0.211 |
| 10 | QPSK | 25 | 25 | 23.04 | 0.201 | 23.15 | 0.207 | 23.22 | 0.210 |
| 10 | QPSK | 50 | 0 | 23.10 | 0.204 | 23.20 | 0.209 | 23.12 | 0.205 |
| 10 | 16QAM | 1 | 0 | 23.09 | 0.204 | 23.24 | 0.211 | 23.00 | 0.200 |
| 10 | 16QAM | 1 | 25 | 23.36 | 0.217 | 23.10 | 0.204 | 23.42 | 0.220 |
| 10 | 16QAM | 1 | 49 | 23.43 | 0.220 | 23.33 | 0.215 | 23.32 | 0.215 |
| 10 | 16QAM | 25 | 0 | 23.09 | 0.204 | 23.08 | 0.203 | 23.07 | 0.203 |
| 10 | 16QAM | 25 | 12 | 23.01 | 0.200 | 23.11 | 0.205 | 23.08 | 0.203 |
| 10 | 16QAM | 25 | 25 | 23.35 | 0.216 | 23.26 | 0.212 | 23.35 | 0.216 |
| 10 | 16QAM | 50 | 0 | 23.29 | 0.213 | 23.33 | 0.215 | 23.45 | 0.221 |
| 10 | 64QAM | 1 | 0 | 23.15 | 0.207 | 23.23 | 0.210 | 23.13 | 0.206 |
| 10 | 64QAM | 1 | 25 | 23.22 | 0.210 | 23.51 | 0.224 | 23.60 | 0.229 |
| 10 | 64QAM | 1 | 49 | 23.20 | 0.209 | 23.24 | 0.211 | 23.19 | 0.208 |
| 10 | 64QAM | 25 | 0 | 23.04 | 0.201 | 23.18 | 0.208 | 23.17 | 0.207 |
| 10 | 64QAM | 25 | 12 | 23.13 | 0.206 | 23.24 | 0.211 | 23.28 | 0.213 |
| 10 | 64QAM | 25 | 25 | 23.01 | 0.200 | 23.13 | 0.206 | 23.15 | 0.207 |
| 10 | 64QAM | 50 | 0 | 23.07 | 0.203 | 23.14 | 0.206 | 23.13 | 0.206 |



| 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 | 23.88 | 0.244 | 24.10 | 0.257 | 24.15 | 0.260 |
| 5 | QPSK | 1 | 12 | 23.94 | 0.248 | 24.09 | 0.256 | 24.06 | 0.255 |
| 5 | QPSK | 1 | 24 | 23.89 | 0.245 | 24.01 | 0.252 | 24.00 | 0.251 |
| 5 | QPSK | 12 | 0 | 23.11 | 0.205 | 23.11 | 0.205 | 23.15 | 0.207 |
| 5 | QPSK | 12 | 7 | 23.11 | 0.205 | 23.22 | 0.210 | 23.19 | 0.208 |
| 5 | QPSK | 12 | 13 | 23.06 | 0.202 | 23.23 | 0.210 | 23.15 | 0.207 |
| 5 | QPSK | 25 | 0 | 23.09 | 0.204 | 23.13 | 0.206 | 23.19 | 0.208 |
| 5 | 16QAM | 1 | 0 | 22.99 | 0.199 | 23.40 | 0.219 | 23.08 | 0.203 |
| 5 | 16QAM | 1 | 12 | 23.10 | 0.204 | 23.45 | 0.221 | 23.04 | 0.201 |
| 5 | 16QAM | 1 | 24 | 23.04 | 0.201 | 23.39 | 0.218 | 22.99 | 0.199 |
| 5 | 16QAM | 12 | 0 | 23.03 | 0.201 | 22.97 | 0.198 | 23.00 | 0.200 |
| 5 | 16QAM | 12 | 7 | 23.06 | 0.202 | 23.10 | 0.204 | 23.08 | 0.203 |
| 5 | 16QAM | 12 | 13 | 23.33 | 0.215 | 23.40 | 0.219 | 23.44 | 0.221 |
| 5 | 16QAM | 25 | 0 | 23.34 | 0.216 | 23.45 | 0.221 | 23.38 | 0.218 |
| 5 | 64QAM | 1 | 0 | 23.11 | 0.205 | 23.55 | 0.226 | 23.53 | 0.225 |
| 5 | 64QAM | 1 | 12 | 23.49 | 0.223 | 23.25 | 0.211 | 23.52 | 0.225 |
| 5 | 64QAM | 1 | 24 | 23.45 | 0.221 | 23.15 | 0.207 | 23.22 | 0.210 |
| 5 | 64QAM | 12 | 0 | 23.12 | 0.205 | 23.19 | 0.208 | 23.21 | 0.209 |
| 5 | 64QAM | 12 | 7 | 23.11 | 0.205 | 23.20 | 0.209 | 23.26 | 0.212 |
| 5 | 64QAM | 12 | 13 | 23.12 | 0.205 | 23.18 | 0.208 | 23.17 | 0.207 |
| 5 | 64QAM | 25 | 0 | 23.07 | 0.203 | 23.21 | 0.209 | 23.12 | 0.205 |



| 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 | 24.00 | 0.251 | 24.01 | 0.252 | 24.13 | 0.259 |
| 3 | QPSK | 1 | 8 | 24.09 | 0.256 | 24.23 | 0.265 | 24.17 | 0.261 |
| 3 | QPSK | 1 | 14 | 23.89 | 0.245 | 24.08 | 0.256 | 24.08 | 0.256 |
| 3 | QPSK | 8 | 0 | 23.09 | 0.204 | 23.15 | 0.207 | 23.16 | 0.207 |
| 3 | QPSK | 8 | 4 | 23.15 | 0.207 | 23.23 | 0.210 | 23.25 | 0.211 |
| 3 | QPSK | 8 | 7 | 23.11 | 0.205 | 23.21 | 0.209 | 23.21 | 0.209 |
| 3 | QPSK | 15 | 0 | 23.11 | 0.205 | 23.17 | 0.207 | 23.11 | 0.205 |
| 3 | 16QAM | 1 | 0 | 23.19 | 0.208 | 23.28 | 0.213 | 23.32 | 0.215 |
| 3 | 16QAM | 1 | 8 | 23.41 | 0.219 | 23.41 | 0.219 | 23.15 | 0.207 |
| 3 | 16QAM | 1 | 14 | 23.32 | 0.215 | 23.10 | 0.204 | 23.18 | 0.208 |
| 3 | 16QAM | 8 | 0 | 23.11 | 0.205 | 23.12 | 0.205 | 23.21 | 0.209 |
| 3 | 16QAM | 8 | 4 | 23.21 | 0.209 | 23.21 | 0.209 | 23.22 | 0.210 |
| 3 | 16QAM | 8 | 7 | 23.43 | 0.220 | 23.51 | 0.224 | 23.55 | 0.226 |
| 3 | 16QAM | 15 | 0 | 23.43 | 0.220 | 23.41 | 0.219 | 23.48 | 0.223 |
| 3 | 64QAM | 1 | 0 | 23.10 | 0.204 | 23.19 | 0.208 | 23.17 | 0.207 |
| 3 | 64QAM | 1 | 8 | 23.29 | 0.213 | 23.17 | 0.207 | 23.33 | 0.215 |
| 3 | 64QAM | 1 | 14 | 23.10 | 0.204 | 23.17 | 0.207 | 23.00 | 0.200 |
| 3 | 64QAM | 8 | 0 | 23.08 | 0.203 | 23.12 | 0.205 | 23.06 | 0.202 |
| 3 | 64QAM | 8 | 4 | 23.20 | 0.209 | 23.18 | 0.208 | 23.22 | 0.210 |
| 3 | 64QAM | 8 | 7 | 23.14 | 0.206 | 23.21 | 0.209 | 23.33 | 0.215 |
| 3 | 64QAM | 15 | 0 | 23.10 | 0.204 | 23.18 | 0.208 | 23.09 | 0.204 |



| 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 | 23.75 | 0.237 | 23.96 | 0.249 | 23.97 | 0.249 |
| 1.4 | QPSK | 1 | 3 | 24.09 | 0.256 | 24.09 | 0.256 | 24.13 | 0.259 |
| 1.4 | QPSK | 1 | 5 | 23.95 | 0.248 | 24.04 | 0.254 | 24.06 | 0.255 |
| 1.4 | QPSK | 3 | 0 | 24.03 | 0.253 | 24.00 | 0.251 | 23.99 | 0.251 |
| 1.4 | QPSK | 3 | 1 | 23.99 | 0.251 | 24.09 | 0.256 | 24.14 | 0.259 |
| 1.4 | QPSK | 3 | 3 | 23.98 | 0.250 | 24.05 | 0.254 | 24.04 | 0.254 |
| 1.4 | QPSK | 6 | 0 | 23.14 | 0.206 | 23.16 | 0.207 | 23.12 | 0.205 |
| 1.4 | 16QAM | 1 | 0 | 23.08 | 0.203 | 23.55 | 0.226 | 23.21 | 0.209 |
| 1.4 | 16QAM | 1 | 3 | 23.21 | 0.209 | 23.29 | 0.213 | 23.33 | 0.215 |
| 1.4 | 16QAM | 1 | 5 | 23.27 | 0.212 | 23.43 | 0.220 | 23.23 | 0.210 |
| 1.4 | 16QAM | 3 | 0 | 23.30 | 0.214 | 23.34 | 0.216 | 23.25 | 0.211 |
| 1.4 | 16QAM | 3 | 1 | 23.31 | 0.214 | 23.34 | 0.216 | 23.36 | 0.217 |
| 1.4 | 16QAM | 3 | 3 | 23.30 | 0.214 | 23.42 | 0.220 | 23.31 | 0.214 |
| 1.4 | 16QAM | 6 | 0 | 23.21 | 0.209 | 23.22 | 0.210 | 23.13 | 0.206 |
| 1.4 | 64QAM | 1 | 0 | 22.99 | 0.199 | 22.93 | 0.196 | 23.07 | 0.203 |
| 1.4 | 64QAM | 1 | 3 | 23.25 | 0.211 | 23.23 | 0.210 | 23.35 | 0.216 |
| 1.4 | 64QAM | 1 | 5 | 23.16 | 0.207 | 23.12 | 0.205 | 22.96 | 0.198 |
| 1.4 | 64QAM | 3 | 0 | 23.07 | 0.203 | 23.05 | 0.202 | 23.24 | 0.211 |
| 1.4 | 64QAM | 3 | 1 | 22.98 | 0.199 | 23.13 | 0.206 | 23.10 | 0.204 |
| 1.4 | 64QAM | 3 | 3 | 23.04 | 0.201 | 23.21 | 0.209 | 23.09 | 0.204 |
| 1.4 | 64QAM | 6 | 0 | 23.03 | 0.201 | 23.04 | 0.201 | 23.11 | 0.205 |



| 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 | 21.90 | 0.155 | 21.91 | 0.155 | 21.83 | 0.152 |
| 10 | QPSK | 1 | 25 | 21.76 | 0.150 | 21.79 | 0.151 | 21.59 | 0.144 |
| 10 | QPSK | 1 | 49 | 21.68 | 0.147 | 21.80 | 0.151 | 21.48 | 0.141 |
| 10 | QPSK | 25 | 0 | 21.21 | 0.132 | 21.23 | 0.133 | 21.04 | 0.127 |
| 10 | QPSK | 25 | 12 | 20.97 | 0.125 | 20.99 | 0.126 | 21.04 | 0.127 |
| 10 | QPSK | 25 | 25 | 20.97 | 0.125 | 21.08 | 0.128 | 21.13 | 0.130 |
| 10 | QPSK | 50 | 0 | 21.03 | 0.127 | 20.91 | 0.123 | 21.05 | 0.127 |
| 10 | 16QAM | 1 | 0 | 21.07 | 0.128 | 21.26 | 0.134 | 20.97 | 0.125 |
| 10 | 16QAM | 1 | 25 | 21.30 | 0.135 | 21.33 | 0.136 | 21.01 | 0.126 |
| 10 | 16QAM | 1 | 49 | 21.13 | 0.130 | 21.19 | 0.132 | 21.26 | 0.134 |
| 10 | 16QAM | 25 | 0 | 21.22 | 0.132 | 21.23 | 0.133 | 21.05 | 0.127 |
| 10 | 16QAM | 25 | 12 | 21.16 | 0.131 | 21.24 | 0.133 | 21.02 | 0.126 |
| 10 | 16QAM | 25 | 25 | 21.19 | 0.132 | 21.12 | 0.129 | 21.15 | 0.130 |
| 10 | 16QAM | 50 | 0 | 21.20 | 0.132 | 21.11 | 0.129 | 21.01 | 0.126 |
| 10 | 64QAM | 1 | 0 | 21.16 | 0.131 | 21.26 | 0.134 | 21.14 | 0.130 |
| 10 | 64QAM | 1 | 25 | 21.13 | 0.130 | 21.33 | 0.136 | 21.13 | 0.130 |
| 10 | 64QAM | 1 | 49 | 21.02 | 0.126 | 21.24 | 0.133 | 21.15 | 0.130 |
| 10 | 64QAM | 25 | 0 | 21.13 | 0.130 | 21.24 | 0.133 | 20.91 | 0.123 |
| 10 | 64QAM | 25 | 12 | 21.12 | 0.129 | 21.29 | 0.135 | 21.00 | 0.126 |
| 10 | 64QAM | 25 | 25 | 21.24 | 0.133 | 21.13 | 0.130 | 20.83 | 0.121 |
| 10 | 64QAM | 50 | 0 | 21.20 | 0.132 | 21.16 | 0.131 | 21.02 | 0.126 |



| 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 | 21.85 | 0.153 | 21.81 | 0.152 | 21.79 | 0.151 |
| 5 | QPSK | 1 | 12 | 21.75 | 0.150 | 21.86 | 0.153 | 21.70 | 0.148 |
| 5 | QPSK | 1 | 24 | 21.75 | 0.150 | 21.70 | 0.148 | 21.70 | 0.148 |
| 5 | QPSK | 12 | 0 | 21.12 | 0.129 | 21.17 | 0.131 | 21.03 | 0.127 |
| 5 | QPSK | 12 | 7 | 21.19 | 0.132 | 21.20 | 0.132 | 21.12 | 0.129 |
| 5 | QPSK | 12 | 13 | 21.24 | 0.133 | 21.08 | 0.128 | 21.03 | 0.127 |
| 5 | QPSK | 25 | 0 | 21.15 | 0.130 | 21.11 | 0.129 | 21.03 | 0.127 |
| 5 | 16QAM | 1 | 0 | 21.44 | 0.139 | 21.37 | 0.137 | 21.13 | 0.130 |
| 5 | 16QAM | 1 | 12 | 21.14 | 0.130 | 21.36 | 0.137 | 21.12 | 0.129 |
| 5 | 16QAM | 1 | 24 | 21.01 | 0.126 | 21.36 | 0.137 | 21.19 | 0.132 |
| 5 | 16QAM | 12 | 0 | 21.10 | 0.129 | 21.19 | 0.132 | 21.18 | 0.131 |
| 5 | 16QAM | 12 | 7 | 21.17 | 0.131 | 21.20 | 0.132 | 21.02 | 0.126 |
| 5 | 16QAM | 12 | 13 | 21.17 | 0.131 | 21.08 | 0.128 | 21.13 | 0.130 |
| 5 | 16QAM | 25 | 0 | 21.18 | 0.131 | 21.23 | 0.133 | 21.18 | 0.131 |
| 5 | 64QAM | 1 | 0 | 21.25 | 0.133 | 21.13 | 0.130 | 21.24 | 0.133 |
| 5 | 64QAM | 1 | 12 | 21.13 | 0.130 | 21.07 | 0.128 | 21.21 | 0.132 |
| 5 | 64QAM | 1 | 24 | 21.27 | 0.134 | 21.11 | 0.129 | 21.05 | 0.127 |
| 5 | 64QAM | 12 | 0 | 20.99 | 0.126 | 21.13 | 0.130 | 20.93 | 0.124 |
| 5 | 64QAM | 12 | 7 | 21.03 | 0.127 | 21.19 | 0.132 | 20.97 | 0.125 |
| 5 | 64QAM | 12 | 13 | 21.21 | 0.132 | 21.16 | 0.131 | 20.73 | 0.118 |
| 5 | 64QAM | 25 | 0 | 21.09 | 0.129 | 21.16 | 0.131 | 20.77 | 0.119 |



| 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 | 21.54 | 0.143 | 21.85 | 0.153 | 21.70 | 0.148 |
| 3 | QPSK | 1 | 8 | 21.80 | 0.151 | 21.81 | 0.152 | 21.72 | 0.149 |
| 3 | QPSK | 1 | 14 | 21.81 | 0.152 | 21.79 | 0.151 | 21.53 | 0.142 |
| 3 | QPSK | 8 | 0 | 21.05 | 0.127 | 21.18 | 0.131 | 21.16 | 0.131 |
| 3 | QPSK | 8 | 4 | 21.19 | 0.132 | 21.25 | 0.133 | 21.22 | 0.132 |
| 3 | QPSK | 8 | 7 | 21.14 | 0.130 | 21.16 | 0.131 | 21.03 | 0.127 |
| 3 | QPSK | 15 | 0 | 21.12 | 0.129 | 21.18 | 0.131 | 21.17 | 0.131 |
| 3 | 16QAM | 1 | 0 | 21.14 | 0.130 | 21.25 | 0.133 | 21.32 | 0.136 |
| 3 | 16QAM | 1 | 8 | 21.07 | 0.128 | 21.33 | 0.136 | 21.17 | 0.131 |
| 3 | 16QAM | 1 | 14 | 21.12 | 0.129 | 21.38 | 0.137 | 21.13 | 0.130 |
| 3 | 16QAM | 8 | 0 | 21.08 | 0.128 | 21.17 | 0.131 | 20.91 | 0.123 |
| 3 | 16QAM | 8 | 4 | 21.24 | 0.133 | 21.35 | 0.136 | 20.92 | 0.124 |
| 3 | 16QAM | 8 | 7 | 21.16 | 0.131 | 21.22 | 0.132 | 20.96 | 0.125 |
| 3 | 16QAM | 15 | 0 | 21.10 | 0.129 | 21.12 | 0.129 | 20.67 | 0.117 |
| 3 | 64QAM | 1 | 0 | 21.05 | 0.127 | 20.93 | 0.124 | 21.14 | 0.130 |
| 3 | 64QAM | 1 | 8 | 20.93 | 0.124 | 21.17 | 0.131 | 20.93 | 0.124 |
| 3 | 64QAM | 1 | 14 | 20.95 | 0.124 | 21.13 | 0.130 | 20.94 | 0.124 |
| 3 | 64QAM | 8 | 0 | 21.05 | 0.127 | 21.15 | 0.130 | 21.13 | 0.130 |
| 3 | 64QAM | 8 | 4 | 21.27 | 0.134 | 21.11 | 0.129 | 21.05 | 0.127 |
| 3 | 64QAM | 8 | 7 | 21.22 | 0.132 | 21.14 | 0.130 | 21.11 | 0.129 |
| 3 | 64QAM | 15 | 0 | 21.11 | 0.129 | 21.21 | 0.132 | 21.01 | 0.126 |



| 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 | 21.75 | 0.150 | 21.82 | 0.152 | 21.86 | 0.153 |
| 1.4 | QPSK | 1 | 3 | 21.88 | 0.154 | 21.81 | 0.152 | 21.88 | 0.154 |
| 1.4 | QPSK | 1 | 5 | 21.77 | 0.150 | 21.71 | 0.148 | 21.72 | 0.149 |
| 1.4 | QPSK | 3 | 0 | 21.78 | 0.151 | 21.84 | 0.153 | 21.80 | 0.151 |
| 1.4 | QPSK | 3 | 1 | 21.84 | 0.153 | 21.71 | 0.148 | 21.81 | 0.152 |
| 1.4 | QPSK | 3 | 3 | 21.85 | 0.153 | 21.77 | 0.150 | 21.77 | 0.150 |
| 1.4 | QPSK | 6 | 0 | 21.10 | 0.129 | 21.09 | 0.129 | 21.08 | 0.128 |
| 1.4 | 16QAM | 1 | 0 | 21.23 | 0.133 | 21.04 | 0.127 | 21.21 | 0.132 |
| 1.4 | 16QAM | 1 | 3 | 21.03 | 0.127 | 21.27 | 0.134 | 21.16 | 0.131 |
| 1.4 | 16QAM | 1 | 5 | 21.42 | 0.139 | 21.10 | 0.129 | 21.16 | 0.131 |
| 1.4 | 16QAM | 3 | 0 | 20.95 | 0.124 | 20.93 | 0.124 | 21.07 | 0.128 |
| 1.4 | 16QAM | 3 | 1 | 20.98 | 0.125 | 21.25 | 0.133 | 21.11 | 0.129 |
| 1.4 | 16QAM | 3 | 3 | 21.06 | 0.128 | 21.17 | 0.131 | 21.05 | 0.127 |
| 1.4 | 16QAM | 6 | 0 | 21.25 | 0.133 | 21.12 | 0.129 | 21.16 | 0.131 |
| 1.4 | 64QAM | 1 | 0 | 20.78 | 0.120 | 20.95 | 0.124 | 20.97 | 0.125 |
| 1.4 | 64QAM | 1 | 3 | 21.09 | 0.129 | 21.10 | 0.129 | 21.05 | 0.127 |
| 1.4 | 64QAM | 1 | 5 | 21.04 | 0.127 | 21.03 | 0.127 | 20.91 | 0.123 |
| 1.4 | 64QAM | 3 | 0 | 20.70 | 0.117 | 20.97 | 0.125 | 20.98 | 0.125 |
| 1.4 | 64QAM | 3 | 1 | 20.98 | 0.125 | 20.92 | 0.124 | 20.93 | 0.124 |
| 1.4 | 64QAM | 3 | 3 | 20.88 | 0.122 | 21.05 | 0.127 | 21.09 | 0.129 |
| 1.4 | 64QAM | 6 | 0 | 21.09 | 0.129 | 21.21 | 0.132 | 21.10 | 0.129 |



| 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 | 24.20 | 0.263 | 24.21 | 0.264 | 24.13 | 0.259 |
| 20 | QPSK | 1 | 49 | 24.15 | 0.260 | 24.19 | 0.262 | 24.08 | 0.256 |
| 20 | QPSK | 1 | 99 | 24.10 | 0.257 | 24.05 | 0.254 | 24.10 | 0.257 |
| 20 | QPSK | 50 | 0 | 23.27 | 0.212 | 23.34 | 0.216 | 23.31 | 0.214 |
| 20 | QPSK | 50 | 24 | 23.24 | 0.211 | 23.21 | 0.209 | 23.11 | 0.205 |
| 20 | QPSK | 50 | 50 | 23.26 | 0.212 | 23.30 | 0.214 | 23.26 | 0.212 |
| 20 | QPSK | 100 | 0 | 23.29 | 0.213 | 23.31 | 0.214 | 23.28 | 0.213 |
| 20 | 16QAM | 1 | 0 | 23.10 | 0.204 | 23.20 | 0.209 | 23.38 | 0.218 |
| 20 | 16QAM | 1 | 49 | 23.25 | 0.211 | 23.11 | 0.205 | 23.39 | 0.218 |
| 20 | 16QAM | 1 | 99 | 23.19 | 0.208 | 23.50 | 0.224 | 23.15 | 0.207 |
| 20 | 16QAM | 50 | 0 | 23.04 | 0.201 | 23.14 | 0.206 | 23.07 | 0.203 |
| 20 | 16QAM | 50 | 24 | 23.09 | 0.204 | 23.01 | 0.200 | 23.12 | 0.205 |
| 20 | 16QAM | 50 | 50 | 23.17 | 0.207 | 23.22 | 0.210 | 23.05 | 0.202 |
| 20 | 16QAM | 100 | 0 | 23.05 | 0.202 | 23.17 | 0.207 | 23.15 | 0.207 |
| 20 | 64QAM | 1 | 0 | 23.53 | 0.225 | 23.37 | 0.217 | 23.10 | 0.204 |
| 20 | 64QAM | 1 | 49 | 23.47 | 0.222 | 23.44 | 0.221 | 23.49 | 0.223 |
| 20 | 64QAM | 1 | 99 | 23.45 | 0.221 | 23.50 | 0.224 | 23.41 | 0.219 |
| 20 | 64QAM | 50 | 0 | 23.19 | 0.208 | 23.20 | 0.209 | 23.25 | 0.211 |
| 20 | 64QAM | 50 | 24 | 23.24 | 0.211 | 23.25 | 0.211 | 23.25 | 0.211 |
| 20 | 64QAM | 50 | 50 | 23.28 | 0.213 | 23.35 | 0.216 | 23.20 | 0.209 |
| 20 | 64QAM | 100 | 0 | 23.21 | 0.209 | 23.18 | 0.208 | 23.30 | 0.214 |



| 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 | 24.03 | 0.253 | 24.12 | 0.258 | 24.12 | 0.258 |
| 15 | QPSK | 1 | 37 | 24.13 | 0.259 | 24.10 | 0.257 | 24.14 | 0.259 |
| 15 | QPSK | 1 | 74 | 24.07 | 0.255 | 24.14 | 0.259 | 24.14 | 0.259 |
| 15 | QPSK | 36 | 0 | 23.06 | 0.202 | 23.15 | 0.207 | 23.17 | 0.207 |
| 15 | QPSK | 36 | 20 | 23.14 | 0.206 | 23.21 | 0.209 | 23.16 | 0.207 |
| 15 | QPSK | 36 | 39 | 23.17 | 0.207 | 23.20 | 0.209 | 23.24 | 0.211 |
| 15 | QPSK | 75 | 0 | 23.23 | 0.210 | 23.16 | 0.207 | 23.18 | 0.208 |
| 15 | 16QAM | 1 | 0 | 23.39 | 0.218 | 23.50 | 0.224 | 23.57 | 0.228 |
| 15 | 16QAM | 1 | 37 | 23.21 | 0.209 | 23.32 | 0.215 | 23.30 | 0.214 |
| 15 | 16QAM | 1 | 74 | 23.25 | 0.211 | 23.25 | 0.211 | 23.47 | 0.222 |
| 15 | 16QAM | 36 | 0 | 23.05 | 0.202 | 23.16 | 0.207 | 23.18 | 0.208 |
| 15 | 16QAM | 36 | 20 | 23.12 | 0.205 | 23.15 | 0.207 | 23.14 | 0.206 |
| 15 | 16QAM | 36 | 39 | 23.18 | 0.208 | 23.16 | 0.207 | 23.05 | 0.202 |
| 15 | 16QAM | 75 | 0 | 23.13 | 0.206 | 23.21 | 0.209 | 23.13 | 0.206 |
| 15 | 64QAM | 1 | 0 | 23.43 | 0.220 | 23.40 | 0.219 | 23.28 | 0.213 |
| 15 | 64QAM | 1 | 37 | 23.33 | 0.215 | 23.48 | 0.223 | 23.57 | 0.228 |
| 15 | 64QAM | 1 | 74 | 23.32 | 0.215 | 23.44 | 0.221 | 23.50 | 0.224 |
| 15 | 64QAM | 36 | 0 | 23.17 | 0.207 | 23.25 | 0.211 | 23.24 | 0.211 |
| 15 | 64QAM | 36 | 20 | 23.28 | 0.213 | 23.27 | 0.212 | 23.34 | 0.216 |
| 15 | 64QAM | 36 | 39 | 23.32 | 0.215 | 23.23 | 0.210 | 23.25 | 0.211 |
| 15 | 64QAM | 75 | 0 | 23.17 | 0.207 | 23.27 | 0.212 | 23.22 | 0.210 |



| 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 | 24.03 | 0.253 | 24.12 | 0.258 | 24.12 | 0.258 |
| 10 | QPSK | 1 | 25 | 24.13 | 0.259 | 24.10 | 0.257 | 24.14 | 0.259 |
| 10 | QPSK | 1 | 49 | 24.07 | 0.255 | 24.14 | 0.259 | 24.14 | 0.259 |
| 10 | QPSK | 25 | 0 | 23.06 | 0.202 | 23.15 | 0.207 | 23.17 | 0.207 |
| 10 | QPSK | 25 | 12 | 23.14 | 0.206 | 23.21 | 0.209 | 23.16 | 0.207 |
| 10 | QPSK | 25 | 25 | 23.17 | 0.207 | 23.20 | 0.209 | 23.24 | 0.211 |
| 10 | QPSK | 50 | 0 | 23.23 | 0.210 | 23.16 | 0.207 | 23.18 | 0.208 |
| 10 | 16QAM | 1 | 0 | 23.39 | 0.218 | 23.50 | 0.224 | 23.57 | 0.228 |
| 10 | 16QAM | 1 | 25 | 23.21 | 0.209 | 23.32 | 0.215 | 23.30 | 0.214 |
| 10 | 16QAM | 1 | 49 | 23.25 | 0.211 | 23.25 | 0.211 | 23.47 | 0.222 |
| 10 | 16QAM | 25 | 0 | 23.05 | 0.202 | 23.16 | 0.207 | 23.18 | 0.208 |
| 10 | 16QAM | 25 | 12 | 23.12 | 0.205 | 23.15 | 0.207 | 23.14 | 0.206 |
| 10 | 16QAM | 25 | 25 | 23.18 | 0.208 | 23.16 | 0.207 | 23.05 | 0.202 |
| 10 | 16QAM | 50 | 0 | 23.13 | 0.206 | 23.21 | 0.209 | 23.13 | 0.206 |
| 10 | 64QAM | 1 | 0 | 23.22 | 0.210 | 23.19 | 0.208 | 23.07 | 0.203 |
| 10 | 64QAM | 1 | 25 | 23.12 | 0.205 | 23.27 | 0.212 | 23.36 | 0.217 |
| 10 | 64QAM | 1 | 49 | 23.11 | 0.205 | 23.23 | 0.210 | 23.29 | 0.213 |
| 10 | 64QAM | 25 | 0 | 23.17 | 0.207 | 23.25 | 0.211 | 23.24 | 0.211 |
| 10 | 64QAM | 25 | 12 | 23.28 | 0.213 | 23.27 | 0.212 | 23.34 | 0.216 |
| 10 | 64QAM | 25 | 25 | 23.32 | 0.215 | 23.23 | 0.210 | 23.25 | 0.211 |
| 10 | 64QAM | 50 | 0 | 23.17 | 0.207 | 23.27 | 0.212 | 23.22 | 0.210 |



| 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 | 24.06 | 0.255 | 23.97 | 0.249 | 23.87 | 0.244 |
| 5 | QPSK | 1 | 12 | 23.93 | 0.247 | 23.86 | 0.243 | 23.94 | 0.248 |
| 5 | QPSK | 1 | 24 | 23.87 | 0.244 | 23.93 | 0.247 | 23.97 | 0.249 |
| 5 | QPSK | 12 | 0 | 23.20 | 0.209 | 23.28 | 0.213 | 23.20 | 0.209 |
| 5 | QPSK | 12 | 7 | 23.27 | 0.212 | 23.42 | 0.220 | 23.34 | 0.216 |
| 5 | QPSK | 12 | 13 | 23.29 | 0.213 | 23.45 | 0.221 | 23.30 | 0.214 |
| 5 | QPSK | 25 | 0 | 23.30 | 0.214 | 23.31 | 0.214 | 23.26 | 0.212 |
| 5 | 16QAM | 1 | 0 | 23.28 | 0.213 | 23.26 | 0.212 | 23.32 | 0.215 |
| 5 | 16QAM | 1 | 12 | 23.33 | 0.215 | 23.55 | 0.226 | 23.45 | 0.221 |
| 5 | 16QAM | 1 | 24 | 23.39 | 0.218 | 23.58 | 0.228 | 23.40 | 0.219 |
| 5 | 16QAM | 12 | 0 | 23.30 | 0.214 | 23.36 | 0.217 | 23.27 | 0.212 |
| 5 | 16QAM | 12 | 7 | 23.19 | 0.208 | 23.21 | 0.209 | 23.17 | 0.207 |
| 5 | 16QAM | 12 | 13 | 23.19 | 0.208 | 23.25 | 0.211 | 23.38 | 0.218 |
| 5 | 16QAM | 25 | 0 | 23.16 | 0.207 | 23.21 | 0.209 | 23.23 | 0.210 |
| 5 | 64QAM | 1 | 0 | 23.40 | 0.219 | 23.45 | 0.221 | 23.41 | 0.219 |
| 5 | 64QAM | 1 | 12 | 23.45 | 0.221 | 23.57 | 0.228 | 23.45 | 0.221 |
| 5 | 64QAM | 1 | 24 | 23.49 | 0.223 | 23.59 | 0.229 | 23.55 | 0.226 |
| 5 | 64QAM | 12 | 0 | 23.20 | 0.209 | 23.17 | 0.207 | 23.22 | 0.210 |
| 5 | 64QAM | 12 | 7 | 23.29 | 0.213 | 23.34 | 0.216 | 23.13 | 0.206 |
| 5 | 64QAM | 12 | 13 | 23.24 | 0.211 | 23.33 | 0.215 | 23.19 | 0.208 |
| 5 | 64QAM | 25 | 0 | 23.19 | 0.208 | 23.18 | 0.208 | 23.23 | 0.210 |



| 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 | 21.75 | 0.150 | 21.91 | 0.155 | 21.80 | 0.151 |
| 10 | QPSK | 1 | 25 | 21.61 | 0.145 | 21.74 | 0.149 | 21.77 | 0.150 |
| 10 | QPSK | 1 | 49 | 21.71 | 0.148 | 21.72 | 0.149 | 21.71 | 0.148 |
| 10 | QPSK | 25 | 0 | 21.00 | 0.126 | 21.10 | 0.129 | 21.01 | 0.126 |
| 10 | QPSK | 25 | 12 | 20.97 | 0.125 | 20.91 | 0.123 | 20.70 | 0.117 |
| 10 | QPSK | 25 | 25 | 21.02 | 0.126 | 21.08 | 0.128 | 21.01 | 0.126 |
| 10 | QPSK | 50 | 0 | 21.03 | 0.127 | 21.05 | 0.127 | 20.96 | 0.125 |
| 10 | 16QAM | 1 | 0 | 20.96 | 0.125 | 20.51 | 0.112 | 20.64 | 0.116 |
| 10 | 16QAM | 1 | 25 | 20.71 | 0.118 | 20.66 | 0.116 | 20.80 | 0.120 |
| 10 | 16QAM | 1 | 49 | 20.80 | 0.120 | 20.85 | 0.122 | 20.74 | 0.119 |
| 10 | 16QAM | 25 | 0 | 20.69 | 0.117 | 20.71 | 0.118 | 20.65 | 0.116 |
| 10 | 16QAM | 25 | 12 | 20.73 | 0.118 | 20.77 | 0.119 | 20.66 | 0.116 |
| 10 | 16QAM | 25 | 25 | 20.78 | 0.120 | 20.79 | 0.120 | 20.73 | 0.118 |
| 10 | 16QAM | 50 | 0 | 20.68 | 0.117 | 20.76 | 0.119 | 20.81 | 0.121 |
| 10 | 64QAM | 1 | 0 | 20.53 | 0.113 | 20.65 | 0.116 | 20.99 | 0.126 |
| 10 | 64QAM | 1 | 25 | 20.97 | 0.125 | 21.03 | 0.127 | 20.62 | 0.115 |
| 10 | 64QAM | 1 | 49 | 20.99 | 0.126 | 20.67 | 0.117 | 20.60 | 0.115 |
| 10 | 64QAM | 25 | 0 | 20.50 | 0.112 | 20.44 | 0.111 | 20.41 | 0.110 |
| 10 | 64QAM | 25 | 12 | 20.55 | 0.114 | 20.58 | 0.114 | 20.50 | 0.112 |
| 10 | 64QAM | 25 | 25 | 20.60 | 0.115 | 20.57 | 0.114 | 20.57 | 0.114 |
| 10 | 64QAM | 50 | 0 | 20.52 | 0.113 | 20.45 | 0.111 | 20.56 | 0.114 |



| 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 | 21.50 | 0.141 | 21.83 | 0.152 | 21.61 | 0.145 |
| 5 | QPSK | 1 | 12 | 21.66 | 0.147 | 21.82 | 0.152 | 21.66 | 0.147 |
| 5 | QPSK | 1 | 24 | 21.62 | 0.145 | 21.81 | 0.152 | 21.67 | 0.147 |
| 5 | QPSK | 12 | 0 | 20.73 | 0.118 | 20.80 | 0.120 | 20.79 | 0.120 |
| 5 | QPSK | 12 | 7 | 20.84 | 0.121 | 20.86 | 0.122 | 20.83 | 0.121 |
| 5 | QPSK | 12 | 13 | 20.79 | 0.120 | 20.82 | 0.121 | 20.79 | 0.120 |
| 5 | QPSK | 25 | 0 | 20.75 | 0.119 | 20.87 | 0.122 | 20.83 | 0.121 |
| 5 | 16QAM | 1 | 0 | 20.76 | 0.119 | 20.78 | 0.120 | 20.80 | 0.120 |
| 5 | 16QAM | 1 | 12 | 20.93 | 0.124 | 20.88 | 0.122 | 20.89 | 0.123 |
| 5 | 16QAM | 1 | 24 | 20.89 | 0.123 | 20.87 | 0.122 | 20.83 | 0.121 |
| 5 | 16QAM | 12 | 0 | 20.63 | 0.116 | 20.60 | 0.115 | 20.63 | 0.116 |
| 5 | 16QAM | 12 | 7 | 20.77 | 0.119 | 20.82 | 0.121 | 20.66 | 0.116 |
| 5 | 16QAM | 12 | 13 | 20.72 | 0.118 | 20.69 | 0.117 | 20.74 | 0.119 |
| 5 | 16QAM | 25 | 0 | 20.73 | 0.118 | 20.69 | 0.117 | 20.71 | 0.118 |
| 5 | 64QAM | 1 | 0 | 20.51 | 0.112 | 20.52 | 0.113 | 20.57 | 0.114 |
| 5 | 64QAM | 1 | 12 | 20.96 | 0.125 | 20.66 | 0.116 | 20.59 | 0.115 |
| 5 | 64QAM | 1 | 24 | 20.94 | 0.124 | 20.63 | 0.116 | 20.68 | 0.117 |
| 5 | 64QAM | 12 | 0 | 20.48 | 0.112 | 20.50 | 0.112 | 20.45 | 0.111 |
| 5 | 64QAM | 12 | 7 | 20.58 | 0.114 | 20.46 | 0.111 | 20.52 | 0.113 |
| 5 | 64QAM | 12 | 13 | 20.45 | 0.111 | 20.55 | 0.114 | 20.60 | 0.115 |
| 5 | 64QAM | 25 | 0 | 20.60 | 0.115 | 20.56 | 0.114 | 20.53 | 0.113 |



