



TEST REPORT

APPLICANT : You Tec Ltd

PRODUCT NAME : Smartphone

MODEL NAME : X3

BRAND NAME : STK

FCC ID : 2A2KI-STKX3

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

RECEIPT DATE : 2021-06-18

TEST DATE : 2021-06-25 to 2021-07-28

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| Change History | | |
|----------------|------------|-------------------|
| Version | Date | Reason for change |
| 1.0 | 2021-08-09 | First edition |
| | | |



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

| | |
|------------------------------|---|
| Applicant: | You Tec Ltd |
| Applicant Address: | Santok House Unit L, Braintree Industrial Estate, Braintree Road, South Ruislip, Middlesex, United Kingdom, HA4 0EJ |
| Manufacturer: | You Tec Ltd |
| Manufacturer Address: | Santok House Unit L, Braintree Industrial Estate, Braintree Road, South Ruislip, Middlesex, United Kingdom, HA4 0EJ |

1.2. Equipment Under Test (EUT) Description

| | | |
|--------------------------|---|---------------------|
| Product Name: | Smartphone | |
| Sample No.: | 8# | |
| Hardware Version: | STKX3XW1 | |
| Software Version: | SW2_V1.6_HW1_V.1_DSVLTEEU_SIG_240721 | |
| Modulation Type: | QPSK, 16QAM | |
| Operation Band: | Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 25 / 26 / 29 / 30 / 40 / 41 / 66 / 71 | |
| Power Class: | Class 3 | |
| 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 |
| Frequency Range: | LTE Band 7 | Tx: 2500MHz–2570MHz |
| | | Rx: 2620MHz–2690MHz |
| | LTE Band 12 | Tx: 699MHz–716MHz |
| | | Rx: 729MHz–746MHz |
| | LTE Band 13 | Tx: 777MHz–787MHz |
| | | Rx: 746MHz–756MHz |
| | LTE Band 17 | Tx: 704MHz - 716MHz |
| | | Rx: 734MHz – 746MHz |



| | | |
|---------------------------|------------------------|---|
| Frequency Range: | LTE Band 25 | Tx: 1850MHz–1915MHz |
| | | Rx: 1930MHz–1995MHz |
| | LTE Band 26 | Tx: 824MHz–849MHz |
| | | Rx: 869MHz–894MHz |
| | LTE Band 29 | Rx: 717MHz–728MHz |
| | LTE Band 30 | Tx: 2305MHz–2315MHz |
| | | Rx: 2350MHz–2360MHz |
| | 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 | |
| LTE Band 71 | Tx: 663MHz –698MHz | |
| | Rx: 617MHz –652MHz | |
| 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, 15 MHz, 20 MHz |
| | LTE Band 12 | 1.4MHz, 3 MHz, 5 MHz, 10MHz |
| | LTE Band 13 | 5 MHz, 10MHz |
| | LTE Band 17 | 5 MHz, 10MHz |
| | LTE Band 25 | 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz |
| | LTE Band 26 | 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz |
| | LTE Band 30 | 5 MHz, 10MHz |
| | LTE Band 40 | 5MHz, 10MHz |
| | LTE Band 41 | 5 MHz, 10MHz, 15MHz, 20MHz |
| | LTE Band 66 | 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz |
| | LTE Band 71 | 5MHz, 10MHz, 15MHz, 20MHz |
| Antenna Type: | Fixed Internal Antenna | |
| Antenna Gain: | LTE Band 2 | -3.5dBi |
| | LTE Band 4 | -3.3dBi |
| | LTE Band 5 | -2.1dBi |
| | LTE Band 7 | -3.6dBi |
| | LTE Band 12 | -2.7dBi |



| | | |
|-------------------------------|----------------|--|
| Antenna Gain: | LTE Band 13 | -2.6dBi |
| | LTE Band 17 | -2.3dBi |
| | LTE Band 25 | -3.5dBi |
| | LTE Band 26 | -2.1dBi |
| | LTE Band 30 | -3.3dBi |
| | LTE Band 40 | -3.3dBi |
| | LTE Band 41 | -3.6dBi |
| | LTE Band 66 | -2.7dBi |
| | LTE Band 71 | -3.1dBi |
| Accessory Information: | Battery | |
| | Brand Name: | STK |
| | Model No.: | STK X3 |
| | Serial No.: | (N/A, marked #1 by test site) |
| | Capacity: | 4000mAh |
| | Rated Voltage: | 3.85V |
| | Charge Limit: | 4.40V |
| | Manufacturer: | Zhongshan Tianmao Battery Co., Ltd. |
| | AC Adapter | |
| | Brand Name: | STK |
| | Model No.: | MC/X3WH2TC, MC/X3WH2TA2, MC/X3WH2TI, MC/X3WH2TI2 |
| | Serial No.: | (N/A, marked #1 by test site) |
| | Rated Output: | 5V=2A |
| | Rated Input: | 100-240V~50/60Hz, 0.3A |
| | Manufacturer: | You Tec Ltd |
| | USB | |
| | Model No.: | CAB/X3WHUSBC |
| Manufacturer: | You Tec Ltd | |



Note 1: Hereby, we, You Tec Ltd, declare that for model name: X3(FCC ID: 2A2KI-STKX3, IC: 27509-X3), there are 2 models of CPU, only the model suffix is different; Memory (EMMC+LPDDR4X) and camera have 2 Suppliers. It's just that the supplier is different. details as follows:

| Part Name | | Supplier (Main Supply) | Supplier (Secondary Supply) |
|-----------|---------|---|---|
| CPU | | MediaTek.Inc (Model: MT6762V/CB) | MediaTek.Inc (Model: MT6762V/WA) |
| Memory | EMMC | Hosin Global Electronics Co., Ltd. | Shenzhen Longsys Electronics Co., Ltd. |
| | LPDDR4X | Rayson Hi-Tech (HK) Limited | Shenzhen Longsys Electronics Co., Ltd. |
| Camera | | Chongqing Ts-Precision Technology Co., Ltd. | Shen zhen Holitech opto-Electronics Co., Ltd. |

Except for the above differences, their electrical circuit design, layout, components used and internal wiring are identical. We have evaluated those changes in EMC reports. The changes do not affect the results in report.

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 | QPSK | 16QAM | |
| 20 | 0.094 | 0.079 | 18M0G7D | 18M0W7D | |
| 15 | 0.093 | 0.079 | 13M5G7D | 13M5W7D | |
| 10 | 0.094 | 0.084 | 8M99G7D | 8M97W7D | |
| 5 | 0.093 | 0.084 | 4M50G7D | 4M50W7D | |
| 3 | 0.094 | 0.085 | 2M69G7D | 2M69W7D | |
| 1.4 | 0.093 | 0.078 | 1M10G7D | 1M10W7D | |
| LTE Band 4 | | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM | |
| 20 | 0.101 | 0.086 | 18M0G7D | 18M0W7D | |
| 15 | 0.100 | 0.083 | 13M5G7D | 13M5W7D | |
| 10 | 0.099 | 0.084 | 9M01G7D | 8M97W7D | |
| 5 | 0.098 | 0.084 | 4M50G7D | 4M51W7D | |
| 3 | 0.100 | 0.086 | 2M69G7D | 2M69W7D | |
| 1.4 | 0.098 | 0.086 | 1M10G7D | 1M10W7D | |
| LTE Band 5 | | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM | |
| 10 | 0.079 | 0.069 | 9M02G7D | 8M98W7D | |
| 5 | 0.078 | 0.071 | 4M50G7D | 4M51W7D | |
| 3 | 0.078 | 0.070 | 2M69G7D | 2M69W7D | |
| 1.4 | 0.079 | 0.071 | 1M10G7D | 1M10W7D | |
| LTE Band 7 | | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM | |
| 20 | 0.099 | 0.078 | 18M0G7D | 18M0W7D | |
| 15 | 0.094 | 0.083 | 13M5G7D | 13M5W7D | |
| 10 | 0.092 | 0.081 | 8M99G7D | 8M98W7D | |
| 5 | 0.093 | 0.076 | 4M50G7D | 4M50W7D | |
| LTE Band 12 | | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM | |
| 10 | 0.070 | 0.058 | 9M07G7D | 9M01W7D | |
| 5 | 0.069 | 0.058 | 4M52G7D | 4M52W7D | |
| 3 | 0.069 | 0.061 | 2M69G7D | 2M69W7D | |
| 1.4 | 0.068 | 0.060 | 1M10G7D | 1M10W7D | |



| | | | | |
|----------------------------|------------------------------------|-------|-------------------------------------|---------|
| LTE Band 13 | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM |
| 10 | 0.072 | 0.063 | 9M05G7D | 9M01W7D |
| 5 | 0.071 | 0.062 | 4M52G7D | 4M53W7D |
| LTE Band 17 | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM |
| 10 | 0.075 | 0.062 | 8M99G7D | 8M97W7D |
| 5 | 0.074 | 0.061 | 4M52G7D | 4M52W7D |
| LTE Band 25 | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM |
| 20 | 0.095 | 0.080 | 18M0G7D | 18M0W7D |
| 15 | 0.093 | 0.087 | 13M5G7D | 13M5W7D |
| 10 | 0.093 | 0.082 | 9M03G7D | 8M99W7D |
| 5 | 0.092 | 0.081 | 4M52G7D | 4M52W7D |
| 3 | 0.092 | 0.082 | 2M69G7D | 2M69W7D |
| 1.4 | 0.091 | 0.082 | 1M10G7D | 1M11W7D |
| LTE Band 26 | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM |
| 15 | 0.079 | 0.069 | 13M5G7D | 13M5W7D |
| 10 | 0.078 | 0.070 | 9M02G7D | 9M00W7D |
| 5 | 0.078 | 0.068 | 4M51G7D | 4M50W7D |
| 3 | 0.078 | 0.068 | 2M69G7D | 2M69W7D |
| 1.4 | 0.078 | 0.071 | 1M10G7D | 1M10W7D |
| LTE Band 30 | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM |
| 10 | 0.090 | 0.073 | 9M00G7D | 8M96W7D |
| 5 | 0.089 | 0.073 | 4M50G7D | 4M50W7D |
| LTE Band 40 Block A | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM |
| 10 | 0.096 | 0.080 | 9M01G7D | 8M99W7D |
| 5 | 0.094 | 0.083 | 4M52G7D | 4M52W7D |
| LTE Band 40 Block B | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | QPSK | 16QAM | QPSK | 16QAM |
| 10 | 0.096 | 0.080 | 8M98G7D | 9M00W7D |
| 5 | 0.095 | 0.081 | 4M53G7D | 4M52W7D |



| LTE Band 41 | | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
|--------------------|--|------------------------------------|-------|-------------------------------------|---------|
| BW(MHz) | | QPSK | 16QAM | QPSK | 16QAM |
| 20 | | 0.090 | 0.080 | 18M0G7D | 18M0W7D |
| 15 | | 0.088 | 0.079 | 13M5G7D | 13M5W7D |
| 10 | | 0.087 | 0.073 | 8M99G7D | 8M98W7D |
| 5 | | 0.087 | 0.080 | 4M51G7D | 4M51W7D |
| LTE Band 66 | | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | | QPSK | 16QAM | QPSK | 16QAM |
| 20 | | 0.118 | 0.098 | 18M0G7D | 18M0W7D |
| 15 | | 0.114 | 0.097 | 13M5G7D | 13M5W7D |
| 10 | | 0.111 | 0.102 | 9M02G7D | 9M02W7D |
| 5 | | 0.110 | 0.102 | 4M52G7D | 4M53W7D |
| 3 | | 0.109 | 0.097 | 2M70G7D | 2M71W7D |
| 1.4 | | 0.110 | 0.100 | 1M09G7D | 1M09W7D |
| LTE Band 71 | | Maximum E.R.P./E.I.R.P. (W) | | Emission Designator (99%OBW) | |
| BW(MHz) | | QPSK | 16QAM | QPSK | 16QAM |
| 20 | | 0.063 | 0.053 | 18M0G7D | 18M0W7D |
| 15 | | 0.061 | 0.050 | 13M5G7D | 13M5W7D |
| 10 | | 0.061 | 0.054 | 9M05G7D | 9M02W7D |
| 5 | | 0.061 | 0.053 | 4M52G7D | 4M52W7D |



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24 and 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(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2) | Transmitter Conducted Output Power and E.R.P./E.I.R.P. | Jul 28&29, 2021 | Yu Zhizheng Ling Keye Gao Jianrou | PASS | No deviation |
| 2.1049 | Occupied Bandwidth | Jun 28&30, 2021 Jul 01&05&07, 2021 | Ling Keye | PASS | No deviation |
| 2.1055 22.355 24.235 27.54 | Frequency Stability | Jul 13, 2021 | Ling Keye | PASS | No deviation |
| 24.232(d), 27.50(d)(5) | Peak to Average Radio | Jul 02&07, 2021 | Ling Keye | PASS | No deviation |
| 2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) | Conducted Spurious Emissions | Jun 28&29&30, 2021 Jul 01&02&07, 2021 | Ling Keye | PASS | No deviation |



| | | | | | |
|--|-----------------------------|--|-------------|------|--------------|
| 27.53(m)(4) 27.53(l)(2) | | | | | |
| 2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) 27.53(l)(2) | Band Edge | Jun 28&29&30, 2021 Jul 01&02&07, 2021 | Ling Keye | PASS | No deviation |
| 2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) 27.53(l)(2) | Radiated Spurious Emissions | Jul 08&09&13, 2021 | Gao Jianrou | PASS | No deviation |

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

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

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

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

1.5. Environmental Conditions

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

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



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 D&F&H&L&M&N 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 2/25, 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 section22.913 (a)(2) for LTE Band 5/26, 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 7/41, 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.

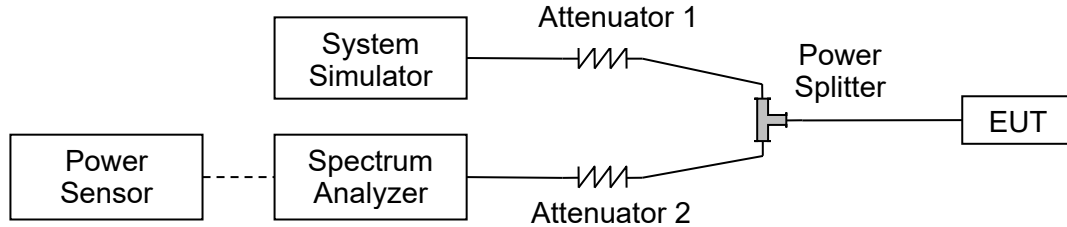
According to FCC section 27.50 (b)(10) for LTE Band 13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.

According to FCC section 27.50 (c)(10) for LTE Band 12/17/71, 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 30, 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 milliwatts within any 1 megahertz of authorized bandwidth.

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 milliwatts 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 | 23.22 | 23.25 | 23.19 |
| 20 | QPSK | 1 | 49 | 23.20 | 23.14 | 23.07 |
| 20 | QPSK | 1 | 99 | 23.14 | 23.10 | 23.08 |
| 20 | QPSK | 50 | 0 | 22.30 | 22.39 | 22.32 |
| 20 | QPSK | 50 | 24 | 22.31 | 22.36 | 22.36 |
| 20 | QPSK | 50 | 50 | 22.36 | 22.32 | 22.38 |
| 20 | QPSK | 100 | 0 | 22.29 | 22.38 | 22.34 |
| 20 | 16QAM | 1 | 0 | 22.35 | 22.35 | 22.37 |
| 20 | 16QAM | 1 | 49 | 22.19 | 22.49 | 22.45 |
| 20 | 16QAM | 1 | 99 | 22.44 | 22.29 | 22.69 |
| 20 | 16QAM | 50 | 0 | 22.37 | 22.34 | 22.32 |
| 20 | 16QAM | 50 | 24 | 22.33 | 22.38 | 22.39 |
| 20 | 16QAM | 50 | 50 | 22.41 | 22.38 | 22.45 |
| 20 | 16QAM | 100 | 0 | 22.44 | 22.45 | 22.32 |



| 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 | 23.03 | 23.06 | 22.97 |
| 15 | QPSK | 1 | 37 | 22.82 | 23.18 | 23.06 |
| 15 | QPSK | 1 | 74 | 23.19 | 23.11 | 23.19 |
| 15 | QPSK | 36 | 0 | 22.16 | 22.25 | 22.24 |
| 15 | QPSK | 36 | 20 | 22.15 | 22.34 | 22.31 |
| 15 | QPSK | 36 | 39 | 22.27 | 22.28 | 22.25 |
| 15 | QPSK | 75 | 0 | 22.19 | 22.25 | 22.21 |
| 15 | 16QAM | 1 | 0 | 22.28 | 22.36 | 22.30 |
| 15 | 16QAM | 1 | 37 | 22.41 | 22.44 | 22.30 |
| 15 | 16QAM | 1 | 74 | 22.36 | 22.48 | 22.48 |
| 15 | 16QAM | 36 | 0 | 22.15 | 22.20 | 22.23 |
| 15 | 16QAM | 36 | 20 | 22.24 | 22.17 | 22.30 |
| 15 | 16QAM | 36 | 39 | 22.29 | 22.38 | 22.35 |
| 15 | 16QAM | 75 | 0 | 22.16 | 22.18 | 22.27 |



| 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 | 23.22 | 23.12 | 23.09 |
| 10 | QPSK | 1 | 25 | 23.11 | 23.21 | 23.09 |
| 10 | QPSK | 1 | 49 | 23.00 | 23.08 | 23.00 |
| 10 | QPSK | 25 | 0 | 22.27 | 22.28 | 22.24 |
| 10 | QPSK | 25 | 12 | 22.23 | 22.35 | 22.28 |
| 10 | QPSK | 25 | 25 | 22.14 | 22.27 | 22.23 |
| 10 | QPSK | 50 | 0 | 22.20 | 22.29 | 22.27 |
| 10 | 16QAM | 1 | 0 | 22.68 | 22.61 | 22.60 |
| 10 | 16QAM | 1 | 25 | 22.37 | 22.33 | 22.40 |
| 10 | 16QAM | 1 | 49 | 22.32 | 22.40 | 22.19 |
| 10 | 16QAM | 25 | 0 | 22.22 | 22.21 | 22.18 |
| 10 | 16QAM | 25 | 12 | 22.38 | 22.18 | 22.18 |
| 10 | 16QAM | 25 | 25 | 22.18 | 22.38 | 22.48 |
| 10 | 16QAM | 50 | 0 | 22.75 | 22.68 | 22.72 |



| 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 | 23.14 | 23.19 | 23.13 |
| 5 | QPSK | 1 | 12 | 23.13 | 23.08 | 23.11 |
| 5 | QPSK | 1 | 24 | 23.09 | 23.17 | 23.18 |
| 5 | QPSK | 12 | 0 | 22.26 | 22.17 | 22.24 |
| 5 | QPSK | 12 | 7 | 22.27 | 22.32 | 22.24 |
| 5 | QPSK | 12 | 13 | 22.26 | 22.25 | 22.28 |
| 5 | QPSK | 25 | 0 | 22.25 | 22.23 | 22.25 |
| 5 | 16QAM | 1 | 0 | 22.38 | 22.28 | 22.66 |
| 5 | 16QAM | 1 | 12 | 22.36 | 22.29 | 22.66 |
| 5 | 16QAM | 1 | 24 | 22.39 | 22.26 | 22.65 |
| 5 | 16QAM | 12 | 0 | 22.48 | 22.62 | 22.48 |
| 5 | 16QAM | 12 | 7 | 22.38 | 22.38 | 22.18 |
| 5 | 16QAM | 12 | 13 | 22.18 | 22.51 | 22.28 |
| 5 | 16QAM | 25 | 0 | 22.28 | 22.74 | 22.72 |



| 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 | 23.08 | 23.15 | 23.07 |
| 3 | QPSK | 1 | 8 | 23.18 | 23.21 | 23.04 |
| 3 | QPSK | 1 | 14 | 23.19 | 23.06 | 23.06 |
| 3 | QPSK | 8 | 0 | 22.26 | 22.21 | 22.23 |
| 3 | QPSK | 8 | 4 | 22.32 | 22.26 | 22.27 |
| 3 | QPSK | 8 | 7 | 22.32 | 22.26 | 22.22 |
| 3 | QPSK | 15 | 0 | 22.24 | 22.32 | 22.25 |
| 3 | 16QAM | 1 | 0 | 22.40 | 22.31 | 22.25 |
| 3 | 16QAM | 1 | 8 | 22.44 | 22.38 | 22.34 |
| 3 | 16QAM | 1 | 14 | 22.25 | 22.22 | 22.10 |
| 3 | 16QAM | 8 | 0 | 22.68 | 22.81 | 22.73 |
| 3 | 16QAM | 8 | 4 | 22.75 | 22.72 | 22.78 |
| 3 | 16QAM | 8 | 7 | 22.65 | 22.70 | 22.73 |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.72 | 22.67 |



| 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 | 23.14 | 23.17 | 23.12 |
| 1.4 | QPSK | 1 | 3 | 23.04 | 23.02 | 23.01 |
| 1.4 | QPSK | 1 | 5 | 23.01 | 22.99 | 22.97 |
| 1.4 | QPSK | 3 | 0 | 23.01 | 23.01 | 22.97 |
| 1.4 | QPSK | 3 | 1 | 23.05 | 23.02 | 23.00 |
| 1.4 | QPSK | 3 | 3 | 23.07 | 23.11 | 23.00 |
| 1.4 | QPSK | 6 | 0 | 22.22 | 22.20 | 22.19 |
| 1.4 | 16QAM | 1 | 0 | 22.25 | 22.25 | 22.19 |
| 1.4 | 16QAM | 1 | 3 | 22.21 | 22.41 | 22.39 |
| 1.4 | 16QAM | 1 | 5 | 22.09 | 22.29 | 21.97 |
| 1.4 | 16QAM | 3 | 0 | 22.11 | 22.16 | 22.13 |
| 1.4 | 16QAM | 3 | 1 | 22.29 | 22.11 | 22.16 |
| 1.4 | 16QAM | 3 | 3 | 22.31 | 22.28 | 22.02 |
| 1.4 | 16QAM | 6 | 0 | 22.32 | 22.25 | 22.20 |



| 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 | 23.26 | 23.34 | 23.33 |
| 20 | QPSK | 1 | 49 | 23.12 | 23.20 | 23.19 |
| 20 | QPSK | 1 | 99 | 23.04 | 23.17 | 23.29 |
| 20 | QPSK | 50 | 0 | 22.35 | 22.48 | 22.45 |
| 20 | QPSK | 50 | 24 | 22.35 | 22.43 | 22.43 |
| 20 | QPSK | 50 | 50 | 22.24 | 22.35 | 22.36 |
| 20 | QPSK | 100 | 0 | 22.34 | 22.38 | 22.45 |
| 20 | 16QAM | 1 | 0 | 22.21 | 22.51 | 22.38 |
| 20 | 16QAM | 1 | 49 | 22.36 | 22.13 | 22.27 |
| 20 | 16QAM | 1 | 99 | 22.15 | 22.37 | 22.21 |
| 20 | 16QAM | 50 | 0 | 22.34 | 22.27 | 22.41 |
| 20 | 16QAM | 50 | 24 | 22.60 | 22.71 | 22.60 |
| 20 | 16QAM | 50 | 50 | 22.56 | 22.57 | 22.57 |
| 20 | 16QAM | 100 | 0 | 22.58 | 22.66 | 22.67 |



| LTE Band 4 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20025 | 20175 | 20325 |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 |
| 15 | QPSK | 1 | 0 | 23.13 | 23.17 | 23.27 |
| 15 | QPSK | 1 | 37 | 23.17 | 23.26 | 23.18 |
| 15 | QPSK | 1 | 74 | 23.04 | 23.26 | 23.29 |
| 15 | QPSK | 36 | 0 | 22.29 | 22.36 | 22.39 |
| 15 | QPSK | 36 | 20 | 22.33 | 22.46 | 22.42 |
| 15 | QPSK | 36 | 39 | 22.38 | 22.37 | 22.46 |
| 15 | QPSK | 75 | 0 | 22.33 | 22.35 | 22.36 |
| 15 | 16QAM | 1 | 0 | 22.27 | 22.49 | 22.21 |
| 15 | 16QAM | 1 | 37 | 22.35 | 22.35 | 22.19 |
| 15 | 16QAM | 1 | 74 | 22.21 | 22.51 | 22.30 |
| 15 | 16QAM | 36 | 0 | 22.22 | 22.24 | 22.43 |
| 15 | 16QAM | 36 | 20 | 22.17 | 22.24 | 22.30 |
| 15 | 16QAM | 36 | 39 | 22.13 | 22.22 | 22.28 |
| 15 | 16QAM | 75 | 0 | 22.24 | 22.25 | 22.34 |



| 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 | 23.05 | 23.24 | 23.07 |
| 10 | QPSK | 1 | 25 | 23.03 | 23.16 | 23.17 |
| 10 | QPSK | 1 | 49 | 23.11 | 22.94 | 23.17 |
| 10 | QPSK | 25 | 0 | 22.12 | 22.34 | 22.36 |
| 10 | QPSK | 25 | 12 | 22.24 | 22.30 | 22.34 |
| 10 | QPSK | 25 | 25 | 22.13 | 22.24 | 22.31 |
| 10 | QPSK | 50 | 0 | 22.19 | 22.29 | 22.21 |
| 10 | 16QAM | 1 | 0 | 22.18 | 22.33 | 22.09 |
| 10 | 16QAM | 1 | 25 | 22.45 | 22.19 | 22.51 |
| 10 | 16QAM | 1 | 49 | 22.52 | 22.42 | 22.41 |
| 10 | 16QAM | 25 | 0 | 22.18 | 22.17 | 22.16 |
| 10 | 16QAM | 25 | 12 | 22.10 | 22.20 | 22.17 |
| 10 | 16QAM | 25 | 25 | 22.44 | 22.35 | 22.44 |
| 10 | 16QAM | 50 | 0 | 22.38 | 22.42 | 22.54 |



| 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 | 22.95 | 23.17 | 23.22 |
| 5 | QPSK | 1 | 12 | 23.01 | 23.16 | 23.13 |
| 5 | QPSK | 1 | 24 | 22.96 | 23.08 | 23.07 |
| 5 | QPSK | 12 | 0 | 22.20 | 22.20 | 22.24 |
| 5 | QPSK | 12 | 7 | 22.20 | 22.31 | 22.28 |
| 5 | QPSK | 12 | 13 | 22.15 | 22.32 | 22.24 |
| 5 | QPSK | 25 | 0 | 22.18 | 22.22 | 22.28 |
| 5 | 16QAM | 1 | 0 | 22.08 | 22.49 | 22.17 |
| 5 | 16QAM | 1 | 12 | 22.19 | 22.54 | 22.13 |
| 5 | 16QAM | 1 | 24 | 22.13 | 22.48 | 22.08 |
| 5 | 16QAM | 12 | 0 | 22.12 | 22.06 | 22.09 |
| 5 | 16QAM | 12 | 7 | 22.15 | 22.19 | 22.17 |
| 5 | 16QAM | 12 | 13 | 22.42 | 22.49 | 22.53 |
| 5 | 16QAM | 25 | 0 | 22.43 | 22.54 | 22.47 |



| 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 | 23.07 | 23.08 | 23.20 |
| 3 | QPSK | 1 | 8 | 23.16 | 23.30 | 23.24 |
| 3 | QPSK | 1 | 14 | 22.96 | 23.15 | 23.15 |
| 3 | QPSK | 8 | 0 | 22.18 | 22.24 | 22.25 |
| 3 | QPSK | 8 | 4 | 22.24 | 22.32 | 22.34 |
| 3 | QPSK | 8 | 7 | 22.20 | 22.30 | 22.30 |
| 3 | QPSK | 15 | 0 | 22.20 | 22.26 | 22.20 |
| 3 | 16QAM | 1 | 0 | 22.28 | 22.37 | 22.41 |
| 3 | 16QAM | 1 | 8 | 22.50 | 22.50 | 22.24 |
| 3 | 16QAM | 1 | 14 | 22.41 | 22.19 | 22.27 |
| 3 | 16QAM | 8 | 0 | 22.20 | 22.21 | 22.30 |
| 3 | 16QAM | 8 | 4 | 22.30 | 22.30 | 22.31 |
| 3 | 16QAM | 8 | 7 | 22.52 | 22.60 | 22.64 |
| 3 | 16QAM | 15 | 0 | 22.52 | 22.50 | 22.57 |



| 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 | 22.82 | 23.03 | 23.04 |
| 1.4 | QPSK | 1 | 3 | 23.16 | 23.16 | 23.20 |
| 1.4 | QPSK | 1 | 5 | 23.02 | 23.11 | 23.13 |
| 1.4 | QPSK | 3 | 0 | 23.00 | 22.97 | 22.96 |
| 1.4 | QPSK | 3 | 1 | 22.96 | 23.06 | 23.11 |
| 1.4 | QPSK | 3 | 3 | 22.95 | 23.02 | 23.01 |
| 1.4 | QPSK | 6 | 0 | 22.23 | 22.25 | 22.21 |
| 1.4 | 16QAM | 1 | 0 | 22.17 | 22.64 | 22.30 |
| 1.4 | 16QAM | 1 | 3 | 22.30 | 22.38 | 22.42 |
| 1.4 | 16QAM | 1 | 5 | 22.36 | 22.52 | 22.32 |
| 1.4 | 16QAM | 3 | 0 | 22.39 | 22.43 | 22.34 |
| 1.4 | 16QAM | 3 | 1 | 22.40 | 22.43 | 22.45 |
| 1.4 | 16QAM | 3 | 3 | 22.39 | 22.51 | 22.40 |
| 1.4 | 16QAM | 6 | 0 | 22.30 | 22.31 | 22.22 |