| 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 | 21.58 | 0.144 | 21.85 | 0.153 | 21.52 | 0.142 |
| 3 | QPSK | 1 | 8 | 21.76 | 0.150 | 21.75 | 0.150 | 21.65 | 0.146 |
| 3 | QPSK | 1 | 14 | 21.70 | 0.148 | 21.81 | 0.152 | 21.76 | 0.150 |
| 3 | QPSK | 8 | 0 | 20.81 | 0.121 | 20.79 | 0.120 | 20.79 | 0.120 |
| 3 | QPSK | 8 | 4 | 20.84 | 0.121 | 20.87 | 0.122 | 20.88 | 0.122 |
| 3 | QPSK | 8 | 7 | 20.79 | 0.120 | 20.87 | 0.122 | 20.81 | 0.121 |
| 3 | QPSK | 15 | 0 | 20.57 | 0.114 | 20.65 | 0.116 | 20.51 | 0.112 |
| 3 | 16QAM | 1 | 0 | 20.58 | 0.114 | 20.94 | 0.124 | 20.53 | 0.113 |
| 3 | 16QAM | 1 | 8 | 20.78 | 0.120 | 20.76 | 0.119 | 20.71 | 0.118 |
| 3 | 16QAM | 1 | 14 | 20.61 | 0.115 | 20.66 | 0.116 | 20.52 | 0.113 |
| 3 | 16QAM | 8 | 0 | 20.58 | 0.114 | 20.47 | 0.111 | 20.50 | 0.112 |
| 3 | 16QAM | 8 | 4 | 20.63 | 0.116 | 20.60 | 0.115 | 20.71 | 0.118 |
| 3 | 16QAM | 8 | 7 | 20.47 | 0.111 | 20.50 | 0.112 | 20.56 | 0.114 |
| 3 | 16QAM | 15 | 0 | 20.66 | 0.116 | 20.59 | 0.115 | 20.58 | 0.114 |
| 3 | 64QAM | 1 | 0 | 20.52 | 0.113 | 20.86 | 0.122 | 20.85 | 0.122 |
| 3 | 64QAM | 1 | 8 | 20.81 | 0.121 | 20.71 | 0.118 | 20.72 | 0.118 |
| 3 | 64QAM | 1 | 14 | 20.74 | 0.119 | 20.59 | 0.115 | 20.70 | 0.117 |
| 3 | 64QAM | 8 | 0 | 20.41 | 0.110 | 20.49 | 0.112 | 20.40 | 0.110 |
| 3 | 64QAM | 8 | 4 | 20.50 | 0.112 | 20.54 | 0.113 | 20.53 | 0.113 |
| 3 | 64QAM | 8 | 7 | 20.49 | 0.112 | 20.41 | 0.110 | 20.56 | 0.114 |
| 3 | 64QAM | 15 | 0 | 20.48 | 0.112 | 20.50 | 0.112 | 20.42 | 0.110 |



| 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 | 21.61 | 0.145 | 21.78 | 0.151 | 21.58 | 0.144 |
| 1.4 | QPSK | 1 | 3 | 21.72 | 0.149 | 21.71 | 0.148 | 21.73 | 0.149 |
| 1.4 | QPSK | 1 | 5 | 21.61 | 0.145 | 21.66 | 0.147 | 21.62 | 0.145 |
| 1.4 | QPSK | 3 | 0 | 21.56 | 0.143 | 21.69 | 0.148 | 21.67 | 0.147 |
| 1.4 | QPSK | 3 | 1 | 21.77 | 0.150 | 21.77 | 0.150 | 21.44 | 0.139 |
| 1.4 | QPSK | 3 | 3 | 21.72 | 0.149 | 21.74 | 0.149 | 21.70 | 0.148 |
| 1.4 | QPSK | 6 | 0 | 20.78 | 0.120 | 20.75 | 0.119 | 20.73 | 0.118 |
| 1.4 | 16QAM | 1 | 0 | 20.82 | 0.121 | 20.76 | 0.119 | 20.61 | 0.115 |
| 1.4 | 16QAM | 1 | 3 | 20.63 | 0.116 | 21.06 | 0.128 | 20.73 | 0.118 |
| 1.4 | 16QAM | 1 | 5 | 20.75 | 0.119 | 20.76 | 0.119 | 20.75 | 0.119 |
| 1.4 | 16QAM | 3 | 0 | 20.59 | 0.115 | 20.62 | 0.115 | 20.63 | 0.116 |
| 1.4 | 16QAM | 3 | 1 | 20.75 | 0.119 | 20.83 | 0.121 | 20.67 | 0.117 |
| 1.4 | 16QAM | 3 | 3 | 20.58 | 0.114 | 20.72 | 0.118 | 20.72 | 0.118 |
| 1.4 | 16QAM | 6 | 0 | 20.51 | 0.112 | 20.71 | 0.118 | 20.61 | 0.115 |
| 1.4 | 64QAM | 1 | 0 | 20.36 | 0.109 | 20.51 | 0.112 | 20.35 | 0.108 |
| 1.4 | 64QAM | 1 | 3 | 20.48 | 0.112 | 20.41 | 0.110 | 20.46 | 0.111 |
| 1.4 | 64QAM | 1 | 5 | 20.64 | 0.116 | 20.67 | 0.117 | 20.63 | 0.116 |
| 1.4 | 64QAM | 3 | 0 | 20.54 | 0.113 | 20.55 | 0.114 | 20.38 | 0.109 |
| 1.4 | 64QAM | 3 | 1 | 20.52 | 0.113 | 20.76 | 0.119 | 20.61 | 0.115 |
| 1.4 | 64QAM | 3 | 3 | 20.54 | 0.113 | 20.38 | 0.109 | 20.54 | 0.113 |
| 1.4 | 64QAM | 6 | 0 | 20.50 | 0.112 | 20.51 | 0.112 | 20.38 | 0.109 |



| 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 | 21.91 | 0.155 | 21.94 | 0.156 | 21.91 | 0.155 |
| 10 | QPSK | 1 | 25 | 21.79 | 0.151 | 21.75 | 0.150 | 21.81 | 0.152 |
| 10 | QPSK | 1 | 49 | 21.72 | 0.149 | 21.75 | 0.150 | 21.70 | 0.148 |
| 10 | QPSK | 25 | 0 | 21.02 | 0.126 | 21.08 | 0.128 | 21.00 | 0.126 |
| 10 | QPSK | 25 | 12 | 20.87 | 0.122 | 20.81 | 0.121 | 20.95 | 0.124 |
| 10 | QPSK | 25 | 25 | 20.85 | 0.122 | 20.85 | 0.122 | 20.94 | 0.124 |
| 10 | QPSK | 50 | 0 | 20.98 | 0.125 | 20.85 | 0.122 | 20.86 | 0.122 |
| 10 | 16QAM | 1 | 0 | 20.50 | 0.112 | 20.69 | 0.117 | 20.83 | 0.121 |
| 10 | 16QAM | 1 | 25 | 20.71 | 0.118 | 21.00 | 0.126 | 20.84 | 0.121 |
| 10 | 16QAM | 1 | 49 | 20.67 | 0.117 | 20.92 | 0.124 | 20.97 | 0.125 |
| 10 | 16QAM | 25 | 0 | 20.61 | 0.115 | 20.85 | 0.122 | 20.84 | 0.121 |
| 10 | 16QAM | 25 | 12 | 20.67 | 0.117 | 20.82 | 0.121 | 20.80 | 0.120 |
| 10 | 16QAM | 25 | 25 | 20.50 | 0.112 | 20.76 | 0.119 | 20.81 | 0.121 |
| 10 | 16QAM | 50 | 0 | 20.54 | 0.113 | 20.83 | 0.121 | 20.80 | 0.120 |
| 10 | 64QAM | 1 | 0 | 20.51 | 0.112 | 20.84 | 0.121 | 20.52 | 0.113 |
| 10 | 64QAM | 1 | 25 | 20.74 | 0.119 | 20.64 | 0.116 | 20.54 | 0.113 |
| 10 | 64QAM | 1 | 49 | 20.48 | 0.112 | 20.51 | 0.112 | 20.51 | 0.112 |
| 10 | 64QAM | 25 | 0 | 20.66 | 0.116 | 20.83 | 0.121 | 20.81 | 0.121 |
| 10 | 64QAM | 25 | 12 | 20.79 | 0.120 | 20.87 | 0.122 | 21.04 | 0.127 |
| 10 | 64QAM | 25 | 25 | 20.73 | 0.118 | 20.94 | 0.124 | 21.10 | 0.129 |
| 10 | 64QAM | 50 | 0 | 20.80 | 0.120 | 21.03 | 0.127 | 21.04 | 0.127 |



| 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 | 21.85 | 0.153 | 21.81 | 0.152 | 21.77 | 0.150 |
| 5 | QPSK | 1 | 12 | 21.84 | 0.153 | 21.80 | 0.151 | 21.79 | 0.151 |
| 5 | QPSK | 1 | 24 | 21.76 | 0.150 | 21.82 | 0.152 | 21.81 | 0.152 |
| 5 | QPSK | 12 | 0 | 20.92 | 0.124 | 21.10 | 0.129 | 21.26 | 0.134 |
| 5 | QPSK | 12 | 7 | 21.04 | 0.127 | 21.13 | 0.130 | 21.21 | 0.132 |
| 5 | QPSK | 12 | 13 | 20.87 | 0.122 | 21.15 | 0.130 | 21.21 | 0.132 |
| 5 | QPSK | 25 | 0 | 20.69 | 0.117 | 20.86 | 0.122 | 20.99 | 0.126 |
| 5 | 16QAM | 1 | 0 | 21.17 | 0.131 | 21.22 | 0.132 | 20.94 | 0.124 |
| 5 | 16QAM | 1 | 12 | 21.34 | 0.136 | 20.90 | 0.123 | 21.27 | 0.134 |
| 5 | 16QAM | 1 | 24 | 21.18 | 0.131 | 21.23 | 0.133 | 21.39 | 0.138 |
| 5 | 16QAM | 12 | 0 | 20.62 | 0.115 | 20.65 | 0.116 | 20.86 | 0.122 |
| 5 | 16QAM | 12 | 7 | 20.62 | 0.115 | 20.69 | 0.117 | 20.81 | 0.121 |
| 5 | 16QAM | 12 | 13 | 20.53 | 0.113 | 20.78 | 0.120 | 20.81 | 0.121 |
| 5 | 16QAM | 25 | 0 | 20.63 | 0.116 | 20.75 | 0.119 | 20.79 | 0.120 |
| 5 | 64QAM | 1 | 0 | 20.64 | 0.116 | 20.65 | 0.116 | 20.65 | 0.116 |
| 5 | 64QAM | 1 | 12 | 20.68 | 0.117 | 20.65 | 0.116 | 20.73 | 0.118 |
| 5 | 64QAM | 1 | 24 | 20.73 | 0.118 | 20.73 | 0.118 | 20.65 | 0.116 |
| 5 | 64QAM | 12 | 0 | 20.79 | 0.120 | 20.84 | 0.121 | 21.08 | 0.128 |
| 5 | 64QAM | 12 | 7 | 20.92 | 0.124 | 21.00 | 0.126 | 20.94 | 0.124 |
| 5 | 64QAM | 12 | 13 | 20.77 | 0.119 | 20.95 | 0.124 | 20.97 | 0.125 |
| 5 | 64QAM | 25 | 0 | 20.74 | 0.119 | 20.93 | 0.124 | 21.09 | 0.129 |



| LTE Band 26 | | | | 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 | 21.91 | 0.155 | 21.86 | 0.153 | 21.88 | 0.154 |
| 15 | QPSK | 1 | 37 | 21.82 | 0.152 | 21.75 | 0.150 | 21.88 | 0.154 |
| 15 | QPSK | 1 | 74 | 21.81 | 0.152 | 21.74 | 0.149 | 21.83 | 0.152 |
| 15 | QPSK | 36 | 0 | 21.27 | 0.134 | 21.23 | 0.133 | 21.15 | 0.130 |
| 15 | QPSK | 36 | 20 | 21.02 | 0.126 | 20.94 | 0.124 | 20.87 | 0.122 |
| 15 | QPSK | 36 | 39 | 20.89 | 0.123 | 20.78 | 0.120 | 20.95 | 0.124 |
| 15 | QPSK | 75 | 0 | 20.90 | 0.123 | 20.83 | 0.121 | 20.97 | 0.125 |
| 15 | 16QAM | 1 | 0 | 21.03 | 0.127 | 20.92 | 0.124 | 21.31 | 0.135 |
| 15 | 16QAM | 1 | 37 | 20.95 | 0.124 | 20.86 | 0.122 | 21.09 | 0.129 |
| 15 | 16QAM | 1 | 74 | 20.88 | 0.122 | 20.85 | 0.122 | 20.89 | 0.123 |
| 15 | 16QAM | 36 | 0 | 20.85 | 0.122 | 20.75 | 0.119 | 20.88 | 0.122 |
| 15 | 16QAM | 36 | 20 | 20.74 | 0.119 | 20.70 | 0.117 | 20.89 | 0.123 |
| 15 | 16QAM | 36 | 39 | 20.81 | 0.121 | 20.70 | 0.117 | 20.89 | 0.123 |
| 15 | 16QAM | 75 | 0 | 20.91 | 0.123 | 20.80 | 0.120 | 20.91 | 0.123 |
| 15 | 64QAM | 1 | 0 | 20.52 | 0.113 | 20.47 | 0.111 | 20.34 | 0.108 |
| 15 | 64QAM | 1 | 37 | 20.34 | 0.108 | 20.23 | 0.105 | 20.44 | 0.111 |
| 15 | 64QAM | 1 | 74 | 20.30 | 0.107 | 20.18 | 0.104 | 20.62 | 0.115 |
| 15 | 64QAM | 36 | 0 | 20.51 | 0.112 | 20.43 | 0.110 | 20.50 | 0.112 |
| 15 | 64QAM | 36 | 20 | 20.51 | 0.112 | 20.40 | 0.110 | 20.42 | 0.110 |
| 15 | 64QAM | 36 | 39 | 20.57 | 0.114 | 20.48 | 0.112 | 20.33 | 0.108 |
| 15 | 64QAM | 75 | 0 | 20.54 | 0.113 | 20.53 | 0.113 | 20.47 | 0.111 |



| LTE Band 26 | | | | 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 | 21.75 | 0.150 | 21.76 | 0.150 | 21.80 | 0.151 |
| 10 | QPSK | 1 | 25 | 21.62 | 0.145 | 21.65 | 0.146 | 21.74 | 0.149 |
| 10 | QPSK | 1 | 49 | 21.66 | 0.147 | 21.70 | 0.148 | 21.73 | 0.149 |
| 10 | QPSK | 25 | 0 | 20.83 | 0.121 | 20.76 | 0.119 | 20.88 | 0.122 |
| 10 | QPSK | 25 | 12 | 20.68 | 0.117 | 20.77 | 0.119 | 20.78 | 0.120 |
| 10 | QPSK | 25 | 25 | 20.78 | 0.120 | 20.81 | 0.121 | 20.85 | 0.122 |
| 10 | QPSK | 50 | 0 | 20.43 | 0.110 | 20.41 | 0.110 | 20.53 | 0.113 |
| 10 | 16QAM | 1 | 0 | 20.55 | 0.114 | 20.63 | 0.116 | 20.64 | 0.116 |
| 10 | 16QAM | 1 | 25 | 20.69 | 0.117 | 20.71 | 0.118 | 20.78 | 0.120 |
| 10 | 16QAM | 1 | 49 | 20.51 | 0.112 | 20.52 | 0.113 | 20.55 | 0.114 |
| 10 | 16QAM | 25 | 0 | 21.00 | 0.126 | 21.00 | 0.126 | 21.02 | 0.126 |
| 10 | 16QAM | 25 | 12 | 20.76 | 0.119 | 20.75 | 0.119 | 20.84 | 0.121 |
| 10 | 16QAM | 25 | 25 | 20.64 | 0.116 | 20.64 | 0.116 | 20.71 | 0.118 |
| 10 | 16QAM | 50 | 0 | 21.09 | 0.129 | 21.09 | 0.129 | 21.17 | 0.131 |
| 10 | 64QAM | 1 | 0 | 20.36 | 0.109 | 20.36 | 0.109 | 20.42 | 0.110 |
| 10 | 64QAM | 1 | 25 | 20.33 | 0.108 | 20.38 | 0.109 | 20.44 | 0.111 |
| 10 | 64QAM | 1 | 49 | 20.30 | 0.107 | 20.37 | 0.109 | 20.41 | 0.110 |
| 10 | 64QAM | 25 | 0 | 20.46 | 0.111 | 20.38 | 0.109 | 20.49 | 0.112 |
| 10 | 64QAM | 25 | 12 | 20.42 | 0.110 | 20.44 | 0.111 | 20.48 | 0.112 |
| 10 | 64QAM | 25 | 25 | 20.28 | 0.107 | 20.23 | 0.105 | 20.31 | 0.107 |
| 10 | 64QAM | 50 | 0 | 20.36 | 0.109 | 20.36 | 0.109 | 20.45 | 0.111 |



| LTE Band 26 | | | | 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 | 21.78 | 0.151 | 21.76 | 0.150 | 21.79 | 0.151 |
| 5 | QPSK | 1 | 12 | 21.72 | 0.149 | 21.69 | 0.148 | 21.79 | 0.151 |
| 5 | QPSK | 1 | 24 | 21.72 | 0.149 | 21.80 | 0.151 | 21.81 | 0.152 |
| 5 | QPSK | 12 | 0 | 20.85 | 0.122 | 20.75 | 0.119 | 20.86 | 0.122 |
| 5 | QPSK | 12 | 7 | 20.87 | 0.122 | 20.94 | 0.124 | 20.96 | 0.125 |
| 5 | QPSK | 12 | 13 | 20.73 | 0.118 | 20.83 | 0.121 | 20.85 | 0.122 |
| 5 | QPSK | 25 | 0 | 21.01 | 0.126 | 20.95 | 0.124 | 21.04 | 0.127 |
| 5 | 16QAM | 1 | 0 | 20.79 | 0.120 | 20.89 | 0.123 | 20.90 | 0.123 |
| 5 | 16QAM | 1 | 12 | 20.79 | 0.120 | 20.68 | 0.117 | 20.80 | 0.120 |
| 5 | 16QAM | 1 | 24 | 20.97 | 0.125 | 20.92 | 0.124 | 21.03 | 0.127 |
| 5 | 16QAM | 12 | 0 | 20.96 | 0.125 | 20.98 | 0.125 | 21.06 | 0.128 |
| 5 | 16QAM | 12 | 7 | 20.77 | 0.119 | 20.72 | 0.118 | 20.82 | 0.121 |
| 5 | 16QAM | 12 | 13 | 20.83 | 0.121 | 20.75 | 0.119 | 20.87 | 0.122 |
| 5 | 16QAM | 25 | 0 | 20.84 | 0.121 | 20.86 | 0.122 | 20.89 | 0.123 |
| 5 | 64QAM | 1 | 0 | 20.30 | 0.107 | 20.34 | 0.108 | 20.41 | 0.110 |
| 5 | 64QAM | 1 | 12 | 20.37 | 0.109 | 20.32 | 0.108 | 20.42 | 0.110 |
| 5 | 64QAM | 1 | 24 | 20.40 | 0.110 | 20.38 | 0.109 | 20.41 | 0.110 |
| 5 | 64QAM | 12 | 0 | 20.28 | 0.107 | 20.28 | 0.107 | 20.32 | 0.108 |
| 5 | 64QAM | 12 | 7 | 20.26 | 0.106 | 20.31 | 0.107 | 20.33 | 0.108 |
| 5 | 64QAM | 12 | 13 | 20.19 | 0.104 | 20.24 | 0.106 | 20.25 | 0.106 |
| 5 | 64QAM | 25 | 0 | 20.28 | 0.107 | 20.20 | 0.105 | 20.31 | 0.107 |



| LTE Band 26 | | | | 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 | 21.82 | 0.152 | 21.72 | 0.149 | 21.84 | 0.153 |
| 3 | QPSK | 1 | 8 | 21.70 | 0.148 | 21.65 | 0.146 | 21.73 | 0.149 |
| 3 | QPSK | 1 | 14 | 21.75 | 0.150 | 21.71 | 0.148 | 21.80 | 0.151 |
| 3 | QPSK | 8 | 0 | 20.96 | 0.125 | 21.00 | 0.126 | 21.08 | 0.128 |
| 3 | QPSK | 8 | 4 | 20.76 | 0.119 | 20.77 | 0.119 | 20.85 | 0.122 |
| 3 | QPSK | 8 | 7 | 21.00 | 0.126 | 20.99 | 0.126 | 21.06 | 0.128 |
| 3 | QPSK | 15 | 0 | 20.89 | 0.123 | 20.87 | 0.122 | 20.97 | 0.125 |
| 3 | 16QAM | 1 | 0 | 21.08 | 0.128 | 21.03 | 0.127 | 21.13 | 0.130 |
| 3 | 16QAM | 1 | 8 | 21.04 | 0.127 | 21.07 | 0.128 | 21.09 | 0.129 |
| 3 | 16QAM | 1 | 14 | 20.90 | 0.123 | 20.94 | 0.124 | 21.00 | 0.126 |
| 3 | 16QAM | 8 | 0 | 20.83 | 0.121 | 20.90 | 0.123 | 20.94 | 0.124 |
| 3 | 16QAM | 8 | 4 | 20.78 | 0.120 | 20.87 | 0.122 | 20.89 | 0.123 |
| 3 | 16QAM | 8 | 7 | 20.75 | 0.119 | 20.75 | 0.119 | 20.85 | 0.122 |
| 3 | 16QAM | 15 | 0 | 20.93 | 0.124 | 20.88 | 0.122 | 20.98 | 0.125 |
| 3 | 64QAM | 1 | 0 | 20.47 | 0.111 | 20.41 | 0.110 | 20.53 | 0.113 |
| 3 | 64QAM | 1 | 8 | 20.35 | 0.108 | 20.40 | 0.110 | 20.44 | 0.111 |
| 3 | 64QAM | 1 | 14 | 20.53 | 0.113 | 20.50 | 0.112 | 20.60 | 0.115 |
| 3 | 64QAM | 8 | 0 | 20.28 | 0.107 | 20.28 | 0.107 | 20.38 | 0.109 |
| 3 | 64QAM | 8 | 4 | 20.33 | 0.108 | 20.26 | 0.106 | 20.38 | 0.109 |
| 3 | 64QAM | 8 | 7 | 20.26 | 0.106 | 20.36 | 0.109 | 20.37 | 0.109 |
| 3 | 64QAM | 15 | 0 | 20.25 | 0.106 | 20.32 | 0.108 | 20.35 | 0.108 |



| 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 | 21.73 | 0.149 | 21.67 | 0.147 | 21.79 | 0.151 |
| 1.4 | QPSK | 1 | 3 | 21.60 | 0.145 | 21.67 | 0.147 | 21.71 | 0.148 |
| 1.4 | QPSK | 1 | 5 | 21.62 | 0.145 | 21.66 | 0.147 | 21.70 | 0.148 |
| 1.4 | QPSK | 3 | 0 | 21.70 | 0.148 | 21.63 | 0.146 | 21.72 | 0.149 |
| 1.4 | QPSK | 3 | 1 | 21.71 | 0.148 | 21.71 | 0.148 | 21.78 | 0.151 |
| 1.4 | QPSK | 3 | 3 | 21.42 | 0.139 | 21.40 | 0.138 | 21.51 | 0.142 |
| 1.4 | QPSK | 6 | 0 | 21.06 | 0.128 | 21.06 | 0.128 | 21.08 | 0.128 |
| 1.4 | 16QAM | 1 | 0 | 20.89 | 0.123 | 20.89 | 0.123 | 20.95 | 0.124 |
| 1.4 | 16QAM | 1 | 3 | 20.86 | 0.122 | 20.84 | 0.121 | 20.89 | 0.123 |
| 1.4 | 16QAM | 1 | 5 | 20.92 | 0.124 | 20.95 | 0.124 | 20.99 | 0.126 |
| 1.4 | 16QAM | 3 | 0 | 20.69 | 0.117 | 20.71 | 0.118 | 20.72 | 0.118 |
| 1.4 | 16QAM | 3 | 1 | 20.61 | 0.115 | 20.55 | 0.114 | 20.63 | 0.116 |
| 1.4 | 16QAM | 3 | 3 | 20.41 | 0.110 | 20.40 | 0.110 | 20.44 | 0.111 |
| 1.4 | 16QAM | 6 | 0 | 20.95 | 0.124 | 20.91 | 0.123 | 21.02 | 0.126 |
| 1.4 | 64QAM | 1 | 0 | 20.27 | 0.106 | 20.26 | 0.106 | 20.32 | 0.108 |
| 1.4 | 64QAM | 1 | 3 | 20.28 | 0.107 | 20.34 | 0.108 | 20.36 | 0.109 |
| 1.4 | 64QAM | 1 | 5 | 20.28 | 0.107 | 20.35 | 0.108 | 20.40 | 0.110 |
| 1.4 | 64QAM | 3 | 0 | 20.69 | 0.117 | 20.65 | 0.116 | 20.70 | 0.117 |
| 1.4 | 64QAM | 3 | 1 | 20.55 | 0.114 | 20.54 | 0.113 | 20.66 | 0.116 |
| 1.4 | 64QAM | 3 | 3 | 20.53 | 0.113 | 20.53 | 0.113 | 20.61 | 0.115 |
| 1.4 | 64QAM | 6 | 0 | 20.32 | 0.108 | 20.30 | 0.107 | 20.37 | 0.109 |



| 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 | 24.73 | 0.297 | 24.75 | 0.299 | 24.68 | 0.294 |
| 20 | QPSK | 1 | 49 | 24.68 | 0.294 | 24.68 | 0.294 | 24.69 | 0.294 |
| 20 | QPSK | 1 | 99 | 24.69 | 0.294 | 24.64 | 0.291 | 24.74 | 0.298 |
| 20 | QPSK | 50 | 0 | 23.84 | 0.242 | 23.85 | 0.243 | 23.83 | 0.242 |
| 20 | QPSK | 50 | 24 | 23.69 | 0.234 | 23.62 | 0.230 | 23.59 | 0.229 |
| 20 | QPSK | 50 | 50 | 23.83 | 0.242 | 23.63 | 0.231 | 23.62 | 0.230 |
| 20 | QPSK | 100 | 0 | 23.62 | 0.230 | 23.69 | 0.234 | 23.63 | 0.231 |
| 20 | 16QAM | 1 | 0 | 23.79 | 0.239 | 23.62 | 0.230 | 23.69 | 0.234 |
| 20 | 16QAM | 1 | 49 | 23.67 | 0.233 | 23.62 | 0.230 | 23.57 | 0.228 |
| 20 | 16QAM | 1 | 99 | 23.59 | 0.229 | 23.69 | 0.234 | 23.67 | 0.233 |
| 20 | 16QAM | 50 | 0 | 23.69 | 0.234 | 23.62 | 0.230 | 23.92 | 0.247 |
| 20 | 16QAM | 50 | 24 | 23.90 | 0.245 | 23.59 | 0.229 | 23.69 | 0.234 |
| 20 | 16QAM | 50 | 50 | 23.96 | 0.249 | 24.05 | 0.254 | 23.66 | 0.232 |
| 20 | 16QAM | 100 | 0 | 23.89 | 0.245 | 24.04 | 0.254 | 23.73 | 0.236 |
| 20 | 64QAM | 1 | 0 | 22.64 | 0.184 | 22.84 | 0.192 | 22.67 | 0.185 |
| 20 | 64QAM | 1 | 49 | 22.56 | 0.180 | 22.46 | 0.176 | 22.75 | 0.188 |
| 20 | 64QAM | 1 | 99 | 22.51 | 0.178 | 22.42 | 0.175 | 22.51 | 0.178 |
| 20 | 64QAM | 50 | 0 | 22.48 | 0.177 | 22.45 | 0.176 | 22.40 | 0.174 |
| 20 | 64QAM | 50 | 24 | 22.64 | 0.184 | 22.52 | 0.179 | 22.49 | 0.177 |
| 20 | 64QAM | 50 | 50 | 22.63 | 0.183 | 22.66 | 0.185 | 22.55 | 0.180 |
| 20 | 64QAM | 100 | 0 | 22.73 | 0.187 | 22.69 | 0.186 | 22.37 | 0.173 |



| 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 | 24.45 | 0.279 | 24.65 | 0.292 | 24.52 | 0.283 |
| 15 | QPSK | 1 | 37 | 24.63 | 0.290 | 24.69 | 0.294 | 24.52 | 0.283 |
| 15 | QPSK | 1 | 74 | 24.61 | 0.289 | 24.62 | 0.290 | 24.45 | 0.279 |
| 15 | QPSK | 36 | 0 | 23.79 | 0.239 | 23.64 | 0.231 | 23.84 | 0.242 |
| 15 | QPSK | 36 | 20 | 23.84 | 0.242 | 23.60 | 0.229 | 23.80 | 0.240 |
| 15 | QPSK | 36 | 39 | 23.87 | 0.244 | 23.59 | 0.229 | 23.83 | 0.242 |
| 15 | QPSK | 75 | 0 | 23.89 | 0.245 | 23.62 | 0.230 | 23.86 | 0.243 |
| 15 | 16QAM | 1 | 0 | 23.70 | 0.234 | 23.99 | 0.251 | 23.64 | 0.231 |
| 15 | 16QAM | 1 | 37 | 23.87 | 0.244 | 23.56 | 0.227 | 23.70 | 0.234 |
| 15 | 16QAM | 1 | 74 | 23.79 | 0.239 | 23.63 | 0.231 | 23.54 | 0.226 |
| 15 | 16QAM | 36 | 0 | 23.86 | 0.243 | 23.53 | 0.225 | 23.73 | 0.236 |
| 15 | 16QAM | 36 | 20 | 23.80 | 0.240 | 23.49 | 0.223 | 23.69 | 0.234 |
| 15 | 16QAM | 36 | 39 | 23.93 | 0.247 | 24.03 | 0.253 | 23.73 | 0.236 |
| 15 | 16QAM | 75 | 0 | 23.94 | 0.248 | 23.51 | 0.224 | 23.73 | 0.236 |
| 15 | 64QAM | 1 | 0 | 22.45 | 0.176 | 22.69 | 0.186 | 22.33 | 0.171 |
| 15 | 64QAM | 1 | 37 | 22.59 | 0.182 | 22.83 | 0.192 | 22.46 | 0.176 |
| 15 | 64QAM | 1 | 74 | 22.52 | 0.179 | 22.62 | 0.183 | 22.80 | 0.191 |
| 15 | 64QAM | 36 | 0 | 22.58 | 0.181 | 22.40 | 0.174 | 22.54 | 0.179 |
| 15 | 64QAM | 36 | 20 | 22.69 | 0.186 | 22.84 | 0.192 | 22.47 | 0.177 |
| 15 | 64QAM | 36 | 39 | 22.68 | 0.185 | 22.81 | 0.191 | 22.53 | 0.179 |
| 15 | 64QAM | 75 | 0 | 22.69 | 0.186 | 22.81 | 0.191 | 22.57 | 0.181 |



| 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 | 24.54 | 0.284 | 24.62 | 0.290 | 24.50 | 0.282 |
| 10 | QPSK | 1 | 25 | 24.59 | 0.288 | 24.49 | 0.281 | 24.45 | 0.279 |
| 10 | QPSK | 1 | 49 | 24.46 | 0.279 | 24.69 | 0.294 | 24.69 | 0.294 |
| 10 | QPSK | 25 | 0 | 23.84 | 0.242 | 23.72 | 0.236 | 23.68 | 0.233 |
| 10 | QPSK | 25 | 12 | 23.83 | 0.242 | 23.61 | 0.230 | 23.68 | 0.233 |
| 10 | QPSK | 25 | 25 | 23.92 | 0.247 | 23.56 | 0.227 | 23.72 | 0.236 |
| 10 | QPSK | 50 | 0 | 23.96 | 0.249 | 23.64 | 0.231 | 23.70 | 0.234 |
| 10 | 16QAM | 1 | 0 | 23.31 | 0.214 | 23.46 | 0.222 | 23.71 | 0.235 |
| 10 | 16QAM | 1 | 25 | 23.40 | 0.219 | 23.61 | 0.230 | 23.54 | 0.226 |
| 10 | 16QAM | 1 | 49 | 23.36 | 0.217 | 23.53 | 0.225 | 23.67 | 0.233 |
| 10 | 16QAM | 25 | 0 | 23.39 | 0.218 | 23.67 | 0.233 | 23.85 | 0.243 |
| 10 | 16QAM | 25 | 12 | 23.36 | 0.217 | 23.53 | 0.225 | 23.79 | 0.239 |
| 10 | 16QAM | 25 | 25 | 23.43 | 0.220 | 23.65 | 0.232 | 23.92 | 0.247 |
| 10 | 16QAM | 50 | 0 | 23.39 | 0.218 | 23.63 | 0.231 | 23.81 | 0.240 |
| 10 | 64QAM | 1 | 0 | 22.74 | 0.188 | 22.34 | 0.171 | 22.68 | 0.185 |
| 10 | 64QAM | 1 | 25 | 22.86 | 0.193 | 22.51 | 0.178 | 22.73 | 0.187 |
| 10 | 64QAM | 1 | 49 | 22.75 | 0.188 | 22.38 | 0.173 | 22.64 | 0.184 |
| 10 | 64QAM | 25 | 0 | 22.89 | 0.195 | 22.59 | 0.182 | 22.77 | 0.189 |
| 10 | 64QAM | 25 | 12 | 22.86 | 0.193 | 22.48 | 0.177 | 22.77 | 0.189 |
| 10 | 64QAM | 25 | 25 | 22.90 | 0.195 | 22.57 | 0.181 | 22.74 | 0.188 |
| 10 | 64QAM | 50 | 0 | 22.87 | 0.194 | 22.62 | 0.183 | 22.83 | 0.192 |



| 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 | 24.39 | 0.275 | 24.62 | 0.290 | 24.59 | 0.288 |
| 5 | QPSK | 1 | 12 | 24.54 | 0.284 | 24.49 | 0.281 | 24.62 | 0.290 |
| 5 | QPSK | 1 | 24 | 24.45 | 0.279 | 24.59 | 0.288 | 24.32 | 0.270 |
| 5 | QPSK | 12 | 0 | 23.77 | 0.238 | 23.81 | 0.240 | 23.90 | 0.245 |
| 5 | QPSK | 12 | 7 | 23.90 | 0.245 | 23.66 | 0.232 | 23.96 | 0.249 |
| 5 | QPSK | 12 | 13 | 23.90 | 0.245 | 23.88 | 0.244 | 24.02 | 0.252 |
| 5 | QPSK | 25 | 0 | 23.91 | 0.246 | 23.89 | 0.245 | 24.04 | 0.254 |
| 5 | 16QAM | 1 | 0 | 23.74 | 0.237 | 23.90 | 0.245 | 23.59 | 0.229 |
| 5 | 16QAM | 1 | 12 | 23.91 | 0.246 | 24.07 | 0.255 | 23.75 | 0.237 |
| 5 | 16QAM | 1 | 24 | 23.77 | 0.238 | 23.88 | 0.244 | 23.60 | 0.229 |
| 5 | 16QAM | 12 | 0 | 23.54 | 0.226 | 23.54 | 0.226 | 23.72 | 0.236 |
| 5 | 16QAM | 12 | 7 | 23.49 | 0.223 | 23.64 | 0.231 | 23.83 | 0.242 |
| 5 | 16QAM | 12 | 13 | 23.62 | 0.230 | 23.54 | 0.226 | 23.76 | 0.238 |
| 5 | 16QAM | 25 | 0 | 23.60 | 0.229 | 23.20 | 0.209 | 23.30 | 0.214 |
| 5 | 64QAM | 1 | 0 | 22.61 | 0.182 | 22.66 | 0.185 | 22.41 | 0.174 |
| 5 | 64QAM | 1 | 12 | 22.82 | 0.191 | 22.79 | 0.190 | 22.50 | 0.178 |
| 5 | 64QAM | 1 | 24 | 22.67 | 0.185 | 22.72 | 0.187 | 22.36 | 0.172 |
| 5 | 64QAM | 12 | 0 | 22.85 | 0.193 | 22.32 | 0.171 | 22.44 | 0.175 |
| 5 | 64QAM | 12 | 7 | 22.53 | 0.179 | 22.60 | 0.182 | 22.82 | 0.191 |
| 5 | 64QAM | 12 | 13 | 22.52 | 0.179 | 22.39 | 0.173 | 22.70 | 0.186 |
| 5 | 64QAM | 25 | 0 | 22.52 | 0.179 | 22.45 | 0.176 | 22.79 | 0.190 |