| 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 | 23.23 | 23.24 | 23.19 |
| 10 | QPSK | 1 | 25 | 23.09 | 23.12 | 23.15 |
| 10 | QPSK | 1 | 49 | 23.21 | 23.13 | 23.11 |
| 10 | QPSK | 25 | 0 | 22.54 | 22.56 | 22.37 |
| 10 | QPSK | 25 | 12 | 22.30 | 22.32 | 22.37 |
| 10 | QPSK | 25 | 25 | 22.30 | 22.41 | 22.46 |
| 10 | QPSK | 50 | 0 | 22.36 | 22.24 | 22.38 |
| 10 | 16QAM | 1 | 0 | 22.40 | 22.59 | 22.30 |
| 10 | 16QAM | 1 | 25 | 22.63 | 22.66 | 22.34 |
| 10 | 16QAM | 1 | 49 | 22.46 | 22.52 | 22.59 |
| 10 | 16QAM | 25 | 0 | 22.55 | 22.56 | 22.38 |
| 10 | 16QAM | 25 | 12 | 22.49 | 22.57 | 22.35 |
| 10 | 16QAM | 25 | 25 | 22.52 | 22.45 | 22.48 |
| 10 | 16QAM | 50 | 0 | 22.53 | 22.44 | 22.34 |



| 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 | 23.18 | 23.14 | 23.12 |
| 5 | QPSK | 1 | 12 | 23.08 | 23.19 | 23.03 |
| 5 | QPSK | 1 | 24 | 23.08 | 23.03 | 23.03 |
| 5 | QPSK | 12 | 0 | 22.45 | 22.50 | 22.36 |
| 5 | QPSK | 12 | 7 | 22.52 | 22.53 | 22.45 |
| 5 | QPSK | 12 | 13 | 22.57 | 22.41 | 22.36 |
| 5 | QPSK | 25 | 0 | 22.48 | 22.44 | 22.36 |
| 5 | 16QAM | 1 | 0 | 22.77 | 22.70 | 22.46 |
| 5 | 16QAM | 1 | 12 | 22.47 | 22.69 | 22.45 |
| 5 | 16QAM | 1 | 24 | 22.34 | 22.69 | 22.52 |
| 5 | 16QAM | 12 | 0 | 22.43 | 22.52 | 22.51 |
| 5 | 16QAM | 12 | 7 | 22.50 | 22.53 | 22.35 |
| 5 | 16QAM | 12 | 13 | 22.50 | 22.41 | 22.46 |
| 5 | 16QAM | 25 | 0 | 22.51 | 22.56 | 22.51 |



| 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 | 23.17 | 23.18 | 23.03 |
| 3 | QPSK | 1 | 8 | 23.13 | 23.14 | 23.05 |
| 3 | QPSK | 1 | 14 | 23.14 | 23.12 | 22.86 |
| 3 | QPSK | 8 | 0 | 22.38 | 22.51 | 22.49 |
| 3 | QPSK | 8 | 4 | 22.52 | 22.58 | 22.55 |
| 3 | QPSK | 8 | 7 | 22.47 | 22.49 | 22.36 |
| 3 | QPSK | 15 | 0 | 22.45 | 22.51 | 22.50 |
| 3 | 16QAM | 1 | 0 | 22.47 | 22.58 | 22.65 |
| 3 | 16QAM | 1 | 8 | 22.40 | 22.66 | 22.50 |
| 3 | 16QAM | 1 | 14 | 22.45 | 22.71 | 22.46 |
| 3 | 16QAM | 8 | 0 | 22.41 | 22.50 | 22.24 |
| 3 | 16QAM | 8 | 4 | 22.57 | 22.68 | 22.25 |
| 3 | 16QAM | 8 | 7 | 22.49 | 22.55 | 22.29 |
| 3 | 16QAM | 15 | 0 | 22.43 | 22.45 | 22.00 |



| 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 | 23.08 | 23.15 | 23.19 |
| 1.4 | QPSK | 1 | 3 | 23.21 | 23.14 | 23.21 |
| 1.4 | QPSK | 1 | 5 | 23.10 | 23.04 | 23.05 |
| 1.4 | QPSK | 3 | 0 | 23.11 | 23.17 | 23.13 |
| 1.4 | QPSK | 3 | 1 | 23.17 | 23.04 | 23.14 |
| 1.4 | QPSK | 3 | 3 | 23.18 | 23.10 | 23.10 |
| 1.4 | QPSK | 6 | 0 | 22.43 | 22.42 | 22.41 |
| 1.4 | 16QAM | 1 | 0 | 22.56 | 22.37 | 22.54 |
| 1.4 | 16QAM | 1 | 3 | 22.36 | 22.60 | 22.49 |
| 1.4 | 16QAM | 1 | 5 | 22.75 | 22.43 | 22.49 |
| 1.4 | 16QAM | 3 | 0 | 22.28 | 22.26 | 22.40 |
| 1.4 | 16QAM | 3 | 1 | 22.31 | 22.58 | 22.44 |
| 1.4 | 16QAM | 3 | 3 | 22.39 | 22.50 | 22.38 |
| 1.4 | 16QAM | 6 | 0 | 22.58 | 22.45 | 22.49 |



| 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 | 23.54 | 23.55 | 23.47 |
| 20 | QPSK | 1 | 49 | 23.49 | 23.53 | 23.42 |
| 20 | QPSK | 1 | 99 | 23.44 | 23.39 | 23.44 |
| 20 | QPSK | 50 | 0 | 22.50 | 22.57 | 22.54 |
| 20 | QPSK | 50 | 24 | 22.26 | 22.23 | 22.13 |
| 20 | QPSK | 50 | 50 | 22.36 | 22.39 | 22.36 |
| 20 | QPSK | 100 | 0 | 22.31 | 22.33 | 22.30 |
| 20 | 16QAM | 1 | 0 | 22.12 | 22.22 | 22.40 |
| 20 | 16QAM | 1 | 49 | 22.27 | 22.13 | 22.41 |
| 20 | 16QAM | 1 | 99 | 22.21 | 22.52 | 22.17 |
| 20 | 16QAM | 50 | 0 | 22.06 | 22.16 | 22.09 |
| 20 | 16QAM | 50 | 24 | 22.11 | 22.03 | 22.14 |
| 20 | 16QAM | 50 | 50 | 22.19 | 22.24 | 22.07 |
| 20 | 16QAM | 100 | 0 | 22.07 | 22.19 | 22.17 |



| 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 | 23.24 | 23.33 | 23.33 |
| 15 | QPSK | 1 | 37 | 23.34 | 23.31 | 23.35 |
| 15 | QPSK | 1 | 74 | 23.28 | 23.35 | 23.35 |
| 15 | QPSK | 36 | 0 | 22.29 | 22.38 | 22.40 |
| 15 | QPSK | 36 | 20 | 22.37 | 22.44 | 22.39 |
| 15 | QPSK | 36 | 39 | 22.40 | 22.43 | 22.47 |
| 15 | QPSK | 75 | 0 | 22.46 | 22.39 | 22.41 |
| 15 | 16QAM | 1 | 0 | 22.62 | 22.73 | 22.80 |
| 15 | 16QAM | 1 | 37 | 22.44 | 22.55 | 22.53 |
| 15 | 16QAM | 1 | 74 | 22.48 | 22.48 | 22.70 |
| 15 | 16QAM | 36 | 0 | 22.07 | 22.18 | 22.20 |
| 15 | 16QAM | 36 | 20 | 22.14 | 22.17 | 22.16 |
| 15 | 16QAM | 36 | 39 | 22.20 | 22.18 | 22.07 |
| 15 | 16QAM | 75 | 0 | 22.15 | 22.23 | 22.15 |



| 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 | 23.23 | 23.10 | 23.13 |
| 10 | QPSK | 1 | 25 | 23.26 | 23.16 | 23.18 |
| 10 | QPSK | 1 | 49 | 23.19 | 23.16 | 23.18 |
| 10 | QPSK | 25 | 0 | 22.21 | 22.21 | 22.20 |
| 10 | QPSK | 25 | 12 | 22.17 | 22.29 | 22.34 |
| 10 | QPSK | 25 | 25 | 22.10 | 22.28 | 22.28 |
| 10 | QPSK | 50 | 0 | 22.19 | 22.31 | 22.30 |
| 10 | 16QAM | 1 | 0 | 22.24 | 22.42 | 22.27 |
| 10 | 16QAM | 1 | 25 | 22.23 | 22.25 | 22.30 |
| 10 | 16QAM | 1 | 49 | 22.70 | 22.60 | 22.51 |
| 10 | 16QAM | 25 | 0 | 22.13 | 22.01 | 22.09 |
| 10 | 16QAM | 25 | 12 | 21.95 | 22.12 | 22.05 |
| 10 | 16QAM | 25 | 25 | 22.00 | 22.03 | 21.95 |
| 10 | 16QAM | 50 | 0 | 22.03 | 22.12 | 21.97 |



| LTE Band 7 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20775 | 21100 | 21425 |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 |
| 5 | QPSK | 1 | 0 | 23.27 | 23.18 | 23.08 |
| 5 | QPSK | 1 | 12 | 23.14 | 23.07 | 23.15 |
| 5 | QPSK | 1 | 24 | 23.08 | 23.14 | 23.18 |
| 5 | QPSK | 12 | 0 | 22.01 | 22.09 | 22.01 |
| 5 | QPSK | 12 | 7 | 22.08 | 22.23 | 22.15 |
| 5 | QPSK | 12 | 13 | 22.10 | 22.26 | 22.11 |
| 5 | QPSK | 25 | 0 | 22.11 | 22.12 | 22.07 |
| 5 | 16QAM | 1 | 0 | 22.09 | 22.07 | 22.13 |
| 5 | 16QAM | 1 | 12 | 22.14 | 22.36 | 22.26 |
| 5 | 16QAM | 1 | 24 | 22.20 | 22.39 | 22.21 |
| 5 | 16QAM | 12 | 0 | 22.11 | 22.17 | 22.08 |
| 5 | 16QAM | 12 | 7 | 22.00 | 22.02 | 21.98 |
| 5 | 16QAM | 12 | 13 | 22.00 | 22.06 | 22.19 |
| 5 | 16QAM | 25 | 0 | 21.97 | 22.02 | 22.04 |



| 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 | 23.13 | 23.29 | 23.18 |
| 10 | QPSK | 1 | 25 | 22.99 | 23.12 | 23.15 |
| 10 | QPSK | 1 | 49 | 23.09 | 23.10 | 23.09 |
| 10 | QPSK | 25 | 0 | 22.56 | 22.66 | 22.57 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.47 | 22.26 |
| 10 | QPSK | 25 | 25 | 22.58 | 22.64 | 22.57 |
| 10 | QPSK | 50 | 0 | 22.59 | 22.61 | 22.52 |
| 10 | 16QAM | 1 | 0 | 22.52 | 22.07 | 22.20 |
| 10 | 16QAM | 1 | 25 | 22.27 | 22.22 | 22.36 |
| 10 | 16QAM | 1 | 49 | 22.36 | 22.41 | 22.30 |
| 10 | 16QAM | 25 | 0 | 22.25 | 22.27 | 22.21 |
| 10 | 16QAM | 25 | 12 | 22.29 | 22.33 | 22.22 |
| 10 | 16QAM | 25 | 25 | 22.34 | 22.35 | 22.29 |
| 10 | 16QAM | 50 | 0 | 22.24 | 22.32 | 22.37 |



| LTE Band 12 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23035 | 23095 | 23155 |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 |
| 5 | QPSK | 1 | 0 | 22.88 | 23.21 | 22.99 |
| 5 | QPSK | 1 | 12 | 23.04 | 23.20 | 23.04 |
| 5 | QPSK | 1 | 24 | 23.00 | 23.19 | 23.05 |
| 5 | QPSK | 12 | 0 | 22.29 | 22.36 | 22.35 |
| 5 | QPSK | 12 | 7 | 22.40 | 22.42 | 22.39 |
| 5 | QPSK | 12 | 13 | 22.35 | 22.38 | 22.35 |
| 5 | QPSK | 25 | 0 | 22.31 | 22.43 | 22.39 |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.34 | 22.36 |
| 5 | 16QAM | 1 | 12 | 22.49 | 22.44 | 22.45 |
| 5 | 16QAM | 1 | 24 | 22.45 | 22.43 | 22.39 |
| 5 | 16QAM | 12 | 0 | 22.19 | 22.16 | 22.19 |
| 5 | 16QAM | 12 | 7 | 22.33 | 22.38 | 22.22 |
| 5 | 16QAM | 12 | 13 | 22.28 | 22.25 | 22.30 |
| 5 | 16QAM | 25 | 0 | 22.29 | 22.25 | 22.27 |



| LTE Band 12 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23025 | 23095 | 23165 |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 |
| 3 | QPSK | 1 | 0 | 22.96 | 23.23 | 22.90 |
| 3 | QPSK | 1 | 8 | 23.14 | 23.13 | 23.03 |
| 3 | QPSK | 1 | 14 | 23.08 | 23.19 | 23.14 |
| 3 | QPSK | 8 | 0 | 22.37 | 22.35 | 22.35 |
| 3 | QPSK | 8 | 4 | 22.40 | 22.43 | 22.44 |
| 3 | QPSK | 8 | 7 | 22.35 | 22.43 | 22.37 |
| 3 | QPSK | 15 | 0 | 22.34 | 22.42 | 22.28 |
| 3 | 16QAM | 1 | 0 | 22.35 | 22.71 | 22.30 |
| 3 | 16QAM | 1 | 8 | 22.55 | 22.53 | 22.48 |
| 3 | 16QAM | 1 | 14 | 22.38 | 22.43 | 22.29 |
| 3 | 16QAM | 8 | 0 | 22.35 | 22.24 | 22.27 |
| 3 | 16QAM | 8 | 4 | 22.40 | 22.37 | 22.48 |
| 3 | 16QAM | 8 | 7 | 22.24 | 22.27 | 22.33 |
| 3 | 16QAM | 15 | 0 | 22.22 | 22.15 | 22.14 |



| 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 | 22.99 | 23.16 | 22.96 |
| 1.4 | QPSK | 1 | 3 | 23.10 | 23.09 | 23.11 |
| 1.4 | QPSK | 1 | 5 | 22.99 | 23.04 | 23.00 |
| 1.4 | QPSK | 3 | 0 | 22.94 | 23.07 | 23.05 |
| 1.4 | QPSK | 3 | 1 | 23.15 | 23.15 | 22.82 |
| 1.4 | QPSK | 3 | 3 | 23.10 | 23.12 | 23.08 |
| 1.4 | QPSK | 6 | 0 | 22.34 | 22.31 | 22.29 |
| 1.4 | 16QAM | 1 | 0 | 22.38 | 22.32 | 22.17 |
| 1.4 | 16QAM | 1 | 3 | 22.19 | 22.62 | 22.29 |
| 1.4 | 16QAM | 1 | 5 | 22.31 | 22.32 | 22.31 |
| 1.4 | 16QAM | 3 | 0 | 22.15 | 22.18 | 22.19 |
| 1.4 | 16QAM | 3 | 1 | 22.31 | 22.39 | 22.23 |
| 1.4 | 16QAM | 3 | 3 | 22.14 | 22.28 | 22.28 |
| 1.4 | 16QAM | 6 | 0 | 22.07 | 22.27 | 22.17 |



| LTE Band 13 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | / | 23230 | / |
| Frequency (MHz) | | | | / | 782 | / |
| 10 | QPSK | 1 | 0 | / | 23.35 | / |
| 10 | QPSK | 1 | 25 | / | 23.27 | / |
| 10 | QPSK | 1 | 49 | / | 23.32 | / |
| 10 | QPSK | 25 | 0 | / | 22.59 | / |
| 10 | QPSK | 25 | 12 | / | 22.40 | / |
| 10 | QPSK | 25 | 25 | / | 22.34 | / |
| 10 | QPSK | 50 | 0 | / | 22.37 | / |
| 10 | 16QAM | 1 | 0 | / | 22.49 | / |
| 10 | 16QAM | 1 | 25 | / | 22.41 | / |
| 10 | 16QAM | 1 | 49 | / | 22.71 | / |
| 10 | 16QAM | 25 | 0 | / | 22.52 | / |
| 10 | 16QAM | 25 | 12 | / | 22.47 | / |
| 10 | 16QAM | 25 | 25 | / | 22.60 | / |
| 10 | 16QAM | 50 | 0 | / | 22.37 | / |



| LTE Band 13 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23205 | 23230 | 23255 |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 |
| 5 | QPSK | 1 | 0 | 23.24 | 23.27 | 23.25 |
| 5 | QPSK | 1 | 12 | 23.24 | 23.26 | 23.22 |
| 5 | QPSK | 1 | 24 | 23.23 | 23.21 | 23.14 |
| 5 | QPSK | 12 | 0 | 22.15 | 22.23 | 22.32 |
| 5 | QPSK | 12 | 7 | 22.22 | 22.21 | 22.30 |
| 5 | QPSK | 12 | 13 | 22.14 | 22.30 | 22.28 |
| 5 | QPSK | 25 | 0 | 22.21 | 22.18 | 22.28 |
| 5 | 16QAM | 1 | 0 | 22.28 | 22.64 | 22.43 |
| 5 | 16QAM | 1 | 12 | 22.14 | 22.29 | 22.17 |
| 5 | 16QAM | 1 | 24 | 22.24 | 22.06 | 22.07 |
| 5 | 16QAM | 12 | 0 | 22.67 | 22.64 | 22.57 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.57 | 22.69 |
| 5 | 16QAM | 12 | 13 | 22.65 | 22.64 | 22.68 |
| 5 | 16QAM | 25 | 0 | 22.22 | 22.26 | 22.28 |



| 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 | 23.09 | 23.21 | 23.16 |
| 10 | QPSK | 1 | 25 | 23.07 | 23.15 | 23.02 |
| 10 | QPSK | 1 | 49 | 22.99 | 23.12 | 23.12 |
| 10 | QPSK | 25 | 0 | 22.29 | 22.42 | 22.39 |
| 10 | QPSK | 25 | 12 | 22.29 | 22.37 | 22.37 |
| 10 | QPSK | 25 | 25 | 22.18 | 22.29 | 22.30 |
| 10 | QPSK | 50 | 0 | 22.28 | 22.32 | 22.39 |
| 10 | 16QAM | 1 | 0 | 22.15 | 22.23 | 22.12 |
| 10 | 16QAM | 1 | 25 | 22.30 | 22.07 | 22.21 |
| 10 | 16QAM | 1 | 49 | 22.09 | 22.31 | 22.07 |
| 10 | 16QAM | 25 | 0 | 22.20 | 22.25 | 22.35 |
| 10 | 16QAM | 25 | 12 | 22.16 | 22.27 | 22.16 |
| 10 | 16QAM | 25 | 25 | 22.12 | 22.13 | 22.13 |
| 10 | 16QAM | 50 | 0 | 22.14 | 22.22 | 22.23 |



| 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 | 22.96 | 23.00 | 23.10 |
| 5 | QPSK | 1 | 12 | 23.00 | 23.09 | 23.01 |
| 5 | QPSK | 1 | 24 | 22.87 | 23.09 | 23.12 |
| 5 | QPSK | 12 | 0 | 22.11 | 22.18 | 22.21 |
| 5 | QPSK | 12 | 7 | 22.15 | 22.28 | 22.24 |
| 5 | QPSK | 12 | 13 | 22.20 | 22.19 | 22.28 |
| 5 | QPSK | 25 | 0 | 22.15 | 22.17 | 22.18 |
| 5 | 16QAM | 1 | 0 | 22.09 | 22.31 | 22.03 |
| 5 | 16QAM | 1 | 12 | 22.17 | 22.17 | 22.01 |
| 5 | 16QAM | 1 | 24 | 22.03 | 22.33 | 22.12 |
| 5 | 16QAM | 12 | 0 | 22.04 | 22.06 | 22.25 |
| 5 | 16QAM | 12 | 7 | 21.99 | 22.06 | 22.12 |
| 5 | 16QAM | 12 | 13 | 21.95 | 22.04 | 22.10 |
| 5 | 16QAM | 25 | 0 | 22.06 | 22.07 | 22.16 |



| LTE Band 25 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26140 | 26365 | 26590 |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 |
| 20 | QPSK | 1 | 0 | 23.23 | 23.28 | 23.23 |
| 20 | QPSK | 1 | 49 | 23.11 | 23.07 | 23.13 |
| 20 | QPSK | 1 | 99 | 23.04 | 23.07 | 23.02 |
| 20 | QPSK | 50 | 0 | 22.48 | 22.54 | 22.46 |
| 20 | QPSK | 50 | 24 | 22.33 | 22.27 | 22.41 |
| 20 | QPSK | 50 | 50 | 22.31 | 22.31 | 22.40 |
| 20 | QPSK | 100 | 0 | 22.44 | 22.31 | 22.32 |
| 20 | 16QAM | 1 | 0 | 22.17 | 22.36 | 22.50 |
| 20 | 16QAM | 1 | 49 | 22.24 | 22.53 | 22.37 |
| 20 | 16QAM | 1 | 99 | 22.20 | 22.45 | 22.50 |
| 20 | 16QAM | 50 | 0 | 22.14 | 22.38 | 22.37 |
| 20 | 16QAM | 50 | 24 | 22.20 | 22.35 | 22.33 |
| 20 | 16QAM | 50 | 50 | 22.03 | 22.29 | 22.34 |
| 20 | 16QAM | 100 | 0 | 22.07 | 22.36 | 22.33 |



| LTE Band 25 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26115 | 26365 | 26615 |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 |
| 15 | QPSK | 1 | 0 | 23.17 | 23.13 | 23.09 |
| 15 | QPSK | 1 | 37 | 23.16 | 23.12 | 23.11 |
| 15 | QPSK | 1 | 74 | 23.08 | 23.14 | 23.13 |
| 15 | QPSK | 36 | 0 | 22.24 | 22.42 | 22.58 |
| 15 | QPSK | 36 | 20 | 22.36 | 22.45 | 22.53 |
| 15 | QPSK | 36 | 39 | 22.19 | 22.47 | 22.53 |
| 15 | QPSK | 75 | 0 | 22.22 | 22.39 | 22.52 |
| 15 | 16QAM | 1 | 0 | 22.70 | 22.75 | 22.47 |
| 15 | 16QAM | 1 | 37 | 22.87 | 22.43 | 22.80 |
| 15 | 16QAM | 1 | 74 | 22.71 | 22.76 | 22.92 |
| 15 | 16QAM | 36 | 0 | 22.15 | 22.18 | 22.39 |
| 15 | 16QAM | 36 | 20 | 22.15 | 22.22 | 22.34 |
| 15 | 16QAM | 36 | 39 | 22.06 | 22.31 | 22.34 |
| 15 | 16QAM | 75 | 0 | 22.16 | 22.28 | 22.32 |



| LTE Band 25 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26090 | 26365 | 26640 |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 |
| 10 | QPSK | 1 | 0 | 23.17 | 23.18 | 23.09 |
| 10 | QPSK | 1 | 25 | 23.12 | 23.06 | 23.05 |
| 10 | QPSK | 1 | 49 | 23.15 | 23.13 | 23.05 |
| 10 | QPSK | 25 | 0 | 22.49 | 22.41 | 22.35 |
| 10 | QPSK | 25 | 12 | 22.32 | 22.47 | 22.35 |
| 10 | QPSK | 25 | 25 | 22.34 | 22.46 | 22.13 |
| 10 | QPSK | 50 | 0 | 22.50 | 22.46 | 22.57 |
| 10 | 16QAM | 1 | 0 | 22.45 | 22.35 | 22.60 |
| 10 | 16QAM | 1 | 25 | 22.39 | 22.17 | 22.63 |
| 10 | 16QAM | 1 | 49 | 22.37 | 22.60 | 22.60 |
| 10 | 16QAM | 25 | 0 | 22.37 | 22.16 | 22.56 |
| 10 | 16QAM | 25 | 12 | 22.14 | 22.25 | 22.36 |
| 10 | 16QAM | 25 | 25 | 22.24 | 22.20 | 22.26 |
| 10 | 16QAM | 50 | 0 | 22.15 | 22.32 | 22.06 |



| LTE Band 25 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26065 | 26365 | 26665 |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 |
| 5 | QPSK | 1 | 0 | 23.11 | 23.16 | 23.13 |
| 5 | QPSK | 1 | 12 | 23.09 | 23.09 | 23.08 |
| 5 | QPSK | 1 | 24 | 23.15 | 23.13 | 23.11 |
| 5 | QPSK | 12 | 0 | 22.54 | 22.28 | 22.54 |
| 5 | QPSK | 12 | 7 | 22.67 | 22.53 | 22.64 |
| 5 | QPSK | 12 | 13 | 22.24 | 22.63 | 22.56 |
| 5 | QPSK | 25 | 0 | 22.61 | 22.40 | 22.57 |
| 5 | 16QAM | 1 | 0 | 22.61 | 22.31 | 22.50 |
| 5 | 16QAM | 1 | 12 | 22.33 | 22.17 | 22.61 |
| 5 | 16QAM | 1 | 24 | 22.24 | 22.26 | 22.60 |
| 5 | 16QAM | 12 | 0 | 22.11 | 22.09 | 22.45 |
| 5 | 16QAM | 12 | 7 | 22.14 | 22.26 | 22.22 |
| 5 | 16QAM | 12 | 13 | 22.11 | 22.22 | 22.37 |
| 5 | 16QAM | 25 | 0 | 22.02 | 22.19 | 22.29 |



| LTE Band 25 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26055 | 26365 | 26675 |
| Frequency (MHz) | | | | 1851.5 | 1882.5 | 1913.5 |
| 3 | QPSK | 1 | 0 | 23.10 | 23.12 | 23.14 |
| 3 | QPSK | 1 | 8 | 23.13 | 23.08 | 23.12 |
| 3 | QPSK | 1 | 14 | 23.01 | 23.09 | 23.02 |
| 3 | QPSK | 8 | 0 | 22.19 | 22.32 | 22.38 |
| 3 | QPSK | 8 | 4 | 22.34 | 22.31 | 22.49 |
| 3 | QPSK | 8 | 7 | 22.18 | 22.32 | 22.41 |
| 3 | QPSK | 15 | 0 | 22.25 | 22.31 | 22.45 |
| 3 | 16QAM | 1 | 0 | 22.31 | 22.39 | 22.55 |
| 3 | 16QAM | 1 | 8 | 22.59 | 22.55 | 22.39 |
| 3 | 16QAM | 1 | 14 | 22.65 | 22.55 | 22.50 |
| 3 | 16QAM | 8 | 0 | 22.09 | 22.09 | 22.09 |
| 3 | 16QAM | 8 | 4 | 22.09 | 22.25 | 22.44 |
| 3 | 16QAM | 8 | 7 | 22.20 | 22.39 | 22.45 |
| 3 | 16QAM | 15 | 0 | 22.24 | 22.14 | 22.35 |



| LTE Band 25 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26047 | 26365 | 26683 |
| Frequency (MHz) | | | | 1850.7 | 1882.5 | 1914.3 |
| 1.4 | QPSK | 1 | 0 | 23.11 | 23.11 | 23.09 |
| 1.4 | QPSK | 1 | 3 | 23.08 | 23.09 | 23.03 |
| 1.4 | QPSK | 1 | 5 | 23.03 | 23.09 | 23.00 |
| 1.4 | QPSK | 3 | 0 | 22.98 | 23.02 | 23.11 |
| 1.4 | QPSK | 3 | 1 | 23.01 | 23.05 | 23.08 |
| 1.4 | QPSK | 3 | 3 | 23.06 | 22.99 | 23.03 |
| 1.4 | QPSK | 6 | 0 | 22.30 | 22.47 | 22.29 |
| 1.4 | 16QAM | 1 | 0 | 22.61 | 22.43 | 22.13 |
| 1.4 | 16QAM | 1 | 3 | 22.39 | 22.13 | 22.38 |
| 1.4 | 16QAM | 1 | 5 | 22.13 | 22.39 | 22.50 |
| 1.4 | 16QAM | 3 | 0 | 22.36 | 22.38 | 22.40 |
| 1.4 | 16QAM | 3 | 1 | 22.40 | 22.55 | 22.61 |
| 1.4 | 16QAM | 3 | 3 | 22.17 | 22.41 | 22.65 |
| 1.4 | 16QAM | 6 | 0 | 22.27 | 22.40 | 22.07 |



| 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 | 23.21 | 23.25 | 23.22 |
| 15 | QPSK | 1 | 37 | 23.19 | 23.16 | 23.22 |
| 15 | QPSK | 1 | 74 | 23.17 | 23.15 | 23.17 |
| 15 | QPSK | 36 | 0 | 22.53 | 22.61 | 22.49 |
| 15 | QPSK | 36 | 20 | 22.42 | 22.36 | 22.21 |
| 15 | QPSK | 36 | 39 | 22.44 | 22.23 | 22.29 |
| 15 | QPSK | 75 | 0 | 22.50 | 22.24 | 22.31 |
| 15 | 16QAM | 1 | 0 | 22.22 | 22.37 | 22.65 |
| 15 | 16QAM | 1 | 37 | 22.18 | 22.29 | 22.43 |
| 15 | 16QAM | 1 | 74 | 22.33 | 22.22 | 22.23 |
| 15 | 16QAM | 36 | 0 | 22.33 | 22.19 | 22.22 |
| 15 | 16QAM | 36 | 20 | 22.28 | 22.08 | 22.23 |
| 15 | 16QAM | 36 | 39 | 22.35 | 22.15 | 22.23 |
| 15 | 16QAM | 75 | 0 | 22.23 | 22.25 | 22.25 |