| 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 | / | / | 23.93 | 0.247 | / | / |
| 10 | QPSK | 1 | 25 | / | / | 23.85 | 0.243 | / | / |
| 10 | QPSK | 1 | 49 | / | / | 23.90 | 0.245 | / | / |
| 10 | QPSK | 25 | 0 | / | / | 23.02 | 0.200 | / | / |
| 10 | QPSK | 25 | 12 | / | / | 22.83 | 0.192 | / | / |
| 10 | QPSK | 25 | 25 | / | / | 22.77 | 0.189 | / | / |
| 10 | QPSK | 50 | 0 | / | / | 22.80 | 0.191 | / | / |
| 10 | 16QAM | 1 | 0 | / | / | 22.92 | 0.196 | / | / |
| 10 | 16QAM | 1 | 25 | / | / | 22.84 | 0.192 | / | / |
| 10 | 16QAM | 1 | 49 | / | / | 23.14 | 0.206 | / | / |
| 10 | 16QAM | 25 | 0 | / | / | 22.95 | 0.197 | / | / |
| 10 | 16QAM | 25 | 12 | / | / | 22.90 | 0.195 | / | / |
| 10 | 16QAM | 25 | 25 | / | / | 23.03 | 0.201 | / | / |
| 10 | 16QAM | 50 | 0 | / | / | 22.80 | 0.191 | / | / |
| 10 | 64QAM | 1 | 0 | / | / | 23.10 | 0.204 | / | / |
| 10 | 64QAM | 1 | 25 | / | / | 22.92 | 0.196 | / | / |
| 10 | 64QAM | 1 | 49 | / | / | 22.89 | 0.195 | / | / |
| 10 | 64QAM | 25 | 0 | / | / | 22.82 | 0.191 | / | / |
| 10 | 64QAM | 25 | 12 | / | / | 22.75 | 0.188 | / | / |
| 10 | 64QAM | 25 | 25 | / | / | 22.81 | 0.191 | / | / |
| 10 | 64QAM | 50 | 0 | / | / | 22.88 | 0.194 | / | / |



| 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 | 23.82 | 0.241 | 23.85 | 0.243 | 23.83 | 0.242 |
| 5 | QPSK | 1 | 12 | 23.82 | 0.241 | 23.84 | 0.242 | 23.80 | 0.240 |
| 5 | QPSK | 1 | 24 | 23.81 | 0.240 | 23.79 | 0.239 | 23.72 | 0.236 |
| 5 | QPSK | 12 | 0 | 22.73 | 0.187 | 22.81 | 0.191 | 22.90 | 0.195 |
| 5 | QPSK | 12 | 7 | 22.80 | 0.191 | 22.79 | 0.190 | 22.88 | 0.194 |
| 5 | QPSK | 12 | 13 | 22.72 | 0.187 | 22.88 | 0.194 | 22.86 | 0.193 |
| 5 | QPSK | 25 | 0 | 22.79 | 0.190 | 22.76 | 0.189 | 22.86 | 0.193 |
| 5 | 16QAM | 1 | 0 | 22.44 | 0.175 | 22.80 | 0.191 | 22.59 | 0.182 |
| 5 | 16QAM | 1 | 12 | 22.50 | 0.178 | 22.65 | 0.184 | 22.53 | 0.179 |
| 5 | 16QAM | 1 | 24 | 22.60 | 0.182 | 22.42 | 0.175 | 22.43 | 0.175 |
| 5 | 16QAM | 12 | 0 | 23.03 | 0.201 | 23.00 | 0.200 | 22.93 | 0.196 |
| 5 | 16QAM | 12 | 7 | 23.04 | 0.201 | 22.93 | 0.196 | 23.05 | 0.202 |
| 5 | 16QAM | 12 | 13 | 23.01 | 0.200 | 23.00 | 0.200 | 23.04 | 0.201 |
| 5 | 16QAM | 25 | 0 | 22.80 | 0.191 | 22.84 | 0.192 | 22.86 | 0.193 |
| 5 | 64QAM | 1 | 0 | 23.06 | 0.202 | 23.04 | 0.201 | 22.96 | 0.198 |
| 5 | 64QAM | 1 | 12 | 23.02 | 0.200 | 22.92 | 0.196 | 23.05 | 0.202 |
| 5 | 64QAM | 1 | 24 | 23.03 | 0.201 | 23.02 | 0.200 | 23.02 | 0.200 |
| 5 | 64QAM | 12 | 0 | 22.85 | 0.193 | 22.91 | 0.195 | 22.98 | 0.199 |
| 5 | 64QAM | 12 | 7 | 23.02 | 0.200 | 22.81 | 0.191 | 22.91 | 0.195 |
| 5 | 64QAM | 12 | 13 | 22.81 | 0.191 | 22.92 | 0.196 | 22.82 | 0.191 |
| 5 | 64QAM | 25 | 0 | 22.72 | 0.187 | 22.83 | 0.192 | 22.83 | 0.192 |



| 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 | / | / | 23.90 | 0.245 | / | / |
| 10 | QPSK | 1 | 25 | / | / | 23.73 | 0.236 | / | / |
| 10 | QPSK | 1 | 49 | / | / | 23.71 | 0.235 | / | / |
| 10 | QPSK | 25 | 0 | / | / | 23.09 | 0.204 | / | / |
| 10 | QPSK | 25 | 12 | / | / | 22.90 | 0.195 | / | / |
| 10 | QPSK | 25 | 25 | / | / | 23.07 | 0.203 | / | / |
| 10 | QPSK | 50 | 0 | / | / | 23.04 | 0.201 | / | / |
| 10 | 16QAM | 1 | 0 | / | / | 22.71 | 0.187 | / | / |
| 10 | 16QAM | 1 | 25 | / | / | 22.86 | 0.193 | / | / |
| 10 | 16QAM | 1 | 49 | / | / | 23.05 | 0.202 | / | / |
| 10 | 16QAM | 25 | 0 | / | / | 22.91 | 0.195 | / | / |
| 10 | 16QAM | 25 | 12 | / | / | 22.97 | 0.198 | / | / |
| 10 | 16QAM | 25 | 25 | / | / | 22.99 | 0.199 | / | / |
| 10 | 16QAM | 50 | 0 | / | / | 22.96 | 0.198 | / | / |
| 10 | 64QAM | 1 | 0 | / | / | 22.85 | 0.193 | / | / |
| 10 | 64QAM | 1 | 25 | / | / | 23.23 | 0.210 | / | / |
| 10 | 64QAM | 1 | 49 | / | / | 22.87 | 0.194 | / | / |
| 10 | 64QAM | 25 | 0 | / | / | 22.64 | 0.184 | / | / |
| 10 | 64QAM | 25 | 12 | / | / | 22.78 | 0.190 | / | / |
| 10 | 64QAM | 25 | 25 | / | / | 22.77 | 0.189 | / | / |
| 10 | 64QAM | 50 | 0 | / | / | 22.65 | 0.184 | / | / |



| 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 | 23.49 | 0.223 | 23.82 | 0.241 | 23.60 | 0.229 |
| 5 | QPSK | 1 | 12 | 23.65 | 0.232 | 23.81 | 0.240 | 23.65 | 0.232 |
| 5 | QPSK | 1 | 24 | 23.61 | 0.230 | 23.80 | 0.240 | 23.66 | 0.232 |
| 5 | QPSK | 12 | 0 | 22.93 | 0.196 | 23.00 | 0.200 | 22.99 | 0.199 |
| 5 | QPSK | 12 | 7 | 23.04 | 0.201 | 23.06 | 0.202 | 23.03 | 0.201 |
| 5 | QPSK | 12 | 13 | 22.99 | 0.199 | 23.02 | 0.200 | 22.99 | 0.199 |
| 5 | QPSK | 25 | 0 | 23.16 | 0.207 | 23.28 | 0.213 | 23.24 | 0.211 |
| 5 | 16QAM | 1 | 0 | 23.17 | 0.207 | 23.19 | 0.208 | 23.21 | 0.209 |
| 5 | 16QAM | 1 | 12 | 23.34 | 0.216 | 23.29 | 0.213 | 23.30 | 0.214 |
| 5 | 16QAM | 1 | 24 | 23.30 | 0.214 | 23.28 | 0.213 | 23.24 | 0.211 |
| 5 | 16QAM | 12 | 0 | 23.04 | 0.201 | 23.01 | 0.200 | 23.04 | 0.201 |
| 5 | 16QAM | 12 | 7 | 23.18 | 0.208 | 23.23 | 0.210 | 23.07 | 0.203 |
| 5 | 16QAM | 12 | 13 | 23.13 | 0.206 | 23.10 | 0.204 | 23.15 | 0.207 |
| 5 | 16QAM | 25 | 0 | 23.14 | 0.206 | 23.10 | 0.204 | 23.12 | 0.205 |
| 5 | 64QAM | 1 | 0 | 22.92 | 0.196 | 22.93 | 0.196 | 22.98 | 0.199 |
| 5 | 64QAM | 1 | 12 | 23.37 | 0.217 | 23.07 | 0.203 | 23.00 | 0.200 |
| 5 | 64QAM | 1 | 24 | 23.35 | 0.216 | 23.04 | 0.201 | 23.09 | 0.204 |
| 5 | 64QAM | 12 | 0 | 22.89 | 0.195 | 22.91 | 0.195 | 22.86 | 0.193 |
| 5 | 64QAM | 12 | 7 | 22.99 | 0.199 | 22.87 | 0.194 | 22.93 | 0.196 |
| 5 | 64QAM | 12 | 13 | 22.86 | 0.193 | 22.96 | 0.198 | 23.01 | 0.200 |
| 5 | 64QAM | 25 | 0 | 23.01 | 0.200 | 22.97 | 0.198 | 22.94 | 0.197 |



| 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 | | | | 40090 | | 40640 | | 41190 | |
| Frequency (MHz) | | | | 2540 | | 2595 | | 2650 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 24.12 | 0.258 | 24.24 | 0.265 | 24.18 | 0.262 |
| 20 | QPSK | 1 | 49 | 24.08 | 0.256 | 24.17 | 0.261 | 24.18 | 0.262 |
| 20 | QPSK | 1 | 99 | 24.02 | 0.252 | 24.13 | 0.259 | 23.98 | 0.250 |
| 20 | QPSK | 50 | 0 | 23.08 | 0.203 | 23.34 | 0.216 | 23.27 | 0.212 |
| 20 | QPSK | 50 | 24 | 23.08 | 0.203 | 23.11 | 0.205 | 23.08 | 0.203 |
| 20 | QPSK | 50 | 50 | 23.11 | 0.205 | 23.12 | 0.205 | 23.18 | 0.208 |
| 20 | QPSK | 100 | 0 | 23.08 | 0.203 | 23.18 | 0.208 | 23.08 | 0.203 |
| 20 | 16QAM | 1 | 0 | 23.12 | 0.205 | 23.11 | 0.205 | 23.08 | 0.203 |
| 20 | 16QAM | 1 | 49 | 23.11 | 0.205 | 23.11 | 0.205 | 23.08 | 0.203 |
| 20 | 16QAM | 1 | 99 | 23.18 | 0.208 | 23.18 | 0.208 | 23.18 | 0.208 |
| 20 | 16QAM | 50 | 0 | 23.09 | 0.204 | 23.11 | 0.205 | 23.08 | 0.203 |
| 20 | 16QAM | 50 | 24 | 23.07 | 0.203 | 23.08 | 0.203 | 23.08 | 0.203 |
| 20 | 16QAM | 50 | 50 | 23.13 | 0.206 | 23.54 | 0.226 | 23.18 | 0.208 |
| 20 | 16QAM | 100 | 0 | 23.07 | 0.203 | 23.53 | 0.225 | 23.11 | 0.205 |
| 20 | 64QAM | 1 | 0 | 23.22 | 0.210 | 23.33 | 0.215 | 23.12 | 0.205 |
| 20 | 64QAM | 1 | 49 | 23.15 | 0.207 | 23.15 | 0.207 | 23.12 | 0.205 |
| 20 | 64QAM | 1 | 99 | 23.25 | 0.211 | 23.11 | 0.205 | 23.08 | 0.203 |
| 20 | 64QAM | 50 | 0 | 23.21 | 0.209 | 23.14 | 0.206 | 23.18 | 0.208 |
| 20 | 64QAM | 50 | 24 | 23.06 | 0.202 | 23.21 | 0.209 | 23.11 | 0.205 |
| 20 | 64QAM | 50 | 50 | 23.16 | 0.207 | 23.35 | 0.216 | 23.17 | 0.207 |
| 20 | 64QAM | 100 | 0 | 23.14 | 0.206 | 23.38 | 0.218 | 23.18 | 0.208 |



| 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 | | | | 40065 | | 40640 | | 41215 | |
| Frequency (MHz) | | | | 2537.5 | | 2595 | | 2652.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 23.78 | 0.239 | 24.14 | 0.259 | 24.00 | 0.251 |
| 15 | QPSK | 1 | 37 | 23.77 | 0.238 | 24.18 | 0.262 | 24.11 | 0.258 |
| 15 | QPSK | 1 | 74 | 23.77 | 0.238 | 24.11 | 0.258 | 23.91 | 0.246 |
| 15 | QPSK | 36 | 0 | 23.16 | 0.207 | 23.13 | 0.206 | 23.94 | 0.248 |
| 15 | QPSK | 36 | 20 | 23.21 | 0.209 | 23.09 | 0.204 | 24.01 | 0.252 |
| 15 | QPSK | 36 | 39 | 23.37 | 0.217 | 23.08 | 0.203 | 23.96 | 0.249 |
| 15 | QPSK | 75 | 0 | 23.15 | 0.207 | 23.11 | 0.205 | 23.93 | 0.247 |
| 15 | 16QAM | 1 | 0 | 23.09 | 0.204 | 23.48 | 0.223 | 23.15 | 0.207 |
| 15 | 16QAM | 1 | 37 | 23.30 | 0.214 | 23.05 | 0.202 | 23.24 | 0.211 |
| 15 | 16QAM | 1 | 74 | 23.26 | 0.212 | 22.62 | 0.183 | 23.17 | 0.207 |
| 15 | 16QAM | 36 | 0 | 23.13 | 0.206 | 23.02 | 0.200 | 23.62 | 0.230 |
| 15 | 16QAM | 36 | 20 | 23.18 | 0.208 | 22.98 | 0.199 | 23.64 | 0.231 |
| 15 | 16QAM | 36 | 39 | 23.25 | 0.211 | 23.52 | 0.225 | 23.40 | 0.219 |
| 15 | 16QAM | 75 | 0 | 23.16 | 0.207 | 23.00 | 0.200 | 23.00 | 0.200 |
| 15 | 64QAM | 1 | 0 | 23.46 | 0.222 | 23.38 | 0.218 | 23.74 | 0.237 |
| 15 | 64QAM | 1 | 37 | 23.74 | 0.237 | 23.52 | 0.225 | 22.86 | 0.193 |
| 15 | 64QAM | 1 | 74 | 23.71 | 0.235 | 23.31 | 0.214 | 22.59 | 0.182 |
| 15 | 64QAM | 36 | 0 | 23.15 | 0.207 | 23.09 | 0.204 | 23.23 | 0.210 |
| 15 | 64QAM | 36 | 20 | 23.30 | 0.214 | 23.53 | 0.225 | 23.12 | 0.205 |
| 15 | 64QAM | 36 | 39 | 23.25 | 0.211 | 23.50 | 0.224 | 23.04 | 0.201 |
| 15 | 64QAM | 75 | 0 | 23.23 | 0.210 | 23.50 | 0.224 | 23.12 | 0.205 |



| 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 | | | | 40090 | | 40640 | | 41190 | |
| Frequency (MHz) | | | | 2540 | | 2595 | | 2650 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 23.82 | 0.241 | 24.11 | 0.258 | 23.98 | 0.250 |
| 10 | QPSK | 1 | 25 | 24.02 | 0.252 | 23.98 | 0.250 | 23.93 | 0.247 |
| 10 | QPSK | 1 | 49 | 23.79 | 0.239 | 24.18 | 0.262 | 23.94 | 0.248 |
| 10 | QPSK | 25 | 0 | 23.12 | 0.205 | 23.43 | 0.220 | 23.40 | 0.219 |
| 10 | QPSK | 25 | 12 | 23.20 | 0.209 | 23.32 | 0.215 | 23.40 | 0.219 |
| 10 | QPSK | 25 | 25 | 23.24 | 0.211 | 23.27 | 0.212 | 23.76 | 0.238 |
| 10 | QPSK | 50 | 0 | 23.29 | 0.213 | 23.35 | 0.216 | 23.00 | 0.200 |
| 10 | 16QAM | 1 | 0 | 23.15 | 0.207 | 23.17 | 0.207 | 23.20 | 0.209 |
| 10 | 16QAM | 1 | 25 | 23.33 | 0.215 | 23.32 | 0.215 | 23.24 | 0.211 |
| 10 | 16QAM | 1 | 49 | 23.19 | 0.208 | 23.24 | 0.211 | 23.39 | 0.218 |
| 10 | 16QAM | 25 | 0 | 23.19 | 0.208 | 23.38 | 0.218 | 23.05 | 0.202 |
| 10 | 16QAM | 25 | 12 | 23.32 | 0.215 | 23.24 | 0.211 | 22.81 | 0.191 |
| 10 | 16QAM | 25 | 25 | 23.29 | 0.213 | 23.36 | 0.217 | 23.32 | 0.215 |
| 10 | 16QAM | 50 | 0 | 23.27 | 0.212 | 23.34 | 0.216 | 23.08 | 0.203 |
| 10 | 64QAM | 1 | 0 | 23.09 | 0.204 | 23.05 | 0.202 | 23.45 | 0.221 |
| 10 | 64QAM | 1 | 25 | 23.12 | 0.205 | 23.22 | 0.210 | 23.40 | 0.219 |
| 10 | 64QAM | 1 | 49 | 23.10 | 0.204 | 23.09 | 0.204 | 23.21 | 0.209 |
| 10 | 64QAM | 25 | 0 | 23.17 | 0.207 | 23.30 | 0.214 | 23.37 | 0.217 |
| 10 | 64QAM | 25 | 12 | 23.20 | 0.209 | 23.19 | 0.208 | 23.12 | 0.205 |
| 10 | 64QAM | 25 | 25 | 23.29 | 0.213 | 23.28 | 0.213 | 23.35 | 0.216 |
| 10 | 64QAM | 50 | 0 | 23.25 | 0.211 | 23.33 | 0.215 | 23.41 | 0.219 |



| 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 | | | | 40065 | | 40640 | | 41215 | |
| Frequency (MHz) | | | | 2537.5 | | 2595 | | 2652.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 23.79 | 0.239 | 24.11 | 0.258 | 23.89 | 0.245 |
| 5 | QPSK | 1 | 12 | 23.78 | 0.239 | 23.98 | 0.250 | 23.93 | 0.247 |
| 5 | QPSK | 1 | 24 | 23.91 | 0.246 | 24.08 | 0.256 | 23.94 | 0.248 |
| 5 | QPSK | 12 | 0 | 23.14 | 0.206 | 23.52 | 0.225 | 23.12 | 0.205 |
| 5 | QPSK | 12 | 7 | 23.22 | 0.210 | 23.37 | 0.217 | 23.34 | 0.216 |
| 5 | QPSK | 12 | 13 | 23.16 | 0.207 | 23.59 | 0.229 | 23.40 | 0.219 |
| 5 | QPSK | 25 | 0 | 23.19 | 0.208 | 23.60 | 0.229 | 23.33 | 0.215 |
| 5 | 16QAM | 1 | 0 | 23.63 | 0.231 | 23.61 | 0.230 | 23.24 | 0.211 |
| 5 | 16QAM | 1 | 12 | 23.24 | 0.211 | 23.78 | 0.239 | 23.14 | 0.206 |
| 5 | 16QAM | 1 | 24 | 23.10 | 0.204 | 23.59 | 0.229 | 23.40 | 0.219 |
| 5 | 16QAM | 12 | 0 | 23.08 | 0.203 | 23.25 | 0.211 | 23.20 | 0.209 |
| 5 | 16QAM | 12 | 7 | 23.20 | 0.209 | 23.35 | 0.216 | 23.33 | 0.215 |
| 5 | 16QAM | 12 | 13 | 23.26 | 0.212 | 23.25 | 0.211 | 23.12 | 0.205 |
| 5 | 16QAM | 25 | 0 | 23.18 | 0.208 | 23.33 | 0.215 | 23.10 | 0.204 |
| 5 | 64QAM | 1 | 0 | 23.45 | 0.221 | 23.57 | 0.228 | 23.15 | 0.207 |
| 5 | 64QAM | 1 | 12 | 23.65 | 0.232 | 23.70 | 0.234 | 23.11 | 0.205 |
| 5 | 64QAM | 1 | 24 | 23.50 | 0.224 | 23.63 | 0.231 | 23.44 | 0.221 |
| 5 | 64QAM | 12 | 0 | 23.45 | 0.221 | 23.23 | 0.210 | 23.31 | 0.214 |
| 5 | 64QAM | 12 | 7 | 23.46 | 0.222 | 23.31 | 0.214 | 23.39 | 0.218 |
| 5 | 64QAM | 12 | 13 | 23.44 | 0.221 | 23.10 | 0.204 | 23.30 | 0.214 |
| 5 | 64QAM | 25 | 0 | 23.18 | 0.208 | 23.16 | 0.207 | 23.12 | 0.205 |



| 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 | 24.11 | 0.258 | 24.17 | 0.261 | 24.15 | 0.260 |
| 20 | QPSK | 1 | 49 | 23.96 | 0.249 | 23.95 | 0.248 | 23.91 | 0.246 |
| 20 | QPSK | 1 | 99 | 23.89 | 0.245 | 23.88 | 0.244 | 23.91 | 0.246 |
| 20 | QPSK | 50 | 0 | 23.34 | 0.216 | 23.41 | 0.219 | 23.37 | 0.217 |
| 20 | QPSK | 50 | 24 | 23.15 | 0.207 | 23.17 | 0.207 | 23.30 | 0.214 |
| 20 | QPSK | 50 | 50 | 23.19 | 0.208 | 23.27 | 0.212 | 23.15 | 0.207 |
| 20 | QPSK | 100 | 0 | 23.17 | 0.207 | 23.17 | 0.207 | 23.09 | 0.204 |
| 20 | 16QAM | 1 | 0 | 23.22 | 0.210 | 22.98 | 0.199 | 23.26 | 0.212 |
| 20 | 16QAM | 1 | 49 | 23.27 | 0.212 | 23.01 | 0.200 | 23.07 | 0.203 |
| 20 | 16QAM | 1 | 99 | 23.27 | 0.212 | 23.45 | 0.221 | 23.24 | 0.211 |
| 20 | 16QAM | 50 | 0 | 23.39 | 0.218 | 23.36 | 0.217 | 23.33 | 0.215 |
| 20 | 16QAM | 50 | 24 | 23.28 | 0.213 | 23.28 | 0.213 | 23.29 | 0.213 |
| 20 | 16QAM | 50 | 50 | 23.25 | 0.211 | 23.17 | 0.207 | 23.13 | 0.206 |
| 20 | 16QAM | 100 | 0 | 23.21 | 0.209 | 23.24 | 0.211 | 23.30 | 0.214 |
| 20 | 64QAM | 1 | 0 | 23.37 | 0.217 | 23.14 | 0.206 | 23.47 | 0.222 |
| 20 | 64QAM | 1 | 49 | 23.14 | 0.206 | 23.47 | 0.222 | 23.46 | 0.222 |
| 20 | 64QAM | 1 | 99 | 23.37 | 0.217 | 23.49 | 0.223 | 23.57 | 0.228 |
| 20 | 64QAM | 50 | 0 | 23.33 | 0.215 | 23.23 | 0.210 | 23.36 | 0.217 |
| 20 | 64QAM | 50 | 24 | 23.27 | 0.212 | 23.21 | 0.209 | 23.33 | 0.215 |
| 20 | 64QAM | 50 | 50 | 23.29 | 0.213 | 23.17 | 0.207 | 23.23 | 0.210 |
| 20 | 64QAM | 100 | 0 | 23.28 | 0.213 | 23.28 | 0.213 | 23.26 | 0.212 |



| 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 | 23.97 | 0.249 | 24.01 | 0.252 | 23.99 | 0.251 |
| 15 | QPSK | 1 | 37 | 24.11 | 0.258 | 23.97 | 0.249 | 23.95 | 0.248 |
| 15 | QPSK | 1 | 74 | 23.95 | 0.248 | 23.91 | 0.246 | 23.89 | 0.245 |
| 15 | QPSK | 36 | 0 | 23.16 | 0.207 | 23.13 | 0.206 | 23.17 | 0.207 |
| 15 | QPSK | 36 | 20 | 23.16 | 0.207 | 23.08 | 0.203 | 23.18 | 0.208 |
| 15 | QPSK | 36 | 39 | 23.02 | 0.200 | 23.07 | 0.203 | 23.04 | 0.201 |
| 15 | QPSK | 75 | 0 | 23.11 | 0.205 | 23.15 | 0.207 | 23.08 | 0.203 |
| 15 | 16QAM | 1 | 0 | 23.10 | 0.204 | 22.97 | 0.198 | 23.27 | 0.212 |
| 15 | 16QAM | 1 | 37 | 22.97 | 0.198 | 23.27 | 0.212 | 23.20 | 0.209 |
| 15 | 16QAM | 1 | 74 | 23.07 | 0.203 | 22.97 | 0.198 | 22.97 | 0.198 |
| 15 | 16QAM | 36 | 0 | 23.28 | 0.213 | 23.28 | 0.213 | 23.19 | 0.208 |
| 15 | 16QAM | 36 | 20 | 23.31 | 0.214 | 23.30 | 0.214 | 23.36 | 0.217 |
| 15 | 16QAM | 36 | 39 | 23.23 | 0.210 | 23.38 | 0.218 | 23.32 | 0.215 |
| 15 | 16QAM | 75 | 0 | 23.33 | 0.215 | 23.31 | 0.214 | 23.27 | 0.212 |
| 15 | 64QAM | 1 | 0 | 23.47 | 0.222 | 23.37 | 0.217 | 23.47 | 0.222 |
| 15 | 64QAM | 1 | 37 | 23.49 | 0.223 | 23.27 | 0.212 | 23.37 | 0.217 |
| 15 | 64QAM | 1 | 74 | 23.14 | 0.206 | 23.40 | 0.219 | 23.47 | 0.222 |
| 15 | 64QAM | 36 | 0 | 23.26 | 0.212 | 23.25 | 0.211 | 23.38 | 0.218 |
| 15 | 64QAM | 36 | 20 | 23.36 | 0.217 | 23.32 | 0.215 | 23.33 | 0.215 |
| 15 | 64QAM | 36 | 39 | 23.25 | 0.211 | 23.19 | 0.208 | 23.23 | 0.210 |
| 15 | 64QAM | 75 | 0 | 23.27 | 0.212 | 23.29 | 0.213 | 23.26 | 0.212 |



| 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 | 23.95 | 0.248 | 23.95 | 0.248 | 23.96 | 0.249 |
| 10 | QPSK | 1 | 25 | 23.85 | 0.243 | 23.83 | 0.242 | 23.91 | 0.246 |
| 10 | QPSK | 1 | 49 | 23.99 | 0.251 | 23.87 | 0.244 | 23.77 | 0.238 |
| 10 | QPSK | 25 | 0 | 23.42 | 0.220 | 23.35 | 0.216 | 23.42 | 0.220 |
| 10 | QPSK | 25 | 12 | 23.39 | 0.218 | 23.58 | 0.228 | 23.36 | 0.217 |
| 10 | QPSK | 25 | 25 | 23.40 | 0.219 | 23.36 | 0.217 | 23.28 | 0.213 |
| 10 | QPSK | 50 | 0 | 23.48 | 0.223 | 23.33 | 0.215 | 23.52 | 0.225 |
| 10 | 16QAM | 1 | 0 | 23.40 | 0.219 | 23.40 | 0.219 | 23.60 | 0.229 |
| 10 | 16QAM | 1 | 25 | 23.40 | 0.219 | 23.49 | 0.223 | 23.61 | 0.230 |
| 10 | 16QAM | 1 | 49 | 23.23 | 0.210 | 23.43 | 0.220 | 23.31 | 0.214 |
| 10 | 16QAM | 25 | 0 | 23.24 | 0.211 | 23.41 | 0.219 | 23.29 | 0.213 |
| 10 | 16QAM | 25 | 12 | 23.23 | 0.210 | 23.43 | 0.220 | 23.34 | 0.216 |
| 10 | 16QAM | 25 | 25 | 23.14 | 0.206 | 23.19 | 0.208 | 23.19 | 0.208 |
| 10 | 16QAM | 50 | 0 | 23.30 | 0.214 | 23.34 | 0.216 | 23.35 | 0.216 |
| 10 | 64QAM | 1 | 0 | 23.30 | 0.214 | 23.30 | 0.214 | 22.97 | 0.198 |
| 10 | 64QAM | 1 | 25 | 22.97 | 0.198 | 23.10 | 0.204 | 23.00 | 0.200 |
| 10 | 64QAM | 1 | 49 | 22.97 | 0.198 | 22.97 | 0.198 | 22.97 | 0.198 |
| 10 | 64QAM | 25 | 0 | 23.30 | 0.214 | 23.28 | 0.213 | 23.30 | 0.214 |
| 10 | 64QAM | 25 | 12 | 23.29 | 0.213 | 23.33 | 0.215 | 23.37 | 0.217 |
| 10 | 64QAM | 25 | 25 | 23.29 | 0.213 | 23.22 | 0.210 | 23.24 | 0.211 |
| 10 | 64QAM | 50 | 0 | 23.19 | 0.208 | 23.29 | 0.213 | 23.30 | 0.214 |



| 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 | 23.84 | 0.242 | 23.87 | 0.244 | 23.92 | 0.247 |
| 5 | QPSK | 1 | 12 | 23.87 | 0.244 | 23.87 | 0.244 | 23.86 | 0.243 |
| 5 | QPSK | 1 | 24 | 23.95 | 0.248 | 23.85 | 0.243 | 23.91 | 0.246 |
| 5 | QPSK | 12 | 0 | 23.11 | 0.205 | 23.13 | 0.206 | 23.09 | 0.204 |
| 5 | QPSK | 12 | 7 | 23.13 | 0.206 | 23.21 | 0.209 | 23.14 | 0.206 |
| 5 | QPSK | 12 | 13 | 23.04 | 0.201 | 23.10 | 0.204 | 23.11 | 0.205 |
| 5 | QPSK | 25 | 0 | 23.14 | 0.206 | 23.15 | 0.207 | 23.14 | 0.206 |
| 5 | 16QAM | 1 | 0 | 23.63 | 0.231 | 23.32 | 0.215 | 23.33 | 0.215 |
| 5 | 16QAM | 1 | 12 | 23.26 | 0.212 | 23.55 | 0.226 | 23.50 | 0.224 |
| 5 | 16QAM | 1 | 24 | 23.38 | 0.218 | 23.27 | 0.212 | 23.62 | 0.230 |
| 5 | 16QAM | 12 | 0 | 23.27 | 0.212 | 23.38 | 0.218 | 23.34 | 0.216 |
| 5 | 16QAM | 12 | 7 | 23.44 | 0.221 | 23.36 | 0.217 | 23.48 | 0.223 |
| 5 | 16QAM | 12 | 13 | 23.35 | 0.216 | 23.29 | 0.213 | 23.36 | 0.217 |
| 5 | 16QAM | 25 | 0 | 23.36 | 0.217 | 23.38 | 0.218 | 23.30 | 0.214 |
| 5 | 64QAM | 1 | 0 | 22.97 | 0.198 | 23.37 | 0.217 | 23.17 | 0.207 |
| 5 | 64QAM | 1 | 12 | 23.27 | 0.212 | 23.27 | 0.212 | 23.27 | 0.212 |
| 5 | 64QAM | 1 | 24 | 23.10 | 0.204 | 23.14 | 0.206 | 23.10 | 0.204 |
| 5 | 64QAM | 12 | 0 | 23.34 | 0.216 | 23.09 | 0.204 | 23.30 | 0.214 |
| 5 | 64QAM | 12 | 7 | 23.42 | 0.220 | 23.01 | 0.200 | 23.32 | 0.215 |
| 5 | 64QAM | 12 | 13 | 23.25 | 0.211 | 23.37 | 0.217 | 23.32 | 0.215 |
| 5 | 64QAM | 25 | 0 | 23.32 | 0.215 | 23.40 | 0.219 | 23.27 | 0.212 |



| 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 | 23.91 | 0.246 | 23.82 | 0.241 | 23.81 | 0.240 |
| 3 | QPSK | 1 | 8 | 23.78 | 0.239 | 23.79 | 0.239 | 23.87 | 0.244 |
| 3 | QPSK | 1 | 14 | 23.69 | 0.234 | 23.50 | 0.224 | 23.80 | 0.240 |
| 3 | QPSK | 8 | 0 | 23.37 | 0.217 | 23.34 | 0.216 | 23.38 | 0.218 |
| 3 | QPSK | 8 | 4 | 23.37 | 0.217 | 23.29 | 0.213 | 23.39 | 0.218 |
| 3 | QPSK | 8 | 7 | 23.23 | 0.210 | 23.28 | 0.213 | 23.25 | 0.211 |
| 3 | QPSK | 15 | 0 | 23.32 | 0.215 | 23.36 | 0.217 | 23.29 | 0.213 |
| 3 | 16QAM | 1 | 0 | 23.01 | 0.200 | 23.42 | 0.220 | 23.18 | 0.208 |
| 3 | 16QAM | 1 | 8 | 23.34 | 0.216 | 23.28 | 0.213 | 23.27 | 0.212 |
| 3 | 16QAM | 1 | 14 | 23.38 | 0.218 | 23.27 | 0.212 | 22.97 | 0.198 |
| 3 | 16QAM | 8 | 0 | 23.19 | 0.208 | 23.19 | 0.208 | 23.10 | 0.204 |
| 3 | 16QAM | 8 | 4 | 23.22 | 0.210 | 23.21 | 0.209 | 23.27 | 0.212 |
| 3 | 16QAM | 8 | 7 | 23.14 | 0.206 | 23.29 | 0.213 | 23.23 | 0.210 |
| 3 | 16QAM | 15 | 0 | 23.24 | 0.211 | 23.22 | 0.210 | 23.18 | 0.208 |
| 3 | 64QAM | 1 | 0 | 23.38 | 0.218 | 23.28 | 0.213 | 23.38 | 0.218 |
| 3 | 64QAM | 1 | 8 | 23.40 | 0.219 | 23.18 | 0.208 | 23.28 | 0.213 |
| 3 | 64QAM | 1 | 14 | 23.05 | 0.202 | 23.31 | 0.214 | 23.38 | 0.218 |
| 3 | 64QAM | 8 | 0 | 23.17 | 0.207 | 23.16 | 0.207 | 23.29 | 0.213 |
| 3 | 64QAM | 8 | 4 | 23.27 | 0.212 | 23.23 | 0.210 | 23.24 | 0.211 |
| 3 | 64QAM | 8 | 7 | 23.16 | 0.207 | 23.10 | 0.204 | 23.14 | 0.206 |
| 3 | 64QAM | 15 | 0 | 23.18 | 0.208 | 23.20 | 0.209 | 23.17 | 0.207 |



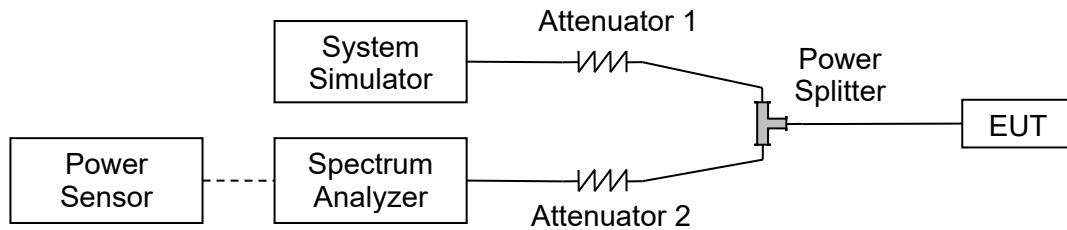
| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 131979 | | 132322 | | 132665 | |
| Frequency (MHz) | | | | 1710.7 | | 1745 | | 1779.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 23.85 | 0.243 | 23.76 | 0.238 | 23.77 | 0.238 |
| 1.4 | QPSK | 1 | 3 | 23.91 | 0.246 | 23.93 | 0.247 | 23.93 | 0.247 |
| 1.4 | QPSK | 1 | 5 | 23.83 | 0.242 | 23.71 | 0.235 | 23.87 | 0.244 |
| 1.4 | QPSK | 3 | 0 | 23.82 | 0.241 | 23.75 | 0.237 | 23.82 | 0.241 |
| 1.4 | QPSK | 3 | 1 | 23.79 | 0.239 | 23.85 | 0.243 | 23.76 | 0.238 |
| 1.4 | QPSK | 3 | 3 | 23.80 | 0.240 | 23.76 | 0.238 | 23.68 | 0.233 |
| 1.4 | QPSK | 6 | 0 | 23.40 | 0.219 | 23.25 | 0.211 | 23.44 | 0.221 |
| 1.4 | 16QAM | 1 | 0 | 23.32 | 0.215 | 23.32 | 0.215 | 23.52 | 0.225 |
| 1.4 | 16QAM | 1 | 3 | 23.32 | 0.215 | 23.41 | 0.219 | 23.53 | 0.225 |
| 1.4 | 16QAM | 1 | 5 | 23.15 | 0.207 | 23.35 | 0.216 | 23.23 | 0.210 |
| 1.4 | 16QAM | 3 | 0 | 23.10 | 0.204 | 23.07 | 0.203 | 23.33 | 0.215 |
| 1.4 | 16QAM | 3 | 1 | 23.19 | 0.208 | 23.09 | 0.204 | 23.21 | 0.209 |
| 1.4 | 16QAM | 3 | 3 | 23.20 | 0.209 | 23.21 | 0.209 | 23.15 | 0.207 |
| 1.4 | 16QAM | 6 | 0 | 23.09 | 0.204 | 23.00 | 0.200 | 23.01 | 0.200 |
| 1.4 | 64QAM | 1 | 0 | 23.43 | 0.220 | 23.28 | 0.213 | 23.44 | 0.221 |
| 1.4 | 64QAM | 1 | 3 | 23.16 | 0.207 | 23.25 | 0.211 | 23.25 | 0.211 |
| 1.4 | 64QAM | 1 | 5 | 23.13 | 0.206 | 23.13 | 0.206 | 23.24 | 0.211 |
| 1.4 | 64QAM | 3 | 0 | 23.22 | 0.210 | 23.20 | 0.209 | 23.22 | 0.210 |
| 1.4 | 64QAM | 3 | 1 | 23.21 | 0.209 | 23.25 | 0.211 | 23.29 | 0.213 |
| 1.4 | 64QAM | 3 | 3 | 23.21 | 0.209 | 23.14 | 0.206 | 23.16 | 0.207 |
| 1.4 | 64QAM | 6 | 0 | 23.11 | 0.205 | 23.21 | 0.209 | 23.22 | 0.210 |