| 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 | 23.13 | 23.17 | 23.14 |
| 10 | QPSK | 1 | 25 | 23.16 | 23.15 | 23.08 |
| 10 | QPSK | 1 | 49 | 23.02 | 23.15 | 23.07 |
| 10 | QPSK | 25 | 0 | 22.55 | 22.36 | 22.22 |
| 10 | QPSK | 25 | 12 | 22.51 | 22.33 | 22.12 |
| 10 | QPSK | 25 | 25 | 22.50 | 22.34 | 22.19 |
| 10 | QPSK | 50 | 0 | 22.51 | 22.39 | 22.21 |
| 10 | 16QAM | 1 | 0 | 22.23 | 22.55 | 22.32 |
| 10 | 16QAM | 1 | 25 | 22.32 | 22.41 | 22.46 |
| 10 | 16QAM | 1 | 49 | 22.26 | 22.25 | 22.23 |
| 10 | 16QAM | 25 | 0 | 22.27 | 22.41 | 22.70 |
| 10 | 16QAM | 25 | 12 | 22.28 | 22.44 | 22.52 |
| 10 | 16QAM | 25 | 25 | 22.45 | 22.33 | 22.39 |
| 10 | 16QAM | 50 | 0 | 22.62 | 22.49 | 22.51 |



| 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 | 23.12 | 23.17 | 23.13 |
| 5 | QPSK | 1 | 12 | 23.07 | 23.11 | 23.13 |
| 5 | QPSK | 1 | 24 | 23.03 | 23.15 | 23.15 |
| 5 | QPSK | 12 | 0 | 22.49 | 22.31 | 22.20 |
| 5 | QPSK | 12 | 7 | 22.59 | 22.30 | 22.30 |
| 5 | QPSK | 12 | 13 | 22.48 | 22.25 | 22.19 |
| 5 | QPSK | 25 | 0 | 22.52 | 22.33 | 22.38 |
| 5 | 16QAM | 1 | 0 | 22.23 | 22.23 | 22.24 |
| 5 | 16QAM | 1 | 12 | 22.27 | 22.17 | 22.14 |
| 5 | 16QAM | 1 | 24 | 22.32 | 22.32 | 22.37 |
| 5 | 16QAM | 12 | 0 | 22.60 | 22.42 | 22.40 |
| 5 | 16QAM | 12 | 7 | 22.45 | 22.47 | 22.16 |
| 5 | 16QAM | 12 | 13 | 22.57 | 22.42 | 22.21 |
| 5 | 16QAM | 25 | 0 | 22.12 | 22.26 | 22.23 |



| 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 | 23.16 | 23.13 | 23.18 |
| 3 | QPSK | 1 | 8 | 23.07 | 23.15 | 23.07 |
| 3 | QPSK | 1 | 14 | 23.12 | 23.08 | 23.14 |
| 3 | QPSK | 8 | 0 | 22.39 | 22.23 | 22.42 |
| 3 | QPSK | 8 | 4 | 22.56 | 22.30 | 22.19 |
| 3 | QPSK | 8 | 7 | 22.56 | 22.29 | 22.40 |
| 3 | QPSK | 15 | 0 | 22.41 | 22.21 | 22.31 |
| 3 | 16QAM | 1 | 0 | 22.52 | 22.46 | 22.47 |
| 3 | 16QAM | 1 | 8 | 22.51 | 22.40 | 22.43 |
| 3 | 16QAM | 1 | 14 | 22.49 | 22.34 | 22.34 |
| 3 | 16QAM | 8 | 0 | 22.58 | 22.21 | 22.28 |
| 3 | 16QAM | 8 | 4 | 22.52 | 22.19 | 22.23 |
| 3 | 16QAM | 8 | 7 | 22.28 | 22.25 | 22.19 |
| 3 | 16QAM | 15 | 0 | 22.35 | 22.22 | 22.32 |



| 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 | 23.03 | 23.13 | 23.13 |
| 1.4 | QPSK | 1 | 3 | 23.02 | 23.13 | 23.05 |
| 1.4 | QPSK | 1 | 5 | 23.02 | 23.04 | 23.04 |
| 1.4 | QPSK | 3 | 0 | 23.16 | 23.04 | 23.06 |
| 1.4 | QPSK | 3 | 1 | 23.07 | 23.07 | 23.12 |
| 1.4 | QPSK | 3 | 3 | 23.07 | 23.13 | 23.15 |
| 1.4 | QPSK | 6 | 0 | 22.17 | 22.39 | 22.42 |
| 1.4 | 16QAM | 1 | 0 | 22.22 | 22.29 | 22.29 |
| 1.4 | 16QAM | 1 | 3 | 22.29 | 22.23 | 22.23 |
| 1.4 | 16QAM | 1 | 5 | 22.38 | 22.52 | 22.33 |
| 1.4 | 16QAM | 3 | 0 | 22.39 | 22.15 | 22.40 |
| 1.4 | 16QAM | 3 | 1 | 22.39 | 22.18 | 22.31 |
| 1.4 | 16QAM | 3 | 3 | 22.39 | 22.16 | 22.12 |
| 1.4 | 16QAM | 6 | 0 | 22.75 | 22.72 | 22.70 |



| LTE Band 30 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | / | 27710 | / |
| Frequency (MHz) | | | | / | 2310 | / |
| 10 | QPSK | 1 | 0 | / | 22.83 | / |
| 10 | QPSK | 1 | 25 | / | 22.78 | / |
| 10 | QPSK | 1 | 49 | / | 22.82 | / |
| 10 | QPSK | 25 | 0 | / | 21.79 | / |
| 10 | QPSK | 25 | 12 | / | 21.68 | / |
| 10 | QPSK | 25 | 25 | / | 21.66 | / |
| 10 | QPSK | 50 | 0 | / | 21.77 | / |
| 10 | 16QAM | 1 | 0 | / | 21.74 | / |
| 10 | 16QAM | 1 | 25 | / | 21.65 | / |
| 10 | 16QAM | 1 | 49 | / | 21.91 | / |
| 10 | 16QAM | 25 | 0 | / | 21.77 | / |
| 10 | 16QAM | 25 | 12 | / | 21.76 | / |
| 10 | 16QAM | 25 | 25 | / | 21.74 | / |
| 10 | 16QAM | 50 | 0 | / | 21.70 | / |



| LTE Band 30 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 27685 | 27710 | 27735 |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 |
| 5 | QPSK | 1 | 0 | 22.66 | 22.77 | 22.64 |
| 5 | QPSK | 1 | 12 | 22.72 | 22.71 | 22.81 |
| 5 | QPSK | 1 | 24 | 22.65 | 22.61 | 22.78 |
| 5 | QPSK | 12 | 0 | 21.77 | 21.84 | 21.78 |
| 5 | QPSK | 12 | 7 | 21.95 | 21.82 | 21.74 |
| 5 | QPSK | 12 | 13 | 21.80 | 21.73 | 21.76 |
| 5 | QPSK | 25 | 0 | 21.85 | 21.69 | 21.75 |
| 5 | 16QAM | 1 | 0 | 21.84 | 21.91 | 21.77 |
| 5 | 16QAM | 1 | 12 | 21.72 | 21.87 | 21.55 |
| 5 | 16QAM | 1 | 24 | 21.83 | 21.48 | 21.58 |
| 5 | 16QAM | 12 | 0 | 21.51 | 21.58 | 21.75 |
| 5 | 16QAM | 12 | 7 | 21.54 | 21.58 | 21.59 |
| 5 | 16QAM | 12 | 13 | 21.51 | 21.70 | 21.68 |
| 5 | 16QAM | 25 | 0 | 21.59 | 21.69 | 21.81 |



| LTE Band 40, Block A | | | | | | |
|----------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | / | 38750 | / |
| Frequency (MHz) | | | | / | 2310 | / |
| 10 | QPSK | 1 | 0 | / | 23.12 | / |
| 10 | QPSK | 1 | 25 | / | 23.03 | / |
| 10 | QPSK | 1 | 49 | / | 23.01 | / |
| 10 | QPSK | 25 | 0 | / | 22.42 | / |
| 10 | QPSK | 25 | 12 | / | 22.29 | / |
| 10 | QPSK | 25 | 25 | / | 22.31 | / |
| 10 | QPSK | 50 | 0 | / | 22.23 | / |
| 10 | 16QAM | 1 | 0 | / | 22.32 | / |
| 10 | 16QAM | 1 | 25 | / | 22.30 | / |
| 10 | 16QAM | 1 | 49 | / | 22.34 | / |
| 10 | 16QAM | 25 | 0 | / | 22.23 | / |
| 10 | 16QAM | 25 | 12 | / | 22.30 | / |
| 10 | 16QAM | 25 | 25 | / | 22.27 | / |
| 10 | 16QAM | 50 | 0 | / | 22.34 | / |



| 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 | 22.69 | 23.01 | 22.92 |
| 5 | QPSK | 1 | 12 | 22.78 | 22.96 | 22.77 |
| 5 | QPSK | 1 | 24 | 22.73 | 22.79 | 22.89 |
| 5 | QPSK | 12 | 0 | 22.02 | 22.15 | 22.27 |
| 5 | QPSK | 12 | 7 | 22.18 | 22.24 | 22.34 |
| 5 | QPSK | 12 | 13 | 22.28 | 22.44 | 22.47 |
| 5 | QPSK | 25 | 0 | 22.31 | 22.37 | 22.58 |
| 5 | 16QAM | 1 | 0 | 22.13 | 22.30 | 22.38 |
| 5 | 16QAM | 1 | 12 | 22.29 | 22.40 | 22.47 |
| 5 | 16QAM | 1 | 24 | 22.21 | 22.30 | 22.29 |
| 5 | 16QAM | 12 | 0 | 22.27 | 22.15 | 22.31 |
| 5 | 16QAM | 12 | 7 | 22.29 | 22.21 | 22.24 |
| 5 | 16QAM | 12 | 13 | 22.14 | 22.12 | 22.31 |
| 5 | 16QAM | 25 | 0 | 22.11 | 22.23 | 22.26 |



| LTE Band 40, Block B | | | | | | |
|----------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | / | 39200 | / |
| Frequency (MHz) | | | | / | 2355 | / |
| 10 | QPSK | 1 | 0 | / | 23.14 | / |
| 10 | QPSK | 1 | 25 | / | 23.05 | / |
| 10 | QPSK | 1 | 49 | / | 23.01 | / |
| 10 | QPSK | 25 | 0 | / | 22.35 | / |
| 10 | QPSK | 25 | 12 | / | 22.27 | / |
| 10 | QPSK | 25 | 25 | / | 22.28 | / |
| 10 | QPSK | 50 | 0 | / | 22.25 | / |
| 10 | 16QAM | 1 | 0 | / | 22.35 | / |
| 10 | 16QAM | 1 | 25 | / | 22.26 | / |
| 10 | 16QAM | 1 | 49 | / | 22.18 | / |
| 10 | 16QAM | 25 | 0 | / | 22.30 | / |
| 10 | 16QAM | 25 | 12 | / | 22.33 | / |
| 10 | 16QAM | 25 | 25 | / | 22.32 | / |
| 10 | 16QAM | 50 | 0 | / | 22.29 | / |



| LTE Band 40, Block B | | | | | | |
|----------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39175 | 39200 | 39225 |
| Frequency (MHz) | | | | 2352.5 | 2355 | 2357.5 |
| 5 | QPSK | 1 | 0 | 23.02 | 22.97 | 23.06 |
| 5 | QPSK | 1 | 12 | 22.97 | 23.01 | 23.04 |
| 5 | QPSK | 1 | 24 | 22.90 | 23.09 | 23.09 |
| 5 | QPSK | 12 | 0 | 22.05 | 22.24 | 22.30 |
| 5 | QPSK | 12 | 7 | 22.07 | 22.28 | 22.30 |
| 5 | QPSK | 12 | 13 | 22.05 | 22.28 | 22.28 |
| 5 | QPSK | 25 | 0 | 22.00 | 22.18 | 22.34 |
| 5 | 16QAM | 1 | 0 | 22.11 | 22.37 | 22.35 |
| 5 | 16QAM | 1 | 12 | 22.06 | 22.24 | 22.30 |
| 5 | 16QAM | 1 | 24 | 21.95 | 22.06 | 22.13 |
| 5 | 16QAM | 12 | 0 | 22.03 | 22.19 | 22.36 |
| 5 | 16QAM | 12 | 7 | 21.95 | 22.28 | 22.36 |
| 5 | 16QAM | 12 | 13 | 22.01 | 22.22 | 22.18 |
| 5 | 16QAM | 25 | 0 | 22.08 | 22.23 | 22.32 |



| 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 | 23.11 | 23.12 | 23.09 |
| 20 | QPSK | 1 | 49 | 22.96 | 23.05 | 23.06 |
| 20 | QPSK | 1 | 99 | 22.90 | 23.01 | 22.86 |
| 20 | QPSK | 50 | 0 | 22.22 | 22.43 | 22.36 |
| 20 | QPSK | 50 | 24 | 22.17 | 22.20 | 22.17 |
| 20 | QPSK | 50 | 50 | 22.20 | 22.21 | 22.27 |
| 20 | QPSK | 100 | 0 | 22.17 | 22.27 | 22.17 |
| 20 | 16QAM | 1 | 0 | 22.21 | 22.20 | 22.17 |
| 20 | 16QAM | 1 | 49 | 22.20 | 22.20 | 22.17 |
| 20 | 16QAM | 1 | 99 | 22.27 | 22.27 | 22.27 |
| 20 | 16QAM | 50 | 0 | 22.18 | 22.20 | 22.17 |
| 20 | 16QAM | 50 | 24 | 22.16 | 22.17 | 22.17 |
| 20 | 16QAM | 50 | 50 | 22.22 | 22.63 | 22.27 |
| 20 | 16QAM | 100 | 0 | 22.16 | 22.62 | 22.20 |



| 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 | 22.66 | 23.02 | 22.88 |
| 15 | QPSK | 1 | 37 | 22.65 | 23.06 | 22.99 |
| 15 | QPSK | 1 | 74 | 22.65 | 22.99 | 22.79 |
| 15 | QPSK | 36 | 0 | 22.03 | 22.22 | 22.41 |
| 15 | QPSK | 36 | 20 | 22.08 | 22.18 | 22.48 |
| 15 | QPSK | 36 | 39 | 22.24 | 22.17 | 22.43 |
| 15 | QPSK | 75 | 0 | 22.02 | 22.20 | 22.40 |
| 15 | 16QAM | 1 | 0 | 21.96 | 22.57 | 22.02 |
| 15 | 16QAM | 1 | 37 | 22.17 | 22.14 | 22.11 |
| 15 | 16QAM | 1 | 74 | 22.13 | 21.71 | 22.04 |
| 15 | 16QAM | 36 | 0 | 22.00 | 22.11 | 22.49 |
| 15 | 16QAM | 36 | 20 | 22.05 | 22.07 | 22.51 |
| 15 | 16QAM | 36 | 39 | 22.12 | 22.61 | 22.27 |
| 15 | 16QAM | 75 | 0 | 22.03 | 22.09 | 21.87 |



| 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 | 22.70 | 22.99 | 22.86 |
| 10 | QPSK | 1 | 25 | 22.90 | 22.86 | 22.81 |
| 10 | QPSK | 1 | 49 | 22.67 | 23.06 | 22.82 |
| 10 | QPSK | 25 | 0 | 21.99 | 22.30 | 22.27 |
| 10 | QPSK | 25 | 12 | 22.07 | 22.19 | 22.27 |
| 10 | QPSK | 25 | 25 | 22.11 | 22.14 | 22.63 |
| 10 | QPSK | 50 | 0 | 22.16 | 22.22 | 21.87 |
| 10 | 16QAM | 1 | 0 | 22.02 | 22.04 | 22.07 |
| 10 | 16QAM | 1 | 25 | 22.20 | 22.19 | 22.11 |
| 10 | 16QAM | 1 | 49 | 22.06 | 22.11 | 22.26 |
| 10 | 16QAM | 25 | 0 | 22.06 | 22.25 | 21.92 |
| 10 | 16QAM | 25 | 12 | 22.19 | 22.11 | 21.68 |
| 10 | 16QAM | 25 | 25 | 22.16 | 22.23 | 22.19 |
| 10 | 16QAM | 50 | 0 | 22.14 | 22.21 | 21.95 |



| LTE Band 41 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 40065 | 40640 | 41215 |
| Frequency (MHz) | | | | 2537.5 | 2595 | 2652.5 |
| 5 | QPSK | 1 | 0 | 22.67 | 22.99 | 22.77 |
| 5 | QPSK | 1 | 12 | 22.66 | 22.86 | 22.81 |
| 5 | QPSK | 1 | 24 | 22.79 | 22.96 | 22.82 |
| 5 | QPSK | 12 | 0 | 21.80 | 22.18 | 21.78 |
| 5 | QPSK | 12 | 7 | 22.09 | 22.24 | 22.21 |
| 5 | QPSK | 12 | 13 | 22.03 | 22.46 | 22.27 |
| 5 | QPSK | 25 | 0 | 22.06 | 22.47 | 22.20 |
| 5 | 16QAM | 1 | 0 | 22.50 | 22.48 | 22.11 |
| 5 | 16QAM | 1 | 12 | 22.11 | 22.65 | 22.01 |
| 5 | 16QAM | 1 | 24 | 22.12 | 22.46 | 22.27 |
| 5 | 16QAM | 12 | 0 | 22.10 | 22.12 | 22.07 |
| 5 | 16QAM | 12 | 7 | 22.22 | 22.22 | 22.20 |
| 5 | 16QAM | 12 | 13 | 22.28 | 22.12 | 21.99 |
| 5 | 16QAM | 25 | 0 | 22.20 | 22.20 | 21.97 |



| 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 | 23.30 | 23.41 | 23.32 |
| 20 | QPSK | 1 | 49 | 23.13 | 23.12 | 23.08 |
| 20 | QPSK | 1 | 99 | 23.06 | 23.05 | 23.08 |
| 20 | QPSK | 50 | 0 | 22.51 | 22.58 | 22.54 |
| 20 | QPSK | 50 | 24 | 22.32 | 22.34 | 22.47 |
| 20 | QPSK | 50 | 50 | 22.36 | 22.44 | 22.32 |
| 20 | QPSK | 100 | 0 | 22.34 | 22.34 | 22.26 |
| 20 | 16QAM | 1 | 0 | 22.39 | 22.15 | 22.43 |
| 20 | 16QAM | 1 | 49 | 22.44 | 22.18 | 22.24 |
| 20 | 16QAM | 1 | 99 | 22.44 | 22.62 | 22.41 |
| 20 | 16QAM | 50 | 0 | 22.56 | 22.53 | 22.50 |
| 20 | 16QAM | 50 | 24 | 22.45 | 22.45 | 22.46 |
| 20 | 16QAM | 50 | 50 | 22.42 | 22.34 | 22.30 |
| 20 | 16QAM | 100 | 0 | 22.38 | 22.41 | 22.47 |



| 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 | 23.14 | 23.18 | 23.16 |
| 15 | QPSK | 1 | 37 | 23.28 | 23.14 | 23.12 |
| 15 | QPSK | 1 | 74 | 23.12 | 23.08 | 23.06 |
| 15 | QPSK | 36 | 0 | 22.33 | 22.30 | 22.34 |
| 15 | QPSK | 36 | 20 | 22.33 | 22.25 | 22.35 |
| 15 | QPSK | 36 | 39 | 22.19 | 22.24 | 22.21 |
| 15 | QPSK | 75 | 0 | 22.28 | 22.32 | 22.25 |
| 15 | 16QAM | 1 | 0 | 22.27 | 22.14 | 22.44 |
| 15 | 16QAM | 1 | 37 | 22.14 | 22.44 | 22.37 |
| 15 | 16QAM | 1 | 74 | 22.24 | 22.14 | 22.14 |
| 15 | 16QAM | 36 | 0 | 22.45 | 22.45 | 22.36 |
| 15 | 16QAM | 36 | 20 | 22.48 | 22.47 | 22.53 |
| 15 | 16QAM | 36 | 39 | 22.40 | 22.55 | 22.49 |
| 15 | 16QAM | 75 | 0 | 22.50 | 22.48 | 22.44 |



| LTE Band 66 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 132022 | 132322 | 132622 |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 |
| 10 | QPSK | 1 | 0 | 23.12 | 23.12 | 23.13 |
| 10 | QPSK | 1 | 25 | 23.02 | 23.00 | 23.08 |
| 10 | QPSK | 1 | 49 | 23.16 | 23.04 | 22.94 |
| 10 | QPSK | 25 | 0 | 22.59 | 22.52 | 22.59 |
| 10 | QPSK | 25 | 12 | 22.56 | 22.75 | 22.53 |
| 10 | QPSK | 25 | 25 | 22.57 | 22.53 | 22.45 |
| 10 | QPSK | 50 | 0 | 22.65 | 22.50 | 22.69 |
| 10 | 16QAM | 1 | 0 | 22.57 | 22.57 | 22.77 |
| 10 | 16QAM | 1 | 25 | 22.57 | 22.66 | 22.78 |
| 10 | 16QAM | 1 | 49 | 22.40 | 22.60 | 22.48 |
| 10 | 16QAM | 25 | 0 | 22.41 | 22.58 | 22.46 |
| 10 | 16QAM | 25 | 12 | 22.40 | 22.60 | 22.51 |
| 10 | 16QAM | 25 | 25 | 22.31 | 22.36 | 22.36 |
| 10 | 16QAM | 50 | 0 | 22.47 | 22.51 | 22.52 |



| LTE Band 66 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 131997 | 132322 | 132647 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | QPSK | 1 | 0 | 23.01 | 23.04 | 23.09 |
| 5 | QPSK | 1 | 12 | 23.04 | 23.04 | 23.03 |
| 5 | QPSK | 1 | 24 | 23.12 | 23.02 | 23.08 |
| 5 | QPSK | 12 | 0 | 22.28 | 22.30 | 22.26 |
| 5 | QPSK | 12 | 7 | 22.30 | 22.38 | 22.31 |
| 5 | QPSK | 12 | 13 | 22.21 | 22.27 | 22.28 |
| 5 | QPSK | 25 | 0 | 22.31 | 22.32 | 22.31 |
| 5 | 16QAM | 1 | 0 | 22.80 | 22.49 | 22.50 |
| 5 | 16QAM | 1 | 12 | 22.43 | 22.72 | 22.67 |
| 5 | 16QAM | 1 | 24 | 22.55 | 22.44 | 22.79 |
| 5 | 16QAM | 12 | 0 | 22.44 | 22.55 | 22.51 |
| 5 | 16QAM | 12 | 7 | 22.61 | 22.53 | 22.65 |
| 5 | 16QAM | 12 | 13 | 22.52 | 22.46 | 22.53 |
| 5 | 16QAM | 25 | 0 | 22.53 | 22.55 | 22.47 |



| 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 | 23.08 | 22.99 | 22.98 |
| 3 | QPSK | 1 | 8 | 22.95 | 22.96 | 23.04 |
| 3 | QPSK | 1 | 14 | 22.86 | 22.67 | 22.97 |
| 3 | QPSK | 8 | 0 | 22.54 | 22.51 | 22.55 |
| 3 | QPSK | 8 | 4 | 22.54 | 22.46 | 22.56 |
| 3 | QPSK | 8 | 7 | 22.40 | 22.45 | 22.42 |
| 3 | QPSK | 15 | 0 | 22.49 | 22.53 | 22.46 |
| 3 | 16QAM | 1 | 0 | 22.18 | 22.59 | 22.35 |
| 3 | 16QAM | 1 | 8 | 22.51 | 22.45 | 22.44 |
| 3 | 16QAM | 1 | 14 | 22.55 | 22.44 | 22.14 |
| 3 | 16QAM | 8 | 0 | 22.36 | 22.36 | 22.27 |
| 3 | 16QAM | 8 | 4 | 22.39 | 22.38 | 22.44 |
| 3 | 16QAM | 8 | 7 | 22.31 | 22.46 | 22.40 |
| 3 | 16QAM | 15 | 0 | 22.41 | 22.39 | 22.35 |



| LTE Band 66 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 131979 | 132322 | 132665 |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 |
| 1.4 | QPSK | 1 | 0 | 23.02 | 22.93 | 22.94 |
| 1.4 | QPSK | 1 | 3 | 23.08 | 23.10 | 23.10 |
| 1.4 | QPSK | 1 | 5 | 23.00 | 22.88 | 23.04 |
| 1.4 | QPSK | 3 | 0 | 22.99 | 22.92 | 22.99 |
| 1.4 | QPSK | 3 | 1 | 22.96 | 23.02 | 22.93 |
| 1.4 | QPSK | 3 | 3 | 22.97 | 22.93 | 22.85 |
| 1.4 | QPSK | 6 | 0 | 22.57 | 22.42 | 22.61 |
| 1.4 | 16QAM | 1 | 0 | 22.49 | 22.49 | 22.69 |
| 1.4 | 16QAM | 1 | 3 | 22.49 | 22.58 | 22.70 |
| 1.4 | 16QAM | 1 | 5 | 22.52 | 22.72 | 22.60 |
| 1.4 | 16QAM | 3 | 0 | 22.23 | 22.20 | 22.46 |
| 1.4 | 16QAM | 3 | 1 | 22.32 | 22.22 | 22.34 |
| 1.4 | 16QAM | 3 | 3 | 22.33 | 22.34 | 22.28 |
| 1.4 | 16QAM | 6 | 0 | 22.22 | 22.13 | 22.14 |



| LTE Band 71 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 133222 | 133322 | 133372 |
| Frequency (MHz) | | | | 673 | 683 | 688 |
| 20 | QPSK | 1 | 0 | 23.14 | 23.21 | 23.18 |
| 20 | QPSK | 1 | 49 | 23.13 | 23.15 | 23.15 |
| 20 | QPSK | 1 | 99 | 23.05 | 23.11 | 23.08 |
| 20 | QPSK | 50 | 0 | 22.25 | 22.47 | 22.33 |
| 20 | QPSK | 50 | 24 | 22.18 | 22.25 | 22.21 |
| 20 | QPSK | 50 | 50 | 22.22 | 22.27 | 22.21 |
| 20 | QPSK | 100 | 0 | 22.10 | 22.21 | 22.24 |
| 20 | 16QAM | 1 | 0 | 22.22 | 22.22 | 22.15 |
| 20 | 16QAM | 1 | 49 | 22.47 | 22.07 | 22.47 |
| 20 | 16QAM | 1 | 99 | 22.41 | 22.40 | 22.51 |
| 20 | 16QAM | 50 | 0 | 22.26 | 22.40 | 22.01 |
| 20 | 16QAM | 50 | 24 | 22.37 | 22.19 | 22.10 |
| 20 | 16QAM | 50 | 50 | 22.36 | 22.00 | 22.04 |
| 20 | 16QAM | 100 | 0 | 22.37 | 22.40 | 22.06 |



| LTE Band 71 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 133197 | 133297 | 133397 |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 |
| 15 | QPSK | 1 | 0 | 22.87 | 23.05 | 23.06 |
| 15 | QPSK | 1 | 37 | 22.85 | 22.98 | 23.09 |
| 15 | QPSK | 1 | 74 | 22.87 | 23.09 | 23.06 |
| 15 | QPSK | 36 | 0 | 21.96 | 22.21 | 22.25 |
| 15 | QPSK | 36 | 20 | 22.16 | 22.25 | 22.21 |
| 15 | QPSK | 36 | 39 | 22.23 | 22.21 | 22.14 |
| 15 | QPSK | 75 | 0 | 22.11 | 22.11 | 22.12 |
| 15 | 16QAM | 1 | 0 | 22.19 | 22.21 | 22.11 |
| 15 | 16QAM | 1 | 37 | 22.21 | 22.25 | 21.93 |
| 15 | 16QAM | 1 | 74 | 22.22 | 22.12 | 21.92 |
| 15 | 16QAM | 36 | 0 | 22.25 | 22.21 | 22.10 |
| 15 | 16QAM | 36 | 20 | 22.23 | 22.37 | 22.14 |
| 15 | 16QAM | 36 | 39 | 22.25 | 22.27 | 22.12 |
| 15 | 16QAM | 75 | 0 | 22.21 | 22.16 | 22.10 |



| LTE Band 71 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 133172 | 133272 | 133422 |
| Frequency (MHz) | | | | 668 | 678 | 693 |
| 10 | QPSK | 1 | 0 | 22.90 | 23.09 | 22.88 |
| 10 | QPSK | 1 | 25 | 23.01 | 22.88 | 23.08 |
| 10 | QPSK | 1 | 49 | 23.02 | 23.04 | 22.77 |
| 10 | QPSK | 25 | 0 | 22.21 | 22.07 | 22.07 |
| 10 | QPSK | 25 | 12 | 22.44 | 22.40 | 22.11 |
| 10 | QPSK | 25 | 25 | 22.45 | 22.47 | 22.07 |
| 10 | QPSK | 50 | 0 | 22.43 | 22.35 | 22.07 |
| 10 | 16QAM | 1 | 0 | 22.03 | 21.80 | 22.11 |
| 10 | 16QAM | 1 | 25 | 22.17 | 22.07 | 22.47 |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.10 | 22.19 |
| 10 | 16QAM | 25 | 0 | 22.07 | 22.18 | 22.14 |
| 10 | 16QAM | 25 | 12 | 22.37 | 22.07 | 22.20 |
| 10 | 16QAM | 25 | 25 | 22.07 | 22.21 | 22.26 |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.23 | 22.15 |



| LTE Band 71 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 133147 | 133247 | 133447 |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 |
| 5 | QPSK | 1 | 0 | 22.94 | 23.04 | 22.88 |
| 5 | QPSK | 1 | 12 | 22.88 | 23.09 | 23.07 |
| 5 | QPSK | 1 | 24 | 22.88 | 22.87 | 22.86 |
| 5 | QPSK | 12 | 0 | 22.08 | 22.56 | 22.15 |
| 5 | QPSK | 12 | 7 | 22.22 | 22.21 | 22.21 |
| 5 | QPSK | 12 | 13 | 22.10 | 22.12 | 22.14 |
| 5 | QPSK | 25 | 0 | 22.40 | 22.41 | 22.07 |
| 5 | 16QAM | 1 | 0 | 22.36 | 22.47 | 22.37 |
| 5 | 16QAM | 1 | 12 | 22.19 | 22.37 | 22.07 |
| 5 | 16QAM | 1 | 24 | 22.19 | 22.20 | 22.19 |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.25 | 22.19 |
| 5 | 16QAM | 12 | 7 | 22.19 | 22.21 | 22.19 |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.22 | 22.19 |
| 5 | 16QAM | 25 | 0 | 22.37 | 22.09 | 22.27 |



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 | 19.72 | 0.094 | 19.75 | 0.094 | 19.69 | 0.093 |
| 20 | QPSK | 1 | 49 | 19.70 | 0.093 | 19.64 | 0.092 | 19.57 | 0.091 |
| 20 | QPSK | 1 | 99 | 19.64 | 0.092 | 19.60 | 0.091 | 19.58 | 0.091 |
| 20 | QPSK | 50 | 0 | 18.80 | 0.076 | 18.89 | 0.077 | 18.82 | 0.076 |
| 20 | QPSK | 50 | 24 | 18.81 | 0.076 | 18.86 | 0.077 | 18.86 | 0.077 |
| 20 | QPSK | 50 | 50 | 18.86 | 0.077 | 18.82 | 0.076 | 18.88 | 0.077 |
| 20 | QPSK | 100 | 0 | 18.79 | 0.076 | 18.88 | 0.077 | 18.84 | 0.077 |
| 20 | 16QAM | 1 | 0 | 18.85 | 0.077 | 18.85 | 0.077 | 18.87 | 0.077 |
| 20 | 16QAM | 1 | 49 | 18.69 | 0.074 | 18.99 | 0.079 | 18.95 | 0.079 |
| 20 | 16QAM | 1 | 99 | 18.94 | 0.078 | 18.79 | 0.076 | 19.19 | 0.083 |
| 20 | 16QAM | 50 | 0 | 18.87 | 0.077 | 18.84 | 0.077 | 18.82 | 0.076 |
| 20 | 16QAM | 50 | 24 | 18.83 | 0.076 | 18.88 | 0.077 | 18.89 | 0.077 |
| 20 | 16QAM | 50 | 50 | 18.91 | 0.078 | 18.88 | 0.077 | 18.95 | 0.079 |
| 20 | 16QAM | 100 | 0 | 18.94 | 0.078 | 18.95 | 0.079 | 18.82 | 0.076 |



| 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 | 19.53 | 0.090 | 19.56 | 0.090 | 19.47 | 0.089 |
| 15 | QPSK | 1 | 37 | 19.32 | 0.086 | 19.68 | 0.093 | 19.56 | 0.090 |
| 15 | QPSK | 1 | 74 | 19.69 | 0.093 | 19.61 | 0.091 | 19.69 | 0.093 |
| 15 | QPSK | 36 | 0 | 18.66 | 0.073 | 18.75 | 0.075 | 18.74 | 0.075 |
| 15 | QPSK | 36 | 20 | 18.65 | 0.073 | 18.84 | 0.077 | 18.81 | 0.076 |
| 15 | QPSK | 36 | 39 | 18.77 | 0.075 | 18.78 | 0.076 | 18.75 | 0.075 |
| 15 | QPSK | 75 | 0 | 18.69 | 0.074 | 18.75 | 0.075 | 18.71 | 0.074 |
| 15 | 16QAM | 1 | 0 | 18.78 | 0.076 | 18.86 | 0.077 | 18.80 | 0.076 |
| 15 | 16QAM | 1 | 37 | 18.91 | 0.078 | 18.94 | 0.078 | 18.80 | 0.076 |
| 15 | 16QAM | 1 | 74 | 18.86 | 0.077 | 18.98 | 0.079 | 18.98 | 0.079 |
| 15 | 16QAM | 36 | 0 | 18.65 | 0.073 | 18.70 | 0.074 | 18.73 | 0.075 |
| 15 | 16QAM | 36 | 20 | 18.74 | 0.075 | 18.67 | 0.074 | 18.80 | 0.076 |
| 15 | 16QAM | 36 | 39 | 18.79 | 0.076 | 18.88 | 0.077 | 18.85 | 0.077 |
| 15 | 16QAM | 75 | 0 | 18.66 | 0.073 | 18.68 | 0.074 | 18.77 | 0.075 |



| 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 | 19.72 | 0.094 | 19.62 | 0.092 | 19.59 | 0.091 |
| 10 | QPSK | 1 | 25 | 19.61 | 0.091 | 19.71 | 0.094 | 19.59 | 0.091 |
| 10 | QPSK | 1 | 49 | 19.50 | 0.089 | 19.58 | 0.091 | 19.50 | 0.089 |
| 10 | QPSK | 25 | 0 | 18.77 | 0.075 | 18.78 | 0.076 | 18.74 | 0.075 |
| 10 | QPSK | 25 | 12 | 18.73 | 0.075 | 18.85 | 0.077 | 18.78 | 0.076 |
| 10 | QPSK | 25 | 25 | 18.64 | 0.073 | 18.77 | 0.075 | 18.73 | 0.075 |
| 10 | QPSK | 50 | 0 | 18.70 | 0.074 | 18.79 | 0.076 | 18.77 | 0.075 |
| 10 | 16QAM | 1 | 0 | 19.18 | 0.083 | 19.11 | 0.081 | 19.10 | 0.081 |
| 10 | 16QAM | 1 | 25 | 18.87 | 0.077 | 18.83 | 0.076 | 18.90 | 0.078 |
| 10 | 16QAM | 1 | 49 | 18.82 | 0.076 | 18.90 | 0.078 | 18.69 | 0.074 |
| 10 | 16QAM | 25 | 0 | 18.72 | 0.074 | 18.71 | 0.074 | 18.68 | 0.074 |
| 10 | 16QAM | 25 | 12 | 18.88 | 0.077 | 18.68 | 0.074 | 18.68 | 0.074 |
| 10 | 16QAM | 25 | 25 | 18.68 | 0.074 | 18.88 | 0.077 | 18.98 | 0.079 |
| 10 | 16QAM | 50 | 0 | 19.25 | 0.084 | 19.18 | 0.083 | 19.22 | 0.084 |



| 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 | 19.64 | 0.092 | 19.69 | 0.093 | 19.63 | 0.092 |
| 5 | QPSK | 1 | 12 | 19.63 | 0.092 | 19.58 | 0.091 | 19.61 | 0.091 |
| 5 | QPSK | 1 | 24 | 19.59 | 0.091 | 19.67 | 0.093 | 19.68 | 0.093 |
| 5 | QPSK | 12 | 0 | 18.76 | 0.075 | 18.67 | 0.074 | 18.74 | 0.075 |
| 5 | QPSK | 12 | 7 | 18.77 | 0.075 | 18.82 | 0.076 | 18.74 | 0.075 |
| 5 | QPSK | 12 | 13 | 18.76 | 0.075 | 18.75 | 0.075 | 18.78 | 0.076 |
| 5 | QPSK | 25 | 0 | 18.75 | 0.075 | 18.73 | 0.075 | 18.75 | 0.075 |
| 5 | 16QAM | 1 | 0 | 18.88 | 0.077 | 18.78 | 0.076 | 19.16 | 0.082 |
| 5 | 16QAM | 1 | 12 | 18.86 | 0.077 | 18.79 | 0.076 | 19.16 | 0.082 |
| 5 | 16QAM | 1 | 24 | 18.89 | 0.077 | 18.76 | 0.075 | 19.15 | 0.082 |
| 5 | 16QAM | 12 | 0 | 18.98 | 0.079 | 19.12 | 0.082 | 18.98 | 0.079 |
| 5 | 16QAM | 12 | 7 | 18.88 | 0.077 | 18.88 | 0.077 | 18.68 | 0.074 |
| 5 | 16QAM | 12 | 13 | 18.68 | 0.074 | 19.01 | 0.080 | 18.78 | 0.076 |
| 5 | 16QAM | 25 | 0 | 18.78 | 0.076 | 19.24 | 0.084 | 19.22 | 0.084 |



| 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 | 19.58 | 0.091 | 19.65 | 0.092 | 19.57 | 0.091 |
| 3 | QPSK | 1 | 8 | 19.68 | 0.093 | 19.71 | 0.094 | 19.54 | 0.090 |
| 3 | QPSK | 1 | 14 | 19.69 | 0.093 | 19.56 | 0.090 | 19.56 | 0.090 |
| 3 | QPSK | 8 | 0 | 18.76 | 0.075 | 18.71 | 0.074 | 18.73 | 0.075 |
| 3 | QPSK | 8 | 4 | 18.82 | 0.076 | 18.76 | 0.075 | 18.77 | 0.075 |
| 3 | QPSK | 8 | 7 | 18.82 | 0.076 | 18.76 | 0.075 | 18.72 | 0.074 |
| 3 | QPSK | 15 | 0 | 18.74 | 0.075 | 18.82 | 0.076 | 18.75 | 0.075 |
| 3 | 16QAM | 1 | 0 | 18.90 | 0.078 | 18.81 | 0.076 | 18.75 | 0.075 |
| 3 | 16QAM | 1 | 8 | 18.94 | 0.078 | 18.88 | 0.077 | 18.84 | 0.077 |
| 3 | 16QAM | 1 | 14 | 18.75 | 0.075 | 18.72 | 0.074 | 18.60 | 0.072 |
| 3 | 16QAM | 8 | 0 | 19.18 | 0.083 | 19.31 | 0.085 | 19.23 | 0.084 |
| 3 | 16QAM | 8 | 4 | 19.25 | 0.084 | 19.22 | 0.084 | 19.28 | 0.085 |
| 3 | 16QAM | 8 | 7 | 19.15 | 0.082 | 19.20 | 0.083 | 19.23 | 0.084 |
| 3 | 16QAM | 15 | 0 | 19.18 | 0.083 | 19.22 | 0.084 | 19.17 | 0.083 |



| 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 | 19.64 | 0.092 | 19.67 | 0.093 | 19.62 | 0.092 |
| 1.4 | QPSK | 1 | 3 | 19.54 | 0.090 | 19.52 | 0.090 | 19.51 | 0.089 |
| 1.4 | QPSK | 1 | 5 | 19.51 | 0.089 | 19.49 | 0.089 | 19.47 | 0.089 |
| 1.4 | QPSK | 3 | 0 | 19.51 | 0.089 | 19.51 | 0.089 | 19.47 | 0.089 |
| 1.4 | QPSK | 3 | 1 | 19.55 | 0.090 | 19.52 | 0.090 | 19.50 | 0.089 |
| 1.4 | QPSK | 3 | 3 | 19.57 | 0.091 | 19.61 | 0.091 | 19.50 | 0.089 |
| 1.4 | QPSK | 6 | 0 | 18.72 | 0.074 | 18.70 | 0.074 | 18.69 | 0.074 |
| 1.4 | 16QAM | 1 | 0 | 18.75 | 0.075 | 18.75 | 0.075 | 18.69 | 0.074 |
| 1.4 | 16QAM | 1 | 3 | 18.71 | 0.074 | 18.91 | 0.078 | 18.89 | 0.077 |
| 1.4 | 16QAM | 1 | 5 | 18.59 | 0.072 | 18.79 | 0.076 | 18.47 | 0.070 |
| 1.4 | 16QAM | 3 | 0 | 18.61 | 0.073 | 18.66 | 0.073 | 18.63 | 0.073 |
| 1.4 | 16QAM | 3 | 1 | 18.79 | 0.076 | 18.61 | 0.073 | 18.66 | 0.073 |
| 1.4 | 16QAM | 3 | 3 | 18.81 | 0.076 | 18.78 | 0.076 | 18.52 | 0.071 |
| 1.4 | 16QAM | 6 | 0 | 18.82 | 0.076 | 18.75 | 0.075 | 18.70 | 0.074 |



| 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 | 19.96 | 0.099 | 20.04 | 0.101 | 20.03 | 0.101 |
| 20 | QPSK | 1 | 49 | 19.82 | 0.096 | 19.90 | 0.098 | 19.89 | 0.097 |
| 20 | QPSK | 1 | 99 | 19.74 | 0.094 | 19.87 | 0.097 | 19.99 | 0.100 |
| 20 | QPSK | 50 | 0 | 19.05 | 0.080 | 19.18 | 0.083 | 19.15 | 0.082 |
| 20 | QPSK | 50 | 24 | 19.05 | 0.080 | 19.13 | 0.082 | 19.13 | 0.082 |
| 20 | QPSK | 50 | 50 | 18.94 | 0.078 | 19.05 | 0.080 | 19.06 | 0.081 |
| 20 | QPSK | 100 | 0 | 19.04 | 0.080 | 19.08 | 0.081 | 19.15 | 0.082 |
| 20 | 16QAM | 1 | 0 | 18.91 | 0.078 | 19.21 | 0.083 | 19.08 | 0.081 |
| 20 | 16QAM | 1 | 49 | 19.06 | 0.081 | 18.83 | 0.076 | 18.97 | 0.079 |
| 20 | 16QAM | 1 | 99 | 18.85 | 0.077 | 19.07 | 0.081 | 18.91 | 0.078 |
| 20 | 16QAM | 50 | 0 | 19.04 | 0.080 | 18.97 | 0.079 | 19.11 | 0.081 |
| 20 | 16QAM | 50 | 24 | 19.30 | 0.085 | 19.41 | 0.087 | 19.30 | 0.085 |
| 20 | 16QAM | 50 | 50 | 19.26 | 0.084 | 19.27 | 0.085 | 19.27 | 0.085 |
| 20 | 16QAM | 100 | 0 | 19.28 | 0.085 | 19.36 | 0.086 | 19.37 | 0.086 |



| 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 | 19.83 | 0.096 | 19.87 | 0.097 | 19.97 | 0.099 |
| 15 | QPSK | 1 | 37 | 19.87 | 0.097 | 19.96 | 0.099 | 19.88 | 0.097 |
| 15 | QPSK | 1 | 74 | 19.74 | 0.094 | 19.96 | 0.099 | 19.99 | 0.100 |
| 15 | QPSK | 36 | 0 | 18.99 | 0.079 | 19.06 | 0.081 | 19.09 | 0.081 |
| 15 | QPSK | 36 | 20 | 19.03 | 0.080 | 19.16 | 0.082 | 19.12 | 0.082 |
| 15 | QPSK | 36 | 39 | 19.08 | 0.081 | 19.07 | 0.081 | 19.16 | 0.082 |
| 15 | QPSK | 75 | 0 | 19.03 | 0.080 | 19.05 | 0.080 | 19.06 | 0.081 |
| 15 | 16QAM | 1 | 0 | 18.97 | 0.079 | 19.19 | 0.083 | 18.91 | 0.078 |
| 15 | 16QAM | 1 | 37 | 19.05 | 0.080 | 19.05 | 0.080 | 18.89 | 0.077 |
| 15 | 16QAM | 1 | 74 | 18.91 | 0.078 | 19.21 | 0.083 | 19.00 | 0.079 |
| 15 | 16QAM | 36 | 0 | 18.92 | 0.078 | 18.94 | 0.078 | 19.13 | 0.082 |
| 15 | 16QAM | 36 | 20 | 18.87 | 0.077 | 18.94 | 0.078 | 19.00 | 0.079 |
| 15 | 16QAM | 36 | 39 | 18.83 | 0.076 | 18.92 | 0.078 | 18.98 | 0.079 |
| 15 | 16QAM | 75 | 0 | 18.94 | 0.078 | 18.95 | 0.079 | 19.04 | 0.080 |



| 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 | 19.75 | 0.094 | 19.94 | 0.099 | 19.77 | 0.095 |
| 10 | QPSK | 1 | 25 | 19.73 | 0.094 | 19.86 | 0.097 | 19.87 | 0.097 |
| 10 | QPSK | 1 | 49 | 19.81 | 0.096 | 19.64 | 0.092 | 19.87 | 0.097 |
| 10 | QPSK | 25 | 0 | 18.82 | 0.076 | 19.04 | 0.080 | 19.06 | 0.081 |
| 10 | QPSK | 25 | 12 | 18.94 | 0.078 | 19.00 | 0.079 | 19.04 | 0.080 |
| 10 | QPSK | 25 | 25 | 18.83 | 0.076 | 18.94 | 0.078 | 19.01 | 0.080 |
| 10 | QPSK | 50 | 0 | 18.89 | 0.077 | 18.99 | 0.079 | 18.91 | 0.078 |
| 10 | 16QAM | 1 | 0 | 18.88 | 0.077 | 19.03 | 0.080 | 18.79 | 0.076 |
| 10 | 16QAM | 1 | 25 | 19.15 | 0.082 | 18.89 | 0.077 | 19.21 | 0.083 |
| 10 | 16QAM | 1 | 49 | 19.22 | 0.084 | 19.12 | 0.082 | 19.11 | 0.081 |
| 10 | 16QAM | 25 | 0 | 18.88 | 0.077 | 18.87 | 0.077 | 18.86 | 0.077 |
| 10 | 16QAM | 25 | 12 | 18.80 | 0.076 | 18.90 | 0.078 | 18.87 | 0.077 |
| 10 | 16QAM | 25 | 25 | 19.14 | 0.082 | 19.05 | 0.080 | 19.14 | 0.082 |
| 10 | 16QAM | 50 | 0 | 19.08 | 0.081 | 19.12 | 0.082 | 19.24 | 0.084 |



| 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 | 19.65 | 0.092 | 19.87 | 0.097 | 19.92 | 0.098 |
| 5 | QPSK | 1 | 12 | 19.71 | 0.094 | 19.86 | 0.097 | 19.83 | 0.096 |
| 5 | QPSK | 1 | 24 | 19.66 | 0.092 | 19.78 | 0.095 | 19.77 | 0.095 |
| 5 | QPSK | 12 | 0 | 18.90 | 0.078 | 18.90 | 0.078 | 18.94 | 0.078 |
| 5 | QPSK | 12 | 7 | 18.90 | 0.078 | 19.01 | 0.080 | 18.98 | 0.079 |
| 5 | QPSK | 12 | 13 | 18.85 | 0.077 | 19.02 | 0.080 | 18.94 | 0.078 |
| 5 | QPSK | 25 | 0 | 18.88 | 0.077 | 18.92 | 0.078 | 18.98 | 0.079 |
| 5 | 16QAM | 1 | 0 | 18.78 | 0.076 | 19.19 | 0.083 | 18.87 | 0.077 |
| 5 | 16QAM | 1 | 12 | 18.89 | 0.077 | 19.24 | 0.084 | 18.83 | 0.076 |
| 5 | 16QAM | 1 | 24 | 18.83 | 0.076 | 19.18 | 0.083 | 18.78 | 0.076 |
| 5 | 16QAM | 12 | 0 | 18.82 | 0.076 | 18.76 | 0.075 | 18.79 | 0.076 |
| 5 | 16QAM | 12 | 7 | 18.85 | 0.077 | 18.89 | 0.077 | 18.87 | 0.077 |
| 5 | 16QAM | 12 | 13 | 19.12 | 0.082 | 19.19 | 0.083 | 19.23 | 0.084 |
| 5 | 16QAM | 25 | 0 | 19.13 | 0.082 | 19.24 | 0.084 | 19.17 | 0.083 |



| 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 | 19.77 | 0.095 | 19.78 | 0.095 | 19.90 | 0.098 |
| 3 | QPSK | 1 | 8 | 19.86 | 0.097 | 20.00 | 0.100 | 19.94 | 0.099 |
| 3 | QPSK | 1 | 14 | 19.66 | 0.092 | 19.85 | 0.097 | 19.85 | 0.097 |
| 3 | QPSK | 8 | 0 | 18.88 | 0.077 | 18.94 | 0.078 | 18.95 | 0.079 |
| 3 | QPSK | 8 | 4 | 18.94 | 0.078 | 19.02 | 0.080 | 19.04 | 0.080 |
| 3 | QPSK | 8 | 7 | 18.90 | 0.078 | 19.00 | 0.079 | 19.00 | 0.079 |
| 3 | QPSK | 15 | 0 | 18.90 | 0.078 | 18.96 | 0.079 | 18.90 | 0.078 |
| 3 | 16QAM | 1 | 0 | 18.98 | 0.079 | 19.07 | 0.081 | 19.11 | 0.081 |
| 3 | 16QAM | 1 | 8 | 19.20 | 0.083 | 19.20 | 0.083 | 18.94 | 0.078 |
| 3 | 16QAM | 1 | 14 | 19.11 | 0.081 | 18.89 | 0.077 | 18.97 | 0.079 |
| 3 | 16QAM | 8 | 0 | 18.90 | 0.078 | 18.91 | 0.078 | 19.00 | 0.079 |
| 3 | 16QAM | 8 | 4 | 19.00 | 0.079 | 19.00 | 0.079 | 19.01 | 0.080 |
| 3 | 16QAM | 8 | 7 | 19.22 | 0.084 | 19.30 | 0.085 | 19.34 | 0.086 |
| 3 | 16QAM | 15 | 0 | 19.22 | 0.084 | 19.20 | 0.083 | 19.27 | 0.085 |



| 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 | 19.52 | 0.090 | 19.73 | 0.094 | 19.74 | 0.094 |
| 1.4 | QPSK | 1 | 3 | 19.86 | 0.097 | 19.86 | 0.097 | 19.90 | 0.098 |
| 1.4 | QPSK | 1 | 5 | 19.72 | 0.094 | 19.81 | 0.096 | 19.83 | 0.096 |
| 1.4 | QPSK | 3 | 0 | 19.70 | 0.093 | 19.67 | 0.093 | 19.66 | 0.092 |
| 1.4 | QPSK | 3 | 1 | 19.66 | 0.092 | 19.76 | 0.095 | 19.81 | 0.096 |
| 1.4 | QPSK | 3 | 3 | 19.65 | 0.092 | 19.72 | 0.094 | 19.71 | 0.094 |
| 1.4 | QPSK | 6 | 0 | 18.93 | 0.078 | 18.95 | 0.079 | 18.91 | 0.078 |
| 1.4 | 16QAM | 1 | 0 | 18.87 | 0.077 | 19.34 | 0.086 | 19.00 | 0.079 |
| 1.4 | 16QAM | 1 | 3 | 19.00 | 0.079 | 19.08 | 0.081 | 19.12 | 0.082 |
| 1.4 | 16QAM | 1 | 5 | 19.06 | 0.081 | 19.22 | 0.084 | 19.02 | 0.080 |
| 1.4 | 16QAM | 3 | 0 | 19.09 | 0.081 | 19.13 | 0.082 | 19.04 | 0.080 |
| 1.4 | 16QAM | 3 | 1 | 19.10 | 0.081 | 19.13 | 0.082 | 19.15 | 0.082 |
| 1.4 | 16QAM | 3 | 3 | 19.09 | 0.081 | 19.21 | 0.083 | 19.10 | 0.081 |
| 1.4 | 16QAM | 6 | 0 | 19.00 | 0.079 | 19.01 | 0.080 | 18.92 | 0.078 |



| 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 | 18.98 | 0.079 | 18.99 | 0.079 | 18.94 | 0.078 |
| 10 | QPSK | 1 | 25 | 18.84 | 0.077 | 18.87 | 0.077 | 18.90 | 0.078 |
| 10 | QPSK | 1 | 49 | 18.96 | 0.079 | 18.88 | 0.077 | 18.86 | 0.077 |
| 10 | QPSK | 25 | 0 | 18.29 | 0.067 | 18.31 | 0.068 | 18.12 | 0.065 |
| 10 | QPSK | 25 | 12 | 18.05 | 0.064 | 18.07 | 0.064 | 18.12 | 0.065 |
| 10 | QPSK | 25 | 25 | 18.05 | 0.064 | 18.16 | 0.065 | 18.21 | 0.066 |
| 10 | QPSK | 50 | 0 | 18.11 | 0.065 | 17.99 | 0.063 | 18.13 | 0.065 |
| 10 | 16QAM | 1 | 0 | 18.15 | 0.065 | 18.34 | 0.068 | 18.05 | 0.064 |
| 10 | 16QAM | 1 | 25 | 18.38 | 0.069 | 18.41 | 0.069 | 18.09 | 0.064 |
| 10 | 16QAM | 1 | 49 | 18.21 | 0.066 | 18.27 | 0.067 | 18.34 | 0.068 |
| 10 | 16QAM | 25 | 0 | 18.30 | 0.068 | 18.31 | 0.068 | 18.13 | 0.065 |
| 10 | 16QAM | 25 | 12 | 18.24 | 0.067 | 18.32 | 0.068 | 18.10 | 0.065 |
| 10 | 16QAM | 25 | 25 | 18.27 | 0.067 | 18.20 | 0.066 | 18.23 | 0.067 |
| 10 | 16QAM | 50 | 0 | 18.28 | 0.067 | 18.19 | 0.066 | 18.09 | 0.064 |



| 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 | 18.93 | 0.078 | 18.89 | 0.077 | 18.87 | 0.077 |
| 5 | QPSK | 1 | 12 | 18.83 | 0.076 | 18.94 | 0.078 | 18.78 | 0.076 |
| 5 | QPSK | 1 | 24 | 18.83 | 0.076 | 18.78 | 0.076 | 18.78 | 0.076 |
| 5 | QPSK | 12 | 0 | 18.20 | 0.066 | 18.25 | 0.067 | 18.11 | 0.065 |
| 5 | QPSK | 12 | 7 | 18.27 | 0.067 | 18.28 | 0.067 | 18.20 | 0.066 |
| 5 | QPSK | 12 | 13 | 18.32 | 0.068 | 18.16 | 0.065 | 18.11 | 0.065 |
| 5 | QPSK | 25 | 0 | 18.23 | 0.067 | 18.19 | 0.066 | 18.11 | 0.065 |
| 5 | 16QAM | 1 | 0 | 18.52 | 0.071 | 18.45 | 0.070 | 18.21 | 0.066 |
| 5 | 16QAM | 1 | 12 | 18.22 | 0.066 | 18.44 | 0.070 | 18.20 | 0.066 |
| 5 | 16QAM | 1 | 24 | 18.09 | 0.064 | 18.44 | 0.070 | 18.27 | 0.067 |
| 5 | 16QAM | 12 | 0 | 18.18 | 0.066 | 18.27 | 0.067 | 18.26 | 0.067 |
| 5 | 16QAM | 12 | 7 | 18.25 | 0.067 | 18.28 | 0.067 | 18.10 | 0.065 |
| 5 | 16QAM | 12 | 13 | 18.25 | 0.067 | 18.16 | 0.065 | 18.21 | 0.066 |
| 5 | 16QAM | 25 | 0 | 18.26 | 0.067 | 18.31 | 0.068 | 18.26 | 0.067 |



| 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 | 18.92 | 0.078 | 18.93 | 0.078 | 18.78 | 0.076 |
| 3 | QPSK | 1 | 8 | 18.88 | 0.077 | 18.89 | 0.077 | 18.80 | 0.076 |
| 3 | QPSK | 1 | 14 | 18.89 | 0.077 | 18.87 | 0.077 | 18.61 | 0.073 |
| 3 | QPSK | 8 | 0 | 18.13 | 0.065 | 18.26 | 0.067 | 18.24 | 0.067 |
| 3 | QPSK | 8 | 4 | 18.27 | 0.067 | 18.33 | 0.068 | 18.30 | 0.068 |
| 3 | QPSK | 8 | 7 | 18.22 | 0.066 | 18.24 | 0.067 | 18.11 | 0.065 |
| 3 | QPSK | 15 | 0 | 18.20 | 0.066 | 18.26 | 0.067 | 18.25 | 0.067 |
| 3 | 16QAM | 1 | 0 | 18.22 | 0.066 | 18.33 | 0.068 | 18.40 | 0.069 |
| 3 | 16QAM | 1 | 8 | 18.15 | 0.065 | 18.41 | 0.069 | 18.25 | 0.067 |
| 3 | 16QAM | 1 | 14 | 18.20 | 0.066 | 18.46 | 0.070 | 18.21 | 0.066 |
| 3 | 16QAM | 8 | 0 | 18.16 | 0.065 | 18.25 | 0.067 | 17.99 | 0.063 |
| 3 | 16QAM | 8 | 4 | 18.32 | 0.068 | 18.43 | 0.070 | 18.00 | 0.063 |
| 3 | 16QAM | 8 | 7 | 18.24 | 0.067 | 18.30 | 0.068 | 18.04 | 0.064 |
| 3 | 16QAM | 15 | 0 | 18.18 | 0.066 | 18.20 | 0.066 | 17.75 | 0.060 |



| 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 | 18.83 | 0.076 | 18.90 | 0.078 | 18.94 | 0.078 |
| 1.4 | QPSK | 1 | 3 | 18.96 | 0.079 | 18.89 | 0.077 | 18.96 | 0.079 |
| 1.4 | QPSK | 1 | 5 | 18.85 | 0.077 | 18.79 | 0.076 | 18.80 | 0.076 |
| 1.4 | QPSK | 3 | 0 | 18.86 | 0.077 | 18.92 | 0.078 | 18.88 | 0.077 |
| 1.4 | QPSK | 3 | 1 | 18.92 | 0.078 | 18.79 | 0.076 | 18.89 | 0.077 |
| 1.4 | QPSK | 3 | 3 | 18.93 | 0.078 | 18.85 | 0.077 | 18.85 | 0.077 |
| 1.4 | QPSK | 6 | 0 | 18.18 | 0.066 | 18.17 | 0.066 | 18.16 | 0.065 |
| 1.4 | 16QAM | 1 | 0 | 18.31 | 0.068 | 18.12 | 0.065 | 18.29 | 0.067 |
| 1.4 | 16QAM | 1 | 3 | 18.11 | 0.065 | 18.35 | 0.068 | 18.24 | 0.067 |
| 1.4 | 16QAM | 1 | 5 | 18.50 | 0.071 | 18.18 | 0.066 | 18.24 | 0.067 |
| 1.4 | 16QAM | 3 | 0 | 18.03 | 0.064 | 18.01 | 0.063 | 18.15 | 0.065 |
| 1.4 | 16QAM | 3 | 1 | 18.06 | 0.064 | 18.33 | 0.068 | 18.19 | 0.066 |
| 1.4 | 16QAM | 3 | 3 | 18.14 | 0.065 | 18.25 | 0.067 | 18.13 | 0.065 |
| 1.4 | 16QAM | 6 | 0 | 18.33 | 0.068 | 18.20 | 0.066 | 18.24 | 0.067 |