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 | 1.24 |
| | Low | 16QAM | 1.10 | 1.25 |
| | Low | 64QAM | 1.10 | 1.26 |
| | Mid | QPSK | 1.10 | 1.25 |
| | Mid | 16QAM | 1.10 | 1.24 |
| | Mid | 64QAM | 1.10 | 1.26 |
| | High | QPSK | 1.10 | 1.25 |
| | High | 16QAM | 1.10 | 1.25 |
| | High | 64QAM | 1.10 | 1.26 |
| 3 | Low | QPSK | 2.71 | 3.04 |
| | Low | 16QAM | 2.71 | 3.05 |
| | Low | 64QAM | 2.71 | 3.05 |
| | Mid | QPSK | 2.72 | 3.06 |
| | Mid | 16QAM | 2.71 | 3.06 |
| | Mid | 64QAM | 2.71 | 3.04 |
| | High | QPSK | 2.71 | 3.06 |
| | High | 16QAM | 2.72 | 3.03 |
| | High | 64QAM | 2.71 | 3.02 |
| 5 | Low | QPSK | 4.50 | 4.98 |
| | Low | 16QAM | 4.50 | 4.98 |
| | Low | 64QAM | 4.50 | 4.99 |
| | Mid | QPSK | 4.50 | 4.97 |
| | Mid | 16QAM | 4.50 | 5.0 |
| | Mid | 64QAM | 4.49 | 4.96 |
| | High | QPSK | 4.49 | 4.97 |
| | High | 16QAM | 4.51 | 5.01 |
| | High | 64QAM | 4.50 | 4.98 |
| 10 | Low | QPSK | 9.02 | 9.88 |
| | Low | 16QAM | 8.99 | 9.88 |
| | Low | 64QAM | 9.03 | 9.90 |
| | Mid | QPSK | 9.00 | 9.84 |
| | Mid | 16QAM | 8.97 | 9.86 |
| | Mid | 64QAM | 9.01 | 9.93 |
| | High | QPSK | 9.00 | 9.89 |
| | High | 16QAM | 8.98 | 9.80 |
| | High | 64QAM | 9.00 | 9.94 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.49 | 14.97 |
| | Low | 16QAM | 13.51 | 14.91 |
| | Low | 64QAM | 13.52 | 15.0 |
| | Mid | QPSK | 13.51 | 14.99 |
| | Mid | 16QAM | 13.52 | 15.06 |
| | Mid | 64QAM | 13.51 | 14.97 |
| | High | QPSK | 13.49 | 14.9 |
| | High | 16QAM | 13.49 | 14.75 |
| | High | 64QAM | 13.48 | 14.92 |
| 20 | Low | QPSK | 17.98 | 19.78 |
| | Low | 16QAM | 17.96 | 19.74 |
| | Low | 64QAM | 17.98 | 19.75 |
| | Mid | QPSK | 18.05 | 19.77 |
| | Mid | 16QAM | 18.05 | 19.87 |
| | Mid | 64QAM | 18.08 | 19.73 |
| | High | QPSK | 17.96 | 19.75 |
| | High | 16QAM | 17.99 | 19.7 |
| | High | 64QAM | 17.99 | 19.67 |



| LTE Band 4 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.10 | 1.25 |
| | Low | 16QAM | 1.10 | 1.25 |
| | Low | 64QAM | 1.10 | 1.25 |
| | Mid | QPSK | 1.09 | 1.25 |
| | Mid | 16QAM | 1.10 | 1.26 |
| | Mid | 64QAM | 1.10 | 1.25 |
| | High | QPSK | 1.10 | 1.24 |
| | High | 16QAM | 1.10 | 1.25 |
| | High | 64QAM | 1.10 | 1.26 |
| 3 | Low | QPSK | 2.72 | 3.05 |
| | Low | 16QAM | 2.71 | 3.07 |
| | Low | 64QAM | 2.70 | 3.05 |
| | Mid | QPSK | 2.71 | 3.06 |
| | Mid | 16QAM | 2.71 | 3.05 |
| | Mid | 64QAM | 2.72 | 3.06 |
| | High | QPSK | 2.71 | 3.04 |
| | High | 16QAM | 2.72 | 3.06 |
| | High | 64QAM | 2.71 | 3.04 |
| 5 | Low | QPSK | 4.50 | 4.97 |
| | Low | 16QAM | 4.49 | 4.96 |
| | Low | 64QAM | 4.50 | 4.99 |
| | Mid | QPSK | 4.50 | 4.96 |
| | Mid | 16QAM | 4.51 | 5.00 |
| | Mid | 64QAM | 4.50 | 4.99 |
| | High | QPSK | 4.50 | 4.95 |
| | High | 16QAM | 4.50 | 4.96 |
| | High | 64QAM | 4.50 | 4.99 |
| 10 | Low | QPSK | 8.99 | 9.81 |
| | Low | 16QAM | 8.99 | 9.79 |
| | Low | 64QAM | 9.02 | 9.94 |
| | Mid | QPSK | 9.02 | 9.87 |
| | Mid | 16QAM | 8.97 | 9.84 |
| | Mid | 64QAM | 9.00 | 9.93 |
| | High | QPSK | 9.03 | 9.84 |
| | High | 16QAM | 8.98 | 9.85 |
| | High | 64QAM | 9.01 | 9.93 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.49 | 14.73 |
| | Low | 16QAM | 13.50 | 15.00 |
| | Low | 64QAM | 13.51 | 14.98 |
| | Mid | QPSK | 13.50 | 14.97 |
| | Mid | 16QAM | 13.51 | 15.00 |
| | Mid | 64QAM | 13.49 | 14.98 |
| | High | QPSK | 13.51 | 14.97 |
| | High | 16QAM | 13.52 | 14.91 |
| | High | 64QAM | 13.50 | 14.92 |
| 20 | Low | QPSK | 17.98 | 19.83 |
| | Low | 16QAM | 18.03 | 19.83 |
| | Low | 64QAM | 17.99 | 19.89 |
| | Mid | QPSK | 17.97 | 19.75 |
| | Mid | 16QAM | 18.02 | 19.91 |
| | Mid | 64QAM | 18.00 | 19.79 |
| | High | QPSK | 18.00 | 19.77 |
| | High | 16QAM | 18.03 | 19.85 |
| | High | 64QAM | 17.98 | 19.79 |



| LTE Band 5 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.25 |
| | Low | 16QAM | 1.10 | 1.24 |
| | Low | 64QAM | 1.10 | 1.25 |
| | Mid | QPSK | 1.10 | 1.25 |
| | Mid | 16QAM | 1.10 | 1.26 |
| | Mid | 64QAM | 1.10 | 1.25 |
| | High | QPSK | 1.09 | 1.24 |
| | High | 16QAM | 1.10 | 1.25 |
| | High | 64QAM | 1.11 | 1.25 |
| 3 | Low | QPSK | 2.71 | 3.07 |
| | Low | 16QAM | 2.71 | 3.04 |
| | Low | 64QAM | 2.71 | 3.04 |
| | Mid | QPSK | 2.71 | 3.04 |
| | Mid | 16QAM | 2.72 | 3.03 |
| | Mid | 64QAM | 2.72 | 3.02 |
| | High | QPSK | 2.71 | 3.05 |
| | High | 16QAM | 2.71 | 3.03 |
| | High | 64QAM | 2.71 | 3.04 |
| 5 | Low | QPSK | 4.50 | 4.98 |
| | Low | 16QAM | 4.51 | 4.99 |
| | Low | 64QAM | 4.51 | 4.91 |
| | Mid | QPSK | 4.50 | 4.98 |
| | Mid | 16QAM | 4.51 | 4.97 |
| | Mid | 64QAM | 4.51 | 4.98 |
| | High | QPSK | 4.49 | 4.98 |
| | High | 16QAM | 4.49 | 4.99 |
| | High | 64QAM | 4.51 | 4.94 |
| 10 | Low | QPSK | 9.02 | 9.91 |
| | Low | 16QAM | 8.99 | 9.82 |
| | Low | 64QAM | 9.01 | 9.96 |
| | Mid | QPSK | 9.02 | 9.88 |
| | Mid | 16QAM | 8.97 | 9.80 |
| | Mid | 64QAM | 9.02 | 9.97 |
| | High | QPSK | 9.00 | 9.91 |
| | High | 16QAM | 8.97 | 9.85 |
| | High | 64QAM | 9.02 | 9.90 |



| LTE Band 7 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.50 | 4.97 |
| | Low | 16QAM | 4.50 | 4.98 |
| | Low | 64QAM | 4.50 | 4.98 |
| | Mid | QPSK | 4.49 | 4.96 |
| | Mid | 16QAM | 4.51 | 4.97 |
| | Mid | 64QAM | 4.50 | 4.95 |
| | High | QPSK | 4.50 | 4.98 |
| | High | 16QAM | 4.50 | 5.00 |
| | High | 64QAM | 4.51 | 4.97 |
| 10 | Low | QPSK | 9.02 | 9.89 |
| | Low | 16QAM | 8.99 | 9.84 |
| | Low | 64QAM | 9.01 | 9.96 |
| | Mid | QPSK | 9.02 | 9.91 |
| | Mid | 16QAM | 8.99 | 9.84 |
| | Mid | 64QAM | 9.00 | 9.87 |
| | High | QPSK | 9.00 | 9.93 |
| | High | 16QAM | 8.98 | 9.86 |
| | High | 64QAM | 9.00 | 9.86 |
| 15 | Low | QPSK | 13.51 | 14.89 |
| | Low | 16QAM | 13.51 | 14.95 |
| | Low | 64QAM | 13.50 | 14.97 |
| | Mid | QPSK | 13.50 | 14.90 |
| | Mid | 16QAM | 13.51 | 15.04 |
| | Mid | 64QAM | 13.50 | 14.98 |
| | High | QPSK | 13.48 | 14.83 |
| | High | 16QAM | 13.49 | 14.97 |
| | High | 64QAM | 13.48 | 14.92 |
| 20 | Low | QPSK | 18.02 | 19.73 |
| | Low | 16QAM | 18.01 | 19.81 |
| | Low | 64QAM | 18.01 | 19.73 |
| | Mid | QPSK | 18.02 | 19.79 |
| | Mid | 16QAM | 18.03 | 19.72 |
| | Mid | 64QAM | 18.04 | 19.70 |
| | High | QPSK | 17.97 | 19.69 |
| | High | 16QAM | 17.98 | 19.74 |
| | High | 64QAM | 17.97 | 19.58 |



| LTE Band 12 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.24 |
| | Low | 16QAM | 1.10 | 1.25 |
| | Low | 64QAM | 1.10 | 1.24 |
| | Mid | QPSK | 1.10 | 1.25 |
| | Mid | 16QAM | 1.10 | 1.26 |
| | Mid | 64QAM | 1.10 | 1.25 |
| | High | QPSK | 1.10 | 1.24 |
| | High | 16QAM | 1.10 | 1.25 |
| | High | 64QAM | 1.10 | 1.24 |
| 3 | Low | QPSK | 2.72 | 3.05 |
| | Low | 16QAM | 2.71 | 3.06 |
| | Low | 64QAM | 2.71 | 3.04 |
| | Mid | QPSK | 2.72 | 3.05 |
| | Mid | 16QAM | 2.71 | 3.04 |
| | Mid | 64QAM | 2.71 | 3.05 |
| | High | QPSK | 2.71 | 3.05 |
| | High | 16QAM | 2.71 | 3.04 |
| | High | 64QAM | 2.72 | 3.03 |
| 5 | Low | QPSK | 4.50 | 4.98 |
| | Low | 16QAM | 4.50 | 5.01 |
| | Low | 64QAM | 4.49 | 4.85 |
| | Mid | QPSK | 4.50 | 4.96 |
| | Mid | 16QAM | 4.50 | 4.98 |
| | Mid | 64QAM | 4.51 | 4.98 |
| | High | QPSK | 4.50 | 4.95 |
| | High | 16QAM | 4.50 | 4.99 |
| | High | 64QAM | 4.51 | 5.00 |
| 10 | Low | QPSK | 9.03 | 9.88 |
| | Low | 16QAM | 8.99 | 9.84 |
| | Low | 64QAM | 9.02 | 9.97 |
| | Mid | QPSK | 9.00 | 9.88 |
| | Mid | 16QAM | 8.98 | 9.81 |
| | Mid | 64QAM | 9.00 | 9.90 |
| | High | QPSK | 9.01 | 9.86 |
| | High | 16QAM | 8.96 | 9.87 |
| | High | 64QAM | 9.00 | 9.93 |



| LTE Band 17 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.50 | 4.99 |
| | Low | 16QAM | 4.50 | 4.97 |
| | Low | 64QAM | 4.50 | 4.97 |
| | Mid | QPSK | 4.49 | 4.96 |
| | Mid | 16QAM | 4.49 | 4.97 |
| | Mid | 64QAM | 4.50 | 4.97 |
| | High | QPSK | 4.50 | 4.98 |
| | High | 16QAM | 4.51 | 4.95 |
| | High | 64QAM | 4.51 | 4.97 |
| 10 | Low | QPSK | 8.99 | 9.90 |
| | Low | 16QAM | 8.96 | 9.77 |
| | Low | 64QAM | 8.97 | 9.83 |
| | Mid | QPSK | 8.98 | 9.83 |
| | Mid | 16QAM | 8.95 | 9.81 |
| | Mid | 64QAM | 8.98 | 9.88 |
| | High | QPSK | 8.99 | 9.83 |
| | High | 16QAM | 8.94 | 9.86 |
| | High | 64QAM | 9.00 | 9.94 |



| LTE Band 26 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.24 |
| | Low | 16QAM | 1.10 | 1.24 |
| | Low | 64QAM | 1.11 | 1.25 |
| | Mid | QPSK | 1.10 | 1.25 |
| | Mid | 16QAM | 1.10 | 1.25 |
| | Mid | 64QAM | 1.10 | 1.26 |
| | High | QPSK | 1.10 | 1.24 |
| | High | 16QAM | 1.10 | 1.25 |
| | High | 64QAM | 1.11 | 1.26 |
| 3 | Low | QPSK | 2.71 | 3.04 |
| | Low | 16QAM | 2.72 | 3.06 |
| | Low | 64QAM | 2.71 | 3.04 |
| | Mid | QPSK | 2.71 | 3.04 |
| | Mid | 16QAM | 2.72 | 3.05 |
| | Mid | 64QAM | 2.71 | 3.04 |
| | High | QPSK | 2.72 | 3.07 |
| | High | 16QAM | 2.71 | 3.06 |
| | High | 64QAM | 2.71 | 3.05 |
| 5 | Low | QPSK | 4.49 | 4.96 |
| | Low | 16QAM | 4.50 | 4.97 |
| | Low | 64QAM | 4.50 | 4.96 |
| | Mid | QPSK | 4.50 | 4.98 |
| | Mid | 16QAM | 4.50 | 4.98 |
| | Mid | 64QAM | 4.50 | 4.96 |
| | High | QPSK | 4.51 | 4.97 |
| | High | 16QAM | 4.50 | 5.00 |
| | High | 64QAM | 4.50 | 4.99 |
| 10 | Low | QPSK | 9.03 | 9.97 |
| | Low | 16QAM | 8.99 | 9.82 |
| | Low | 64QAM | 9.03 | 9.96 |
| | Mid | QPSK | 9.0 | 9.91 |
| | Mid | 16QAM | 8.97 | 9.82 |
| | Mid | 64QAM | 9.03 | 9.90 |
| | High | QPSK | 9.02 | 9.87 |
| | High | 16QAM | 8.97 | 9.85 |
| | High | 64QAM | 9.02 | 9.90 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.53 | 15.00 |
| | Low | 16QAM | 13.52 | 14.96 |
| | Low | 64QAM | 13.52 | 14.87 |
| | Mid | QPSK | 13.51 | 14.97 |
| | Mid | 16QAM | 13.52 | 15.08 |
| | Mid | 64QAM | 13.51 | 14.99 |
| | High | QPSK | 13.52 | 14.88 |
| | High | 16QAM | 13.50 | 14.97 |
| | High | 64QAM | 13.47 | 14.82 |



| LTE Band 38 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.50 | 5.06 |
| | Low | 16QAM | 4.50 | 5.02 |
| | Low | 64QAM | 4.51 | 4.95 |
| | Mid | QPSK | 4.51 | 4.99 |
| | Mid | 16QAM | 4.52 | 5.43 |
| | Mid | 64QAM | 4.50 | 4.96 |
| | High | QPSK | 4.50 | 5.27 |
| | High | 16QAM | 4.51 | 5.04 |
| | High | 64QAM | 4.52 | 4.96 |
| 10 | Low | QPSK | 8.98 | 9.93 |
| | Low | 16QAM | 8.97 | 9.8 |
| | Low | 64QAM | 9.01 | 10.13 |
| | Mid | QPSK | 8.98 | 10.07 |
| | Mid | 16QAM | 8.98 | 10.15 |
| | Mid | 64QAM | 9.01 | 10.27 |
| | High | QPSK | 8.98 | 9.82 |
| | High | 16QAM | 8.99 | 9.81 |
| | High | 64QAM | 8.99 | 10.30 |
| 15 | Low | QPSK | 13.45 | 14.69 |
| | Low | 16QAM | 13.50 | 14.83 |
| | Low | 64QAM | 13.50 | 16.04 |
| | Mid | QPSK | 13.52 | 14.88 |
| | Mid | 16QAM | 13.51 | 15.38 |
| | Mid | 64QAM | 13.51 | 15.08 |
| | High | QPSK | 13.47 | 15.19 |
| | High | 16QAM | 13.47 | 15.17 |
| | High | 64QAM | 13.46 | 15.46 |
| 20 | Low | QPSK | 18.01 | 20.20 |
| | Low | 16QAM | 17.99 | 19.79 |
| | Low | 64QAM | 18.01 | 19.61 |
| | Mid | QPSK | 18.02 | 20.03 |
| | Mid | 16QAM | 17.98 | 19.83 |
| | Mid | 64QAM | 17.98 | 19.77 |
| | High | QPSK | 17.99 | 20.25 |
| | High | 16QAM | 17.98 | 19.82 |
| | High | 64QAM | 17.99 | 19.66 |



| LTE Band 40, Block A | | | | |
|----------------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.51 | 4.93 |
| | Low | 16QAM | 4.51 | 5.03 |
| | Low | 64QAM | 4.49 | 5.0 |
| | Mid | QPSK | 4.51 | 4.98 |
| | Mid | 16QAM | 4.51 | 5.14 |
| | Mid | 64QAM | 4.51 | 4.98 |
| | High | QPSK | 4.51 | 5.24 |
| | High | 16QAM | 4.51 | 5.05 |
| | High | 64QAM | 4.51 | 4.99 |
| 10 | Mid | QPSK | 8.98 | 9.92 |
| | Mid | 16QAM | 8.97 | 10.02 |
| | Mid | 64QAM | 8.99 | 10.38 |

| LTE Band 40, Block B | | | | |
|----------------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.52 | 5.3 |
| | Low | 16QAM | 4.51 | 5.03 |
| | Low | 64QAM | 4.51 | 4.99 |
| | Mid | QPSK | 4.51 | 5.26 |
| | Mid | 16QAM | 4.51 | 5.11 |
| | Mid | 64QAM | 4.51 | 4.94 |
| | High | QPSK | 4.51 | 5.26 |
| | High | 16QAM | 4.51 | 5.17 |
| | High | 64QAM | 4.52 | 4.98 |
| 10 | Mid | QPSK | 9.0 | 9.79 |
| | Mid | 16QAM | 8.98 | 9.93 |
| | Mid | 64QAM | 9.01 | 10.54 |



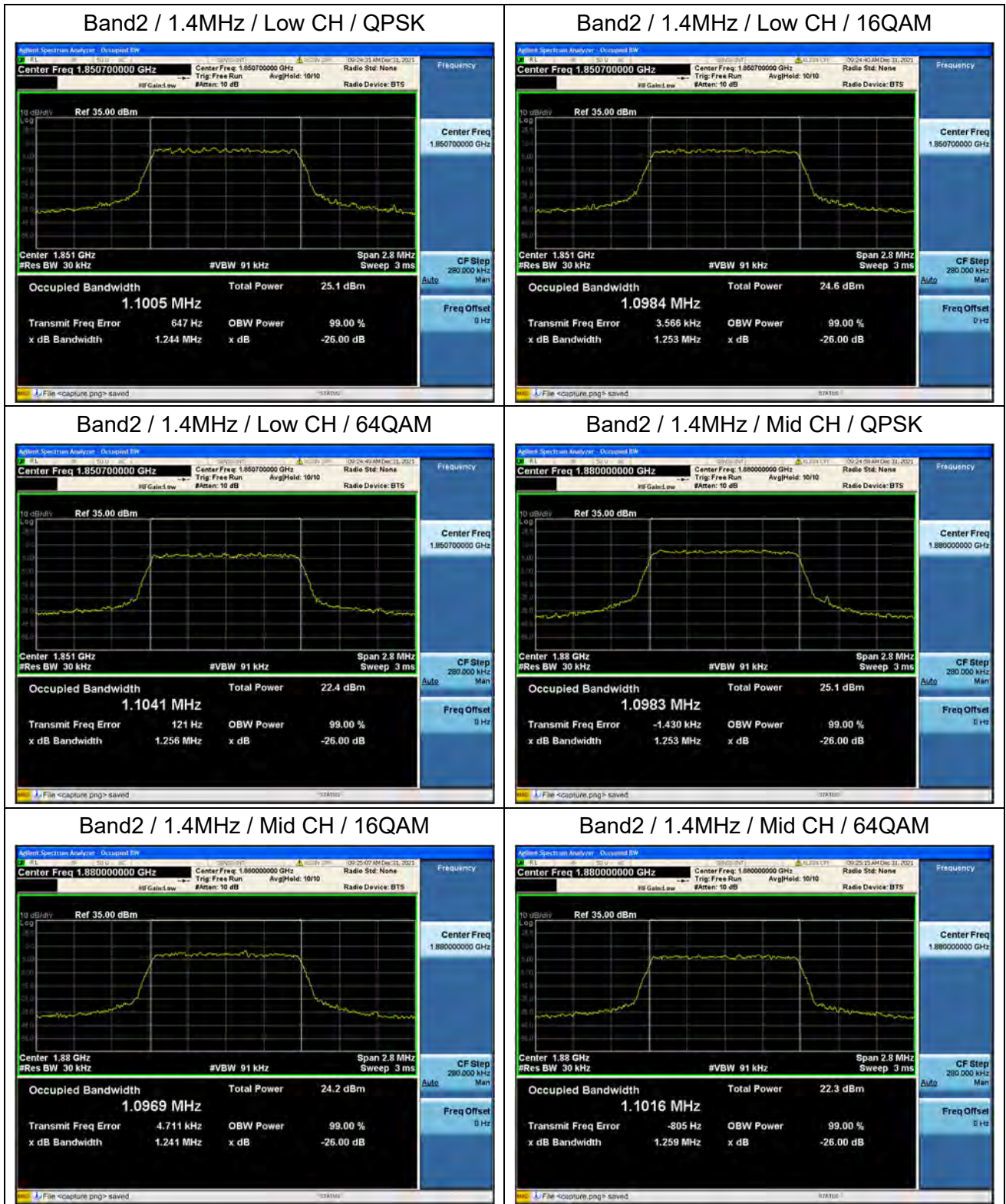
| LTE Band 41 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.51 | 5.09 |
| | Low | 16QAM | 4.50 | 5.06 |
| | Low | 64QAM | 4.51 | 5.12 |
| | Mid | QPSK | 4.51 | 5.04 |
| | Mid | 16QAM | 4.50 | 5.18 |
| | Mid | 64QAM | 4.49 | 5.07 |
| | High | QPSK | 4.50 | 5.21 |
| | High | 16QAM | 4.51 | 5.20 |
| | High | 64QAM | 4.50 | 5.11 |
| 10 | Low | QPSK | 9.00 | 9.75 |
| | Low | 16QAM | 8.98 | 9.79 |
| | Low | 64QAM | 9.00 | 9.90 |
| | Mid | QPSK | 8.98 | 9.93 |
| | Mid | 16QAM | 8.98 | 9.82 |
| | Mid | 64QAM | 8.97 | 9.97 |
| | High | QPSK | 8.98 | 9.89 |
| | High | 16QAM | 9.00 | 9.80 |
| | High | 64QAM | 9.00 | 9.95 |
| 15 | Low | QPSK | 13.49 | 14.72 |
| | Low | 16QAM | 13.51 | 14.70 |
| | Low | 64QAM | 13.51 | 14.69 |
| | Mid | QPSK | 13.47 | 14.76 |
| | Mid | 16QAM | 13.50 | 15.35 |
| | Mid | 64QAM | 13.53 | 14.83 |
| | High | QPSK | 13.50 | 15.22 |
| | High | 16QAM | 13.50 | 14.77 |
| | High | 64QAM | 13.50 | 14.85 |
| 20 | Low | QPSK | 17.98 | 20.32 |
| | Low | 16QAM | 17.99 | 20.35 |
| | Low | 64QAM | 17.98 | 20.24 |
| | Mid | QPSK | 17.98 | 20.02 |
| | Mid | 16QAM | 17.98 | 19.94 |
| | Mid | 64QAM | 18.00 | 19.90 |
| | High | QPSK | 17.96 | 20.05 |
| | High | 16QAM | 17.92 | 21.34 |
| | High | 64QAM | 17.97 | 20.40 |

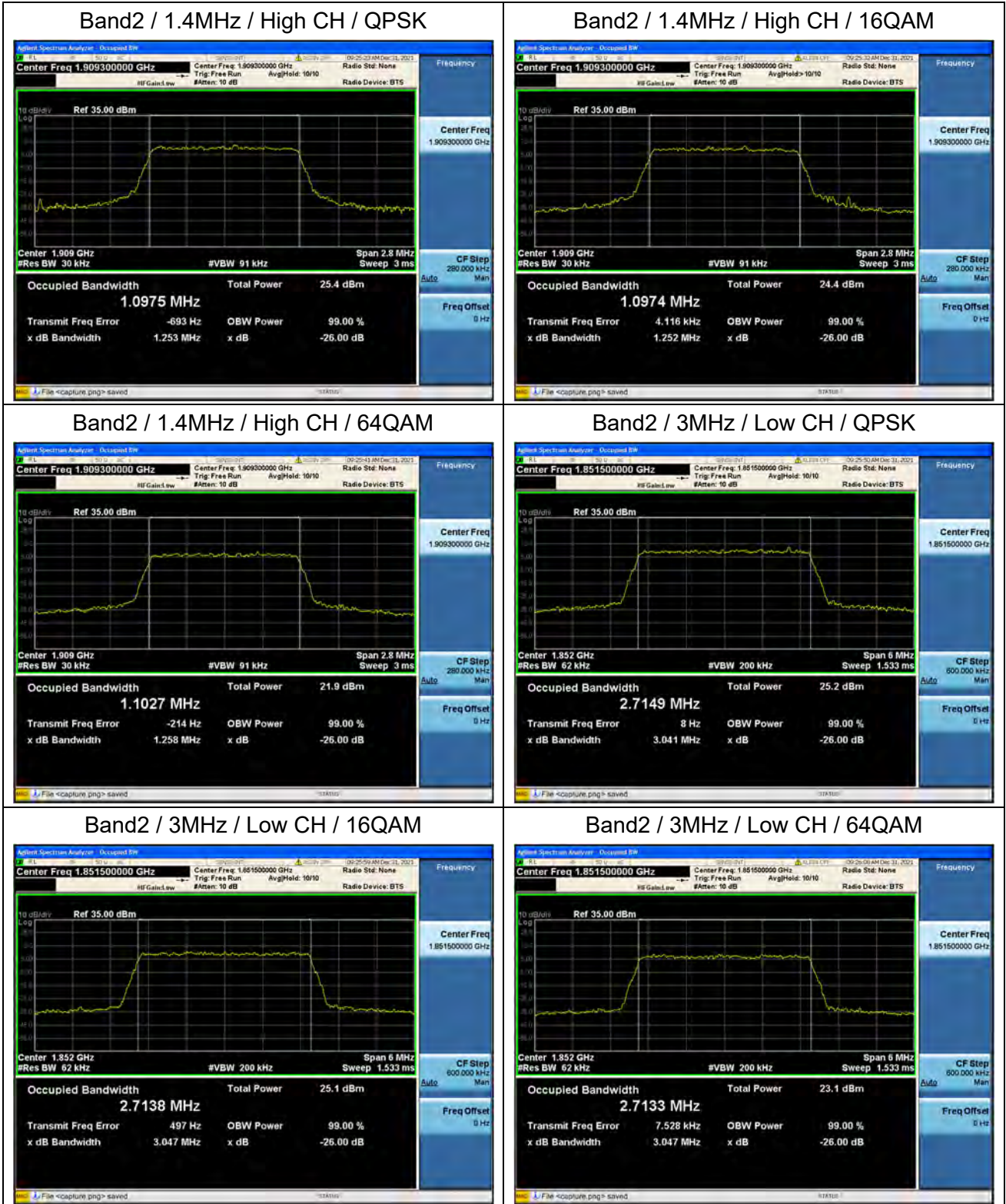


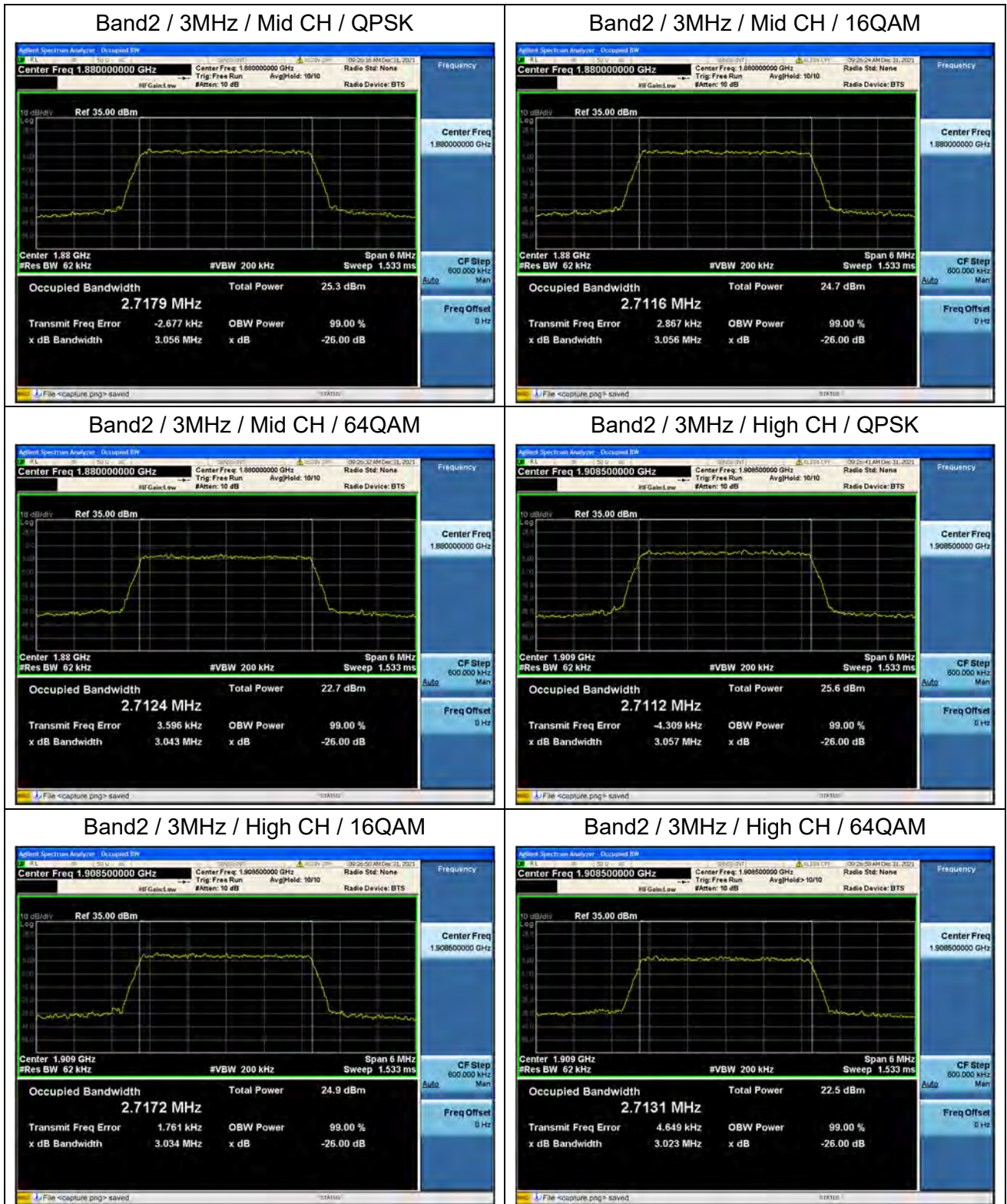
| LTE Band 66 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.10 | 1.25 |
| | Low | 16QAM | 1.09 | 1.24 |
| | Low | 64QAM | 1.10 | 1.25 |
| | Mid | QPSK | 1.09 | 1.25 |
| | Mid | 16QAM | 1.10 | 1.25 |
| | Mid | 64QAM | 1.10 | 1.24 |
| | High | QPSK | 1.10 | 1.25 |
| | High | 16QAM | 1.10 | 1.26 |
| | High | 64QAM | 1.10 | 1.25 |
| 3 | Low | QPSK | 2.71 | 3.06 |
| | Low | 16QAM | 2.71 | 3.05 |
| | Low | 64QAM | 2.71 | 3.06 |
| | Mid | QPSK | 2.71 | 3.04 |
| | Mid | 16QAM | 2.71 | 3.06 |
| | Mid | 64QAM | 2.71 | 3.05 |
| | High | QPSK | 2.72 | 3.05 |
| | High | 16QAM | 2.71 | 3.06 |
| | High | 64QAM | 2.71 | 3.05 |
| 5 | Low | QPSK | 4.50 | 4.96 |
| | Low | 16QAM | 4.50 | 4.97 |
| | Low | 64QAM | 4.50 | 5.01 |
| | Mid | QPSK | 4.50 | 4.98 |
| | Mid | 16QAM | 4.50 | 4.98 |
| | Mid | 64QAM | 4.51 | 4.97 |
| | High | QPSK | 4.50 | 4.99 |
| | High | 16QAM | 4.50 | 4.98 |
| | High | 64QAM | 4.50 | 4.99 |
| 10 | Low | QPSK | 9.01 | 9.9 |
| | Low | 16QAM | 8.97 | 9.85 |
| | Low | 64QAM | 9.01 | 9.91 |
| | Mid | QPSK | 9.02 | 9.87 |
| | Mid | 16QAM | 8.98 | 9.78 |
| | Mid | 64QAM | 9.02 | 9.92 |
| | High | QPSK | 8.98 | 9.89 |
| | High | 16QAM | 8.98 | 9.83 |
| | High | 64QAM | 9.03 | 9.89 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.50 | 14.95 |
| | Low | 16QAM | 13.50 | 14.91 |
| | Low | 64QAM | 13.48 | 14.71 |
| | Mid | QPSK | 13.54 | 14.90 |
| | Mid | 16QAM | 13.53 | 15.08 |
| | Mid | 64QAM | 13.50 | 15.03 |
| | High | QPSK | 13.52 | 14.98 |
| | High | 16QAM | 13.50 | 14.93 |
| | High | 64QAM | 13.50 | 14.94 |
| 20 | Low | QPSK | 17.99 | 19.76 |
| | Low | 16QAM | 18.00 | 19.80 |
| | Low | 64QAM | 17.99 | 19.72 |
| | Mid | QPSK | 18.01 | 19.80 |
| | Mid | 16QAM | 18.03 | 19.82 |
| | Mid | 64QAM | 18.00 | 19.66 |
| | High | QPSK | 17.99 | 19.77 |
| | High | 16QAM | 18.03 | 19.81 |
| | High | 64QAM | 18.04 | 19.72 |