| 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 | 19.94 | 0.099 | 19.95 | 0.099 | 19.87 | 0.097 |
| 20 | QPSK | 1 | 49 | 19.89 | 0.097 | 19.93 | 0.098 | 19.82 | 0.096 |
| 20 | QPSK | 1 | 99 | 19.84 | 0.096 | 19.79 | 0.095 | 19.84 | 0.096 |
| 20 | QPSK | 50 | 0 | 18.90 | 0.078 | 18.97 | 0.079 | 18.94 | 0.078 |
| 20 | QPSK | 50 | 24 | 18.66 | 0.073 | 18.63 | 0.073 | 18.53 | 0.071 |
| 20 | QPSK | 50 | 50 | 18.76 | 0.075 | 18.79 | 0.076 | 18.76 | 0.075 |
| 20 | QPSK | 100 | 0 | 18.71 | 0.074 | 18.73 | 0.075 | 18.70 | 0.074 |
| 20 | 16QAM | 1 | 0 | 18.52 | 0.071 | 18.62 | 0.073 | 18.80 | 0.076 |
| 20 | 16QAM | 1 | 49 | 18.67 | 0.074 | 18.53 | 0.071 | 18.81 | 0.076 |
| 20 | 16QAM | 1 | 99 | 18.61 | 0.073 | 18.92 | 0.078 | 18.57 | 0.072 |
| 20 | 16QAM | 50 | 0 | 18.46 | 0.070 | 18.56 | 0.072 | 18.49 | 0.071 |
| 20 | 16QAM | 50 | 24 | 18.51 | 0.071 | 18.43 | 0.070 | 18.54 | 0.071 |
| 20 | 16QAM | 50 | 50 | 18.59 | 0.072 | 18.64 | 0.073 | 18.47 | 0.070 |
| 20 | 16QAM | 100 | 0 | 18.47 | 0.070 | 18.59 | 0.072 | 18.57 | 0.072 |



| 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 | 19.64 | 0.092 | 19.73 | 0.094 | 19.73 | 0.094 |
| 15 | QPSK | 1 | 37 | 19.74 | 0.094 | 19.71 | 0.094 | 19.75 | 0.094 |
| 15 | QPSK | 1 | 74 | 19.68 | 0.093 | 19.75 | 0.094 | 19.75 | 0.094 |
| 15 | QPSK | 36 | 0 | 18.69 | 0.074 | 18.78 | 0.076 | 18.80 | 0.076 |
| 15 | QPSK | 36 | 20 | 18.77 | 0.075 | 18.84 | 0.077 | 18.79 | 0.076 |
| 15 | QPSK | 36 | 39 | 18.80 | 0.076 | 18.83 | 0.076 | 18.87 | 0.077 |
| 15 | QPSK | 75 | 0 | 18.86 | 0.077 | 18.79 | 0.076 | 18.81 | 0.076 |
| 15 | 16QAM | 1 | 0 | 19.02 | 0.080 | 19.13 | 0.082 | 19.20 | 0.083 |
| 15 | 16QAM | 1 | 37 | 18.84 | 0.077 | 18.95 | 0.079 | 18.93 | 0.078 |
| 15 | 16QAM | 1 | 74 | 18.88 | 0.077 | 18.88 | 0.077 | 19.10 | 0.081 |
| 15 | 16QAM | 36 | 0 | 18.47 | 0.070 | 18.58 | 0.072 | 18.60 | 0.072 |
| 15 | 16QAM | 36 | 20 | 18.54 | 0.071 | 18.57 | 0.072 | 18.56 | 0.072 |
| 15 | 16QAM | 36 | 39 | 18.60 | 0.072 | 18.58 | 0.072 | 18.47 | 0.070 |
| 15 | 16QAM | 75 | 0 | 18.55 | 0.072 | 18.63 | 0.073 | 18.55 | 0.072 |



| 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 | 19.63 | 0.092 | 19.50 | 0.089 | 19.53 | 0.090 |
| 10 | QPSK | 1 | 25 | 19.66 | 0.092 | 19.56 | 0.090 | 19.58 | 0.091 |
| 10 | QPSK | 1 | 49 | 19.59 | 0.091 | 19.56 | 0.090 | 19.58 | 0.091 |
| 10 | QPSK | 25 | 0 | 18.61 | 0.073 | 18.61 | 0.073 | 18.60 | 0.072 |
| 10 | QPSK | 25 | 12 | 18.57 | 0.072 | 18.69 | 0.074 | 18.74 | 0.075 |
| 10 | QPSK | 25 | 25 | 18.50 | 0.071 | 18.68 | 0.074 | 18.68 | 0.074 |
| 10 | QPSK | 50 | 0 | 18.59 | 0.072 | 18.71 | 0.074 | 18.70 | 0.074 |
| 10 | 16QAM | 1 | 0 | 18.64 | 0.073 | 18.82 | 0.076 | 18.67 | 0.074 |
| 10 | 16QAM | 1 | 25 | 18.63 | 0.073 | 18.65 | 0.073 | 18.70 | 0.074 |
| 10 | 16QAM | 1 | 49 | 19.10 | 0.081 | 19.00 | 0.079 | 18.91 | 0.078 |
| 10 | 16QAM | 25 | 0 | 18.53 | 0.071 | 18.41 | 0.069 | 18.49 | 0.071 |
| 10 | 16QAM | 25 | 12 | 18.35 | 0.068 | 18.52 | 0.071 | 18.45 | 0.070 |
| 10 | 16QAM | 25 | 25 | 18.40 | 0.069 | 18.43 | 0.070 | 18.35 | 0.068 |
| 10 | 16QAM | 50 | 0 | 18.43 | 0.070 | 18.52 | 0.071 | 18.37 | 0.069 |



| 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 | 19.67 | 0.093 | 19.58 | 0.091 | 19.48 | 0.089 |
| 5 | QPSK | 1 | 12 | 19.54 | 0.090 | 19.47 | 0.089 | 19.55 | 0.090 |
| 5 | QPSK | 1 | 24 | 19.48 | 0.089 | 19.54 | 0.090 | 19.58 | 0.091 |
| 5 | QPSK | 12 | 0 | 18.41 | 0.069 | 18.49 | 0.071 | 18.41 | 0.069 |
| 5 | QPSK | 12 | 7 | 18.48 | 0.070 | 18.63 | 0.073 | 18.55 | 0.072 |
| 5 | QPSK | 12 | 13 | 18.50 | 0.071 | 18.66 | 0.073 | 18.51 | 0.071 |
| 5 | QPSK | 25 | 0 | 18.51 | 0.071 | 18.52 | 0.071 | 18.47 | 0.070 |
| 5 | 16QAM | 1 | 0 | 18.49 | 0.071 | 18.47 | 0.070 | 18.53 | 0.071 |
| 5 | 16QAM | 1 | 12 | 18.54 | 0.071 | 18.76 | 0.075 | 18.66 | 0.073 |
| 5 | 16QAM | 1 | 24 | 18.60 | 0.072 | 18.79 | 0.076 | 18.61 | 0.073 |
| 5 | 16QAM | 12 | 0 | 18.51 | 0.071 | 18.57 | 0.072 | 18.48 | 0.070 |
| 5 | 16QAM | 12 | 7 | 18.40 | 0.069 | 18.42 | 0.070 | 18.38 | 0.069 |
| 5 | 16QAM | 12 | 13 | 18.40 | 0.069 | 18.46 | 0.070 | 18.59 | 0.072 |
| 5 | 16QAM | 25 | 0 | 18.37 | 0.069 | 18.42 | 0.070 | 18.44 | 0.070 |



| 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 | 18.28 | 0.067 | 18.44 | 0.070 | 18.33 | 0.068 |
| 10 | QPSK | 1 | 25 | 18.14 | 0.065 | 18.27 | 0.067 | 18.30 | 0.068 |
| 10 | QPSK | 1 | 49 | 18.24 | 0.067 | 18.25 | 0.067 | 18.24 | 0.067 |
| 10 | QPSK | 25 | 0 | 17.71 | 0.059 | 17.81 | 0.060 | 17.72 | 0.059 |
| 10 | QPSK | 25 | 12 | 17.68 | 0.059 | 17.62 | 0.058 | 17.41 | 0.055 |
| 10 | QPSK | 25 | 25 | 17.73 | 0.059 | 17.79 | 0.060 | 17.72 | 0.059 |
| 10 | QPSK | 50 | 0 | 17.74 | 0.059 | 17.76 | 0.060 | 17.67 | 0.058 |
| 10 | 16QAM | 1 | 0 | 17.67 | 0.058 | 17.22 | 0.053 | 17.35 | 0.054 |
| 10 | 16QAM | 1 | 25 | 17.42 | 0.055 | 17.37 | 0.055 | 17.51 | 0.056 |
| 10 | 16QAM | 1 | 49 | 17.51 | 0.056 | 17.56 | 0.057 | 17.45 | 0.056 |
| 10 | 16QAM | 25 | 0 | 17.40 | 0.055 | 17.42 | 0.055 | 17.36 | 0.054 |
| 10 | 16QAM | 25 | 12 | 17.44 | 0.055 | 17.48 | 0.056 | 17.37 | 0.055 |
| 10 | 16QAM | 25 | 25 | 17.49 | 0.056 | 17.50 | 0.056 | 17.44 | 0.055 |
| 10 | 16QAM | 50 | 0 | 17.39 | 0.055 | 17.47 | 0.056 | 17.52 | 0.056 |



| 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 | 18.03 | 0.064 | 18.36 | 0.069 | 18.14 | 0.065 |
| 5 | QPSK | 1 | 12 | 18.19 | 0.066 | 18.35 | 0.068 | 18.19 | 0.066 |
| 5 | QPSK | 1 | 24 | 18.15 | 0.065 | 18.34 | 0.068 | 18.20 | 0.066 |
| 5 | QPSK | 12 | 0 | 17.44 | 0.055 | 17.51 | 0.056 | 17.50 | 0.056 |
| 5 | QPSK | 12 | 7 | 17.55 | 0.057 | 17.57 | 0.057 | 17.54 | 0.057 |
| 5 | QPSK | 12 | 13 | 17.50 | 0.056 | 17.53 | 0.057 | 17.50 | 0.056 |
| 5 | QPSK | 25 | 0 | 17.46 | 0.056 | 17.58 | 0.057 | 17.54 | 0.057 |
| 5 | 16QAM | 1 | 0 | 17.47 | 0.056 | 17.49 | 0.056 | 17.51 | 0.056 |
| 5 | 16QAM | 1 | 12 | 17.64 | 0.058 | 17.59 | 0.057 | 17.60 | 0.058 |
| 5 | 16QAM | 1 | 24 | 17.60 | 0.058 | 17.58 | 0.057 | 17.54 | 0.057 |
| 5 | 16QAM | 12 | 0 | 17.34 | 0.054 | 17.31 | 0.054 | 17.34 | 0.054 |
| 5 | 16QAM | 12 | 7 | 17.48 | 0.056 | 17.53 | 0.057 | 17.37 | 0.055 |
| 5 | 16QAM | 12 | 13 | 17.43 | 0.055 | 17.40 | 0.055 | 17.45 | 0.056 |
| 5 | 16QAM | 25 | 0 | 17.44 | 0.055 | 17.40 | 0.055 | 17.42 | 0.055 |



| 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 | 18.11 | 0.065 | 18.38 | 0.069 | 18.05 | 0.064 |
| 3 | QPSK | 1 | 8 | 18.29 | 0.067 | 18.28 | 0.067 | 18.18 | 0.066 |
| 3 | QPSK | 1 | 14 | 18.23 | 0.067 | 18.34 | 0.068 | 18.29 | 0.067 |
| 3 | QPSK | 8 | 0 | 17.52 | 0.056 | 17.50 | 0.056 | 17.50 | 0.056 |
| 3 | QPSK | 8 | 4 | 17.55 | 0.057 | 17.58 | 0.057 | 17.59 | 0.057 |
| 3 | QPSK | 8 | 7 | 17.50 | 0.056 | 17.58 | 0.057 | 17.52 | 0.056 |
| 3 | QPSK | 15 | 0 | 17.49 | 0.056 | 17.57 | 0.057 | 17.43 | 0.055 |
| 3 | 16QAM | 1 | 0 | 17.50 | 0.056 | 17.86 | 0.061 | 17.45 | 0.056 |
| 3 | 16QAM | 1 | 8 | 17.70 | 0.059 | 17.68 | 0.059 | 17.63 | 0.058 |
| 3 | 16QAM | 1 | 14 | 17.53 | 0.057 | 17.58 | 0.057 | 17.44 | 0.055 |
| 3 | 16QAM | 8 | 0 | 17.50 | 0.056 | 17.39 | 0.055 | 17.42 | 0.055 |
| 3 | 16QAM | 8 | 4 | 17.55 | 0.057 | 17.52 | 0.056 | 17.63 | 0.058 |
| 3 | 16QAM | 8 | 7 | 17.39 | 0.055 | 17.42 | 0.055 | 17.48 | 0.056 |
| 3 | 16QAM | 15 | 0 | 17.37 | 0.055 | 17.30 | 0.054 | 17.29 | 0.054 |



| 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 | 18.14 | 0.065 | 18.31 | 0.068 | 18.11 | 0.065 |
| 1.4 | QPSK | 1 | 3 | 18.25 | 0.067 | 18.24 | 0.067 | 18.26 | 0.067 |
| 1.4 | QPSK | 1 | 5 | 18.14 | 0.065 | 18.19 | 0.066 | 18.15 | 0.065 |
| 1.4 | QPSK | 3 | 0 | 18.09 | 0.064 | 18.22 | 0.066 | 18.20 | 0.066 |
| 1.4 | QPSK | 3 | 1 | 18.30 | 0.068 | 18.30 | 0.068 | 17.97 | 0.063 |
| 1.4 | QPSK | 3 | 3 | 18.25 | 0.067 | 18.27 | 0.067 | 18.23 | 0.067 |
| 1.4 | QPSK | 6 | 0 | 17.49 | 0.056 | 17.46 | 0.056 | 17.44 | 0.055 |
| 1.4 | 16QAM | 1 | 0 | 17.53 | 0.057 | 17.47 | 0.056 | 17.32 | 0.054 |
| 1.4 | 16QAM | 1 | 3 | 17.34 | 0.054 | 17.77 | 0.060 | 17.44 | 0.055 |
| 1.4 | 16QAM | 1 | 5 | 17.46 | 0.056 | 17.47 | 0.056 | 17.46 | 0.056 |
| 1.4 | 16QAM | 3 | 0 | 17.30 | 0.054 | 17.33 | 0.054 | 17.34 | 0.054 |
| 1.4 | 16QAM | 3 | 1 | 17.46 | 0.056 | 17.54 | 0.057 | 17.38 | 0.055 |
| 1.4 | 16QAM | 3 | 3 | 17.29 | 0.054 | 17.43 | 0.055 | 17.43 | 0.055 |
| 1.4 | 16QAM | 6 | 0 | 17.22 | 0.053 | 17.42 | 0.055 | 17.32 | 0.054 |



| LTE Band 13 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|---|--------------------|-------|------------------|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | / | | 23230 | | / | |
| Frequency (MHz) | | | | / | | 782 | | / | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | / | / | 18.60 | 0.072 | / | / |
| 10 | QPSK | 1 | 25 | / | / | 18.52 | 0.071 | / | / |
| 10 | QPSK | 1 | 49 | / | / | 18.57 | 0.072 | / | / |
| 10 | QPSK | 25 | 0 | / | / | 17.84 | 0.061 | / | / |
| 10 | QPSK | 25 | 12 | / | / | 17.65 | 0.058 | / | / |
| 10 | QPSK | 25 | 25 | / | / | 17.59 | 0.057 | / | / |
| 10 | QPSK | 50 | 0 | / | / | 17.62 | 0.058 | / | / |
| 10 | 16QAM | 1 | 0 | / | / | 17.74 | 0.059 | / | / |
| 10 | 16QAM | 1 | 25 | / | / | 17.66 | 0.058 | / | / |
| 10 | 16QAM | 1 | 49 | / | / | 17.96 | 0.063 | / | / |
| 10 | 16QAM | 25 | 0 | / | / | 17.77 | 0.060 | / | / |
| 10 | 16QAM | 25 | 12 | / | / | 17.72 | 0.059 | / | / |
| 10 | 16QAM | 25 | 25 | / | / | 17.85 | 0.061 | / | / |
| 10 | 16QAM | 50 | 0 | / | / | 17.62 | 0.058 | / | / |



| LTE Band 13 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 23205 | | 23230 | | 23255 | |
| Frequency (MHz) | | | | 779.5 | | 782 | | 784.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 18.49 | 0.071 | 18.52 | 0.071 | 18.50 | 0.071 |
| 5 | QPSK | 1 | 12 | 18.49 | 0.071 | 18.51 | 0.071 | 18.47 | 0.070 |
| 5 | QPSK | 1 | 24 | 18.48 | 0.070 | 18.46 | 0.070 | 18.39 | 0.069 |
| 5 | QPSK | 12 | 0 | 17.40 | 0.055 | 17.48 | 0.056 | 17.57 | 0.057 |
| 5 | QPSK | 12 | 7 | 17.47 | 0.056 | 17.46 | 0.056 | 17.55 | 0.057 |
| 5 | QPSK | 12 | 13 | 17.39 | 0.055 | 17.55 | 0.057 | 17.53 | 0.057 |
| 5 | QPSK | 25 | 0 | 17.46 | 0.056 | 17.43 | 0.055 | 17.53 | 0.057 |
| 5 | 16QAM | 1 | 0 | 17.53 | 0.057 | 17.89 | 0.062 | 17.68 | 0.059 |
| 5 | 16QAM | 1 | 12 | 17.39 | 0.055 | 17.54 | 0.057 | 17.42 | 0.055 |
| 5 | 16QAM | 1 | 24 | 17.49 | 0.056 | 17.31 | 0.054 | 17.32 | 0.054 |
| 5 | 16QAM | 12 | 0 | 17.92 | 0.062 | 17.89 | 0.062 | 17.82 | 0.061 |
| 5 | 16QAM | 12 | 7 | 17.93 | 0.062 | 17.82 | 0.061 | 17.94 | 0.062 |
| 5 | 16QAM | 12 | 13 | 17.90 | 0.062 | 17.89 | 0.062 | 17.93 | 0.062 |
| 5 | 16QAM | 25 | 0 | 17.47 | 0.056 | 17.51 | 0.056 | 17.53 | 0.057 |



| 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 | 18.64 | 0.073 | 18.76 | 0.075 | 18.71 | 0.074 |
| 10 | QPSK | 1 | 25 | 18.62 | 0.073 | 18.70 | 0.074 | 18.57 | 0.072 |
| 10 | QPSK | 1 | 49 | 18.54 | 0.071 | 18.67 | 0.074 | 18.67 | 0.074 |
| 10 | QPSK | 25 | 0 | 17.84 | 0.061 | 17.97 | 0.063 | 17.94 | 0.062 |
| 10 | QPSK | 25 | 12 | 17.84 | 0.061 | 17.92 | 0.062 | 17.92 | 0.062 |
| 10 | QPSK | 25 | 25 | 17.73 | 0.059 | 17.84 | 0.061 | 17.85 | 0.061 |
| 10 | QPSK | 50 | 0 | 17.83 | 0.061 | 17.87 | 0.061 | 17.94 | 0.062 |
| 10 | 16QAM | 1 | 0 | 17.70 | 0.059 | 17.78 | 0.060 | 17.67 | 0.058 |
| 10 | 16QAM | 1 | 25 | 17.85 | 0.061 | 17.62 | 0.058 | 17.76 | 0.060 |
| 10 | 16QAM | 1 | 49 | 17.64 | 0.058 | 17.86 | 0.061 | 17.62 | 0.058 |
| 10 | 16QAM | 25 | 0 | 17.75 | 0.060 | 17.80 | 0.060 | 17.90 | 0.062 |
| 10 | 16QAM | 25 | 12 | 17.71 | 0.059 | 17.82 | 0.061 | 17.71 | 0.059 |
| 10 | 16QAM | 25 | 25 | 17.67 | 0.058 | 17.68 | 0.059 | 17.68 | 0.059 |
| 10 | 16QAM | 50 | 0 | 17.69 | 0.059 | 17.77 | 0.060 | 17.78 | 0.060 |



| 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 | 18.51 | 0.071 | 18.55 | 0.072 | 18.65 | 0.073 |
| 5 | QPSK | 1 | 12 | 18.55 | 0.072 | 18.64 | 0.073 | 18.56 | 0.072 |
| 5 | QPSK | 1 | 24 | 18.42 | 0.070 | 18.64 | 0.073 | 18.67 | 0.074 |
| 5 | QPSK | 12 | 0 | 17.66 | 0.058 | 17.73 | 0.059 | 17.76 | 0.060 |
| 5 | QPSK | 12 | 7 | 17.70 | 0.059 | 17.83 | 0.061 | 17.79 | 0.060 |
| 5 | QPSK | 12 | 13 | 17.75 | 0.060 | 17.74 | 0.059 | 17.83 | 0.061 |
| 5 | QPSK | 25 | 0 | 17.70 | 0.059 | 17.72 | 0.059 | 17.73 | 0.059 |
| 5 | 16QAM | 1 | 0 | 17.64 | 0.058 | 17.86 | 0.061 | 17.58 | 0.057 |
| 5 | 16QAM | 1 | 12 | 17.72 | 0.059 | 17.72 | 0.059 | 17.56 | 0.057 |
| 5 | 16QAM | 1 | 24 | 17.58 | 0.057 | 17.88 | 0.061 | 17.67 | 0.058 |
| 5 | 16QAM | 12 | 0 | 17.59 | 0.057 | 17.61 | 0.058 | 17.80 | 0.060 |
| 5 | 16QAM | 12 | 7 | 17.54 | 0.057 | 17.61 | 0.058 | 17.67 | 0.058 |
| 5 | 16QAM | 12 | 13 | 17.50 | 0.056 | 17.59 | 0.057 | 17.65 | 0.058 |
| 5 | 16QAM | 25 | 0 | 17.61 | 0.058 | 17.62 | 0.058 | 17.71 | 0.059 |



| LTE Band 25 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26140 | | 26365 | | 26590 | |
| Frequency (MHz) | | | | 1860 | | 1882.5 | | 1905 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 19.73 | 0.094 | 19.78 | 0.095 | 19.73 | 0.094 |
| 20 | QPSK | 1 | 49 | 19.61 | 0.091 | 19.57 | 0.091 | 19.63 | 0.092 |
| 20 | QPSK | 1 | 99 | 19.54 | 0.090 | 19.57 | 0.091 | 19.52 | 0.090 |
| 20 | QPSK | 50 | 0 | 18.98 | 0.079 | 19.04 | 0.080 | 18.96 | 0.079 |
| 20 | QPSK | 50 | 24 | 18.83 | 0.076 | 18.77 | 0.075 | 18.91 | 0.078 |
| 20 | QPSK | 50 | 50 | 18.81 | 0.076 | 18.81 | 0.076 | 18.90 | 0.078 |
| 20 | QPSK | 100 | 0 | 18.94 | 0.078 | 18.81 | 0.076 | 18.82 | 0.076 |
| 20 | 16QAM | 1 | 0 | 18.67 | 0.074 | 18.86 | 0.077 | 19.00 | 0.079 |
| 20 | 16QAM | 1 | 49 | 18.74 | 0.075 | 19.03 | 0.080 | 18.87 | 0.077 |
| 20 | 16QAM | 1 | 99 | 18.70 | 0.074 | 18.95 | 0.079 | 19.00 | 0.079 |
| 20 | 16QAM | 50 | 0 | 18.64 | 0.073 | 18.88 | 0.077 | 18.87 | 0.077 |
| 20 | 16QAM | 50 | 24 | 18.70 | 0.074 | 18.85 | 0.077 | 18.83 | 0.076 |
| 20 | 16QAM | 50 | 50 | 18.53 | 0.071 | 18.79 | 0.076 | 18.84 | 0.077 |
| 20 | 16QAM | 100 | 0 | 18.57 | 0.072 | 18.86 | 0.077 | 18.83 | 0.076 |



| LTE Band 25 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26115 | | 26365 | | 26615 | |
| Frequency (MHz) | | | | 1857.5 | | 1882.5 | | 1907.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 19.67 | 0.093 | 19.63 | 0.092 | 19.59 | 0.091 |
| 15 | QPSK | 1 | 37 | 19.66 | 0.092 | 19.62 | 0.092 | 19.61 | 0.091 |
| 15 | QPSK | 1 | 74 | 19.58 | 0.091 | 19.64 | 0.092 | 19.63 | 0.092 |
| 15 | QPSK | 36 | 0 | 18.74 | 0.075 | 18.92 | 0.078 | 19.08 | 0.081 |
| 15 | QPSK | 36 | 20 | 18.86 | 0.077 | 18.95 | 0.079 | 19.03 | 0.080 |
| 15 | QPSK | 36 | 39 | 18.69 | 0.074 | 18.97 | 0.079 | 19.03 | 0.080 |
| 15 | QPSK | 75 | 0 | 18.72 | 0.074 | 18.89 | 0.077 | 19.02 | 0.080 |
| 15 | 16QAM | 1 | 0 | 19.20 | 0.083 | 19.25 | 0.084 | 18.97 | 0.079 |
| 15 | 16QAM | 1 | 37 | 19.37 | 0.086 | 18.93 | 0.078 | 19.30 | 0.085 |
| 15 | 16QAM | 1 | 74 | 19.21 | 0.083 | 19.26 | 0.084 | 19.42 | 0.087 |
| 15 | 16QAM | 36 | 0 | 18.65 | 0.073 | 18.68 | 0.074 | 18.89 | 0.077 |
| 15 | 16QAM | 36 | 20 | 18.65 | 0.073 | 18.72 | 0.074 | 18.84 | 0.077 |
| 15 | 16QAM | 36 | 39 | 18.56 | 0.072 | 18.81 | 0.076 | 18.84 | 0.077 |
| 15 | 16QAM | 75 | 0 | 18.66 | 0.073 | 18.78 | 0.076 | 18.82 | 0.076 |



| LTE Band 25 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26090 | | 26365 | | 26640 | |
| Frequency (MHz) | | | | 1855 | | 1882.5 | | 1910 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 19.67 | 0.093 | 19.68 | 0.093 | 19.59 | 0.091 |
| 10 | QPSK | 1 | 25 | 19.62 | 0.092 | 19.56 | 0.090 | 19.55 | 0.090 |
| 10 | QPSK | 1 | 49 | 19.65 | 0.092 | 19.63 | 0.092 | 19.55 | 0.090 |
| 10 | QPSK | 25 | 0 | 18.99 | 0.079 | 18.91 | 0.078 | 18.85 | 0.077 |
| 10 | QPSK | 25 | 12 | 18.82 | 0.076 | 18.97 | 0.079 | 18.85 | 0.077 |
| 10 | QPSK | 25 | 25 | 18.84 | 0.077 | 18.96 | 0.079 | 18.63 | 0.073 |
| 10 | QPSK | 50 | 0 | 19.00 | 0.079 | 18.96 | 0.079 | 19.07 | 0.081 |
| 10 | 16QAM | 1 | 0 | 18.95 | 0.079 | 18.85 | 0.077 | 19.10 | 0.081 |
| 10 | 16QAM | 1 | 25 | 18.89 | 0.077 | 18.67 | 0.074 | 19.13 | 0.082 |
| 10 | 16QAM | 1 | 49 | 18.87 | 0.077 | 19.10 | 0.081 | 19.10 | 0.081 |
| 10 | 16QAM | 25 | 0 | 18.87 | 0.077 | 18.66 | 0.073 | 19.06 | 0.081 |
| 10 | 16QAM | 25 | 12 | 18.64 | 0.073 | 18.75 | 0.075 | 18.86 | 0.077 |
| 10 | 16QAM | 25 | 25 | 18.74 | 0.075 | 18.70 | 0.074 | 18.76 | 0.075 |
| 10 | 16QAM | 50 | 0 | 18.65 | 0.073 | 18.82 | 0.076 | 18.56 | 0.072 |



| LTE Band 25 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26065 | | 26365 | | 26665 | |
| Frequency (MHz) | | | | 1852.5 | | 1882.5 | | 1912.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 19.61 | 0.091 | 19.66 | 0.092 | 19.63 | 0.092 |
| 5 | QPSK | 1 | 12 | 19.59 | 0.091 | 19.59 | 0.091 | 19.58 | 0.091 |
| 5 | QPSK | 1 | 24 | 19.65 | 0.092 | 19.63 | 0.092 | 19.61 | 0.091 |
| 5 | QPSK | 12 | 0 | 19.04 | 0.080 | 18.78 | 0.076 | 19.04 | 0.080 |
| 5 | QPSK | 12 | 7 | 19.17 | 0.083 | 19.03 | 0.080 | 19.14 | 0.082 |
| 5 | QPSK | 12 | 13 | 18.74 | 0.075 | 19.13 | 0.082 | 19.06 | 0.081 |
| 5 | QPSK | 25 | 0 | 19.11 | 0.081 | 18.90 | 0.078 | 19.07 | 0.081 |
| 5 | 16QAM | 1 | 0 | 19.11 | 0.081 | 18.81 | 0.076 | 19.00 | 0.079 |
| 5 | 16QAM | 1 | 12 | 18.83 | 0.076 | 18.67 | 0.074 | 19.11 | 0.081 |
| 5 | 16QAM | 1 | 24 | 18.74 | 0.075 | 18.76 | 0.075 | 19.10 | 0.081 |
| 5 | 16QAM | 12 | 0 | 18.61 | 0.073 | 18.59 | 0.072 | 18.95 | 0.079 |
| 5 | 16QAM | 12 | 7 | 18.64 | 0.073 | 18.76 | 0.075 | 18.72 | 0.074 |
| 5 | 16QAM | 12 | 13 | 18.61 | 0.073 | 18.72 | 0.074 | 18.87 | 0.077 |
| 5 | 16QAM | 25 | 0 | 18.52 | 0.071 | 18.69 | 0.074 | 18.79 | 0.076 |



| LTE Band 25 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26055 | | 26365 | | 26675 | |
| Frequency (MHz) | | | | 1851.5 | | 1882.5 | | 1913.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 3 | QPSK | 1 | 0 | 19.60 | 0.091 | 19.62 | 0.092 | 19.64 | 0.092 |
| 3 | QPSK | 1 | 8 | 19.63 | 0.092 | 19.58 | 0.091 | 19.62 | 0.092 |
| 3 | QPSK | 1 | 14 | 19.51 | 0.089 | 19.59 | 0.091 | 19.52 | 0.090 |
| 3 | QPSK | 8 | 0 | 18.69 | 0.074 | 18.82 | 0.076 | 18.88 | 0.077 |
| 3 | QPSK | 8 | 4 | 18.84 | 0.077 | 18.81 | 0.076 | 18.99 | 0.079 |
| 3 | QPSK | 8 | 7 | 18.68 | 0.074 | 18.82 | 0.076 | 18.91 | 0.078 |
| 3 | QPSK | 15 | 0 | 18.75 | 0.075 | 18.81 | 0.076 | 18.95 | 0.079 |
| 3 | 16QAM | 1 | 0 | 18.81 | 0.076 | 18.89 | 0.077 | 19.05 | 0.080 |
| 3 | 16QAM | 1 | 8 | 19.09 | 0.081 | 19.05 | 0.080 | 18.89 | 0.077 |
| 3 | 16QAM | 1 | 14 | 19.15 | 0.082 | 19.05 | 0.080 | 19.00 | 0.079 |
| 3 | 16QAM | 8 | 0 | 18.59 | 0.072 | 18.59 | 0.072 | 18.59 | 0.072 |
| 3 | 16QAM | 8 | 4 | 18.59 | 0.072 | 18.75 | 0.075 | 18.94 | 0.078 |
| 3 | 16QAM | 8 | 7 | 18.70 | 0.074 | 18.89 | 0.077 | 18.95 | 0.079 |
| 3 | 16QAM | 15 | 0 | 18.74 | 0.075 | 18.64 | 0.073 | 18.85 | 0.077 |



| LTE Band 25 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26047 | | 26365 | | 26683 | |
| Frequency (MHz) | | | | 1850.7 | | 1882.5 | | 1914.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 19.61 | 0.091 | 19.61 | 0.091 | 19.59 | 0.091 |
| 1.4 | QPSK | 1 | 3 | 19.58 | 0.091 | 19.59 | 0.091 | 19.53 | 0.090 |
| 1.4 | QPSK | 1 | 5 | 19.53 | 0.090 | 19.59 | 0.091 | 19.50 | 0.089 |
| 1.4 | QPSK | 3 | 0 | 19.48 | 0.089 | 19.52 | 0.090 | 19.61 | 0.091 |
| 1.4 | QPSK | 3 | 1 | 19.51 | 0.089 | 19.55 | 0.090 | 19.58 | 0.091 |
| 1.4 | QPSK | 3 | 3 | 19.56 | 0.090 | 19.49 | 0.089 | 19.53 | 0.090 |
| 1.4 | QPSK | 6 | 0 | 18.80 | 0.076 | 18.97 | 0.079 | 18.79 | 0.076 |
| 1.4 | 16QAM | 1 | 0 | 19.11 | 0.081 | 18.93 | 0.078 | 18.63 | 0.073 |
| 1.4 | 16QAM | 1 | 3 | 18.89 | 0.077 | 18.63 | 0.073 | 18.88 | 0.077 |
| 1.4 | 16QAM | 1 | 5 | 18.63 | 0.073 | 18.89 | 0.077 | 19.00 | 0.079 |
| 1.4 | 16QAM | 3 | 0 | 18.86 | 0.077 | 18.88 | 0.077 | 18.90 | 0.078 |
| 1.4 | 16QAM | 3 | 1 | 18.90 | 0.078 | 19.05 | 0.080 | 19.11 | 0.081 |
| 1.4 | 16QAM | 3 | 3 | 18.67 | 0.074 | 18.91 | 0.078 | 19.15 | 0.082 |
| 1.4 | 16QAM | 6 | 0 | 18.77 | 0.075 | 18.90 | 0.078 | 18.57 | 0.072 |



| 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 | 18.96 | 0.079 | 19.00 | 0.079 | 18.97 | 0.079 |
| 15 | QPSK | 1 | 37 | 18.94 | 0.078 | 18.91 | 0.078 | 18.97 | 0.079 |
| 15 | QPSK | 1 | 74 | 18.92 | 0.078 | 18.90 | 0.078 | 18.92 | 0.078 |
| 15 | QPSK | 36 | 0 | 18.28 | 0.067 | 18.36 | 0.069 | 18.24 | 0.067 |
| 15 | QPSK | 36 | 20 | 18.17 | 0.066 | 18.11 | 0.065 | 17.96 | 0.063 |
| 15 | QPSK | 36 | 39 | 18.19 | 0.066 | 17.98 | 0.063 | 18.04 | 0.064 |
| 15 | QPSK | 75 | 0 | 18.25 | 0.067 | 17.99 | 0.063 | 18.06 | 0.064 |
| 15 | 16QAM | 1 | 0 | 17.97 | 0.063 | 18.12 | 0.065 | 18.40 | 0.069 |
| 15 | 16QAM | 1 | 37 | 17.93 | 0.062 | 18.04 | 0.064 | 18.18 | 0.066 |
| 15 | 16QAM | 1 | 74 | 18.08 | 0.064 | 17.97 | 0.063 | 17.98 | 0.063 |
| 15 | 16QAM | 36 | 0 | 18.08 | 0.064 | 17.94 | 0.062 | 17.97 | 0.063 |
| 15 | 16QAM | 36 | 20 | 18.03 | 0.064 | 17.83 | 0.061 | 17.98 | 0.063 |
| 15 | 16QAM | 36 | 39 | 18.10 | 0.065 | 17.90 | 0.062 | 17.98 | 0.063 |
| 15 | 16QAM | 75 | 0 | 17.98 | 0.063 | 18.00 | 0.063 | 18.00 | 0.063 |



| 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 | 18.88 | 0.077 | 18.92 | 0.078 | 18.89 | 0.077 |
| 10 | QPSK | 1 | 25 | 18.91 | 0.078 | 18.90 | 0.078 | 18.83 | 0.076 |
| 10 | QPSK | 1 | 49 | 18.77 | 0.075 | 18.90 | 0.078 | 18.82 | 0.076 |
| 10 | QPSK | 25 | 0 | 18.30 | 0.068 | 18.11 | 0.065 | 17.97 | 0.063 |
| 10 | QPSK | 25 | 12 | 18.26 | 0.067 | 18.08 | 0.064 | 17.87 | 0.061 |
| 10 | QPSK | 25 | 25 | 18.25 | 0.067 | 18.09 | 0.064 | 17.94 | 0.062 |
| 10 | QPSK | 50 | 0 | 18.26 | 0.067 | 18.14 | 0.065 | 17.96 | 0.063 |
| 10 | 16QAM | 1 | 0 | 17.98 | 0.063 | 18.30 | 0.068 | 18.07 | 0.064 |
| 10 | 16QAM | 1 | 25 | 18.07 | 0.064 | 18.16 | 0.065 | 18.21 | 0.066 |
| 10 | 16QAM | 1 | 49 | 18.01 | 0.063 | 18.00 | 0.063 | 17.98 | 0.063 |
| 10 | 16QAM | 25 | 0 | 18.02 | 0.063 | 18.16 | 0.065 | 18.45 | 0.070 |
| 10 | 16QAM | 25 | 12 | 18.03 | 0.064 | 18.19 | 0.066 | 18.27 | 0.067 |
| 10 | 16QAM | 25 | 25 | 18.20 | 0.066 | 18.08 | 0.064 | 18.14 | 0.065 |
| 10 | 16QAM | 50 | 0 | 18.37 | 0.069 | 18.24 | 0.067 | 18.26 | 0.067 |



| 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 | 18.87 | 0.077 | 18.92 | 0.078 | 18.88 | 0.077 |
| 5 | QPSK | 1 | 12 | 18.82 | 0.076 | 18.86 | 0.077 | 18.88 | 0.077 |
| 5 | QPSK | 1 | 24 | 18.78 | 0.076 | 18.90 | 0.078 | 18.90 | 0.078 |
| 5 | QPSK | 12 | 0 | 18.24 | 0.067 | 18.06 | 0.064 | 17.95 | 0.062 |
| 5 | QPSK | 12 | 7 | 18.34 | 0.068 | 18.05 | 0.064 | 18.05 | 0.064 |
| 5 | QPSK | 12 | 13 | 18.23 | 0.067 | 18.00 | 0.063 | 17.94 | 0.062 |
| 5 | QPSK | 25 | 0 | 18.27 | 0.067 | 18.08 | 0.064 | 18.13 | 0.065 |
| 5 | 16QAM | 1 | 0 | 17.98 | 0.063 | 17.98 | 0.063 | 17.99 | 0.063 |
| 5 | 16QAM | 1 | 12 | 18.02 | 0.063 | 17.92 | 0.062 | 17.89 | 0.062 |
| 5 | 16QAM | 1 | 24 | 18.07 | 0.064 | 18.07 | 0.064 | 18.12 | 0.065 |
| 5 | 16QAM | 12 | 0 | 18.35 | 0.068 | 18.17 | 0.066 | 18.15 | 0.065 |
| 5 | 16QAM | 12 | 7 | 18.20 | 0.066 | 18.22 | 0.066 | 17.91 | 0.062 |
| 5 | 16QAM | 12 | 13 | 18.32 | 0.068 | 18.17 | 0.066 | 17.96 | 0.063 |
| 5 | 16QAM | 25 | 0 | 17.87 | 0.061 | 18.01 | 0.063 | 17.98 | 0.063 |



| 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 | 18.91 | 0.078 | 18.88 | 0.077 | 18.93 | 0.078 |
| 3 | QPSK | 1 | 8 | 18.82 | 0.076 | 18.90 | 0.078 | 18.82 | 0.076 |
| 3 | QPSK | 1 | 14 | 18.87 | 0.077 | 18.83 | 0.076 | 18.89 | 0.077 |
| 3 | QPSK | 8 | 0 | 18.14 | 0.065 | 17.98 | 0.063 | 18.17 | 0.066 |
| 3 | QPSK | 8 | 4 | 18.31 | 0.068 | 18.05 | 0.064 | 17.94 | 0.062 |
| 3 | QPSK | 8 | 7 | 18.31 | 0.068 | 18.04 | 0.064 | 18.15 | 0.065 |
| 3 | QPSK | 15 | 0 | 18.16 | 0.065 | 17.96 | 0.063 | 18.06 | 0.064 |
| 3 | 16QAM | 1 | 0 | 18.27 | 0.067 | 18.21 | 0.066 | 18.22 | 0.066 |
| 3 | 16QAM | 1 | 8 | 18.26 | 0.067 | 18.15 | 0.065 | 18.18 | 0.066 |
| 3 | 16QAM | 1 | 14 | 18.24 | 0.067 | 18.09 | 0.064 | 18.09 | 0.064 |
| 3 | 16QAM | 8 | 0 | 18.33 | 0.068 | 17.96 | 0.063 | 18.03 | 0.064 |
| 3 | 16QAM | 8 | 4 | 18.27 | 0.067 | 17.94 | 0.062 | 17.98 | 0.063 |
| 3 | 16QAM | 8 | 7 | 18.03 | 0.064 | 18.00 | 0.063 | 17.94 | 0.062 |
| 3 | 16QAM | 15 | 0 | 18.10 | 0.065 | 17.97 | 0.063 | 18.07 | 0.064 |



| 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 | | dBm | | dBm | |
| | | | | W | | W | | W | |
| 1.4 | QPSK | 1 | 0 | 18.78 | 0.076 | 18.88 | 0.077 | 18.88 | 0.077 |
| 1.4 | QPSK | 1 | 3 | 18.77 | 0.075 | 18.88 | 0.077 | 18.80 | 0.076 |
| 1.4 | QPSK | 1 | 5 | 18.77 | 0.075 | 18.79 | 0.076 | 18.79 | 0.076 |
| 1.4 | QPSK | 3 | 0 | 18.91 | 0.078 | 18.79 | 0.076 | 18.81 | 0.076 |
| 1.4 | QPSK | 3 | 1 | 18.82 | 0.076 | 18.82 | 0.076 | 18.87 | 0.077 |
| 1.4 | QPSK | 3 | 3 | 18.82 | 0.076 | 18.88 | 0.077 | 18.90 | 0.078 |
| 1.4 | QPSK | 6 | 0 | 17.92 | 0.062 | 18.14 | 0.065 | 18.17 | 0.066 |
| 1.4 | 16QAM | 1 | 0 | 17.97 | 0.063 | 18.04 | 0.064 | 18.04 | 0.064 |
| 1.4 | 16QAM | 1 | 3 | 18.04 | 0.064 | 17.98 | 0.063 | 17.98 | 0.063 |
| 1.4 | 16QAM | 1 | 5 | 18.13 | 0.065 | 18.27 | 0.067 | 18.08 | 0.064 |
| 1.4 | 16QAM | 3 | 0 | 18.14 | 0.065 | 17.90 | 0.062 | 18.15 | 0.065 |
| 1.4 | 16QAM | 3 | 1 | 18.14 | 0.065 | 17.93 | 0.062 | 18.06 | 0.064 |
| 1.4 | 16QAM | 3 | 3 | 18.14 | 0.065 | 17.91 | 0.062 | 17.87 | 0.061 |
| 1.4 | 16QAM | 6 | 0 | 18.50 | 0.071 | 18.47 | 0.070 | 18.45 | 0.070 |



| LTE Band 30 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|---|--------------------|-------|------------------|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | / | | 27710 | | / | |
| Frequency (MHz) | | | | / | | 2310 | | / | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | / | / | 19.53 | 0.090 | / | / |
| 10 | QPSK | 1 | 25 | / | / | 19.48 | 0.089 | / | / |
| 10 | QPSK | 1 | 49 | / | / | 19.52 | 0.090 | / | / |
| 10 | QPSK | 25 | 0 | / | / | 18.49 | 0.071 | / | / |
| 10 | QPSK | 25 | 12 | / | / | 18.38 | 0.069 | / | / |
| 10 | QPSK | 25 | 25 | / | / | 18.36 | 0.069 | / | / |
| 10 | QPSK | 50 | 0 | / | / | 18.47 | 0.070 | / | / |
| 10 | 16QAM | 1 | 0 | / | / | 18.44 | 0.070 | / | / |
| 10 | 16QAM | 1 | 25 | / | / | 18.35 | 0.068 | / | / |
| 10 | 16QAM | 1 | 49 | / | / | 18.61 | 0.073 | / | / |
| 10 | 16QAM | 25 | 0 | / | / | 18.47 | 0.070 | / | / |
| 10 | 16QAM | 25 | 12 | / | / | 18.46 | 0.070 | / | / |
| 10 | 16QAM | 25 | 25 | / | / | 18.44 | 0.070 | / | / |
| 10 | 16QAM | 50 | 0 | / | / | 18.40 | 0.069 | / | / |



| LTE Band 30 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 27685 | | 27710 | | 27735 | |
| Frequency (MHz) | | | | 2307.5 | | 2310 | | 2312.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 19.36 | 0.086 | 19.47 | 0.089 | 19.34 | 0.086 |
| 5 | QPSK | 1 | 12 | 19.42 | 0.087 | 19.41 | 0.087 | 19.51 | 0.089 |
| 5 | QPSK | 1 | 24 | 19.35 | 0.086 | 19.31 | 0.085 | 19.48 | 0.089 |
| 5 | QPSK | 12 | 0 | 18.47 | 0.070 | 18.54 | 0.071 | 18.48 | 0.070 |
| 5 | QPSK | 12 | 7 | 18.65 | 0.073 | 18.52 | 0.071 | 18.44 | 0.070 |
| 5 | QPSK | 12 | 13 | 18.50 | 0.071 | 18.43 | 0.070 | 18.46 | 0.070 |
| 5 | QPSK | 25 | 0 | 18.55 | 0.072 | 18.39 | 0.069 | 18.45 | 0.070 |
| 5 | 16QAM | 1 | 0 | 18.54 | 0.071 | 18.61 | 0.073 | 18.47 | 0.070 |
| 5 | 16QAM | 1 | 12 | 18.42 | 0.070 | 18.57 | 0.072 | 18.25 | 0.067 |
| 5 | 16QAM | 1 | 24 | 18.53 | 0.071 | 18.18 | 0.066 | 18.28 | 0.067 |
| 5 | 16QAM | 12 | 0 | 18.21 | 0.066 | 18.28 | 0.067 | 18.45 | 0.070 |
| 5 | 16QAM | 12 | 7 | 18.24 | 0.067 | 18.28 | 0.067 | 18.29 | 0.067 |
| 5 | 16QAM | 12 | 13 | 18.21 | 0.066 | 18.40 | 0.069 | 18.38 | 0.069 |
| 5 | 16QAM | 25 | 0 | 18.29 | 0.067 | 18.39 | 0.069 | 18.51 | 0.071 |



| 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 | / | / | 19.82 | 0.096 | / | / |
| 10 | QPSK | 1 | 25 | / | / | 19.73 | 0.094 | / | / |
| 10 | QPSK | 1 | 49 | / | / | 19.71 | 0.094 | / | / |
| 10 | QPSK | 25 | 0 | / | / | 19.12 | 0.082 | / | / |
| 10 | QPSK | 25 | 12 | / | / | 18.99 | 0.079 | / | / |
| 10 | QPSK | 25 | 25 | / | / | 19.01 | 0.080 | / | / |
| 10 | QPSK | 50 | 0 | / | / | 18.93 | 0.078 | / | / |
| 10 | 16QAM | 1 | 0 | / | / | 19.02 | 0.080 | / | / |
| 10 | 16QAM | 1 | 25 | / | / | 19.00 | 0.079 | / | / |
| 10 | 16QAM | 1 | 49 | / | / | 19.04 | 0.080 | / | / |
| 10 | 16QAM | 25 | 0 | / | / | 18.93 | 0.078 | / | / |
| 10 | 16QAM | 25 | 12 | / | / | 19.00 | 0.079 | / | / |
| 10 | 16QAM | 25 | 25 | / | / | 18.97 | 0.079 | / | / |
| 10 | 16QAM | 50 | 0 | / | / | 19.04 | 0.080 | / | / |



| 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 | 19.39 | 0.087 | 19.71 | 0.094 | 19.62 | 0.092 |
| 5 | QPSK | 1 | 12 | 19.48 | 0.089 | 19.66 | 0.092 | 19.47 | 0.089 |
| 5 | QPSK | 1 | 24 | 19.43 | 0.088 | 19.49 | 0.089 | 19.59 | 0.091 |
| 5 | QPSK | 12 | 0 | 18.72 | 0.074 | 18.85 | 0.077 | 18.97 | 0.079 |
| 5 | QPSK | 12 | 7 | 18.88 | 0.077 | 18.94 | 0.078 | 19.04 | 0.080 |
| 5 | QPSK | 12 | 13 | 18.98 | 0.079 | 19.14 | 0.082 | 19.17 | 0.083 |
| 5 | QPSK | 25 | 0 | 19.01 | 0.080 | 19.07 | 0.081 | 19.28 | 0.085 |
| 5 | 16QAM | 1 | 0 | 18.83 | 0.076 | 19.00 | 0.079 | 19.08 | 0.081 |
| 5 | 16QAM | 1 | 12 | 18.99 | 0.079 | 19.10 | 0.081 | 19.17 | 0.083 |
| 5 | 16QAM | 1 | 24 | 18.91 | 0.078 | 19.00 | 0.079 | 18.99 | 0.079 |
| 5 | 16QAM | 12 | 0 | 18.97 | 0.079 | 18.85 | 0.077 | 19.01 | 0.080 |
| 5 | 16QAM | 12 | 7 | 18.99 | 0.079 | 18.91 | 0.078 | 18.94 | 0.078 |
| 5 | 16QAM | 12 | 13 | 18.84 | 0.077 | 18.82 | 0.076 | 19.01 | 0.080 |
| 5 | 16QAM | 25 | 0 | 18.81 | 0.076 | 18.93 | 0.078 | 18.96 | 0.079 |



| 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 | / | / | 19.84 | 0.096 | / | / |
| 10 | QPSK | 1 | 25 | / | / | 19.75 | 0.094 | / | / |
| 10 | QPSK | 1 | 49 | / | / | 19.71 | 0.094 | / | / |
| 10 | QPSK | 25 | 0 | / | / | 19.05 | 0.080 | / | / |
| 10 | QPSK | 25 | 12 | / | / | 18.97 | 0.079 | / | / |
| 10 | QPSK | 25 | 25 | / | / | 18.98 | 0.079 | / | / |
| 10 | QPSK | 50 | 0 | / | / | 18.95 | 0.079 | / | / |
| 10 | 16QAM | 1 | 0 | / | / | 19.05 | 0.080 | / | / |
| 10 | 16QAM | 1 | 25 | / | / | 18.96 | 0.079 | / | / |
| 10 | 16QAM | 1 | 49 | / | / | 18.88 | 0.077 | / | / |
| 10 | 16QAM | 25 | 0 | / | / | 19.00 | 0.079 | / | / |
| 10 | 16QAM | 25 | 12 | / | / | 19.03 | 0.080 | / | / |
| 10 | 16QAM | 25 | 25 | / | / | 19.02 | 0.080 | / | / |
| 10 | 16QAM | 50 | 0 | / | / | 18.99 | 0.079 | / | / |



| 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 | 19.72 | 0.094 | 19.67 | 0.093 | 19.76 | 0.095 |
| 5 | QPSK | 1 | 12 | 19.67 | 0.093 | 19.71 | 0.094 | 19.74 | 0.094 |
| 5 | QPSK | 1 | 24 | 19.60 | 0.091 | 19.79 | 0.095 | 19.79 | 0.095 |
| 5 | QPSK | 12 | 0 | 18.75 | 0.075 | 18.94 | 0.078 | 19.00 | 0.079 |
| 5 | QPSK | 12 | 7 | 18.77 | 0.075 | 18.98 | 0.079 | 19.00 | 0.079 |
| 5 | QPSK | 12 | 13 | 18.75 | 0.075 | 18.98 | 0.079 | 18.98 | 0.079 |
| 5 | QPSK | 25 | 0 | 18.70 | 0.074 | 18.88 | 0.077 | 19.04 | 0.080 |
| 5 | 16QAM | 1 | 0 | 18.81 | 0.076 | 19.07 | 0.081 | 19.05 | 0.080 |
| 5 | 16QAM | 1 | 12 | 18.76 | 0.075 | 18.94 | 0.078 | 19.00 | 0.079 |
| 5 | 16QAM | 1 | 24 | 18.65 | 0.073 | 18.76 | 0.075 | 18.83 | 0.076 |
| 5 | 16QAM | 12 | 0 | 18.73 | 0.075 | 18.89 | 0.077 | 19.06 | 0.081 |
| 5 | 16QAM | 12 | 7 | 18.65 | 0.073 | 18.98 | 0.079 | 19.06 | 0.081 |
| 5 | 16QAM | 12 | 13 | 18.71 | 0.074 | 18.92 | 0.078 | 18.88 | 0.077 |
| 5 | 16QAM | 25 | 0 | 18.78 | 0.076 | 18.93 | 0.078 | 19.02 | 0.080 |



| 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 | | | | 40140 | | 40640 | | 41140 | |
| Frequency (MHz) | | | | 2545 | | 2595 | | 2645 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 19.51 | 0.089 | 19.52 | 0.090 | 19.49 | 0.089 |
| 20 | QPSK | 1 | 49 | 19.36 | 0.086 | 19.45 | 0.088 | 19.46 | 0.088 |
| 20 | QPSK | 1 | 99 | 19.30 | 0.085 | 19.41 | 0.087 | 19.26 | 0.084 |
| 20 | QPSK | 50 | 0 | 18.62 | 0.073 | 18.83 | 0.076 | 18.76 | 0.075 |
| 20 | QPSK | 50 | 24 | 18.57 | 0.072 | 18.60 | 0.072 | 18.57 | 0.072 |
| 20 | QPSK | 50 | 50 | 18.60 | 0.072 | 18.61 | 0.073 | 18.67 | 0.074 |
| 20 | QPSK | 100 | 0 | 18.57 | 0.072 | 18.67 | 0.074 | 18.57 | 0.072 |
| 20 | 16QAM | 1 | 0 | 18.61 | 0.073 | 18.60 | 0.072 | 18.57 | 0.072 |
| 20 | 16QAM | 1 | 49 | 18.60 | 0.072 | 18.60 | 0.072 | 18.57 | 0.072 |
| 20 | 16QAM | 1 | 99 | 18.67 | 0.074 | 18.67 | 0.074 | 18.67 | 0.074 |
| 20 | 16QAM | 50 | 0 | 18.58 | 0.072 | 18.60 | 0.072 | 18.57 | 0.072 |
| 20 | 16QAM | 50 | 24 | 18.56 | 0.072 | 18.57 | 0.072 | 18.57 | 0.072 |
| 20 | 16QAM | 50 | 50 | 18.62 | 0.073 | 19.03 | 0.080 | 18.67 | 0.074 |
| 20 | 16QAM | 100 | 0 | 18.56 | 0.072 | 19.02 | 0.080 | 18.60 | 0.072 |



| 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 | | | | 40115 | | 40640 | | 41165 | |
| Frequency (MHz) | | | | 2542.5 | | 2595 | | 2647.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 19.06 | 0.081 | 19.42 | 0.087 | 19.28 | 0.085 |
| 15 | QPSK | 1 | 37 | 19.05 | 0.080 | 19.46 | 0.088 | 19.39 | 0.087 |
| 15 | QPSK | 1 | 74 | 19.05 | 0.080 | 19.39 | 0.087 | 19.19 | 0.083 |
| 15 | QPSK | 36 | 0 | 18.43 | 0.070 | 18.62 | 0.073 | 18.81 | 0.076 |
| 15 | QPSK | 36 | 20 | 18.48 | 0.070 | 18.58 | 0.072 | 18.88 | 0.077 |
| 15 | QPSK | 36 | 39 | 18.64 | 0.073 | 18.57 | 0.072 | 18.83 | 0.076 |
| 15 | QPSK | 75 | 0 | 18.42 | 0.070 | 18.60 | 0.072 | 18.80 | 0.076 |
| 15 | 16QAM | 1 | 0 | 18.36 | 0.069 | 18.97 | 0.079 | 18.42 | 0.070 |
| 15 | 16QAM | 1 | 37 | 18.57 | 0.072 | 18.54 | 0.071 | 18.51 | 0.071 |
| 15 | 16QAM | 1 | 74 | 18.53 | 0.071 | 18.11 | 0.065 | 18.44 | 0.070 |
| 15 | 16QAM | 36 | 0 | 18.40 | 0.069 | 18.51 | 0.071 | 18.89 | 0.077 |
| 15 | 16QAM | 36 | 20 | 18.45 | 0.070 | 18.47 | 0.070 | 18.91 | 0.078 |
| 15 | 16QAM | 36 | 39 | 18.52 | 0.071 | 19.01 | 0.080 | 18.67 | 0.074 |
| 15 | 16QAM | 75 | 0 | 18.43 | 0.070 | 18.49 | 0.071 | 18.27 | 0.067 |



| 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 | 19.10 | 0.081 | 19.39 | 0.087 | 19.26 | 0.084 |
| 10 | QPSK | 1 | 25 | 19.30 | 0.085 | 19.26 | 0.084 | 19.21 | 0.083 |
| 10 | QPSK | 1 | 49 | 19.07 | 0.081 | 19.46 | 0.088 | 19.22 | 0.084 |
| 10 | QPSK | 25 | 0 | 18.39 | 0.069 | 18.70 | 0.074 | 18.67 | 0.074 |
| 10 | QPSK | 25 | 12 | 18.47 | 0.070 | 18.59 | 0.072 | 18.67 | 0.074 |
| 10 | QPSK | 25 | 25 | 18.51 | 0.071 | 18.54 | 0.071 | 19.03 | 0.080 |
| 10 | QPSK | 50 | 0 | 18.56 | 0.072 | 18.62 | 0.073 | 18.27 | 0.067 |
| 10 | 16QAM | 1 | 0 | 18.42 | 0.070 | 18.44 | 0.070 | 18.47 | 0.070 |
| 10 | 16QAM | 1 | 25 | 18.60 | 0.072 | 18.59 | 0.072 | 18.51 | 0.071 |
| 10 | 16QAM | 1 | 49 | 18.46 | 0.070 | 18.51 | 0.071 | 18.66 | 0.073 |
| 10 | 16QAM | 25 | 0 | 18.46 | 0.070 | 18.65 | 0.073 | 18.32 | 0.068 |
| 10 | 16QAM | 25 | 12 | 18.59 | 0.072 | 18.51 | 0.071 | 18.08 | 0.064 |
| 10 | 16QAM | 25 | 25 | 18.56 | 0.072 | 18.63 | 0.073 | 18.59 | 0.072 |
| 10 | 16QAM | 50 | 0 | 18.54 | 0.071 | 18.61 | 0.073 | 18.35 | 0.068 |