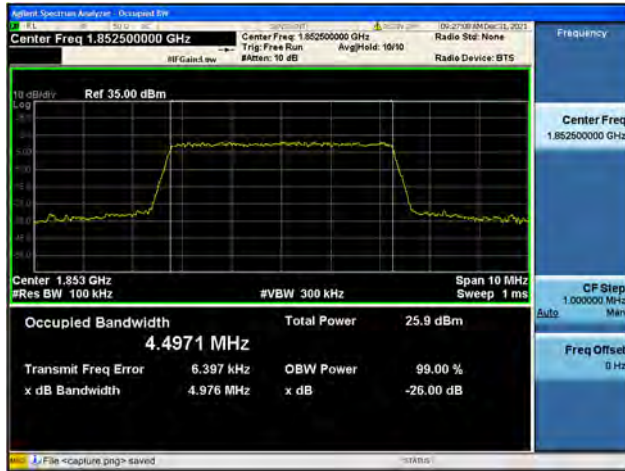




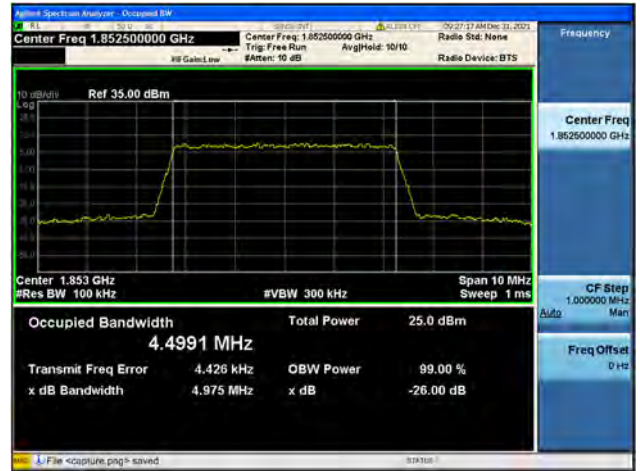




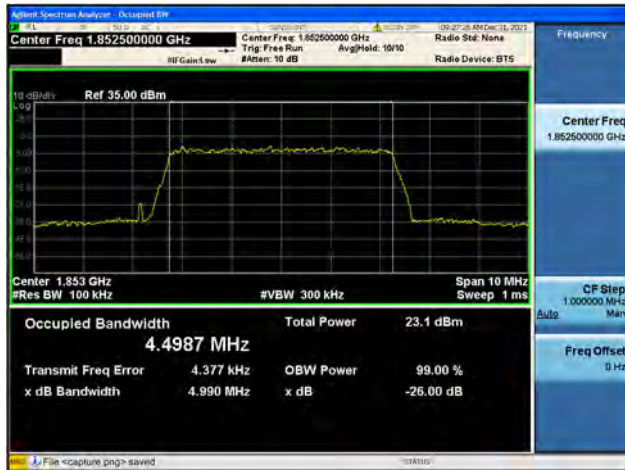
Band2 / 5MHz / Low CH / QPSK



Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Low CH / 64QAM



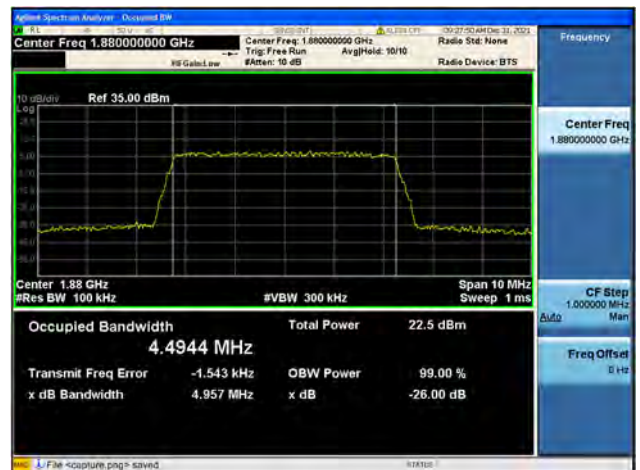
Band2 / 5MHz / Mid CH / QPSK

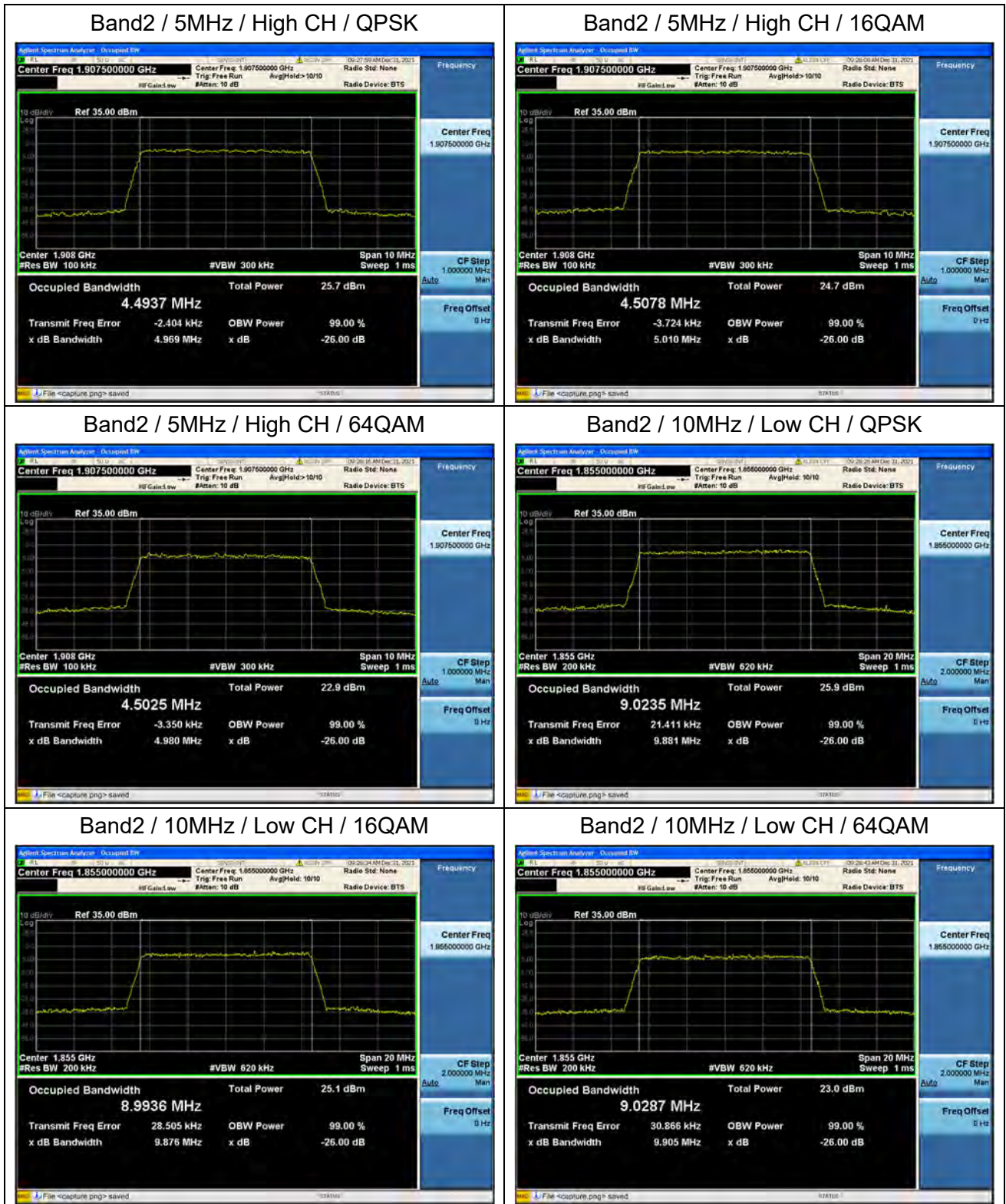


Band2 / 5MHz / Mid CH / 16QAM



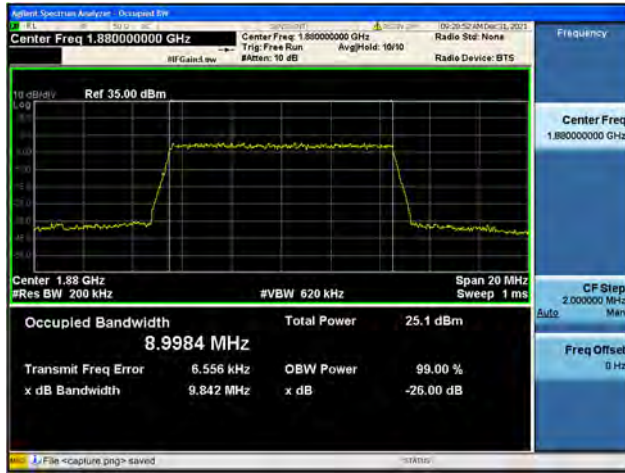
Band2 / 5MHz / Mid CH / 64QAM



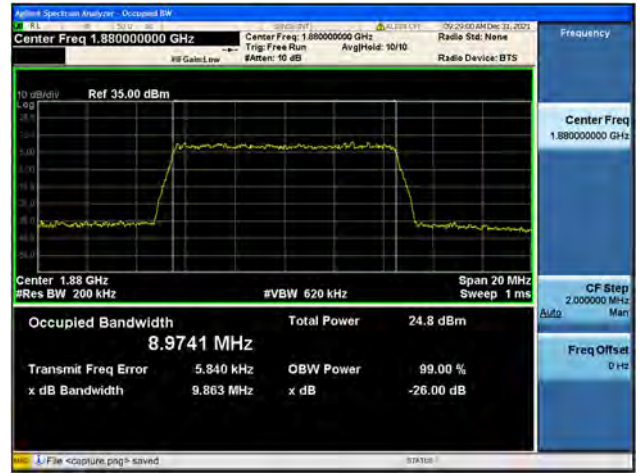




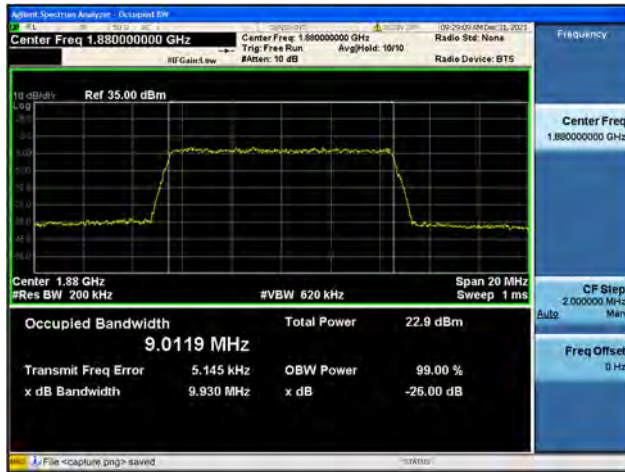
Band2 / 10MHz / Mid CH / QPSK



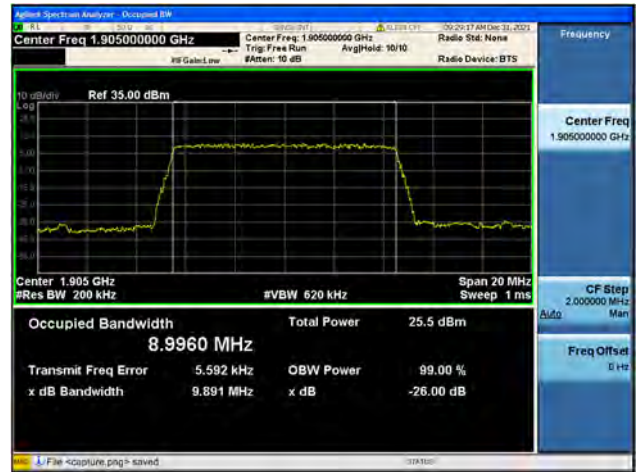
Band2 / 10MHz / Mid CH / 16QAM



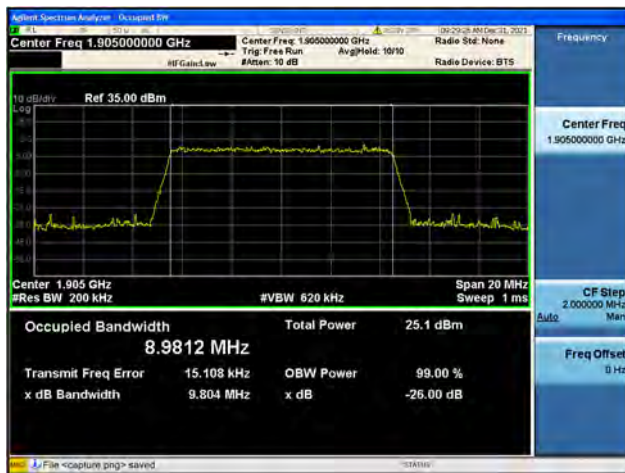
Band2 / 10MHz / Mid CH / 64QAM



Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM

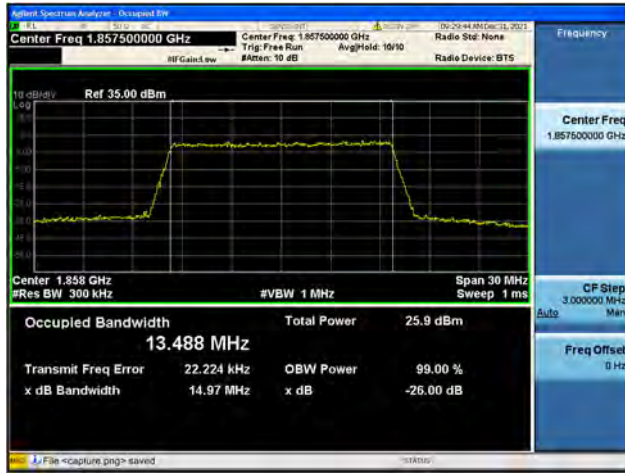


Band2 / 10MHz / High CH / 64QAM





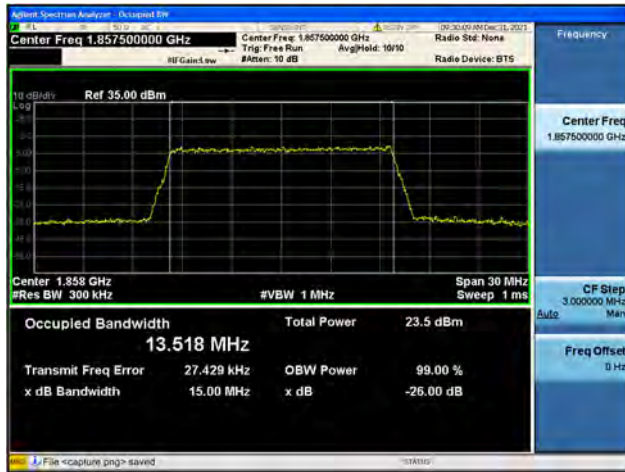
Band2 / 15MHz / Low CH / QPSK



Band2 / 15MHz / Low CH / 16QAM



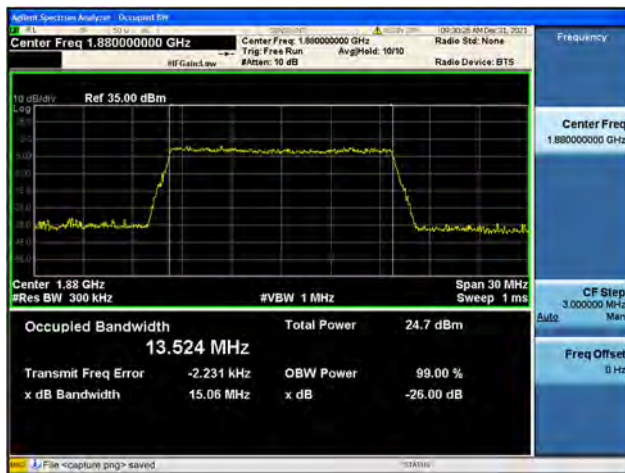
Band2 / 15MHz / Low CH / 64QAM



Band2 / 15MHz / Mid CH / QPSK

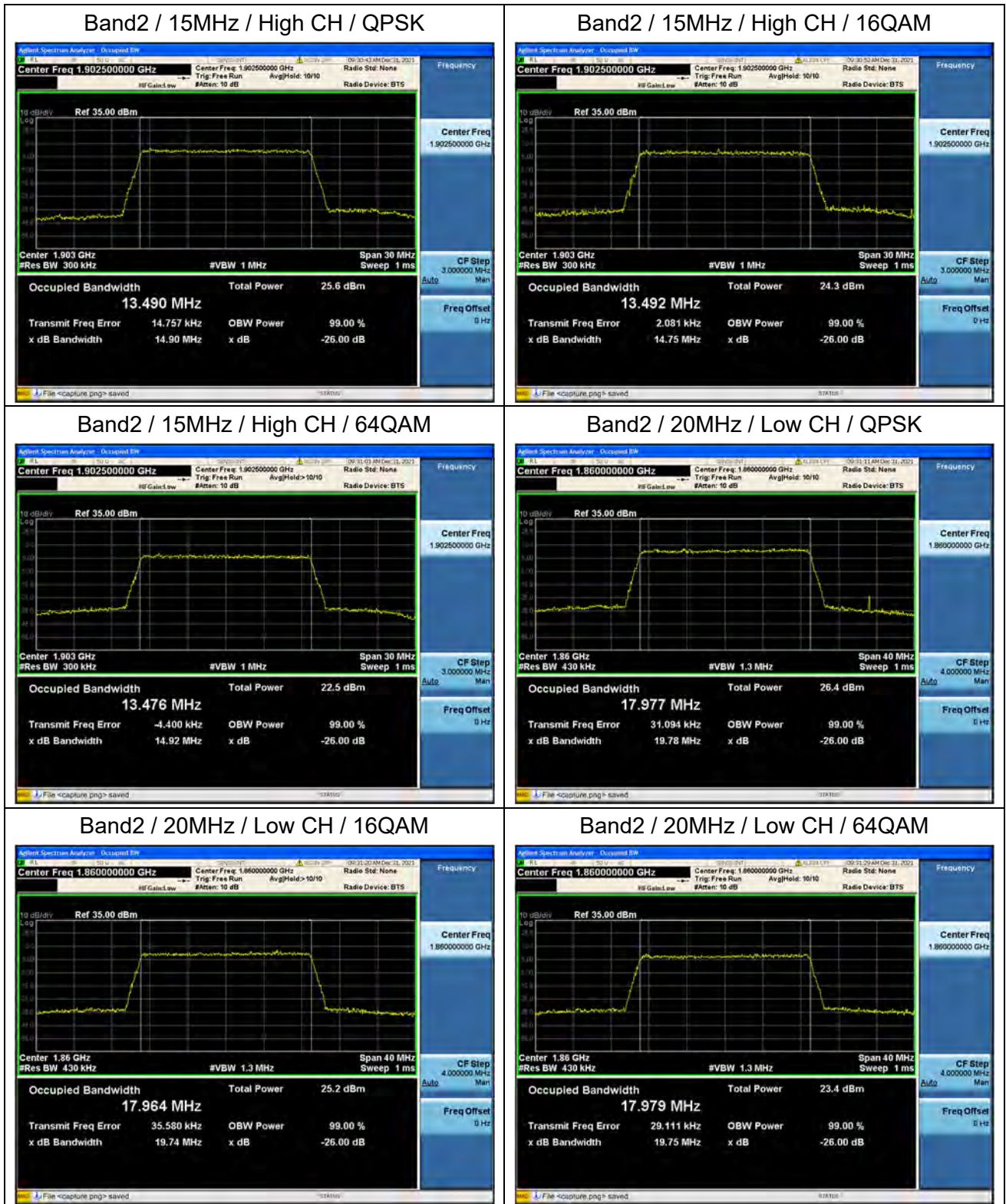


Band2 / 15MHz / Mid CH / 16QAM



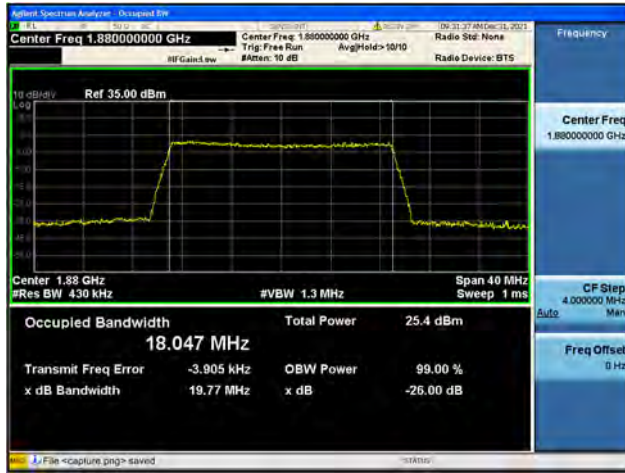
Band2 / 15MHz / Mid CH / 64QAM



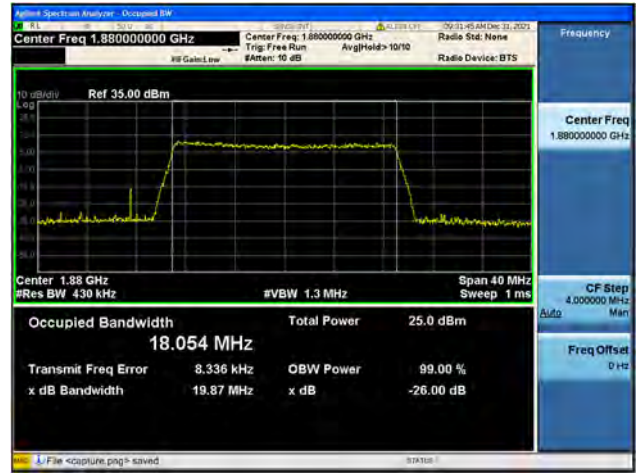




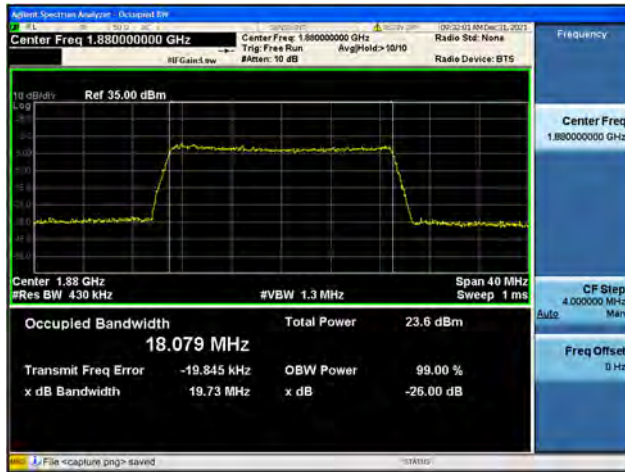
Band2 / 20MHz / Mid CH / QPSK



Band2 / 20MHz / Mid CH / 16QAM



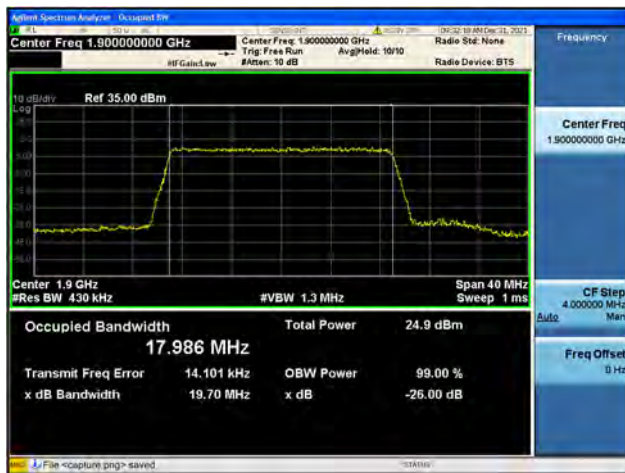
Band2 / 20MHz / Mid CH / 64QAM



Band2 / 20MHz / High CH / QPSK

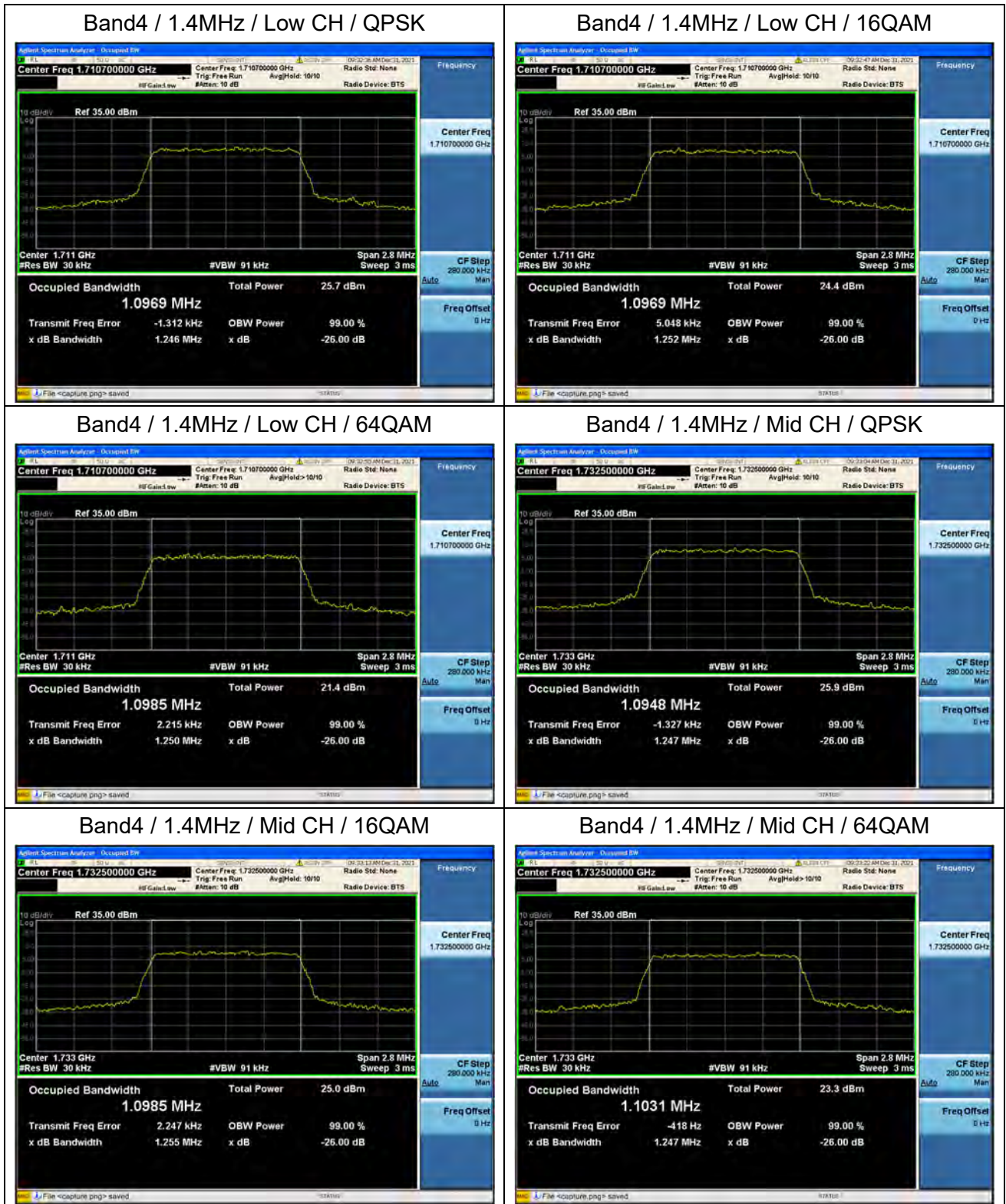


Band2 / 20MHz / High CH / 16QAM



Band2 / 20MHz / High CH / 64QAM







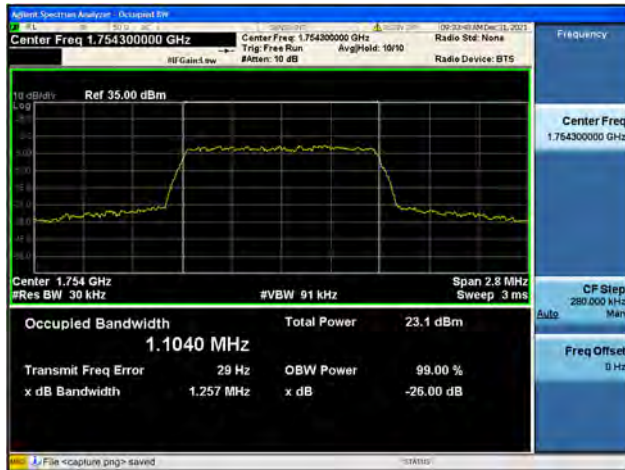
Band4 / 1.4MHz / High CH / QPSK



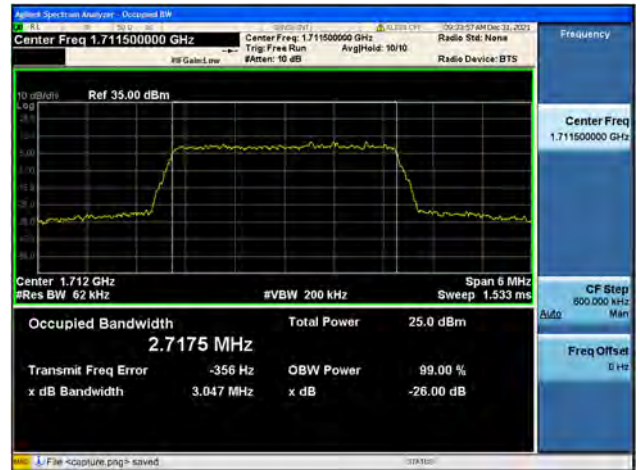
Band4 / 1.4MHz / High CH / 16QAM



Band4 / 1.4MHz / High CH / 64QAM



Band4 / 3MHz / Low CH / QPSK



Band4 / 3MHz / Low CH / 16QAM



Band4 / 3MHz / Low CH / 64QAM

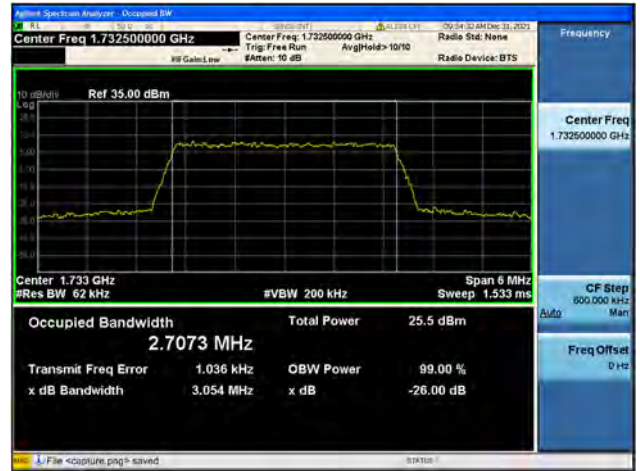




Band4 / 3MHz / Mid CH / QPSK



Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / Mid CH / 64QAM



Band4 / 3MHz / High CH / QPSK



Band4 / 3MHz / High CH / 16QAM

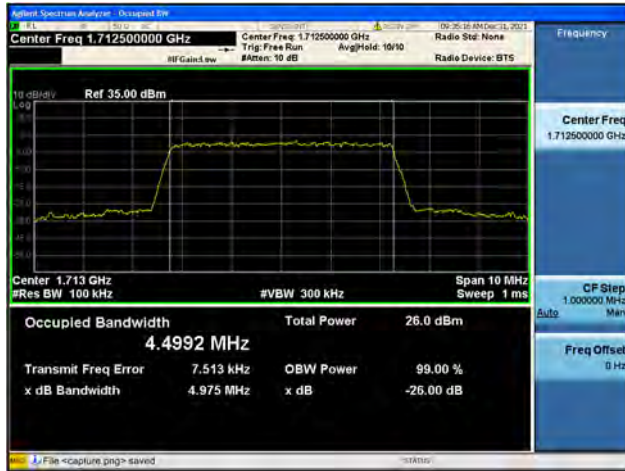


Band4 / 3MHz / High CH / 64QAM





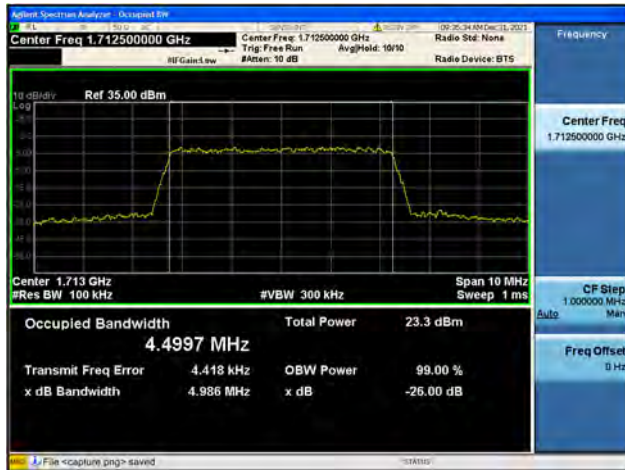
Band4 / 5MHz / Low CH / QPSK



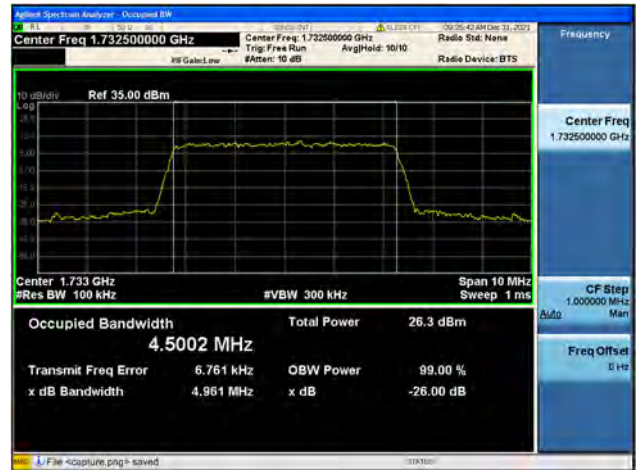
Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Low CH / 64QAM



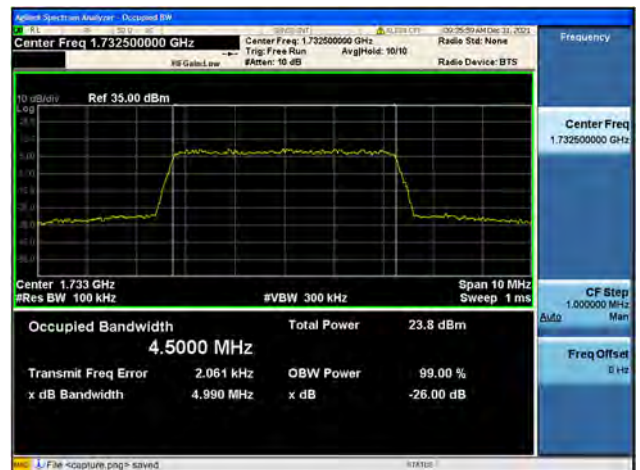
Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM

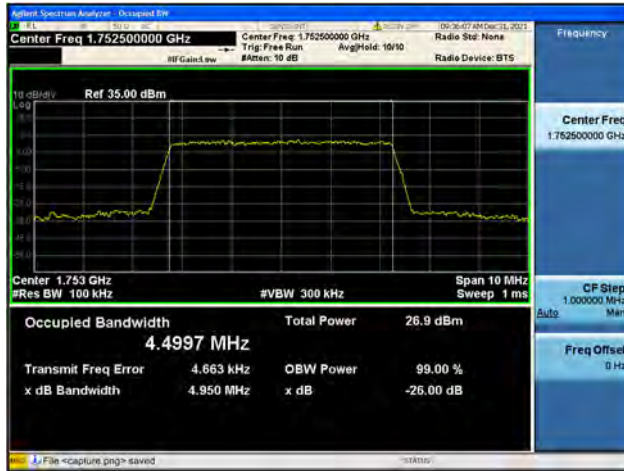


Band4 / 5MHz / Mid CH / 64QAM





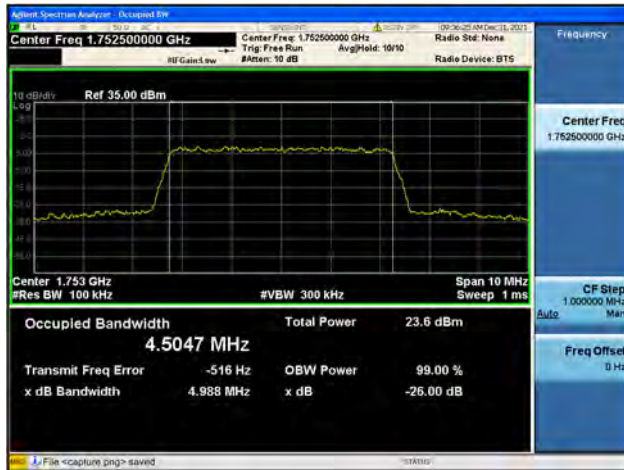
Band4 / 5MHz / High CH / QPSK



Band4 / 5MHz / High CH / 16QAM



Band4 / 5MHz / High CH / 64QAM



Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM

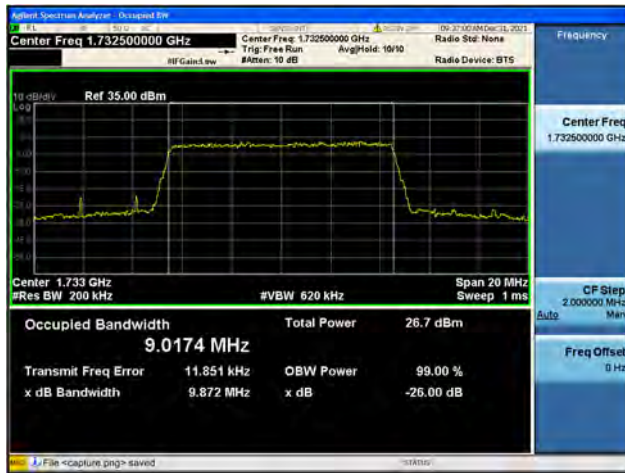


Band4 / 10MHz / Low CH / 64QAM





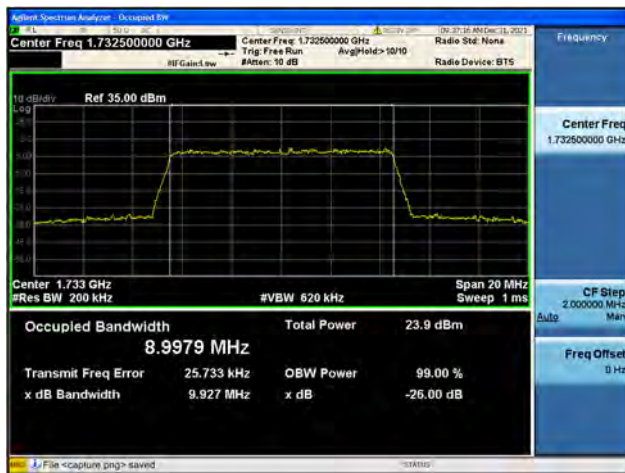
Band4 / 10MHz / Mid CH / QPSK



Band4 / 10MHz / Mid CH / 16QAM



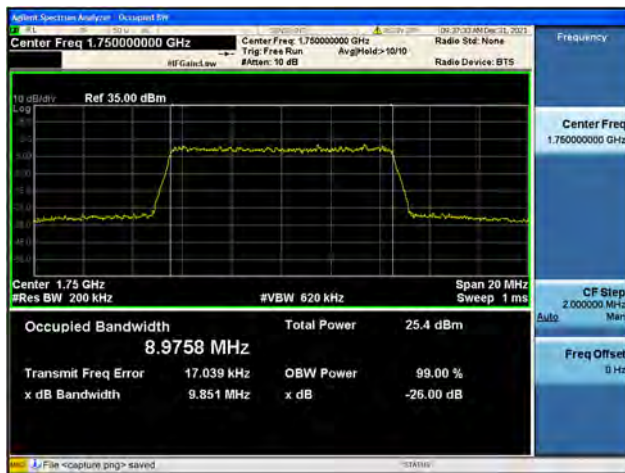
Band4 / 10MHz / Mid CH / 64QAM



Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM

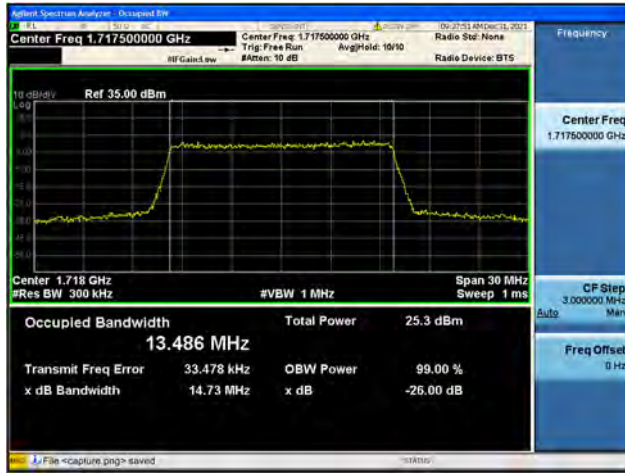


Band4 / 10MHz / High CH / 64QAM





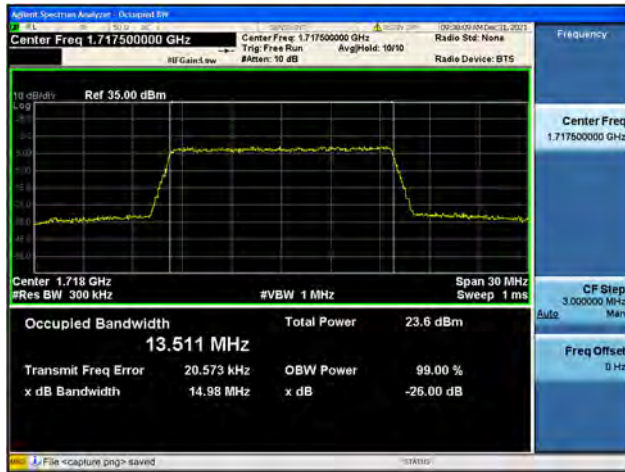
Band4 / 15MHz / Low CH / QPSK



Band4 / 15MHz / Low CH / 16QAM



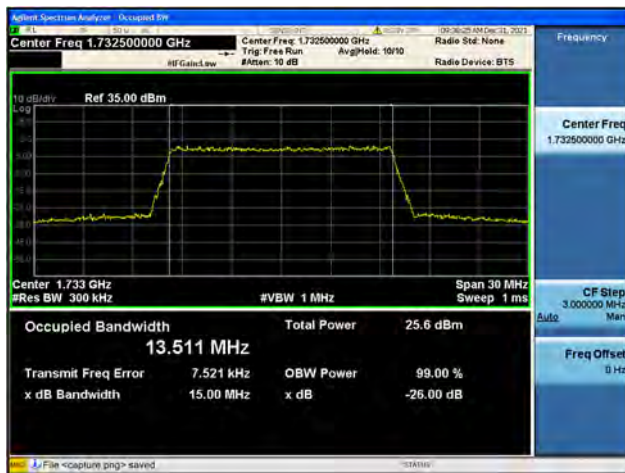
Band4 / 15MHz / Low CH / 64QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

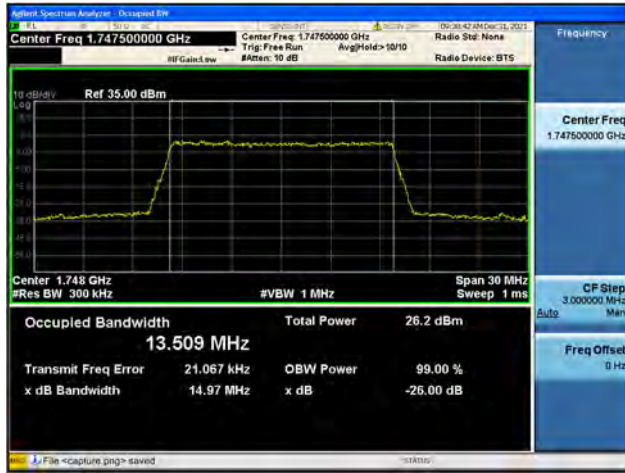


Band4 / 15MHz / Mid CH / 64QAM





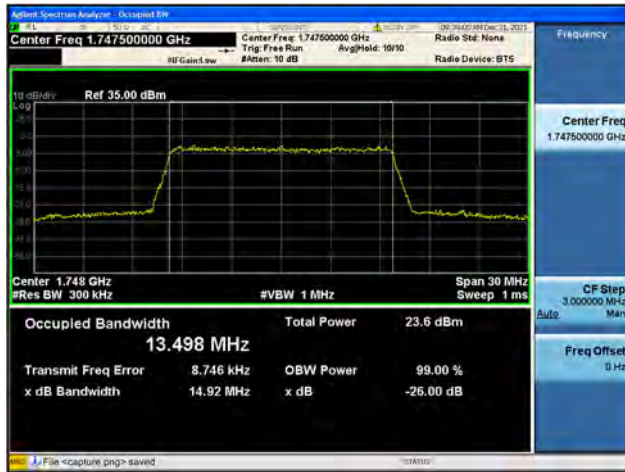
Band4 / 15MHz / High CH / QPSK



Band4 / 15MHz / High CH / 16QAM



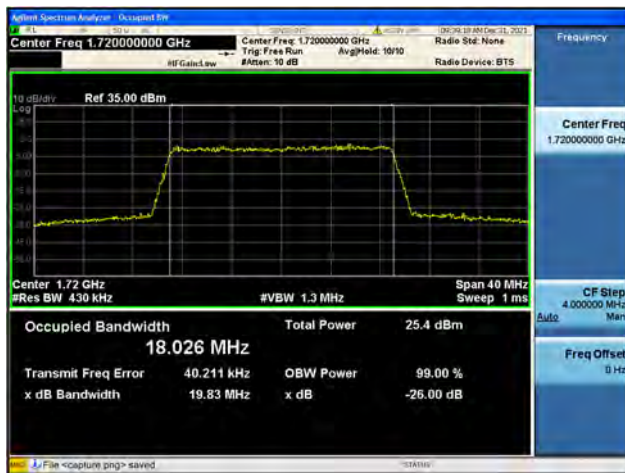
Band4 / 15MHz / High CH / 64QAM



Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM

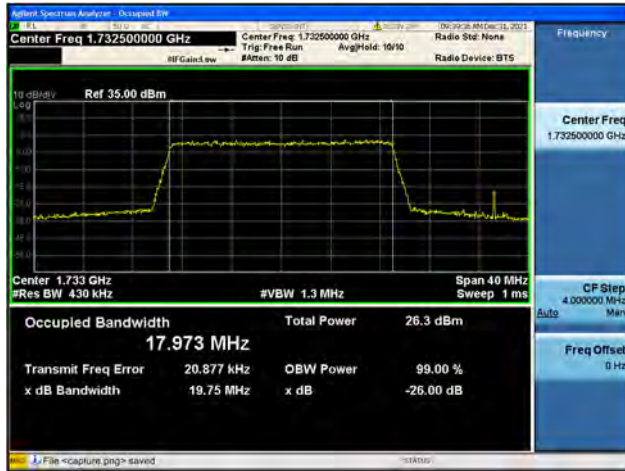


Band4 / 20MHz / Low CH / 64QAM

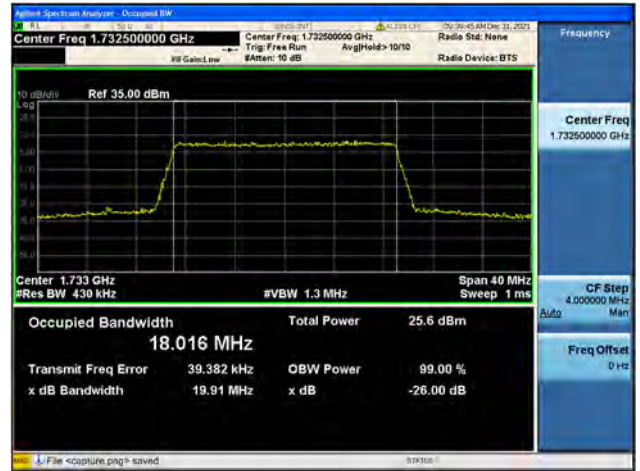




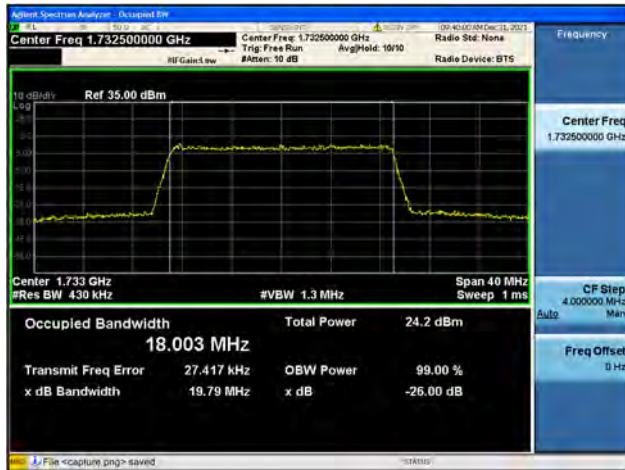
Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / Mid CH / 64QAM



Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM



Band4 / 20MHz / High CH / 64QAM





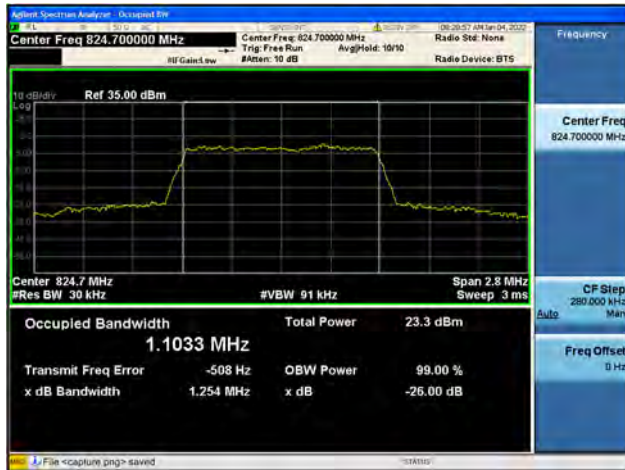
Band5 / 1.4MHz / Low CH / QPSK



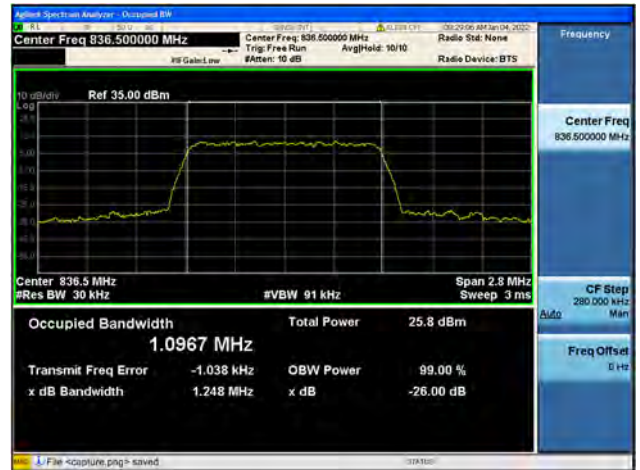
Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Low CH / 64QAM



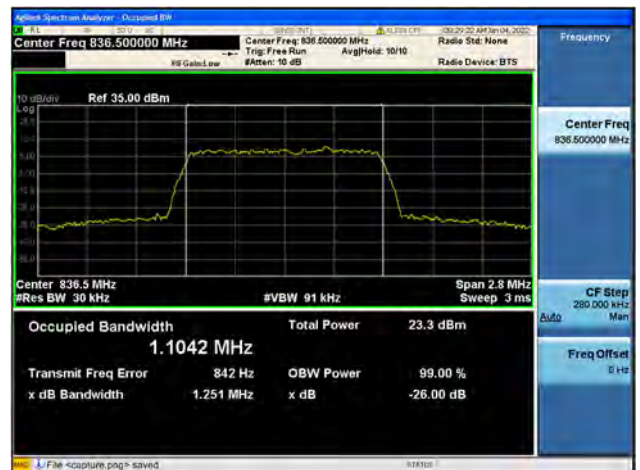
Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM



Band5 / 1.4MHz / Mid CH / 64QAM





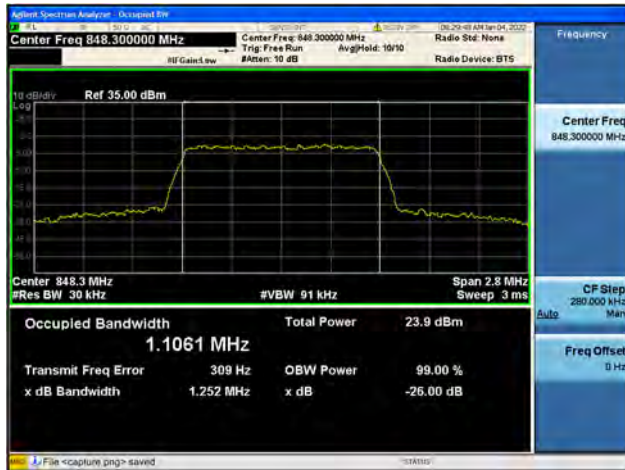
Band5 / 1.4MHz / High CH / QPSK



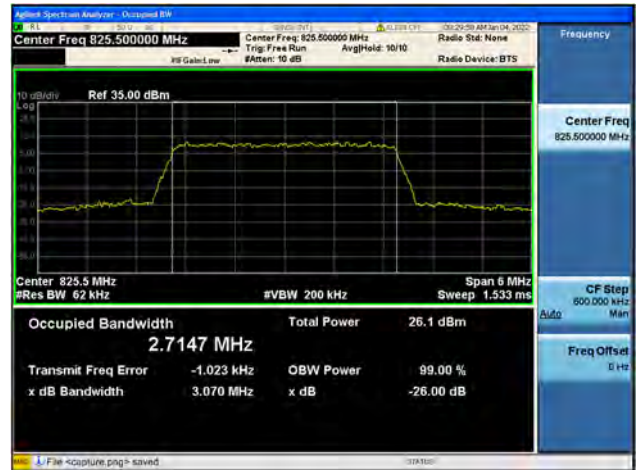
Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM



Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM

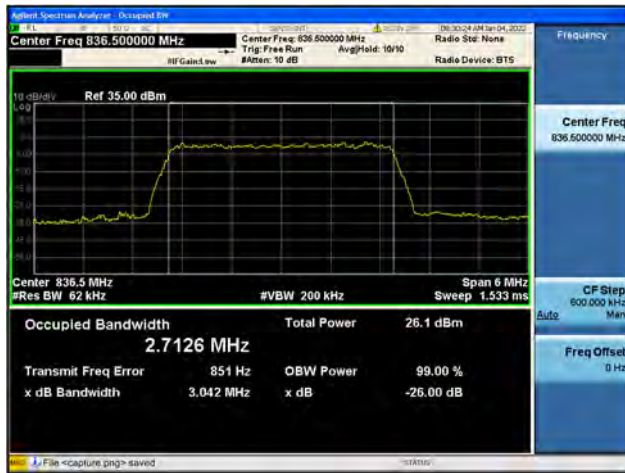


Band5 / 3MHz / Low CH / 64QAM

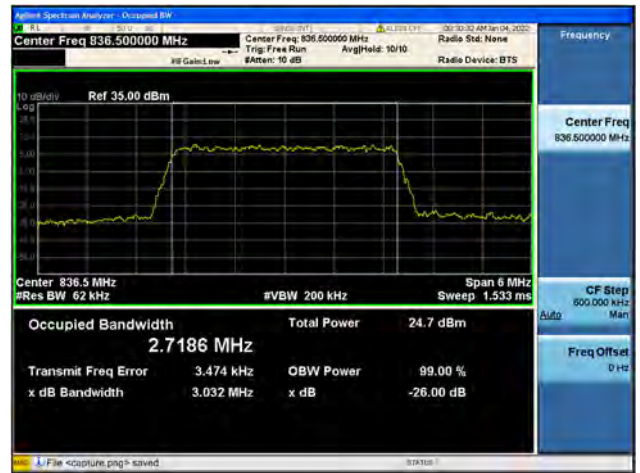




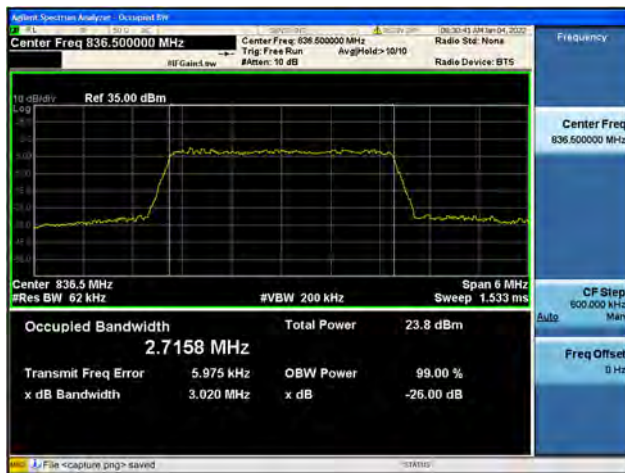
Band5 / 3MHz / Mid CH / QPSK



Band5 / 3MHz / Mid CH / 16QAM



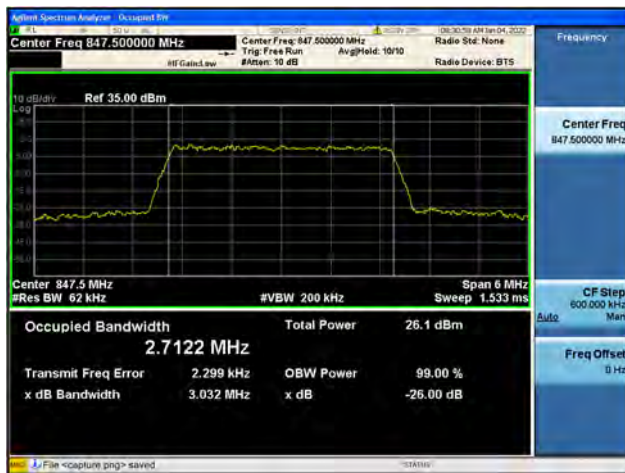
Band5 / 3MHz / Mid CH / 64QAM



Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM



Band5 / 3MHz / High CH / 64QAM





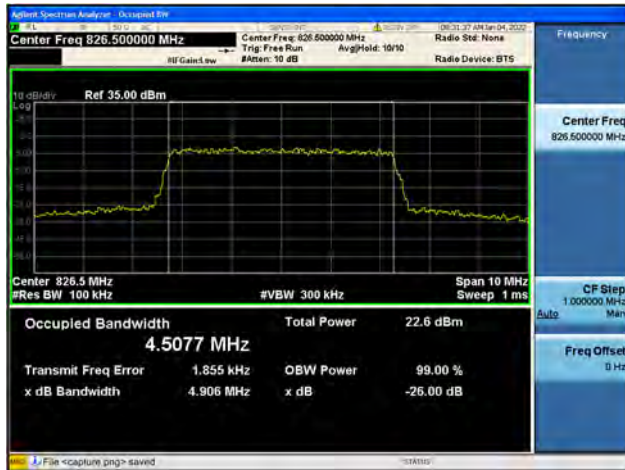
Band5 / 5MHz / Low CH / QPSK



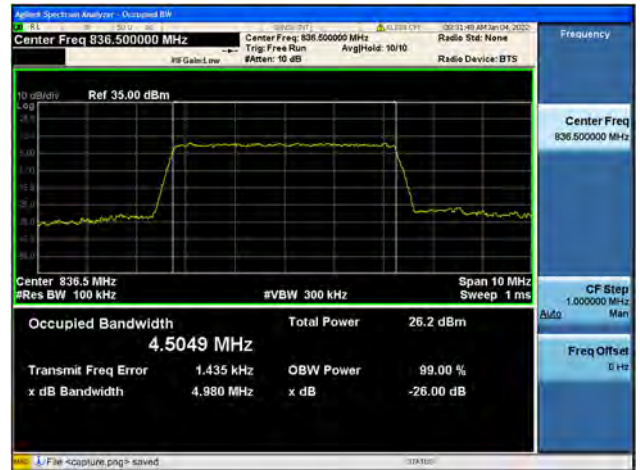
Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Low CH / 64QAM



Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM

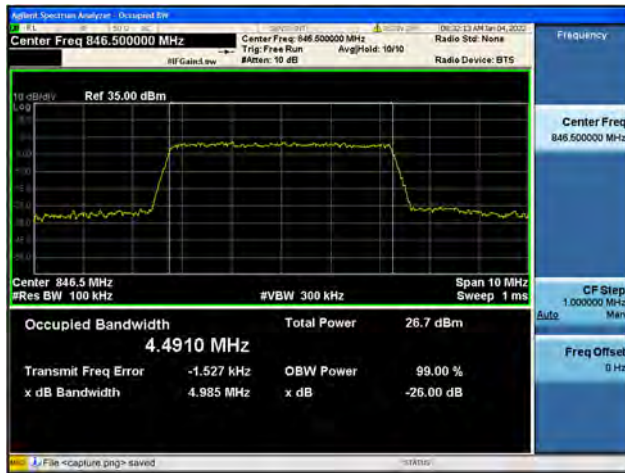


Band5 / 5MHz / Mid CH / 64QAM





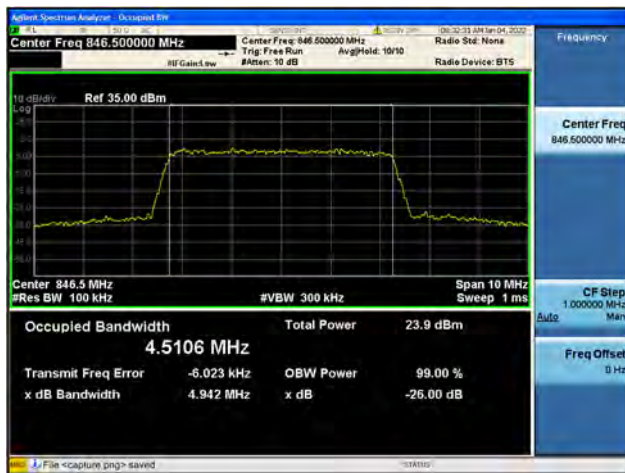
Band5 / 5MHz / High CH / QPSK



Band5 / 5MHz / High CH / 16QAM



Band5 / 5MHz / High CH / 64QAM



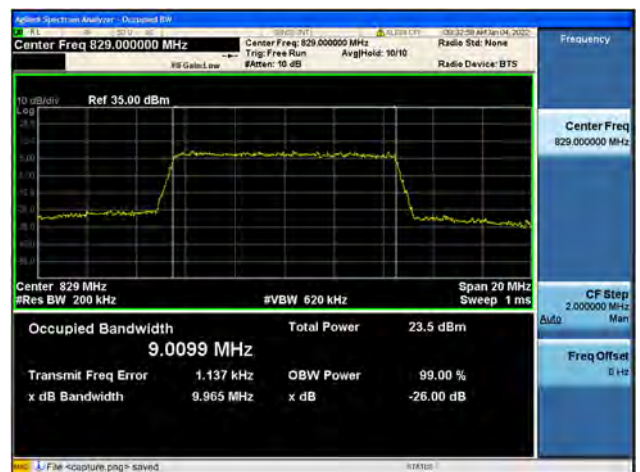
Band5 / 10MHz / Low CH / QPSK



Band5 / 10MHz / Low CH / 16QAM

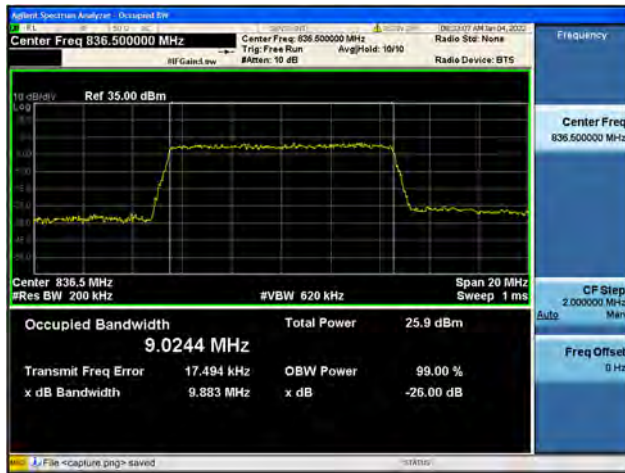


Band5 / 10MHz / Low CH / 64QAM

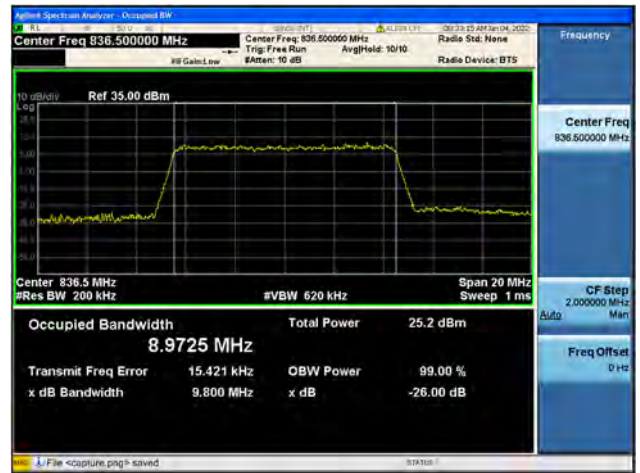




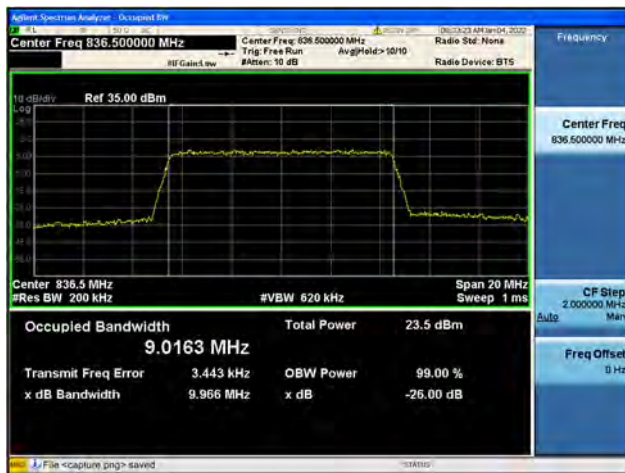
Band5 / 10MHz / Mid CH / QPSK



Band5 / 10MHz / Mid CH / 16QAM



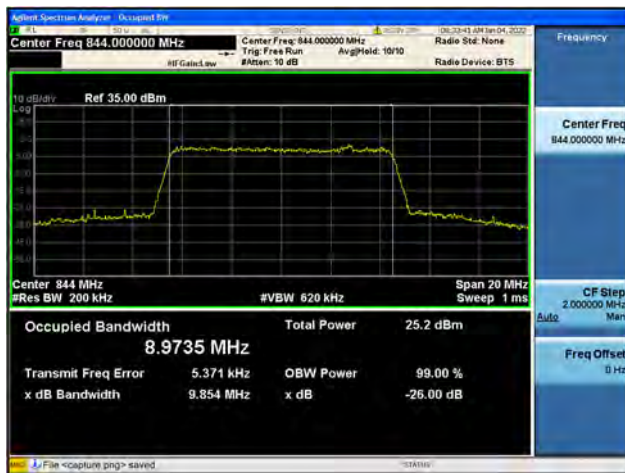
Band5 / 10MHz / Mid CH / 64QAM



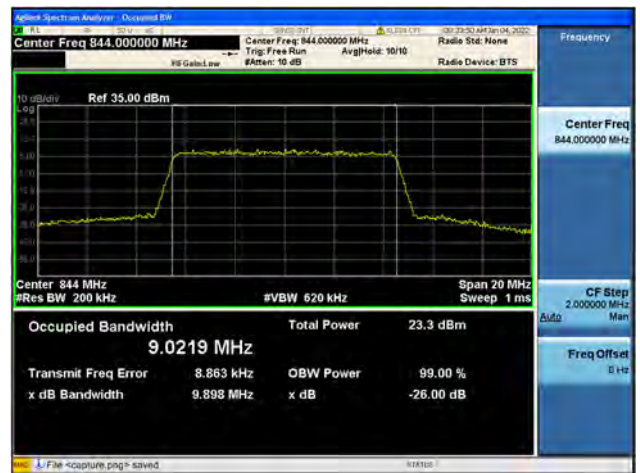
Band5 / 10MHz / High CH / QPSK



Band5 / 10MHz / High CH / 16QAM

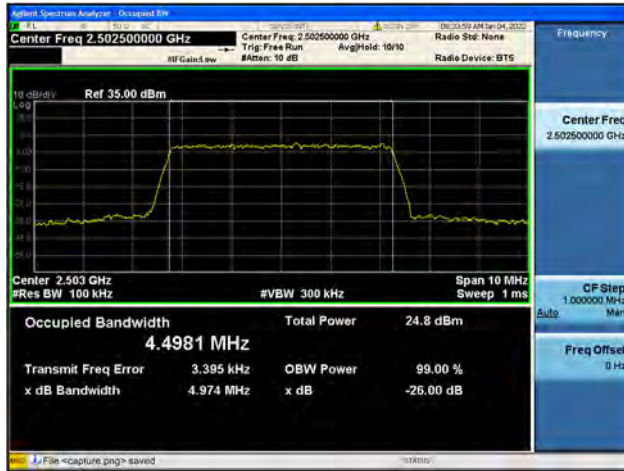


Band5 / 10MHz / High CH / 64QAM

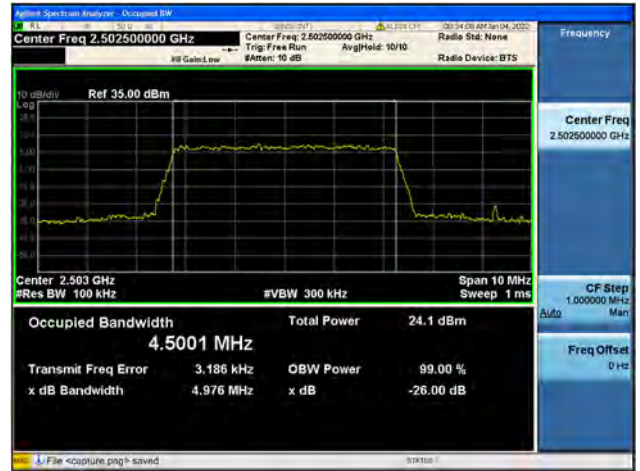




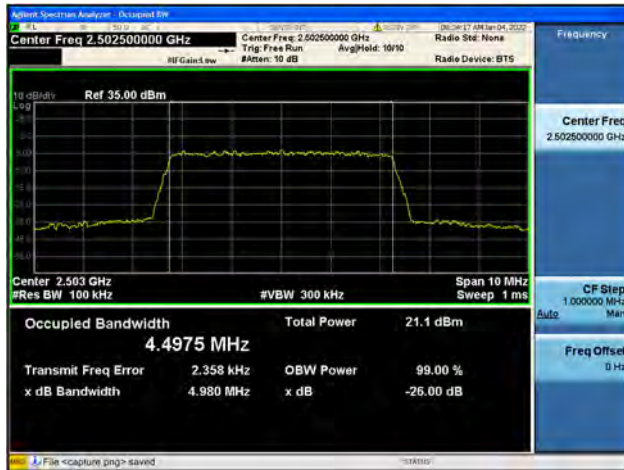
Band7 / 5MHz / Low CH / QPSK



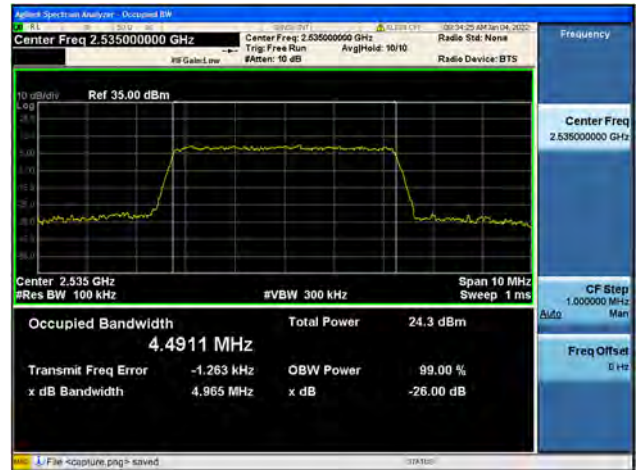
Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Low CH / 64QAM



Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM

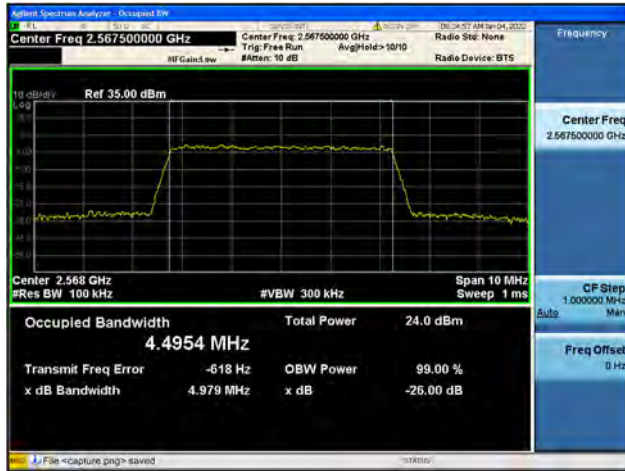


Band7 / 5MHz / Mid CH / 64QAM

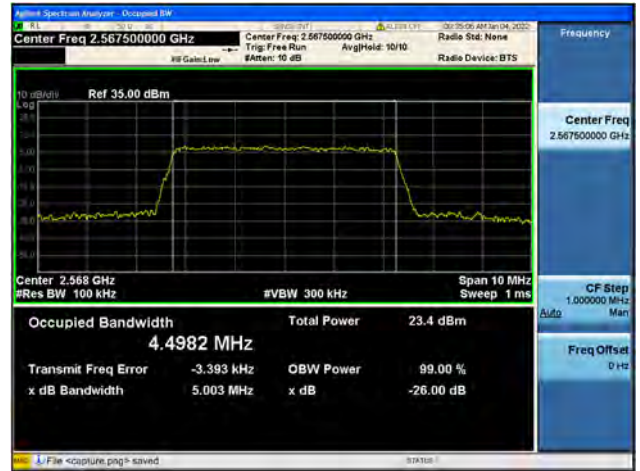




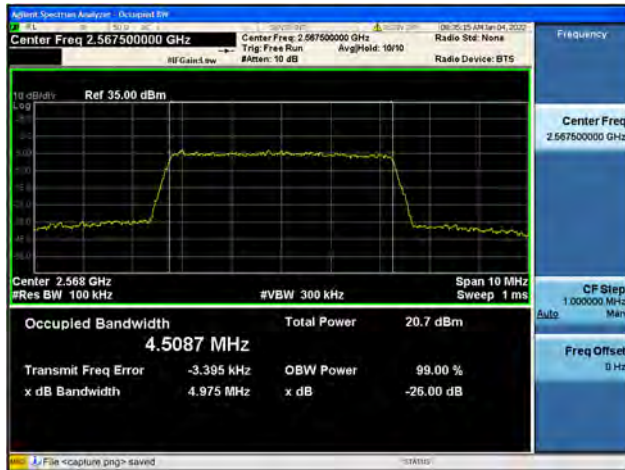
Band7 / 5MHz / High CH / QPSK



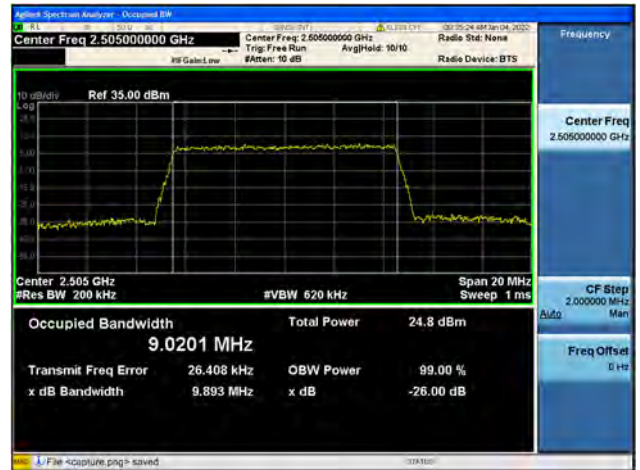
Band7 / 5MHz / High CH / 16QAM



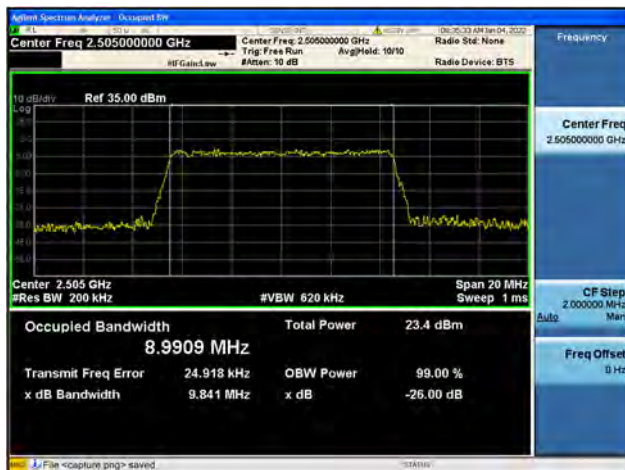
Band7 / 5MHz / High CH / 64QAM



Band7 / 10MHz / Low CH / QPSK



Band7 / 10MHz / Low CH / 16QAM

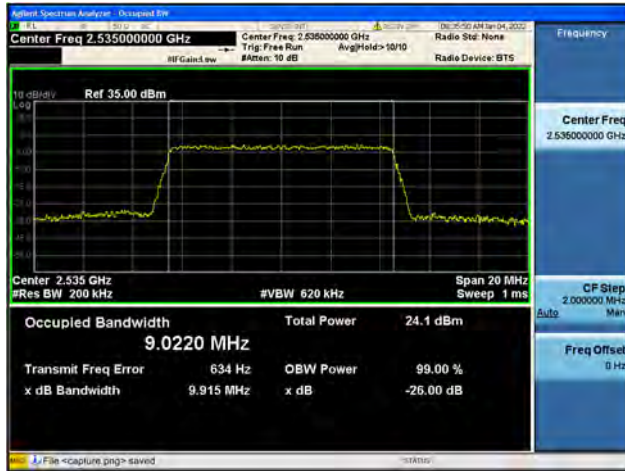


Band7 / 10MHz / Low CH / 64QAM

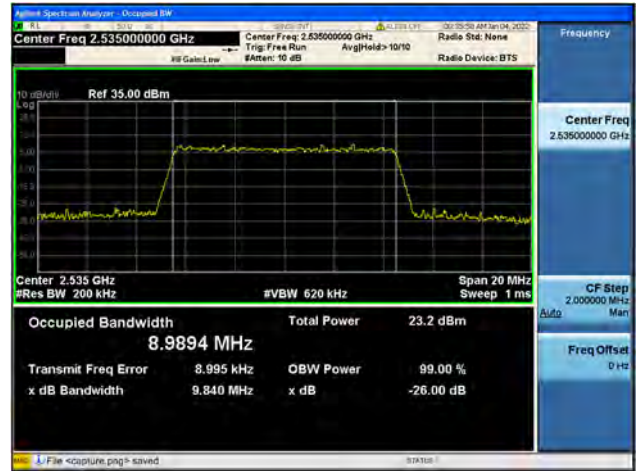




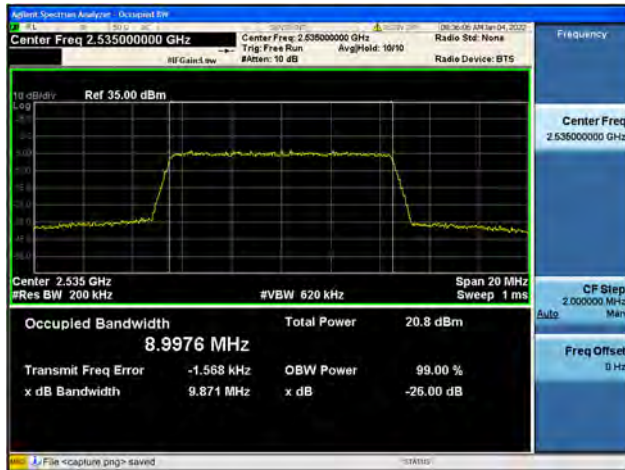
Band7 / 10MHz / Mid CH / QPSK



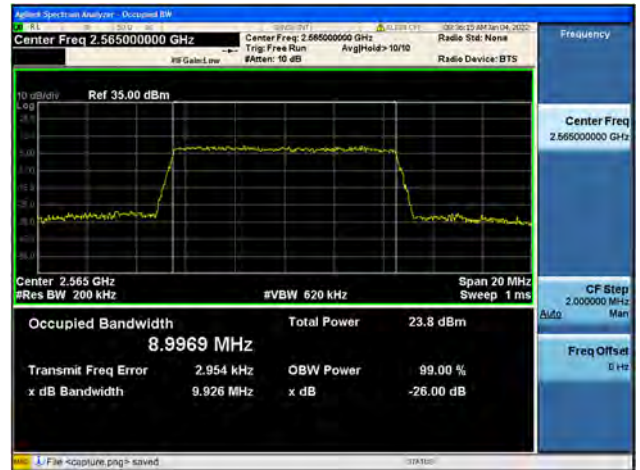
Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / Mid CH / 64QAM