| 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 | 19.07 | 0.081 | 19.39 | 0.087 | 19.17 | 0.083 |
| 5 | QPSK | 1 | 12 | 19.06 | 0.081 | 19.26 | 0.084 | 19.21 | 0.083 |
| 5 | QPSK | 1 | 24 | 19.19 | 0.083 | 19.36 | 0.086 | 19.22 | 0.084 |
| 5 | QPSK | 12 | 0 | 18.20 | 0.066 | 18.58 | 0.072 | 18.18 | 0.066 |
| 5 | QPSK | 12 | 7 | 18.49 | 0.071 | 18.64 | 0.073 | 18.61 | 0.073 |
| 5 | QPSK | 12 | 13 | 18.43 | 0.070 | 18.86 | 0.077 | 18.67 | 0.074 |
| 5 | QPSK | 25 | 0 | 18.46 | 0.070 | 18.87 | 0.077 | 18.60 | 0.072 |
| 5 | 16QAM | 1 | 0 | 18.90 | 0.078 | 18.88 | 0.077 | 18.51 | 0.071 |
| 5 | 16QAM | 1 | 12 | 18.51 | 0.071 | 19.05 | 0.080 | 18.41 | 0.069 |
| 5 | 16QAM | 1 | 24 | 18.52 | 0.071 | 18.86 | 0.077 | 18.67 | 0.074 |
| 5 | 16QAM | 12 | 0 | 18.50 | 0.071 | 18.52 | 0.071 | 18.47 | 0.070 |
| 5 | 16QAM | 12 | 7 | 18.62 | 0.073 | 18.62 | 0.073 | 18.60 | 0.072 |
| 5 | 16QAM | 12 | 13 | 18.68 | 0.074 | 18.52 | 0.071 | 18.39 | 0.069 |
| 5 | 16QAM | 25 | 0 | 18.60 | 0.072 | 18.60 | 0.072 | 18.37 | 0.069 |



| 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 | 20.60 | 0.115 | 20.71 | 0.118 | 20.62 | 0.115 |
| 20 | QPSK | 1 | 49 | 20.43 | 0.110 | 20.42 | 0.110 | 20.38 | 0.109 |
| 20 | QPSK | 1 | 99 | 20.36 | 0.109 | 20.35 | 0.108 | 20.38 | 0.109 |
| 20 | QPSK | 50 | 0 | 19.81 | 0.096 | 19.88 | 0.097 | 19.84 | 0.096 |
| 20 | QPSK | 50 | 24 | 19.62 | 0.092 | 19.64 | 0.092 | 19.77 | 0.095 |
| 20 | QPSK | 50 | 50 | 19.66 | 0.092 | 19.74 | 0.094 | 19.62 | 0.092 |
| 20 | QPSK | 100 | 0 | 19.64 | 0.092 | 19.64 | 0.092 | 19.56 | 0.090 |
| 20 | 16QAM | 1 | 0 | 19.69 | 0.093 | 19.45 | 0.088 | 19.73 | 0.094 |
| 20 | 16QAM | 1 | 49 | 19.74 | 0.094 | 19.48 | 0.089 | 19.54 | 0.090 |
| 20 | 16QAM | 1 | 99 | 19.74 | 0.094 | 19.92 | 0.098 | 19.71 | 0.094 |
| 20 | 16QAM | 50 | 0 | 19.86 | 0.097 | 19.83 | 0.096 | 19.80 | 0.095 |
| 20 | 16QAM | 50 | 24 | 19.75 | 0.094 | 19.75 | 0.094 | 19.76 | 0.095 |
| 20 | 16QAM | 50 | 50 | 19.72 | 0.094 | 19.64 | 0.092 | 19.60 | 0.091 |
| 20 | 16QAM | 100 | 0 | 19.68 | 0.093 | 19.71 | 0.094 | 19.77 | 0.095 |



| 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 | 20.44 | 0.111 | 20.48 | 0.112 | 20.46 | 0.111 |
| 15 | QPSK | 1 | 37 | 20.58 | 0.114 | 20.44 | 0.111 | 20.42 | 0.110 |
| 15 | QPSK | 1 | 74 | 20.42 | 0.110 | 20.38 | 0.109 | 20.36 | 0.109 |
| 15 | QPSK | 36 | 0 | 19.63 | 0.092 | 19.60 | 0.091 | 19.64 | 0.092 |
| 15 | QPSK | 36 | 20 | 19.63 | 0.092 | 19.55 | 0.090 | 19.65 | 0.092 |
| 15 | QPSK | 36 | 39 | 19.49 | 0.089 | 19.54 | 0.090 | 19.51 | 0.089 |
| 15 | QPSK | 75 | 0 | 19.58 | 0.091 | 19.62 | 0.092 | 19.55 | 0.090 |
| 15 | 16QAM | 1 | 0 | 19.57 | 0.091 | 19.44 | 0.088 | 19.74 | 0.094 |
| 15 | 16QAM | 1 | 37 | 19.44 | 0.088 | 19.74 | 0.094 | 19.67 | 0.093 |
| 15 | 16QAM | 1 | 74 | 19.54 | 0.090 | 19.44 | 0.088 | 19.44 | 0.088 |
| 15 | 16QAM | 36 | 0 | 19.75 | 0.094 | 19.75 | 0.094 | 19.66 | 0.092 |
| 15 | 16QAM | 36 | 20 | 19.78 | 0.095 | 19.77 | 0.095 | 19.83 | 0.096 |
| 15 | 16QAM | 36 | 39 | 19.70 | 0.093 | 19.85 | 0.097 | 19.79 | 0.095 |
| 15 | 16QAM | 75 | 0 | 19.80 | 0.095 | 19.78 | 0.095 | 19.74 | 0.094 |



| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 132022 | | 132322 | | 132622 | |
| Frequency (MHz) | | | | 1715 | | 1745 | | 1775 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 20.42 | 0.110 | 20.42 | 0.110 | 20.43 | 0.110 |
| 10 | QPSK | 1 | 25 | 20.32 | 0.108 | 20.30 | 0.107 | 20.38 | 0.109 |
| 10 | QPSK | 1 | 49 | 20.46 | 0.111 | 20.34 | 0.108 | 20.24 | 0.106 |
| 10 | QPSK | 25 | 0 | 19.89 | 0.097 | 19.82 | 0.096 | 19.89 | 0.097 |
| 10 | QPSK | 25 | 12 | 19.86 | 0.097 | 20.05 | 0.101 | 19.83 | 0.096 |
| 10 | QPSK | 25 | 25 | 19.87 | 0.097 | 19.83 | 0.096 | 19.75 | 0.094 |
| 10 | QPSK | 50 | 0 | 19.95 | 0.099 | 19.80 | 0.095 | 19.99 | 0.100 |
| 10 | 16QAM | 1 | 0 | 19.87 | 0.097 | 19.87 | 0.097 | 20.07 | 0.102 |
| 10 | 16QAM | 1 | 25 | 19.87 | 0.097 | 19.96 | 0.099 | 20.08 | 0.102 |
| 10 | 16QAM | 1 | 49 | 19.70 | 0.093 | 19.90 | 0.098 | 19.78 | 0.095 |
| 10 | 16QAM | 25 | 0 | 19.71 | 0.094 | 19.88 | 0.097 | 19.76 | 0.095 |
| 10 | 16QAM | 25 | 12 | 19.70 | 0.093 | 19.90 | 0.098 | 19.81 | 0.096 |
| 10 | 16QAM | 25 | 25 | 19.61 | 0.091 | 19.66 | 0.092 | 19.66 | 0.092 |
| 10 | 16QAM | 50 | 0 | 19.77 | 0.095 | 19.81 | 0.096 | 19.82 | 0.096 |



| 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 | | dBm | | dBm | |
| | | | | W | | W | | W | |
| 5 | QPSK | 1 | 0 | 20.31 | 0.107 | 20.34 | 0.108 | 20.39 | 0.109 |
| 5 | QPSK | 1 | 12 | 20.34 | 0.108 | 20.34 | 0.108 | 20.33 | 0.108 |
| 5 | QPSK | 1 | 24 | 20.42 | 0.110 | 20.32 | 0.108 | 20.38 | 0.109 |
| 5 | QPSK | 12 | 0 | 19.58 | 0.091 | 19.60 | 0.091 | 19.56 | 0.090 |
| 5 | QPSK | 12 | 7 | 19.60 | 0.091 | 19.68 | 0.093 | 19.61 | 0.091 |
| 5 | QPSK | 12 | 13 | 19.51 | 0.089 | 19.57 | 0.091 | 19.58 | 0.091 |
| 5 | QPSK | 25 | 0 | 19.61 | 0.091 | 19.62 | 0.092 | 19.61 | 0.091 |
| 5 | 16QAM | 1 | 0 | 20.10 | 0.102 | 19.79 | 0.095 | 19.80 | 0.095 |
| 5 | 16QAM | 1 | 12 | 19.73 | 0.094 | 20.02 | 0.100 | 19.97 | 0.099 |
| 5 | 16QAM | 1 | 24 | 19.85 | 0.097 | 19.74 | 0.094 | 20.09 | 0.102 |
| 5 | 16QAM | 12 | 0 | 19.74 | 0.094 | 19.85 | 0.097 | 19.81 | 0.096 |
| 5 | 16QAM | 12 | 7 | 19.91 | 0.098 | 19.83 | 0.096 | 19.95 | 0.099 |
| 5 | 16QAM | 12 | 13 | 19.82 | 0.096 | 19.76 | 0.095 | 19.83 | 0.096 |
| 5 | 16QAM | 25 | 0 | 19.83 | 0.096 | 19.85 | 0.097 | 19.77 | 0.095 |



| 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 | 20.38 | 0.109 | 20.29 | 0.107 | 20.28 | 0.107 |
| 3 | QPSK | 1 | 8 | 20.25 | 0.106 | 20.26 | 0.106 | 20.34 | 0.108 |
| 3 | QPSK | 1 | 14 | 20.16 | 0.104 | 19.97 | 0.099 | 20.27 | 0.106 |
| 3 | QPSK | 8 | 0 | 19.84 | 0.096 | 19.81 | 0.096 | 19.85 | 0.097 |
| 3 | QPSK | 8 | 4 | 19.84 | 0.096 | 19.76 | 0.095 | 19.86 | 0.097 |
| 3 | QPSK | 8 | 7 | 19.70 | 0.093 | 19.75 | 0.094 | 19.72 | 0.094 |
| 3 | QPSK | 15 | 0 | 19.79 | 0.095 | 19.83 | 0.096 | 19.76 | 0.095 |
| 3 | 16QAM | 1 | 0 | 19.48 | 0.089 | 19.89 | 0.097 | 19.65 | 0.092 |
| 3 | 16QAM | 1 | 8 | 19.81 | 0.096 | 19.75 | 0.094 | 19.74 | 0.094 |
| 3 | 16QAM | 1 | 14 | 19.85 | 0.097 | 19.74 | 0.094 | 19.44 | 0.088 |
| 3 | 16QAM | 8 | 0 | 19.66 | 0.092 | 19.66 | 0.092 | 19.57 | 0.091 |
| 3 | 16QAM | 8 | 4 | 19.69 | 0.093 | 19.68 | 0.093 | 19.74 | 0.094 |
| 3 | 16QAM | 8 | 7 | 19.61 | 0.091 | 19.76 | 0.095 | 19.70 | 0.093 |
| 3 | 16QAM | 15 | 0 | 19.71 | 0.094 | 19.69 | 0.093 | 19.65 | 0.092 |



| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 131979 | | 132322 | | 132665 | |
| Frequency (MHz) | | | | 1710.7 | | 1745 | | 1779.3 | |
| | | | | dBm | | dBm | | dBm | |
| | | | | W | | W | | W | |
| 1.4 | QPSK | 1 | 0 | 20.32 | 0.108 | 20.23 | 0.105 | 20.24 | 0.106 |
| 1.4 | QPSK | 1 | 3 | 20.38 | 0.109 | 20.40 | 0.110 | 20.40 | 0.110 |
| 1.4 | QPSK | 1 | 5 | 20.30 | 0.107 | 20.18 | 0.104 | 20.34 | 0.108 |
| 1.4 | QPSK | 3 | 0 | 20.29 | 0.107 | 20.22 | 0.105 | 20.29 | 0.107 |
| 1.4 | QPSK | 3 | 1 | 20.26 | 0.106 | 20.32 | 0.108 | 20.23 | 0.105 |
| 1.4 | QPSK | 3 | 3 | 20.27 | 0.106 | 20.23 | 0.105 | 20.15 | 0.104 |
| 1.4 | QPSK | 6 | 0 | 19.87 | 0.097 | 19.72 | 0.094 | 19.91 | 0.098 |
| 1.4 | 16QAM | 1 | 0 | 19.79 | 0.095 | 19.79 | 0.095 | 19.99 | 0.100 |
| 1.4 | 16QAM | 1 | 3 | 19.79 | 0.095 | 19.88 | 0.097 | 20.00 | 0.100 |
| 1.4 | 16QAM | 1 | 5 | 19.82 | 0.096 | 20.02 | 0.100 | 19.90 | 0.098 |
| 1.4 | 16QAM | 3 | 0 | 19.53 | 0.090 | 19.50 | 0.089 | 19.76 | 0.095 |
| 1.4 | 16QAM | 3 | 1 | 19.62 | 0.092 | 19.52 | 0.090 | 19.64 | 0.092 |
| 1.4 | 16QAM | 3 | 3 | 19.63 | 0.092 | 19.64 | 0.092 | 19.58 | 0.091 |
| 1.4 | 16QAM | 6 | 0 | 19.52 | 0.090 | 19.43 | 0.088 | 19.44 | 0.088 |



| LTE Band 71 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 133222 | | 133322 | | 133372 | |
| Frequency (MHz) | | | | 673 | | 683 | | 688 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 17.89 | 0.062 | 17.96 | 0.063 | 17.93 | 0.062 |
| 20 | QPSK | 1 | 49 | 17.88 | 0.061 | 17.90 | 0.062 | 17.90 | 0.062 |
| 20 | QPSK | 1 | 99 | 17.80 | 0.060 | 17.86 | 0.061 | 17.83 | 0.061 |
| 20 | QPSK | 50 | 0 | 17.00 | 0.050 | 17.22 | 0.053 | 17.08 | 0.051 |
| 20 | QPSK | 50 | 24 | 16.93 | 0.049 | 17.00 | 0.050 | 16.96 | 0.050 |
| 20 | QPSK | 50 | 50 | 16.97 | 0.050 | 17.02 | 0.050 | 16.96 | 0.050 |
| 20 | QPSK | 100 | 0 | 16.85 | 0.048 | 16.96 | 0.050 | 16.99 | 0.050 |
| 20 | 16QAM | 1 | 0 | 16.97 | 0.050 | 16.97 | 0.050 | 16.90 | 0.049 |
| 20 | 16QAM | 1 | 49 | 17.22 | 0.053 | 16.82 | 0.048 | 17.22 | 0.053 |
| 20 | 16QAM | 1 | 99 | 17.16 | 0.052 | 17.15 | 0.052 | 17.26 | 0.053 |
| 20 | 16QAM | 50 | 0 | 17.01 | 0.050 | 17.15 | 0.052 | 16.76 | 0.047 |
| 20 | 16QAM | 50 | 24 | 17.12 | 0.052 | 16.94 | 0.049 | 16.85 | 0.048 |
| 20 | 16QAM | 50 | 50 | 17.11 | 0.051 | 16.75 | 0.047 | 16.79 | 0.048 |
| 20 | 16QAM | 100 | 0 | 17.12 | 0.052 | 17.15 | 0.052 | 16.81 | 0.048 |



| LTE Band 71 | | | | Measured E.R.P. | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|---|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | | | |
| Channel | | | | 133197 | | 133297 | | 133397 | | | |
| Frequency (MHz) | | | | 670.5 | | 680.5 | | 690.5 | | | |
| | | | | dBm | | W | | dBm | | W | |
| 15 | QPSK | 1 | 0 | 17.62 | 0.058 | 17.80 | 0.060 | 17.81 | 0.060 | | |
| 15 | QPSK | 1 | 37 | 17.60 | 0.058 | 17.73 | 0.059 | 17.84 | 0.061 | | |
| 15 | QPSK | 1 | 74 | 17.62 | 0.058 | 17.84 | 0.061 | 17.81 | 0.060 | | |
| 15 | QPSK | 36 | 0 | 16.71 | 0.047 | 16.96 | 0.050 | 17.00 | 0.050 | | |
| 15 | QPSK | 36 | 20 | 16.91 | 0.049 | 17.00 | 0.050 | 16.96 | 0.050 | | |
| 15 | QPSK | 36 | 39 | 16.98 | 0.050 | 16.96 | 0.050 | 16.89 | 0.049 | | |
| 15 | QPSK | 75 | 0 | 16.86 | 0.049 | 16.86 | 0.049 | 16.87 | 0.049 | | |
| 15 | 16QAM | 1 | 0 | 16.94 | 0.049 | 16.96 | 0.050 | 16.86 | 0.049 | | |
| 15 | 16QAM | 1 | 37 | 16.96 | 0.050 | 17.00 | 0.050 | 16.68 | 0.047 | | |
| 15 | 16QAM | 1 | 74 | 16.97 | 0.050 | 16.87 | 0.049 | 16.67 | 0.046 | | |
| 15 | 16QAM | 36 | 0 | 17.00 | 0.050 | 16.96 | 0.050 | 16.85 | 0.048 | | |
| 15 | 16QAM | 36 | 20 | 16.98 | 0.050 | 17.12 | 0.052 | 16.89 | 0.049 | | |
| 15 | 16QAM | 36 | 39 | 17.00 | 0.050 | 17.02 | 0.050 | 16.87 | 0.049 | | |
| 15 | 16QAM | 75 | 0 | 16.96 | 0.050 | 16.91 | 0.049 | 16.85 | 0.048 | | |



| LTE Band 71 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 133172 | | 133297 | | 133422 | |
| Frequency (MHz) | | | | 668 | | 680.5 | | 693 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 17.65 | 0.058 | 17.84 | 0.061 | 17.63 | 0.058 |
| 10 | QPSK | 1 | 25 | 17.76 | 0.060 | 17.63 | 0.058 | 17.83 | 0.061 |
| 10 | QPSK | 1 | 49 | 17.77 | 0.060 | 17.79 | 0.060 | 17.52 | 0.056 |
| 10 | QPSK | 25 | 0 | 16.96 | 0.050 | 16.82 | 0.048 | 16.82 | 0.048 |
| 10 | QPSK | 25 | 12 | 17.19 | 0.052 | 17.15 | 0.052 | 16.86 | 0.049 |
| 10 | QPSK | 25 | 25 | 17.20 | 0.052 | 17.22 | 0.053 | 16.82 | 0.048 |
| 10 | QPSK | 50 | 0 | 17.18 | 0.052 | 17.10 | 0.051 | 16.82 | 0.048 |
| 10 | 16QAM | 1 | 0 | 16.78 | 0.048 | 16.55 | 0.045 | 16.86 | 0.049 |
| 10 | 16QAM | 1 | 25 | 16.92 | 0.049 | 16.82 | 0.048 | 17.22 | 0.053 |
| 10 | 16QAM | 1 | 49 | 17.29 | 0.054 | 16.85 | 0.048 | 16.94 | 0.049 |
| 10 | 16QAM | 25 | 0 | 16.82 | 0.048 | 16.93 | 0.049 | 16.89 | 0.049 |
| 10 | 16QAM | 25 | 12 | 17.12 | 0.052 | 16.82 | 0.048 | 16.95 | 0.050 |
| 10 | 16QAM | 25 | 25 | 16.82 | 0.048 | 16.96 | 0.050 | 17.01 | 0.050 |
| 10 | 16QAM | 50 | 0 | 16.94 | 0.049 | 16.98 | 0.050 | 16.90 | 0.049 |



| LTE Band 71 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 133147 | | 133297 | | 133447 | |
| Frequency (MHz) | | | | 665.5 | | 680.5 | | 695.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 17.69 | 0.059 | 17.79 | 0.060 | 17.63 | 0.058 |
| 5 | QPSK | 1 | 12 | 17.63 | 0.058 | 17.84 | 0.061 | 17.82 | 0.061 |
| 5 | QPSK | 1 | 24 | 17.63 | 0.058 | 17.62 | 0.058 | 17.61 | 0.058 |
| 5 | QPSK | 12 | 0 | 16.83 | 0.048 | 17.31 | 0.054 | 16.90 | 0.049 |
| 5 | QPSK | 12 | 7 | 16.97 | 0.050 | 16.96 | 0.050 | 16.96 | 0.050 |
| 5 | QPSK | 12 | 13 | 16.85 | 0.048 | 16.87 | 0.049 | 16.89 | 0.049 |
| 5 | QPSK | 25 | 0 | 17.15 | 0.052 | 17.16 | 0.052 | 16.82 | 0.048 |
| 5 | 16QAM | 1 | 0 | 17.11 | 0.051 | 17.22 | 0.053 | 17.12 | 0.052 |
| 5 | 16QAM | 1 | 12 | 16.94 | 0.049 | 17.12 | 0.052 | 16.82 | 0.048 |
| 5 | 16QAM | 1 | 24 | 16.94 | 0.049 | 16.95 | 0.050 | 16.94 | 0.049 |
| 5 | 16QAM | 12 | 0 | 16.95 | 0.050 | 17.00 | 0.050 | 16.94 | 0.049 |
| 5 | 16QAM | 12 | 7 | 16.94 | 0.049 | 16.96 | 0.050 | 16.94 | 0.049 |
| 5 | 16QAM | 12 | 13 | 16.85 | 0.048 | 16.97 | 0.050 | 16.94 | 0.049 |
| 5 | 16QAM | 25 | 0 | 17.12 | 0.052 | 16.84 | 0.048 | 17.02 | 0.050 |



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

S
Y
E
B
P
A
†

Attenuator 1

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 | 1.28 |
| | Low | 16QAM | 1.10 | 1.30 |
| | Mid | QPSK | 1.10 | 1.27 |
| | Mid | 16QAM | 1.10 | 1.28 |
| | High | QPSK | 1.10 | 1.28 |
| | High | 16QAM | 1.10 | 1.30 |
| 3 | Low | QPSK | 2.69 | 2.92 |
| | Low | 16QAM | 2.69 | 2.97 |
| | Mid | QPSK | 2.69 | 2.91 |
| | Mid | 16QAM | 2.69 | 2.92 |
| | High | QPSK | 2.68 | 2.92 |
| | High | 16QAM | 2.69 | 2.93 |
| 5 | Low | QPSK | 4.49 | 4.93 |
| | Low | 16QAM | 4.50 | 4.90 |
| | Mid | QPSK | 4.49 | 4.93 |
| | Mid | 16QAM | 4.50 | 4.91 |
| | High | QPSK | 4.50 | 4.92 |
| | High | 16QAM | 4.50 | 4.94 |
| 10 | Low | QPSK | 8.99 | 9.76 |
| | Low | 16QAM | 8.96 | 9.73 |
| | Mid | QPSK | 8.99 | 9.77 |
| | Mid | 16QAM | 8.97 | 9.67 |
| | High | QPSK | 8.99 | 9.68 |
| | High | 16QAM | 8.96 | 9.67 |
| 15 | Low | QPSK | 13.46 | 14.65 |
| | Low | 16QAM | 13.49 | 14.57 |
| | Mid | QPSK | 13.47 | 14.64 |
| | Mid | 16QAM | 13.46 | 14.63 |
| | High | QPSK | 13.46 | 14.63 |
| | High | 16QAM | 13.45 | 14.54 |
| 20 | Low | QPSK | 17.97 | 19.43 |
| | Low | 16QAM | 18.00 | 19.42 |
| | Mid | QPSK | 17.94 | 19.24 |
| | Mid | 16QAM | 17.97 | 19.32 |
| | High | QPSK | 17.91 | 19.37 |
| | High | 16QAM | 17.97 | 19.4 |



| LTE Band 4 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.26 |
| | Low | 16QAM | 1.10 | 1.31 |
| | Mid | QPSK | 1.09 | 1.27 |
| | Mid | 16QAM | 1.10 | 1.30 |
| | High | QPSK | 1.10 | 1.27 |
| | High | 16QAM | 1.09 | 1.30 |
| 3 | Low | QPSK | 2.69 | 2.92 |
| | Low | 16QAM | 2.69 | 2.92 |
| | Mid | QPSK | 2.69 | 2.91 |
| | Mid | 16QAM | 2.69 | 2.92 |
| | High | QPSK | 2.69 | 2.91 |
| | High | 16QAM | 2.69 | 2.92 |
| 5 | Low | QPSK | 4.49 | 4.91 |
| | Low | 16QAM | 4.50 | 4.90 |
| | Mid | QPSK | 4.50 | 4.92 |
| | Mid | 16QAM | 4.50 | 4.94 |
| | High | QPSK | 4.50 | 4.93 |
| | High | 16QAM | 4.51 | 4.90 |
| 10 | Low | QPSK | 9.01 | 9.68 |
| | Low | 16QAM | 8.97 | 9.69 |
| | Mid | QPSK | 9.01 | 9.76 |
| | Mid | 16QAM | 8.97 | 9.65 |
| | High | QPSK | 8.98 | 9.71 |
| | High | 16QAM | 8.96 | 9.68 |
| 15 | Low | QPSK | 13.45 | 14.58 |
| | Low | 16QAM | 13.47 | 14.54 |
| | Mid | QPSK | 13.46 | 14.56 |
| | Mid | 16QAM | 13.46 | 14.64 |
| | High | QPSK | 13.47 | 14.64 |
| | High | 16QAM | 13.44 | 14.52 |
| 20 | Low | QPSK | 17.96 | 19.31 |
| | Low | 16QAM | 17.98 | 19.39 |
| | Mid | QPSK | 17.93 | 19.43 |
| | Mid | 16QAM | 17.97 | 20.21 |
| | High | QPSK | 17.90 | 19.29 |
| | High | 16QAM | 17.96 | 19.35 |



| LTE Band 5 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.27 |
| | Low | 16QAM | 1.10 | 1.29 |
| | Mid | QPSK | 1.10 | 1.27 |
| | Mid | 16QAM | 1.10 | 1.30 |
| | High | QPSK | 1.10 | 1.27 |
| | High | 16QAM | 1.10 | 1.30 |
| 3 | Low | QPSK | 2.69 | 2.92 |
| | Low | 16QAM | 2.68 | 2.91 |
| | Mid | QPSK | 2.69 | 2.91 |
| | Mid | 16QAM | 2.69 | 2.93 |
| | High | QPSK | 2.68 | 2.92 |
| | High | 16QAM | 2.69 | 2.92 |
| 5 | Low | QPSK | 4.50 | 4.95 |
| | Low | 16QAM | 4.51 | 4.92 |
| | Mid | QPSK | 4.49 | 4.91 |
| | Mid | 16QAM | 4.51 | 4.93 |
| | High | QPSK | 4.48 | 4.91 |
| | High | 16QAM | 4.49 | 4.95 |
| 10 | Low | QPSK | 9.01 | 9.75 |
| | Low | 16QAM | 8.98 | 9.74 |
| | Mid | QPSK | 8.98 | 9.66 |
| | Mid | 16QAM | 8.96 | 9.71 |
| | High | QPSK | 9.02 | 9.75 |
| | High | 16QAM | 8.98 | 9.75 |



| LTE Band 7 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.50 | 4.89 |
| | Low | 16QAM | 4.50 | 4.94 |
| | Mid | QPSK | 4.50 | 4.98 |
| | Mid | 16QAM | 4.50 | 4.91 |
| | High | QPSK | 4.49 | 4.92 |
| | High | 16QAM | 4.50 | 4.89 |
| 10 | Low | QPSK | 8.98 | 9.69 |
| | Low | 16QAM | 8.98 | 9.66 |
| | Mid | QPSK | 8.99 | 9.79 |
| | Mid | 16QAM | 8.96 | 9.68 |
| | High | QPSK | 8.98 | 9.74 |
| | High | 16QAM | 8.96 | 9.75 |
| 15 | Low | QPSK | 13.46 | 14.58 |
| | Low | 16QAM | 13.47 | 14.67 |
| | Mid | QPSK | 13.47 | 14.68 |
| | Mid | 16QAM | 13.47 | 14.57 |
| | High | QPSK | 13.49 | 14.60 |
| | High | 16QAM | 13.45 | 14.52 |
| 20 | Low | QPSK | 17.92 | 19.34 |
| | Low | 16QAM | 17.97 | 19.39 |
| | Mid | QPSK | 17.97 | 19.76 |
| | Mid | 16QAM | 17.96 | 19.39 |
| | High | QPSK | 17.90 | 19.28 |
| | High | 16QAM | 17.91 | 19.35 |



| LTE Band 12 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.27 |
| | Low | 16QAM | 1.10 | 1.29 |
| | Mid | QPSK | 1.10 | 1.27 |
| | Mid | 16QAM | 1.10 | 1.30 |
| | High | QPSK | 1.09 | 1.27 |
| | High | 16QAM | 1.10 | 1.28 |
| 3 | Low | QPSK | 2.69 | 2.93 |
| | Low | 16QAM | 2.69 | 2.92 |
| | Mid | QPSK | 2.69 | 2.91 |
| | Mid | 16QAM | 2.69 | 2.93 |
| | High | QPSK | 2.69 | 2.92 |
| | High | 16QAM | 2.69 | 2.93 |
| 5 | Low | QPSK | 4.52 | 5.19 |
| | Low | 16QAM | 4.51 | 5.14 |
| | Mid | QPSK | 4.51 | 5.16 |
| | Mid | 16QAM | 4.52 | 5.12 |
| | High | QPSK | 4.52 | 5.18 |
| | High | 16QAM | 4.51 | 5.12 |
| 10 | Low | QPSK | 9.07 | 10.13 |
| | Low | 16QAM | 9.01 | 9.92 |
| | Mid | QPSK | 9.02 | 10.0 |
| | Mid | 16QAM | 8.98 | 10.07 |
| | High | QPSK | 9.01 | 10.07 |
| | High | 16QAM | 8.96 | 9.99 |