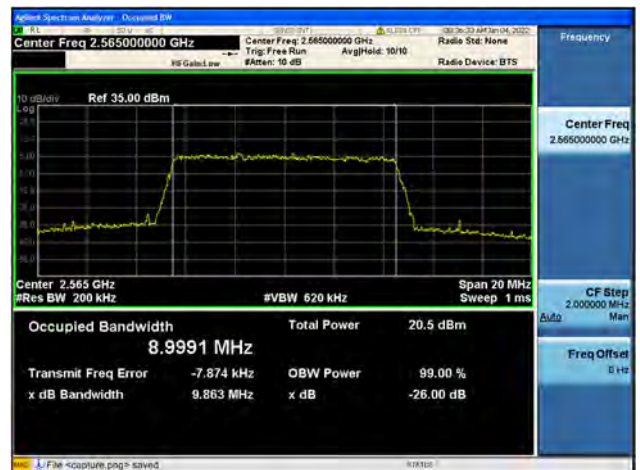
Band7 / 10MHz / High CH / QPSK



Band7 / 10MHz / High CH / 16QAM

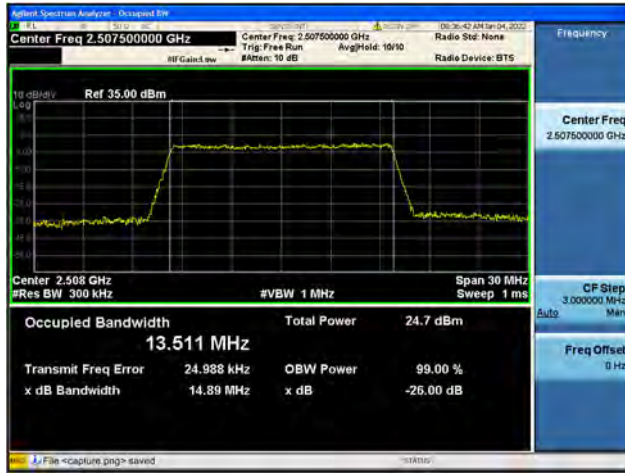


Band7 / 10MHz / High CH / 64QAM

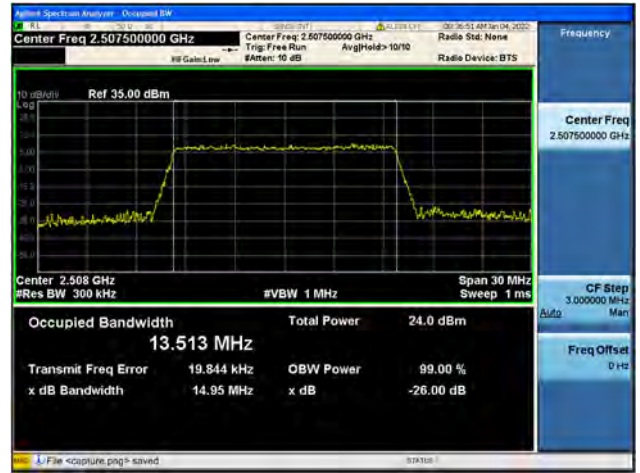




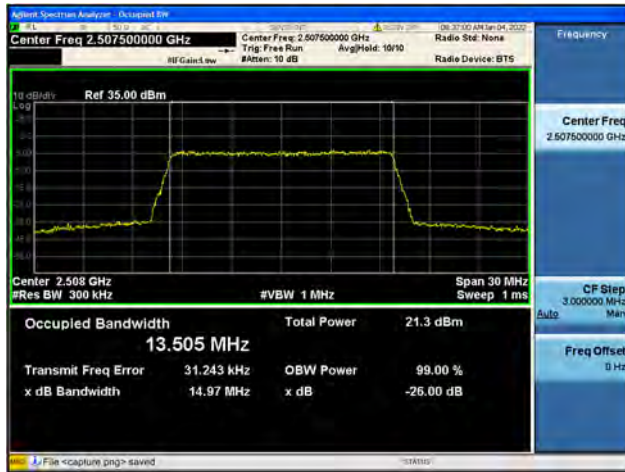
Band7 / 15MHz / Low CH / QPSK



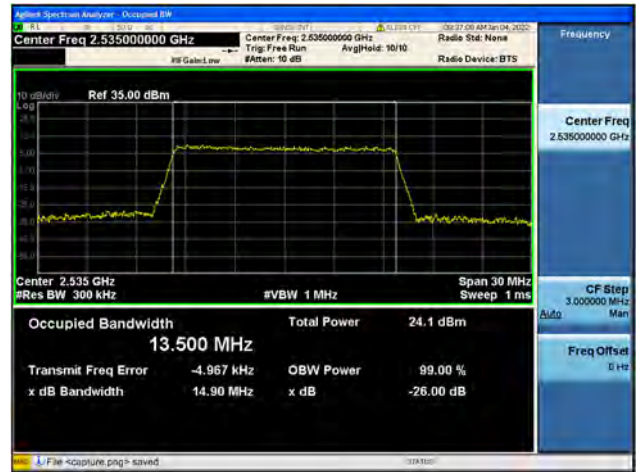
Band7 / 15MHz / Low CH / 16QAM



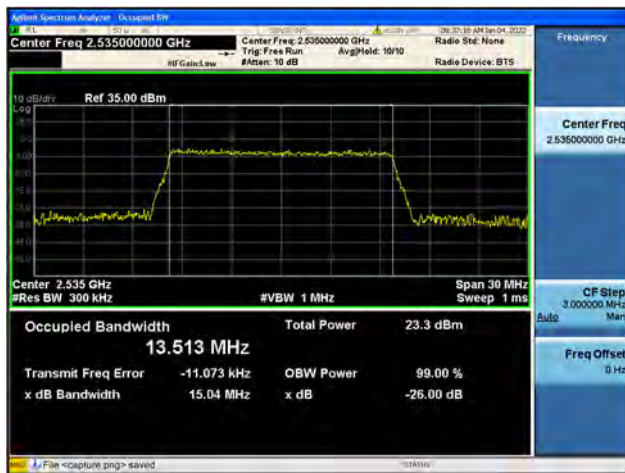
Band7 / 15MHz / Low CH / 64QAM



Band7 / 15MHz / Mid CH / QPSK



Band7 / 15MHz / Mid CH / 16QAM

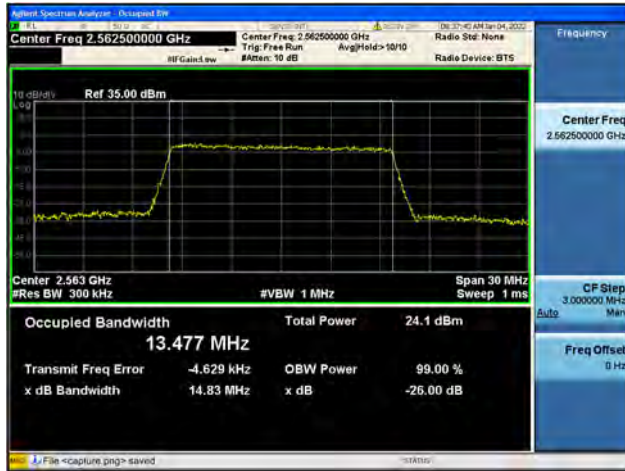


Band7 / 15MHz / Mid CH / 64QAM

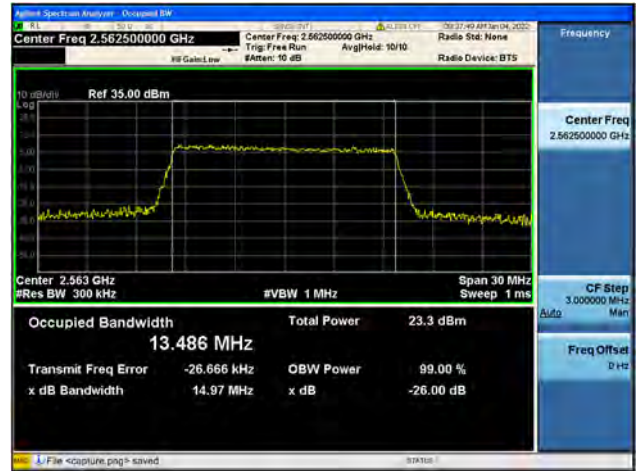




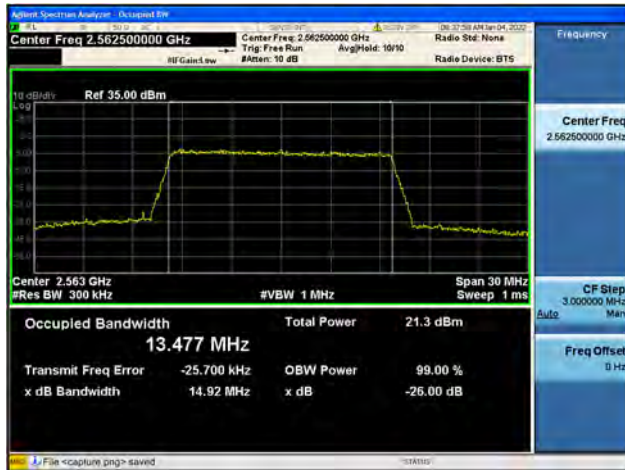
Band7 / 15MHz / High CH / QPSK



Band7 / 15MHz / High CH / 16QAM



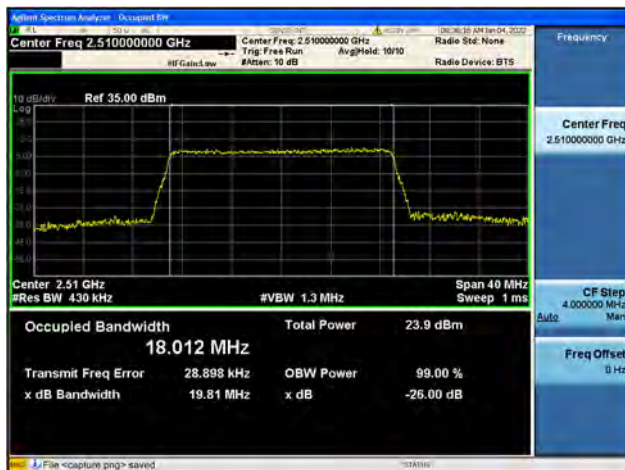
Band7 / 15MHz / High CH / 64QAM



Band7 / 20MHz / Low CH / QPSK



Band7 / 20MHz / Low CH / 16QAM

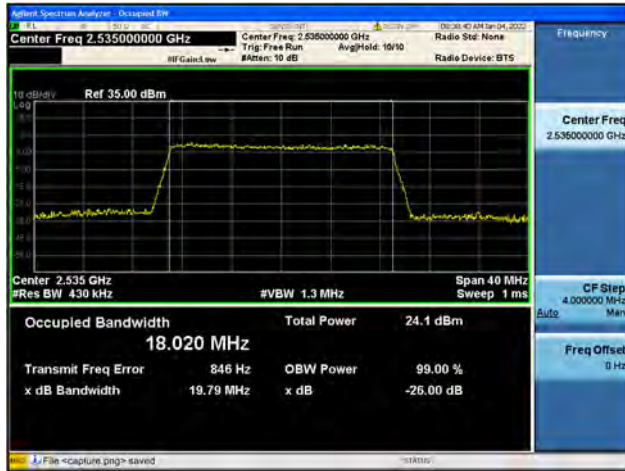


Band7 / 20MHz / Low CH / 64QAM

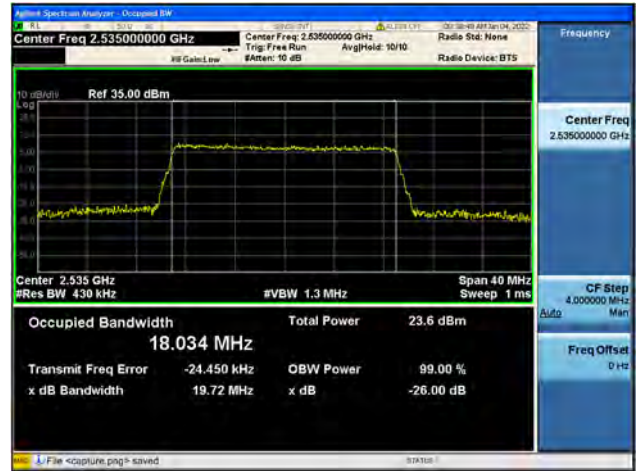




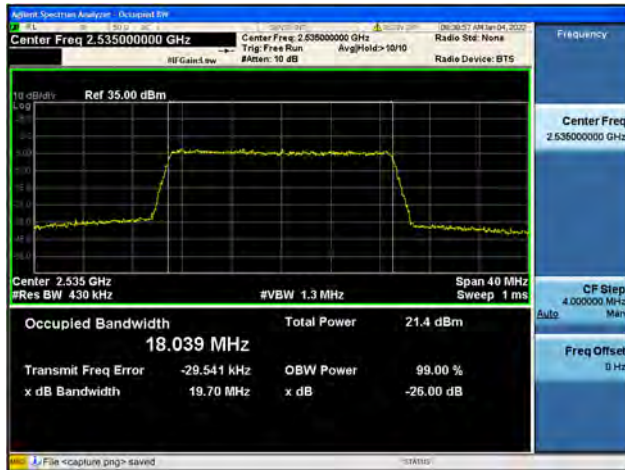
Band7 / 20MHz / Mid CH / QPSK



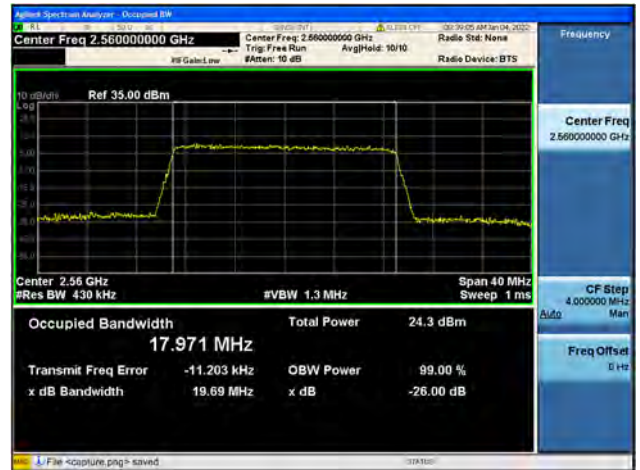
Band7 / 20MHz / Mid CH / 16QAM



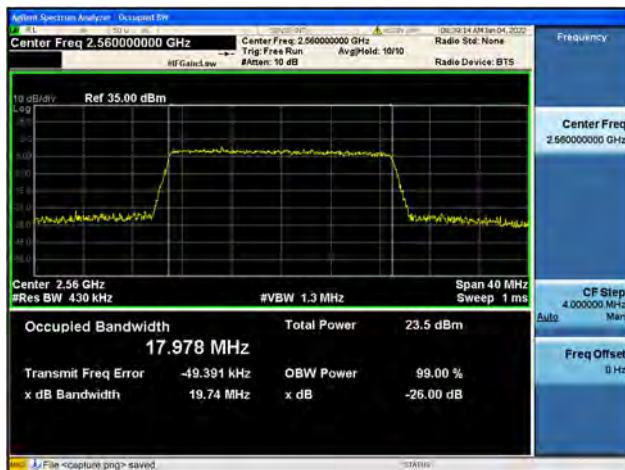
Band7 / 20MHz / Mid CH / 64QAM



Band7 / 20MHz / High CH / QPSK



Band7 / 20MHz / High CH / 16QAM

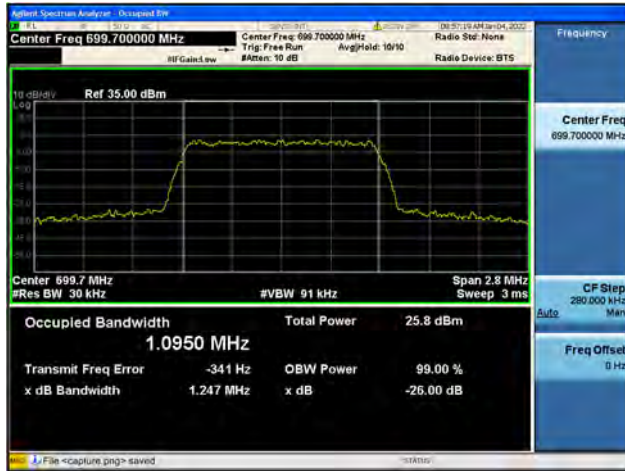


Band7 / 20MHz / High CH / 64QAM

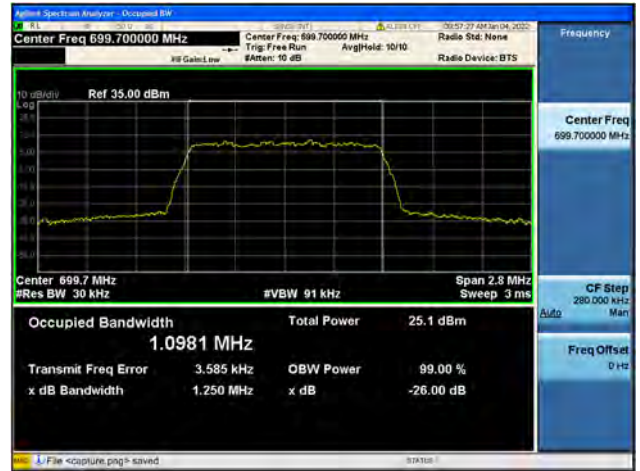




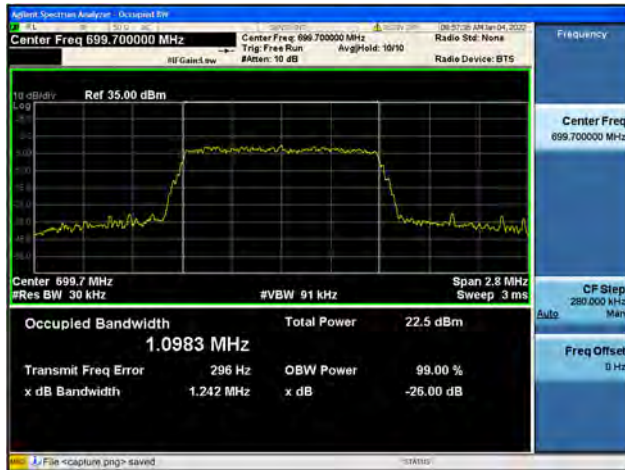
Band12 / 1.4MHz / Low CH / QPSK



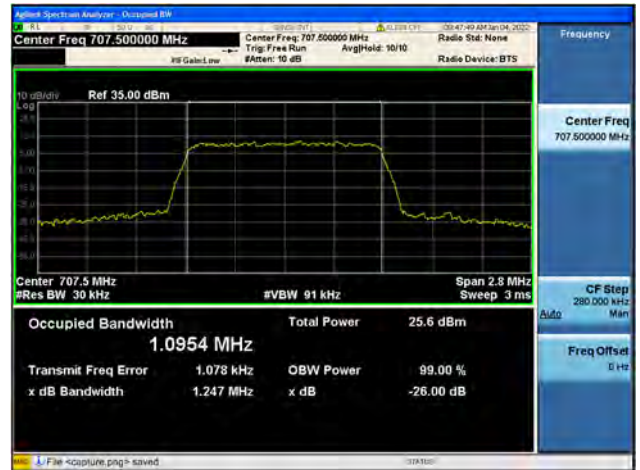
Band12 / 1.4MHz / Low CH / 16QAM



Band12 / 1.4MHz / Low CH / 64QAM



Band12 / 1.4MHz / Mid CH / QPSK

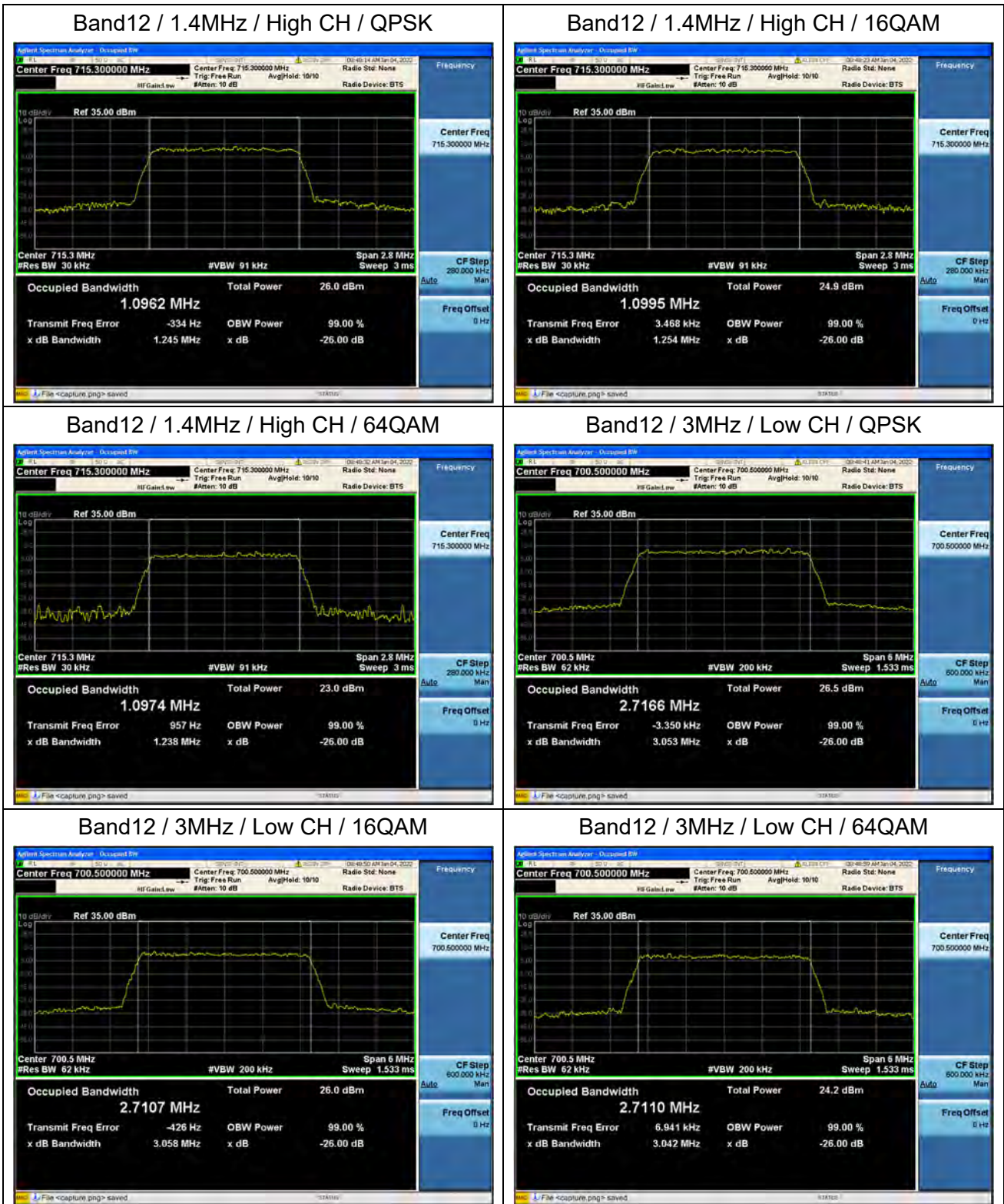


Band12 / 1.4MHz / Mid CH / 16QAM



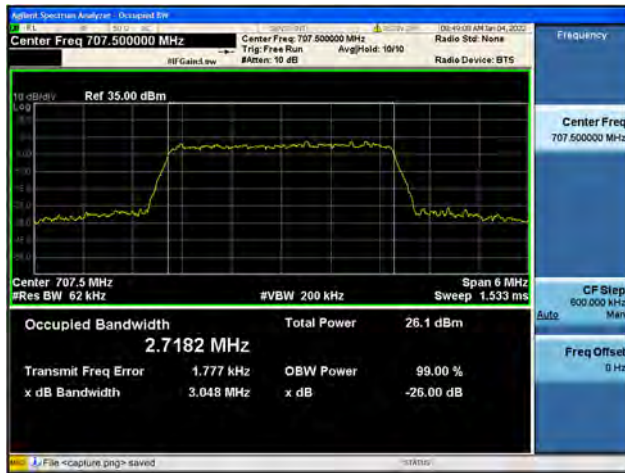
Band12 / 1.4MHz / Mid CH / 64QAM







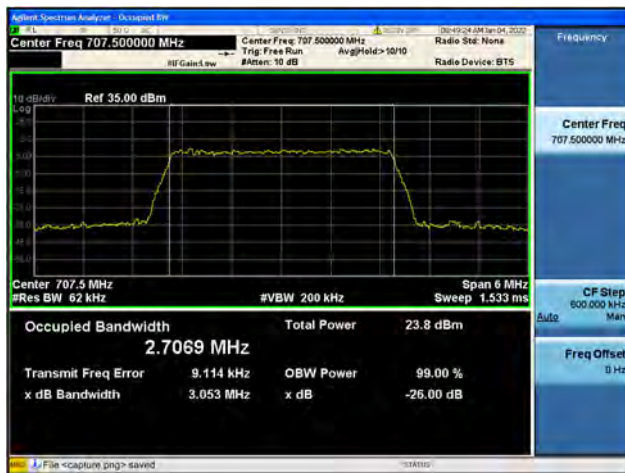
Band12 / 3MHz / Mid CH / QPSK



Band12 / 3MHz / Mid CH / 16QAM



Band12 / 3MHz / Mid CH / 64QAM



Band12 / 3MHz / High CH / QPSK



Band12 / 3MHz / High CH / 16QAM

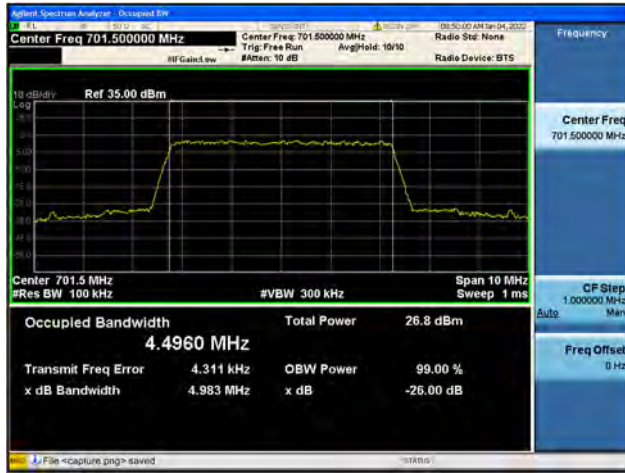


Band12 / 3MHz / High CH / 64QAM

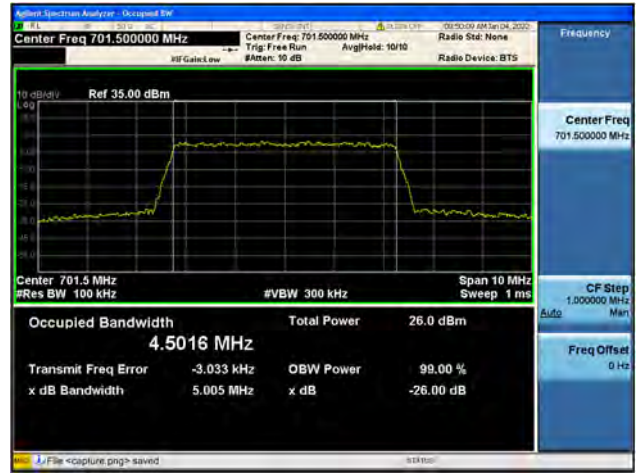




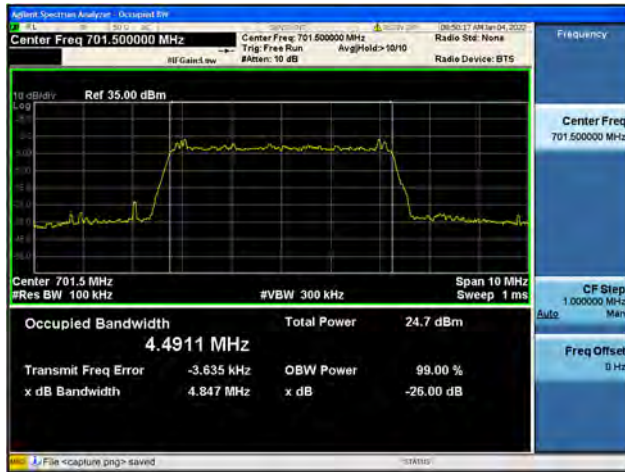
Band12 / 5MHz / Low CH / QPSK



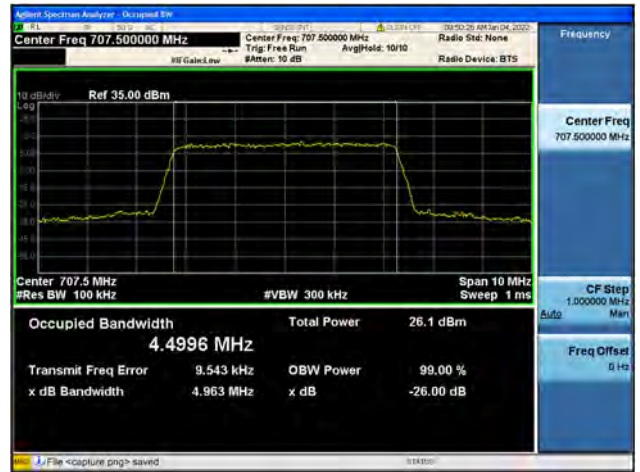
Band12 / 5MHz / Low CH / 16QAM



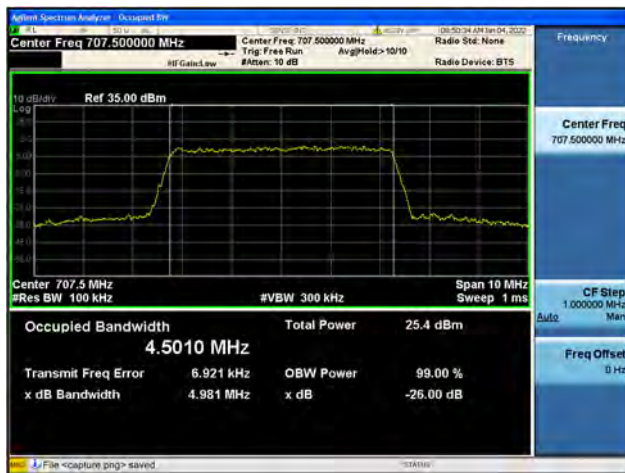
Band12 / 5MHz / Low CH / 64QAM



Band12 / 5MHz / Mid CH / QPSK



Band12 / 5MHz / Mid CH / 16QAM

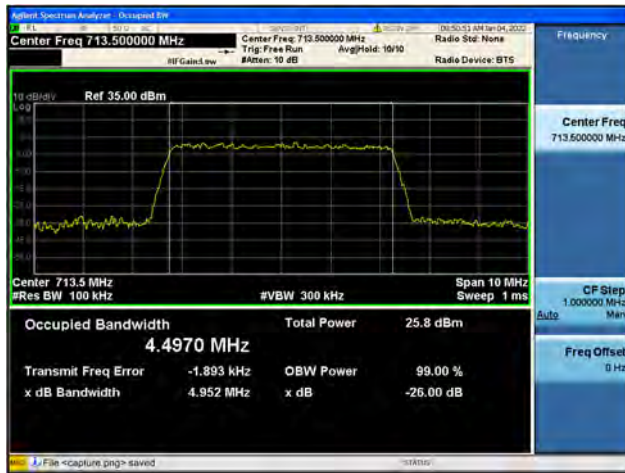


Band12 / 5MHz / Mid CH / 64QAM

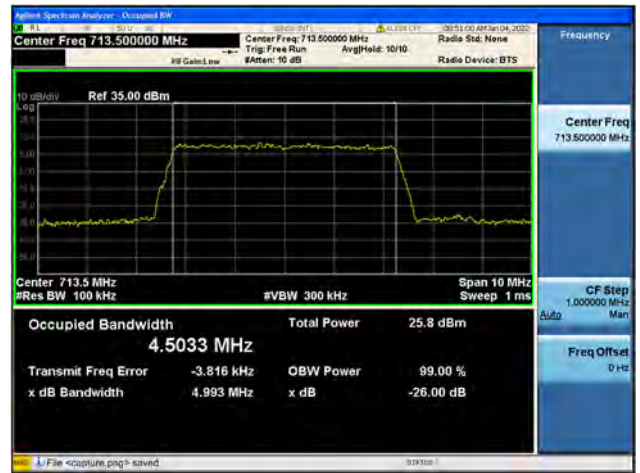




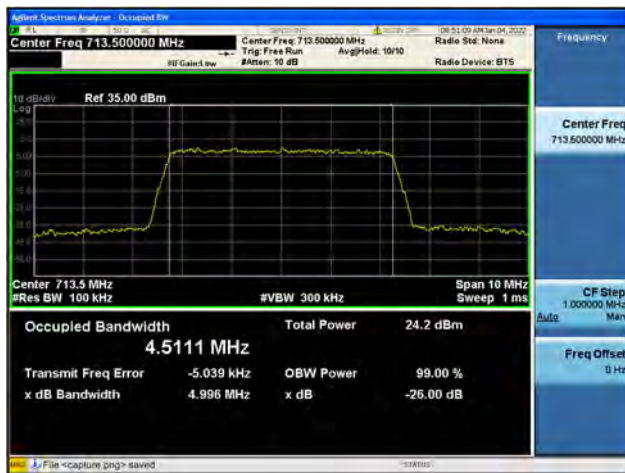
Band12 / 5MHz / High CH / QPSK



Band12 / 5MHz / High CH / 16QAM



Band12 / 5MHz / High CH / 64QAM



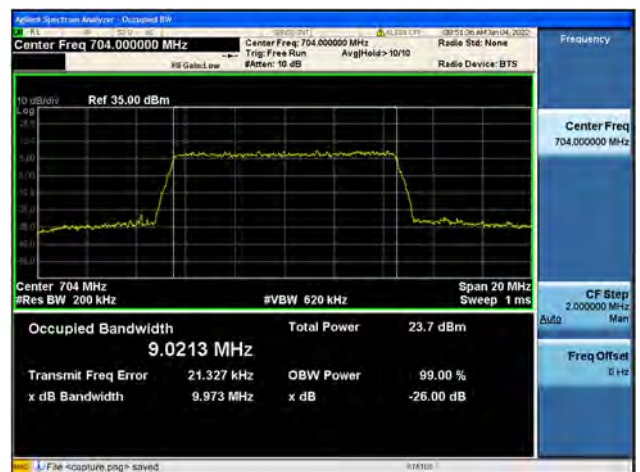
Band12 / 10MHz / Low CH / QPSK



Band12 / 10MHz / Low CH / 16QAM

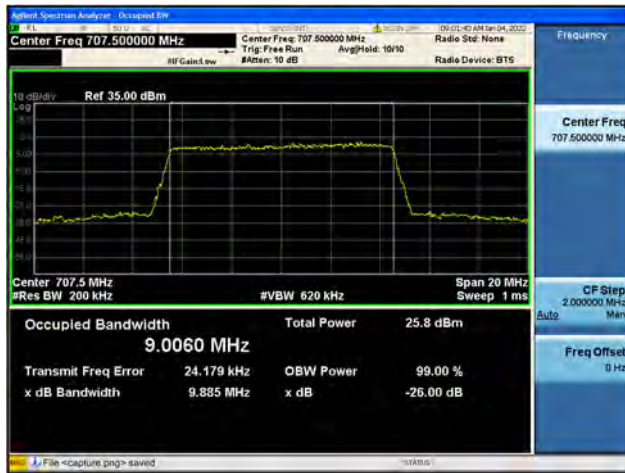


Band12 / 10MHz / Low CH / 64QAM

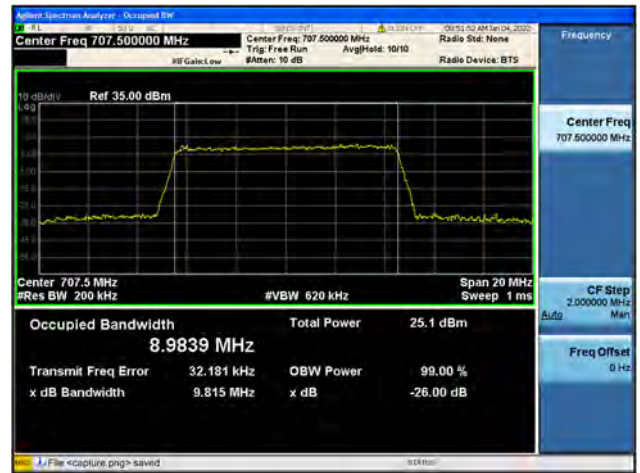




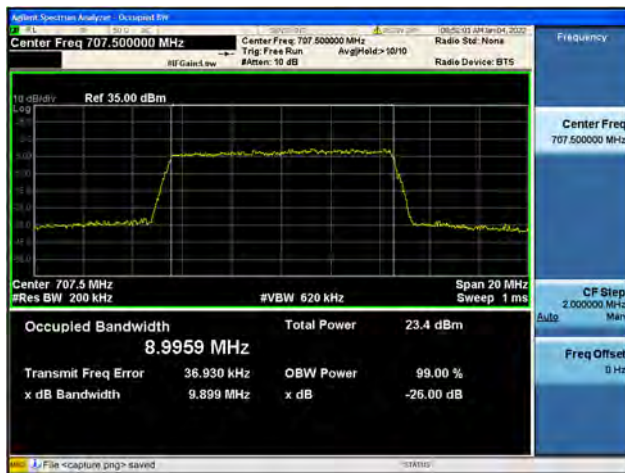
Band12 / 10MHz / Mid CH / QPSK



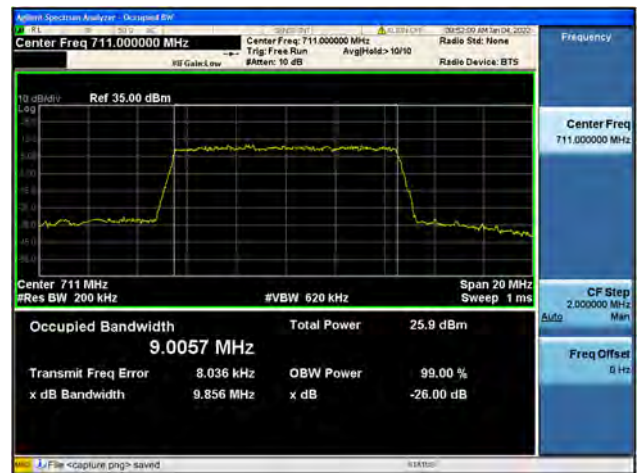
Band12 / 10MHz / Mid CH / 16QAM



Band12 / 10MHz / Mid CH / 64QAM



Band12 / 10MHz / High CH / QPSK



Band12 / 10MHz / High CH / 16QAM

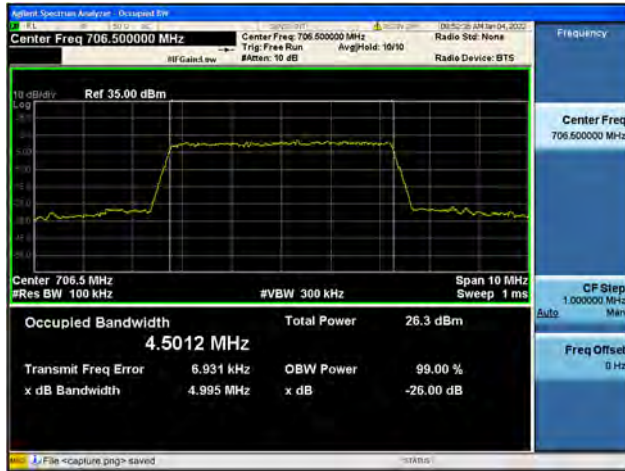


Band12 / 10MHz / High CH / 64QAM





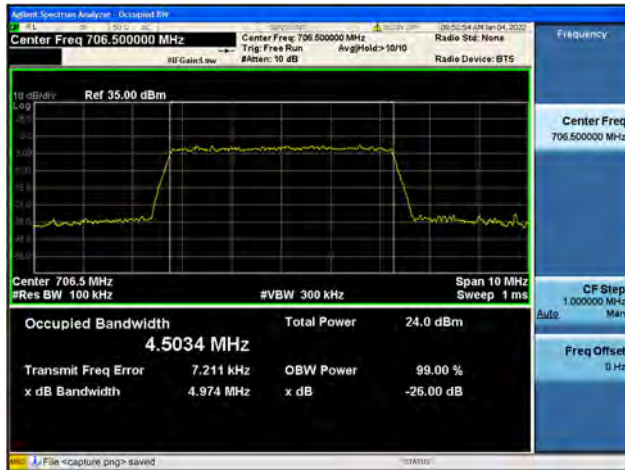
Band17 / 5MHz / Low CH / QPSK



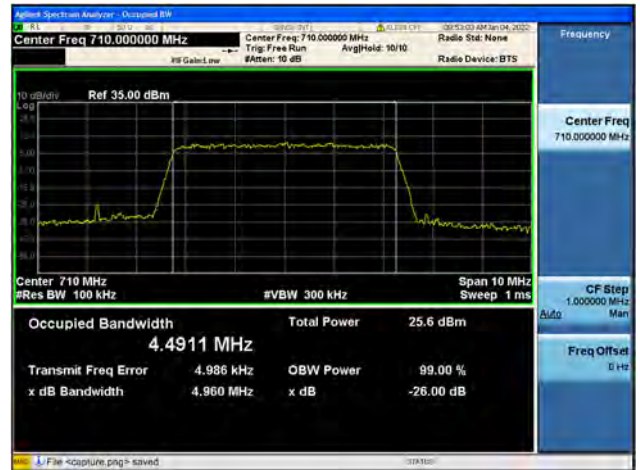
Band17 / 5MHz / Low CH / 16QAM



Band17 / 5MHz / Low CH / 64QAM



Band17 / 5MHz / Mid CH / QPSK



Band17 / 5MHz / Mid CH / 16QAM

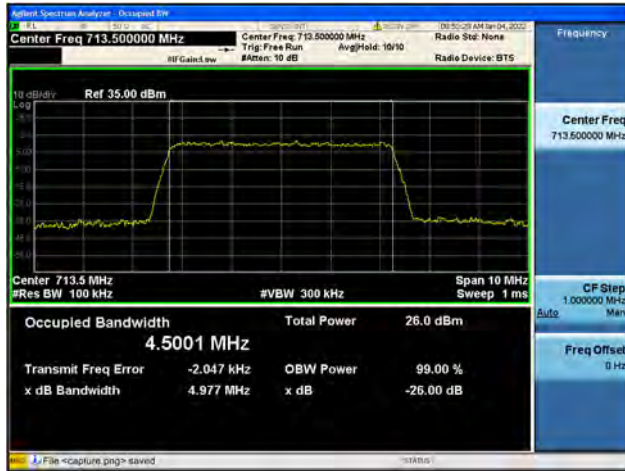


Band17 / 5MHz / Mid CH / 64QAM





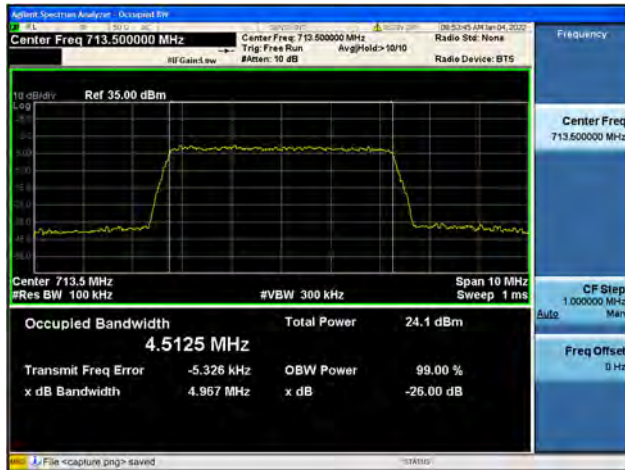
Band17 / 5MHz / High CH / QPSK



Band17 / 5MHz / High CH / 16QAM



Band17 / 5MHz / High CH / 64QAM



Band17 / 10MHz / Low CH / QPSK



Band17 / 10MHz / Low CH / 16QAM



Band17 / 10MHz / Low CH / 64QAM





Band17 / 10MHz / Mid CH / QPSK



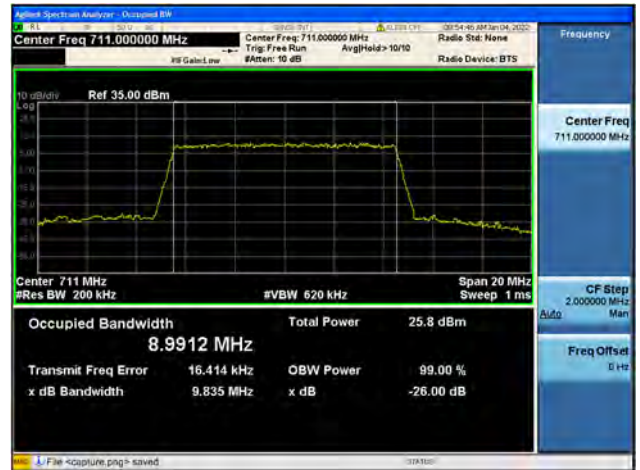
Band17 / 10MHz / Mid CH / 16QAM



Band17 / 10MHz / Mid CH / 64QAM



Band17 / 10MHz / High CH / QPSK



Band17 / 10MHz / High CH / 16QAM



Band17 / 10MHz / High CH / 64QAM

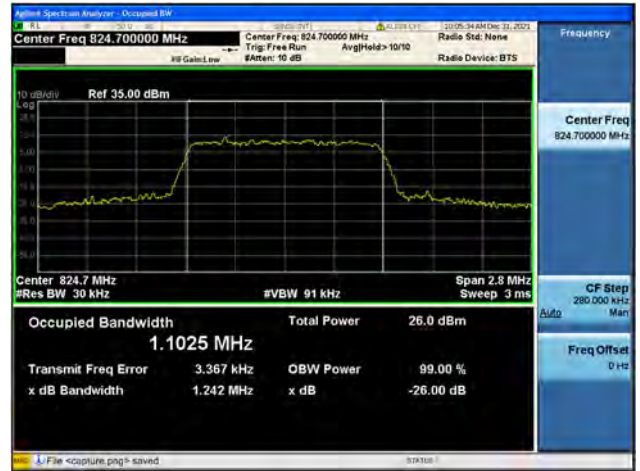




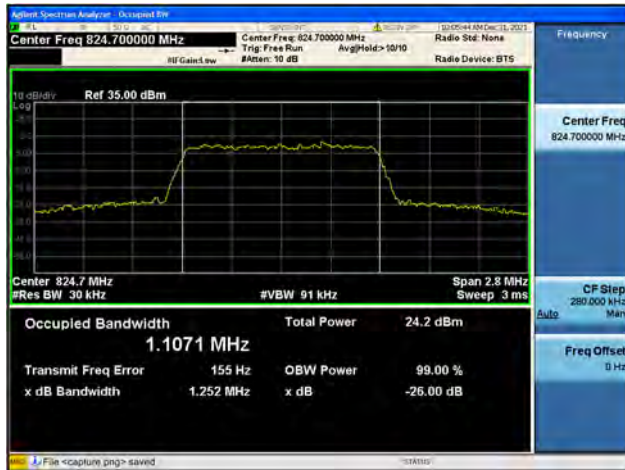
Band26 / 1.4MHz / Low CH / QPSK



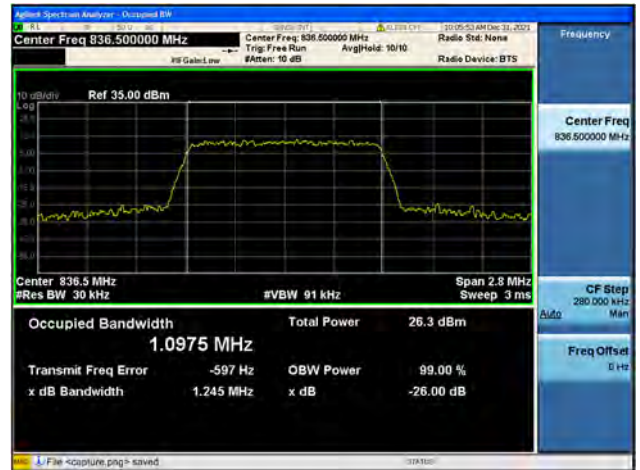
Band26 / 1.4MHz / Low CH / 16QAM



Band26 / 1.4MHz / Low CH / 64QAM



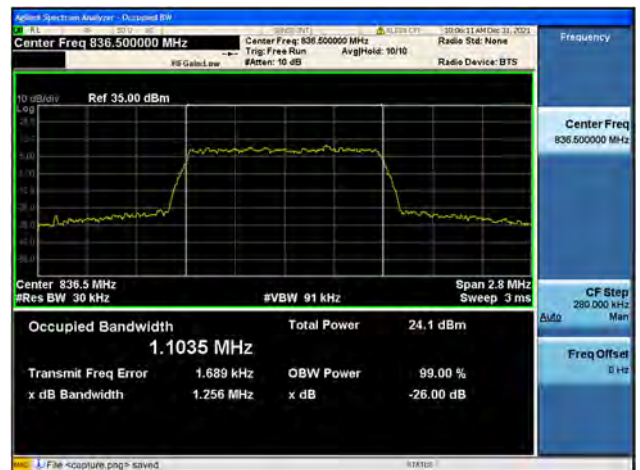
Band26 / 1.4MHz / Mid CH / QPSK



Band26 / 1.4MHz / Mid CH / 16QAM



Band26 / 1.4MHz / Mid CH / 64QAM

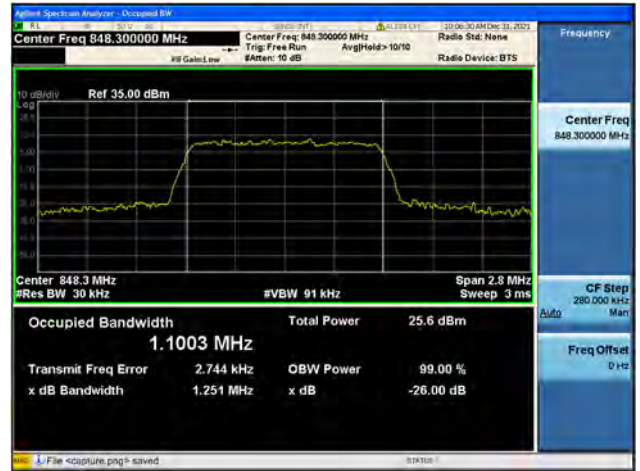




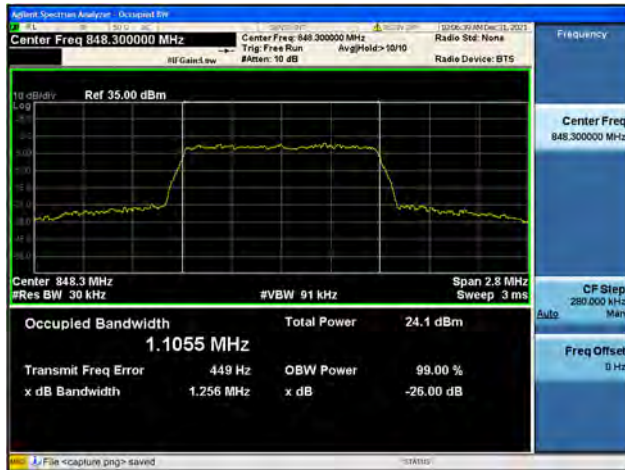
Band26 / 1.4MHz / High CH / QPSK



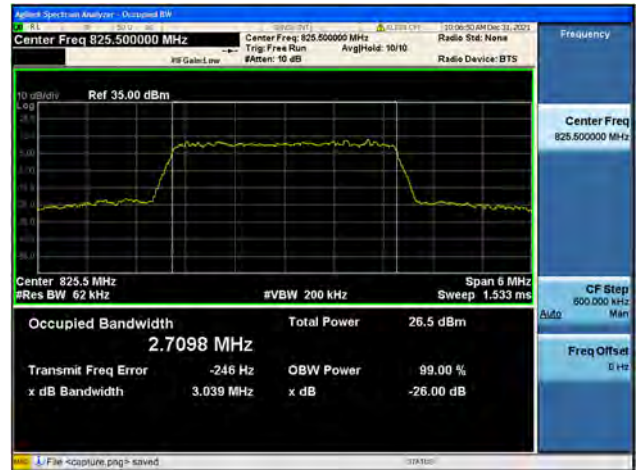
Band26 / 1.4MHz / High CH / 16QAM



Band26 / 1.4MHz / High CH / 64QAM



Band26 / 3MHz / Low CH / QPSK



Band26 / 3MHz / Low CH / 16QAM

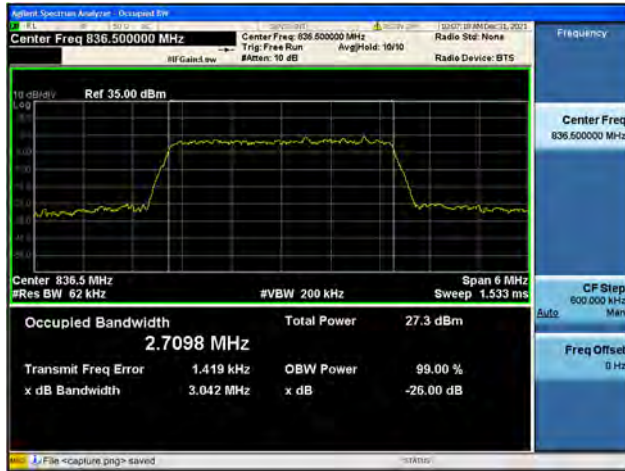


Band26 / 3MHz / Low CH / 64QAM





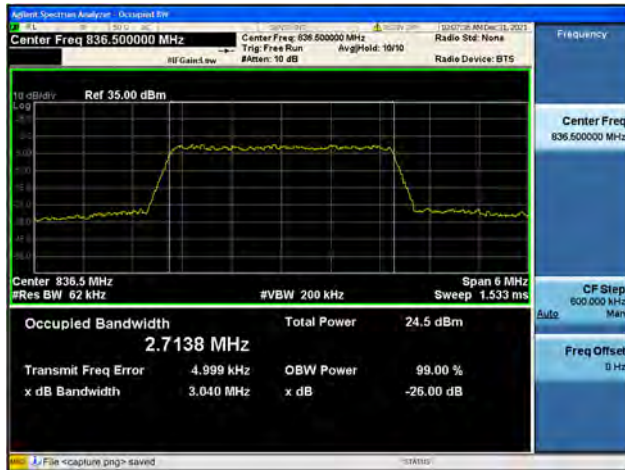
Band26 / 3MHz / Mid CH / QPSK



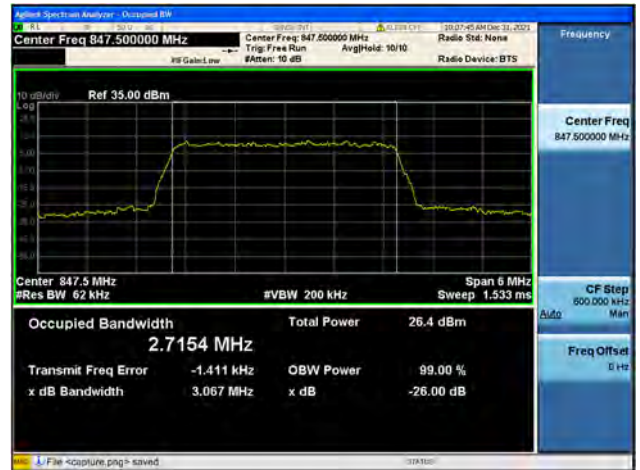
Band26 / 3MHz / Mid CH / 16QAM



Band26 / 3MHz / Mid CH / 64QAM



Band26 / 3MHz / High CH / QPSK



Band26 / 3MHz / High CH / 16QAM

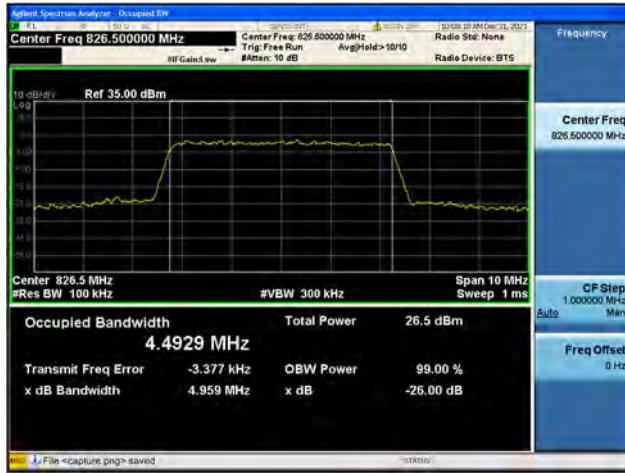


Band26 / 3MHz / High CH / 64QAM





Band26 / 5MHz / Low CH / QPSK



Band26 / 5MHz / Low CH / 16QAM



Band26 / 5MHz / Low CH / 64QAM



Band26 / 5MHz / Mid CH / QPSK



Band26 / 5MHz / Mid CH / 16QAM



Band26 / 5MHz / Mid CH / 64QAM





Band26 / 5MHz / High CH / QPSK



Band26 / 5MHz / High CH / 16QAM



Band26 / 5MHz / High CH / 64QAM



Band26 / 10MHz / Low CH / QPSK



Band26 / 10MHz / Low CH / 16QAM

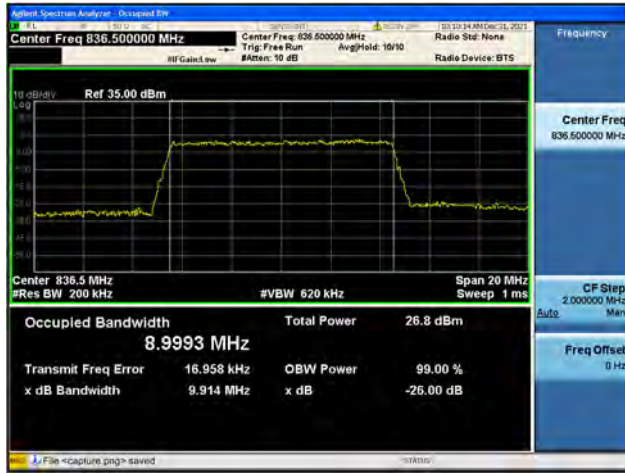


Band26 / 10MHz / Low CH / 64QAM





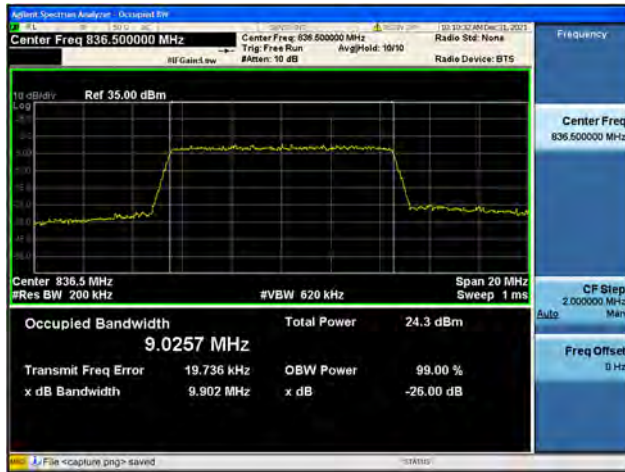
Band26 / 10MHz / Mid CH / QPSK



Band26 / 10MHz / Mid CH / 16QAM



Band26 / 10MHz / Mid CH / 64QAM



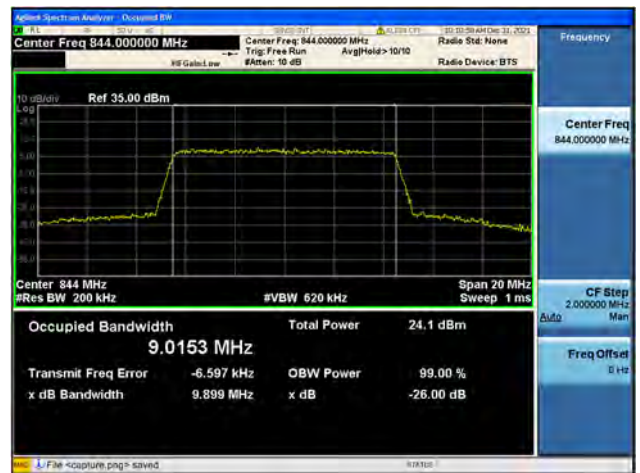
Band26 / 10MHz / High CH / QPSK



Band26 / 10MHz / High CH / 16QAM

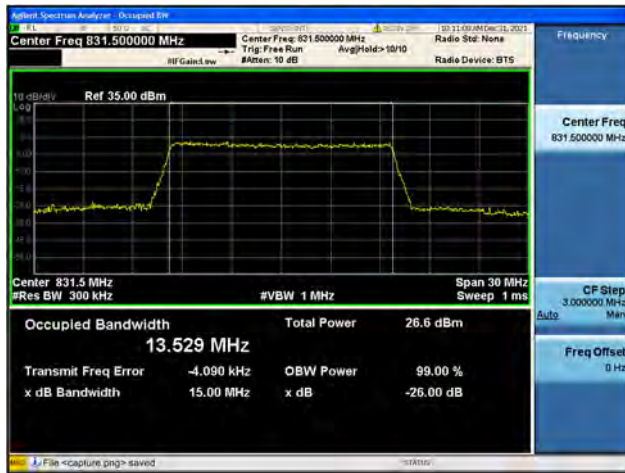


Band26 / 10MHz / High CH / 64QAM

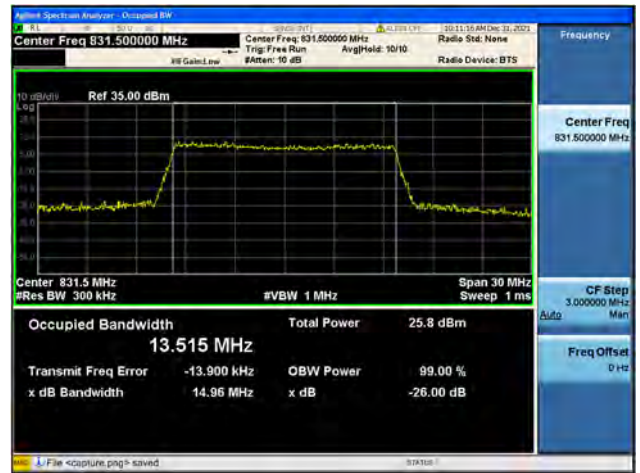




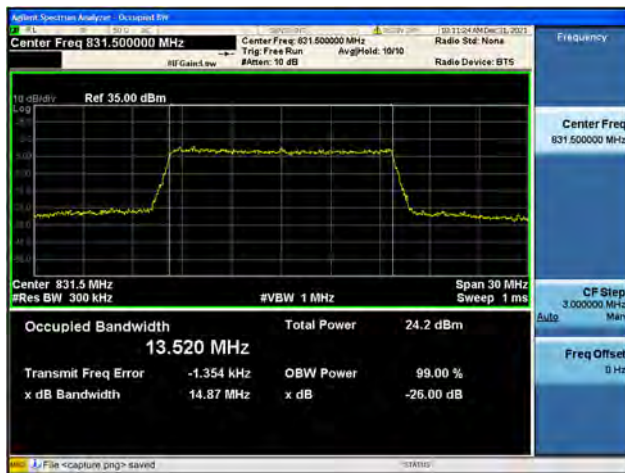
Band26 / 15MHz / Low CH / QPSK



Band26 / 15MHz / Low CH / 16QAM



Band26 / 15MHz / Low CH / 64QAM



Band26 / 15MHz / Mid CH / QPSK



Band26 / 15MHz / Mid CH / 16QAM

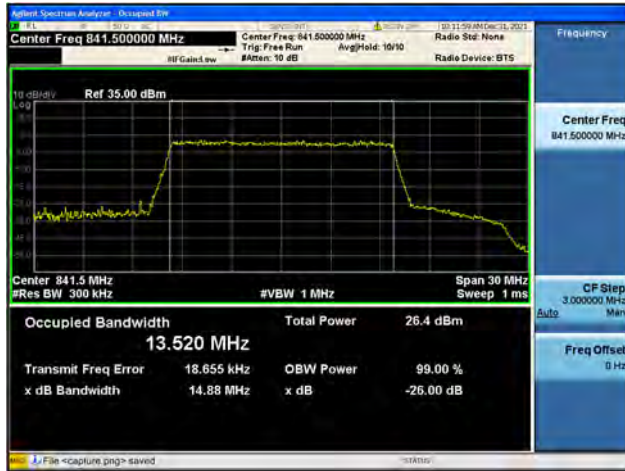


Band26 / 15MHz / Mid CH / 64QAM





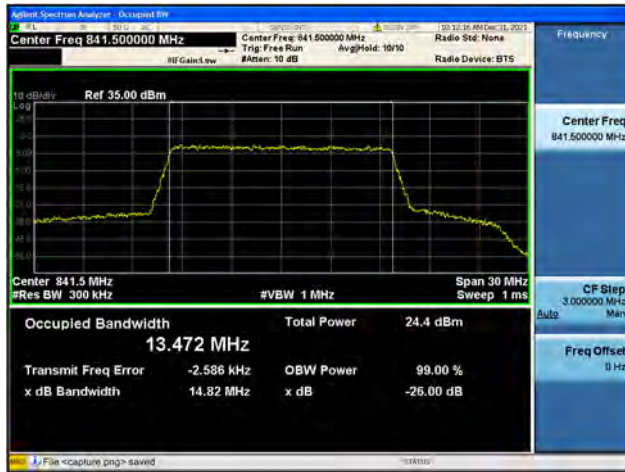
Band26 / 15MHz / High CH / QPSK



Band26 / 15MHz / High CH / 16QAM

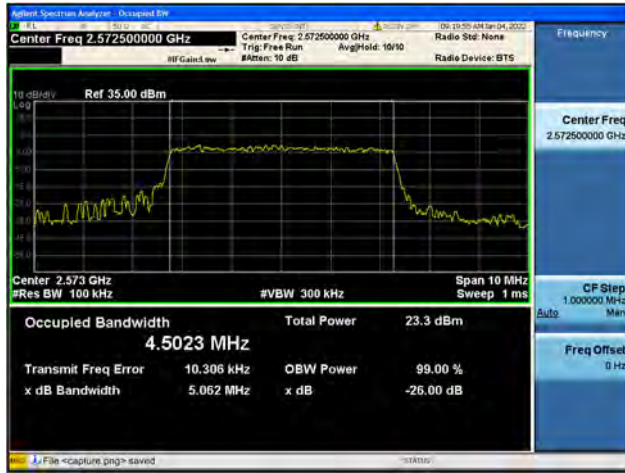


Band26 / 15MHz / High CH / 64QAM





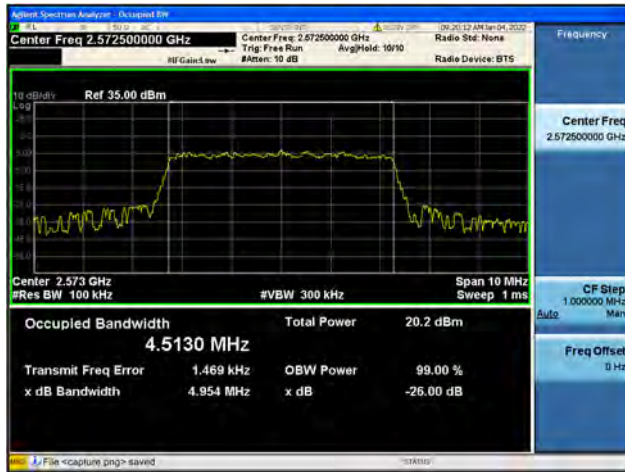
Band38 / 5MHz / Low CH / QPSK



Band38 / 5MHz / Low CH / 16QAM



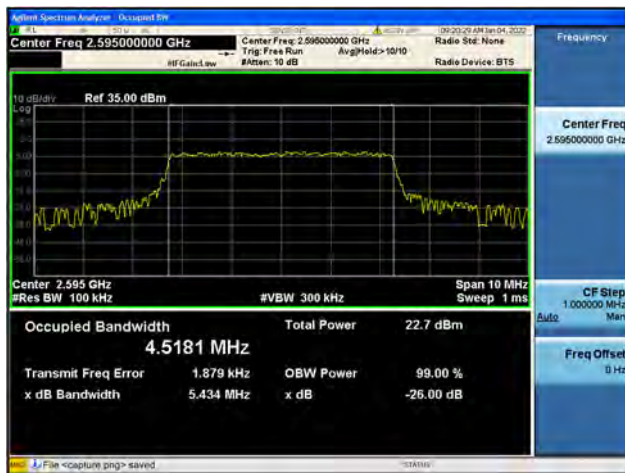
Band38 / 5MHz / Low CH / 64QAM



Band38 / 5MHz / Mid CH / QPSK



Band38 / 5MHz / Mid CH / 16QAM



Band38 / 5MHz / Mid CH / 64QAM