| LTE Band 13 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.51 | 5.21 |
| | Low | 16QAM | 4.52 | 5.17 |
| | Mid | QPSK | 4.52 | 5.2 |
| | Mid | 16QAM | 4.53 | 5.15 |
| | High | QPSK | 4.52 | 5.17 |
| | High | 16QAM | 4.52 | 5.17 |
| 10 | Low | QPSK | 9.05 | 10.10 |
| | Low | 16QAM | 9.00 | 10.02 |
| | Mid | QPSK | 9.04 | 10.12 |
| | Mid | 16QAM | 9.01 | 10.08 |
| | High | QPSK | 9.05 | 10.10 |
| | High | 16QAM | 9.01 | 9.96 |



| LTE Band 17 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.52 | 5.17 |
| | Low | 16QAM | 4.52 | 5.14 |
| | Mid | QPSK | 4.51 | 5.16 |
| | Mid | 16QAM | 4.51 | 5.12 |
| | High | QPSK | 4.52 | 5.17 |
| | High | 16QAM | 4.50 | 5.15 |
| 10 | Low | QPSK | 8.97 | 9.98 |
| | Low | 16QAM | 8.97 | 9.85 |
| | Mid | QPSK | 8.99 | 9.98 |
| | Mid | 16QAM | 8.94 | 9.82 |
| | High | QPSK | 8.99 | 10.02 |
| | High | 16QAM | 8.95 | 9.89 |



| LTE Band 25 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.28 |
| | Low | 16QAM | 1.10 | 1.30 |
| | Mid | QPSK | 1.09 | 1.27 |
| | Mid | 16QAM | 1.10 | 1.29 |
| | High | QPSK | 1.10 | 1.28 |
| | High | 16QAM | 1.11 | 1.3 |
| 3 | Low | QPSK | 2.69 | 2.91 |
| | Low | 16QAM | 2.69 | 2.94 |
| | Mid | QPSK | 2.69 | 2.91 |
| | Mid | 16QAM | 2.68 | 2.92 |
| | High | QPSK | 2.69 | 2.94 |
| | High | 16QAM | 2.69 | 2.93 |
| 5 | Low | QPSK | 4.52 | 5.2 |
| | Low | 16QAM | 4.52 | 5.17 |
| | Mid | QPSK | 4.52 | 5.21 |
| | Mid | 16QAM | 4.52 | 5.16 |
| | High | QPSK | 4.51 | 5.21 |
| | High | 16QAM | 4.51 | 5.12 |
| 10 | Low | QPSK | 9.03 | 10.07 |
| | Low | 16QAM | 8.99 | 9.92 |
| | Mid | QPSK | 9.02 | 10.02 |
| | Mid | 16QAM | 8.98 | 9.95 |
| | High | QPSK | 9.00 | 10.04 |
| | High | 16QAM | 8.97 | 10.01 |
| 15 | Low | QPSK | 13.52 | 15.01 |
| | Low | 16QAM | 13.52 | 15.02 |
| | Mid | QPSK | 13.51 | 14.92 |
| | Mid | 16QAM | 13.49 | 15.00 |
| | High | QPSK | 13.45 | 14.98 |
| | High | 16QAM | 13.46 | 15.30 |
| 20 | Low | QPSK | 18.00 | 19.92 |
| | Low | 16QAM | 18.01 | 19.86 |
| | Mid | QPSK | 17.97 | 19.62 |
| | Mid | 16QAM | 17.99 | 19.81 |
| | High | QPSK | 17.92 | 19.59 |
| | High | 16QAM | 17.94 | 19.65 |



| LTE Band 26 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.10 | 1.27 |
| | Low | 16QAM | 1.10 | 1.26 |
| | Mid | QPSK | 1.10 | 1.27 |
| | Mid | 16QAM | 1.09 | 1.27 |
| | High | QPSK | 1.09 | 1.27 |
| | High | 16QAM | 1.10 | 1.28 |
| 3 | Low | QPSK | 2.69 | 2.92 |
| | Low | 16QAM | 2.69 | 2.92 |
| | Mid | QPSK | 2.69 | 2.91 |
| | Mid | 16QAM | 2.69 | 2.92 |
| | High | QPSK | 2.69 | 2.91 |
| | High | 16QAM | 2.69 | 2.92 |
| 5 | Low | QPSK | 4.50 | 4.95 |
| | Low | 16QAM | 4.50 | 4.93 |
| | Mid | QPSK | 4.50 | 4.88 |
| | Mid | 16QAM | 4.49 | 4.92 |
| | High | QPSK | 4.49 | 4.92 |
| | High | 16QAM | 4.48 | 4.90 |
| 10 | Low | QPSK | 9.02 | 9.75 |
| | Low | 16QAM | 9.00 | 9.68 |
| | Mid | QPSK | 8.98 | 9.75 |
| | Mid | 16QAM | 8.98 | 9.73 |
| | High | QPSK | 9.00 | 10.12 |
| | High | 16QAM | 9.00 | 9.76 |
| 15 | Low | QPSK | 13.49 | 14.55 |
| | Low | 16QAM | 13.47 | 14.65 |
| | Mid | QPSK | 13.48 | 14.56 |
| | Mid | 16QAM | 13.40 | 14.62 |
| | High | QPSK | 13.46 | 14.54 |
| | High | 16QAM | 13.50 | 14.49 |



| LTE Band 30 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.49 | 4.91 |
| | Low | 16QAM | 4.50 | 4.91 |
| | Mid | QPSK | 4.50 | 4.95 |
| | Mid | 16QAM | 4.50 | 4.93 |
| | High | QPSK | 4.49 | 4.95 |
| | High | 16QAM | 4.50 | 4.92 |
| 10 | Low | QPSK | 8.97 | 9.71 |
| | Low | 16QAM | 8.96 | 9.70 |
| | Mid | QPSK | 9.00 | 9.68 |
| | Mid | 16QAM | 8.96 | 9.69 |
| | High | QPSK | 8.97 | 9.75 |
| | High | 16QAM | 8.95 | 9.67 |

| LTE Band 40, Block A | | | | |
|----------------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.52 | 5.40 |
| | Low | 16QAM | 4.52 | 5.38 |
| | Mid | QPSK | 4.52 | 5.20 |
| | Mid | 16QAM | 4.52 | 5.18 |
| | High | QPSK | 4.51 | 5.17 |
| | High | 16QAM | 4.52 | 5.11 |
| 10 | Mid | QPSK | 9.01 | 10.22 |
| | Mid | 16QAM | 8.99 | 10.17 |

| LTE Band 40, Block B | | | | |
|----------------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.52 | 5.17 |
| | Low | 16QAM | 4.51 | 5.24 |
| | Mid | QPSK | 4.53 | 5.18 |
| | Mid | 16QAM | 4.52 | 5.44 |
| | High | QPSK | 4.52 | 5.22 |
| | High | 16QAM | 4.52 | 5.15 |
| 10 | Mid | QPSK | 8.98 | 10.19 |
| | Mid | 16QAM | 9.00 | 10.03 |



| LTE Band 41 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.51 | 5.25 |
| | Low | 16QAM | 4.51 | 5.29 |
| | Mid | QPSK | 4.51 | 5.11 |
| | Mid | 16QAM | 4.51 | 5.25 |
| | High | QPSK | 4.49 | 5.13 |
| | High | 16QAM | 4.51 | 5.06 |
| 10 | Low | QPSK | 8.96 | 10.02 |
| | Low | 16QAM | 8.98 | 9.61 |
| | Mid | QPSK | 8.99 | 9.66 |
| | Mid | 16QAM | 8.98 | 9.92 |
| | High | QPSK | 8.96 | 10.39 |
| | High | 16QAM | 8.98 | 10.69 |
| 15 | Low | QPSK | 13.47 | 14.99 |
| | Low | 16QAM | 13.45 | 15.10 |
| | Mid | QPSK | 13.48 | 15.63 |
| | Mid | 16QAM | 13.47 | 14.56 |
| | High | QPSK | 13.48 | 14.99 |
| | High | 16QAM | 13.49 | 14.85 |
| 20 | Low | QPSK | 17.92 | 19.30 |
| | Low | 16QAM | 17.99 | 19.99 |
| | Mid | QPSK | 17.97 | 21.73 |
| | Mid | 16QAM | 17.93 | 20.78 |
| | High | QPSK | 17.94 | 19.21 |
| | High | 16QAM | 17.93 | 20.07 |



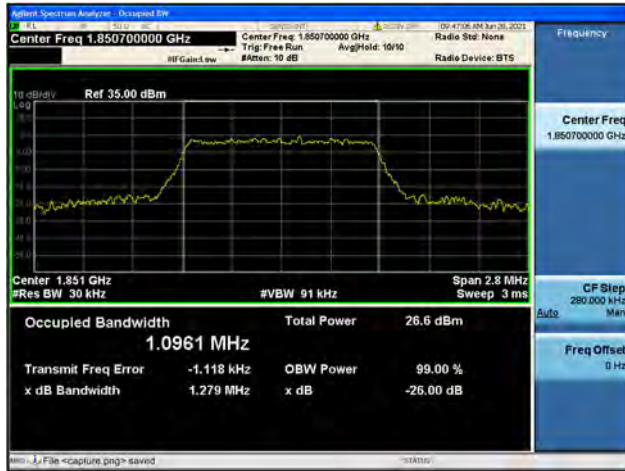
| LTE Band 66 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.28 |
| | Low | 16QAM | 1.09 | 1.28 |
| | Mid | QPSK | 1.09 | 1.27 |
| | Mid | 16QAM | 1.09 | 1.28 |
| | High | QPSK | 1.09 | 1.29 |
| | High | 16QAM | 1.09 | 1.28 |
| 3 | Low | QPSK | 2.70 | 2.92 |
| | Low | 16QAM | 2.70 | 2.93 |
| | Mid | QPSK | 2.70 | 2.94 |
| | Mid | 16QAM | 2.71 | 2.93 |
| | High | QPSK | 2.70 | 2.94 |
| | High | 16QAM | 2.70 | 2.93 |
| 5 | Low | QPSK | 4.52 | 5.17 |
| | Low | 16QAM | 4.52 | 5.18 |
| | Mid | QPSK | 4.52 | 5.20 |
| | Mid | 16QAM | 4.53 | 5.14 |
| | High | QPSK | 4.52 | 5.21 |
| | High | 16QAM | 4.52 | 5.16 |
| 10 | Low | QPSK | 9.02 | 10.01 |
| | Low | 16QAM | 9.00 | 9.99 |
| | Mid | QPSK | 9.01 | 10.54 |
| | Mid | 16QAM | 9.02 | 10.40 |
| | High | QPSK | 9.01 | 10.11 |
| | High | 16QAM | 9.00 | 10.04 |
| 15 | Low | QPSK | 13.50 | 14.95 |
| | Low | 16QAM | 13.48 | 14.93 |
| | Mid | QPSK | 13.48 | 15.05 |
| | Mid | 16QAM | 13.49 | 15.12 |
| | High | QPSK | 13.51 | 15.01 |
| | High | 16QAM | 13.47 | 14.98 |
| 20 | Low | QPSK | 18.00 | 19.84 |
| | Low | 16QAM | 18.01 | 19.82 |
| | Mid | QPSK | 18.00 | 19.91 |
| | Mid | 16QAM | 17.99 | 19.86 |
| | High | QPSK | 18.01 | 19.91 |
| | High | 16QAM | 18.00 | 19.76 |



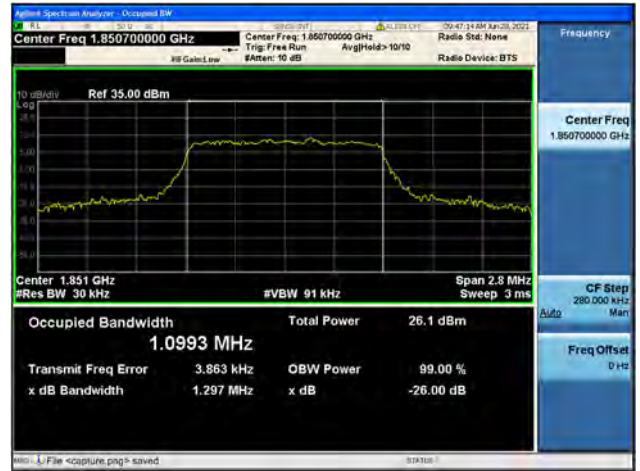
| LTE Band 77 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.52 | 5.16 |
| | Low | 16QAM | 4.51 | 5.14 |
| | Mid | QPSK | 4.52 | 5.20 |
| | Mid | 16QAM | 4.52 | 5.20 |
| | High | QPSK | 4.52 | 5.13 |
| | High | 16QAM | 4.52 | 5.25 |
| 10 | Low | QPSK | 8.97 | 9.92 |
| | Low | 16QAM | 8.98 | 10.06 |
| | Mid | QPSK | 9.05 | 10.13 |
| | Mid | 16QAM | 9.02 | 10.07 |
| | High | QPSK | 9.01 | 10.09 |
| | High | 16QAM | 9.02 | 10.08 |
| 15 | Low | QPSK | 13.46 | 14.95 |
| | Low | 16QAM | 13.48 | 14.87 |
| | Mid | QPSK | 13.54 | 15.05 |
| | Mid | 16QAM | 13.55 | 15.01 |
| | High | QPSK | 13.43 | 14.86 |
| | High | 16QAM | 13.49 | 14.90 |
| 20 | Low | QPSK | 17.91 | 19.55 |
| | Low | 16QAM | 17.92 | 19.63 |
| | Mid | QPSK | 17.98 | 19.65 |
| | Mid | 16QAM | 17.98 | 19.66 |
| | High | QPSK | 17.95 | 19.65 |
| | High | 16QAM | 17.94 | 19.53 |



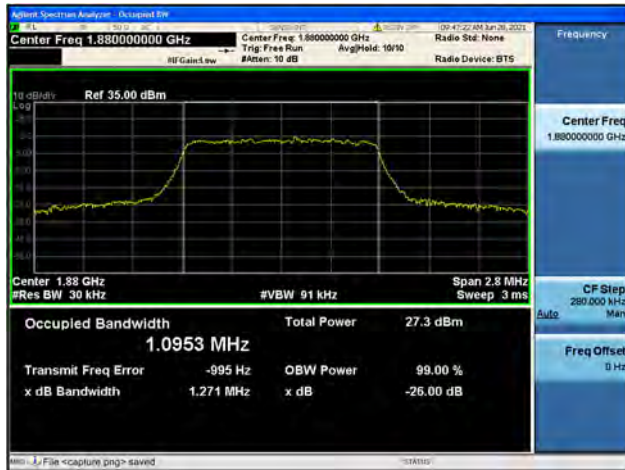
Band2 / 1.4MHz / Low CH / QPSK



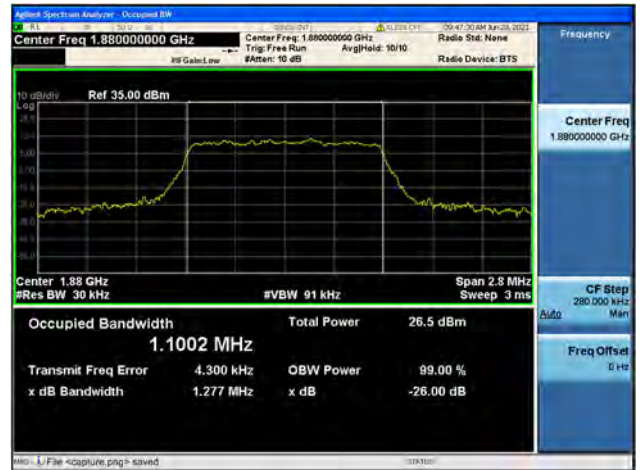
Band2 / 1.4MHz / Low CH / 16QAM



Band2 / 1.4MHz / Mid CH / QPSK



Band2 / 1.4MHz / Mid CH / 16QAM



Band2 / 1.4MHz / High CH / QPSK

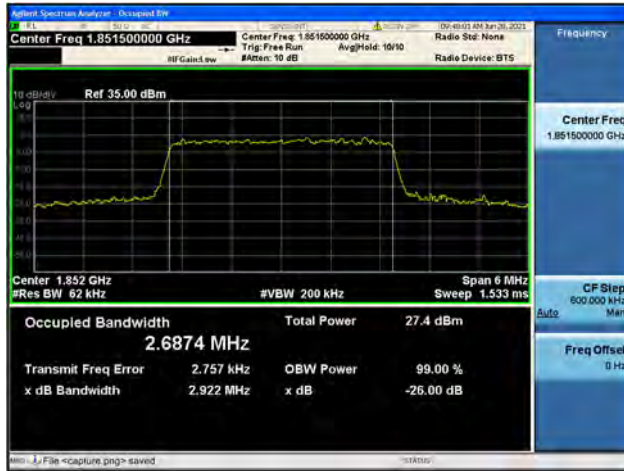


Band2 / 1.4MHz / High CH / 16QAM





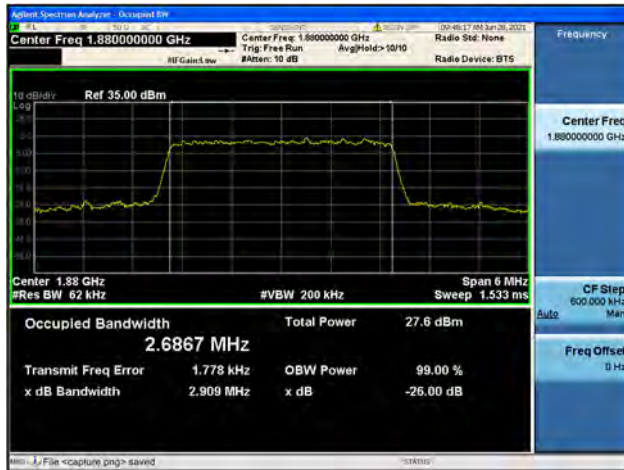
Band2 / 3MHz / Low CH / QPSK



Band2 / 3MHz / Low CH / 16QAM



Band2 / 3MHz / Mid CH / QPSK



Band2 / 3MHz / Mid CH / 16QAM



Band2 / 3MHz / High CH / QPSK

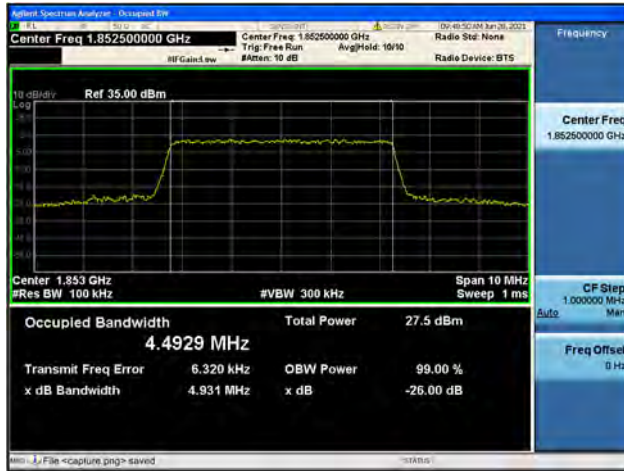


Band2 / 3MHz / High CH / 16QAM

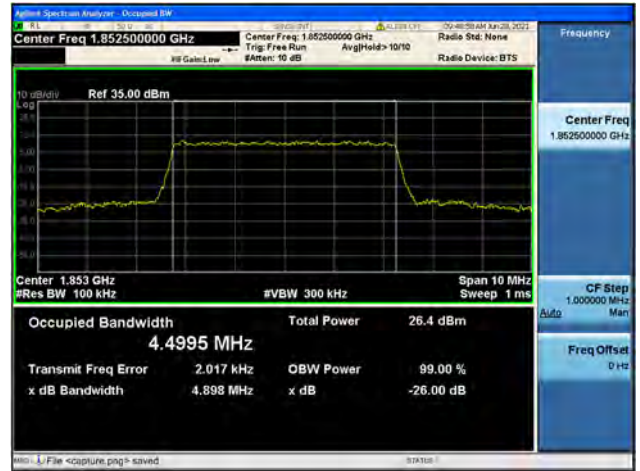




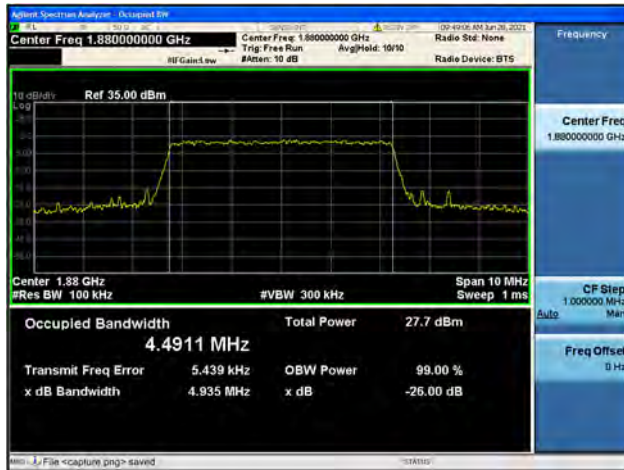
Band2 / 5MHz / Low CH / QPSK



Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM



Band2 / 5MHz / High CH / QPSK



Band2 / 5MHz / High CH / 16QAM





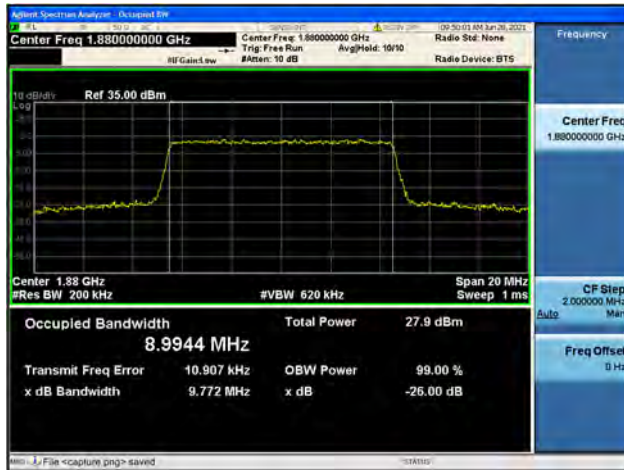
Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM



Band2 / 10MHz / Mid CH / QPSK



Band2 / 10MHz / Mid CH / 16QAM



Band2 / 10MHz / High CH / QPSK

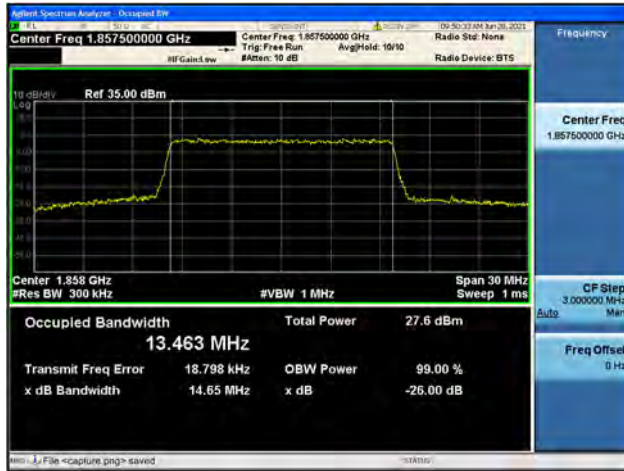


Band2 / 10MHz / High CH / 16QAM

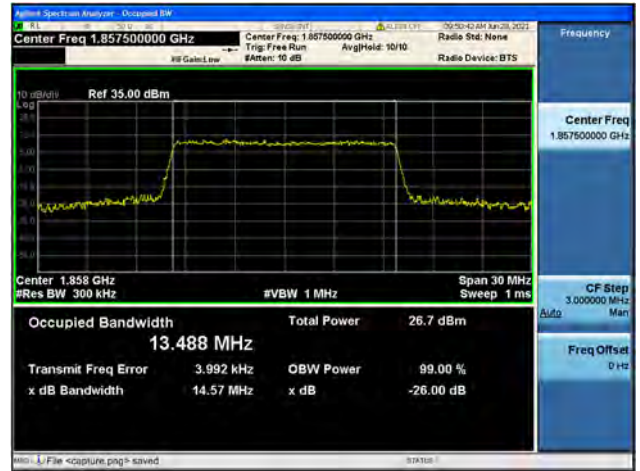




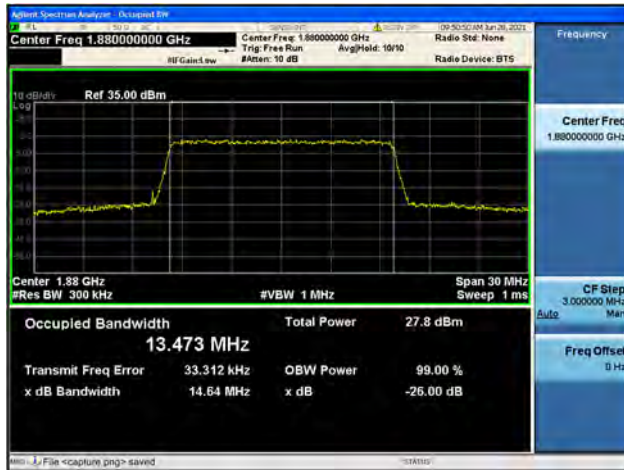
Band2 / 15MHz / Low CH / QPSK



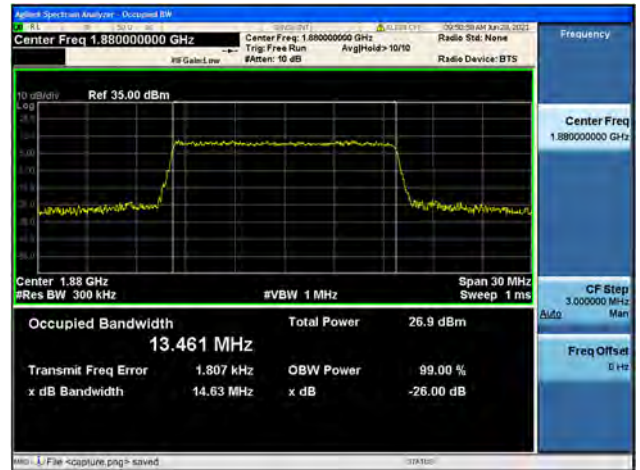
Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM



Band2 / 15MHz / High CH / QPSK

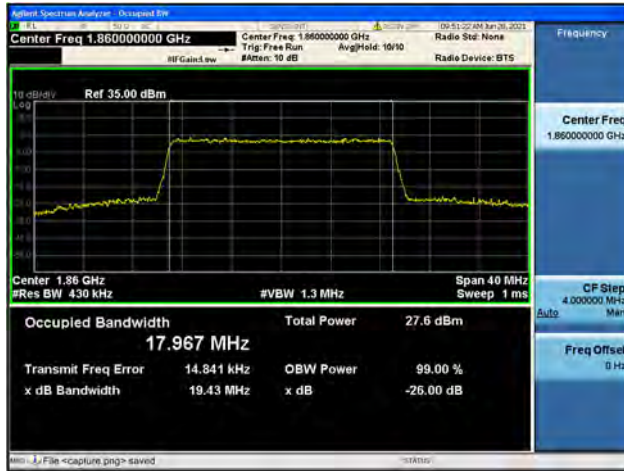


Band2 / 15MHz / High CH / 16QAM

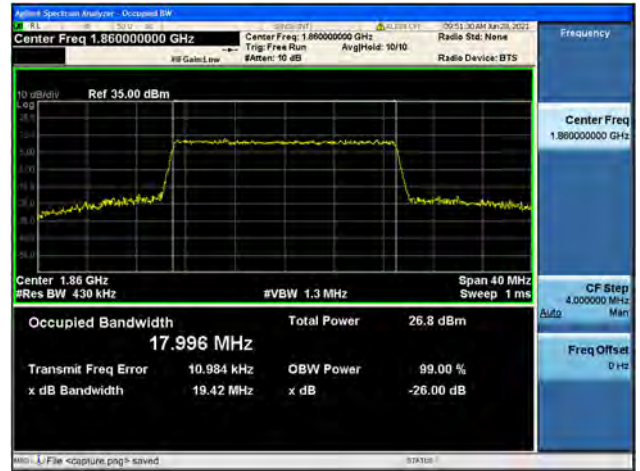




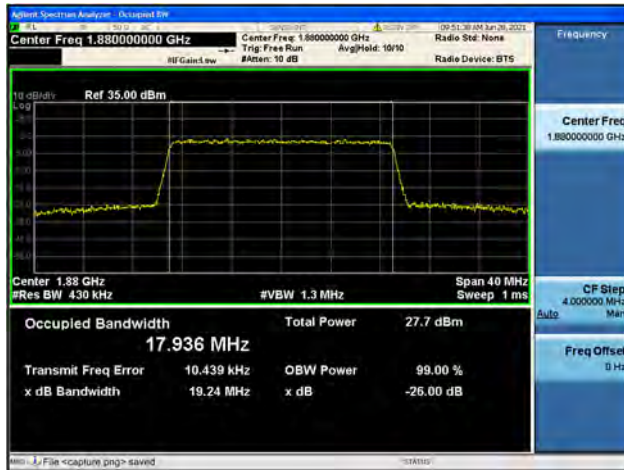
Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM



Band2 / 20MHz / Mid CH / QPSK



Band2 / 20MHz / Mid CH / 16QAM

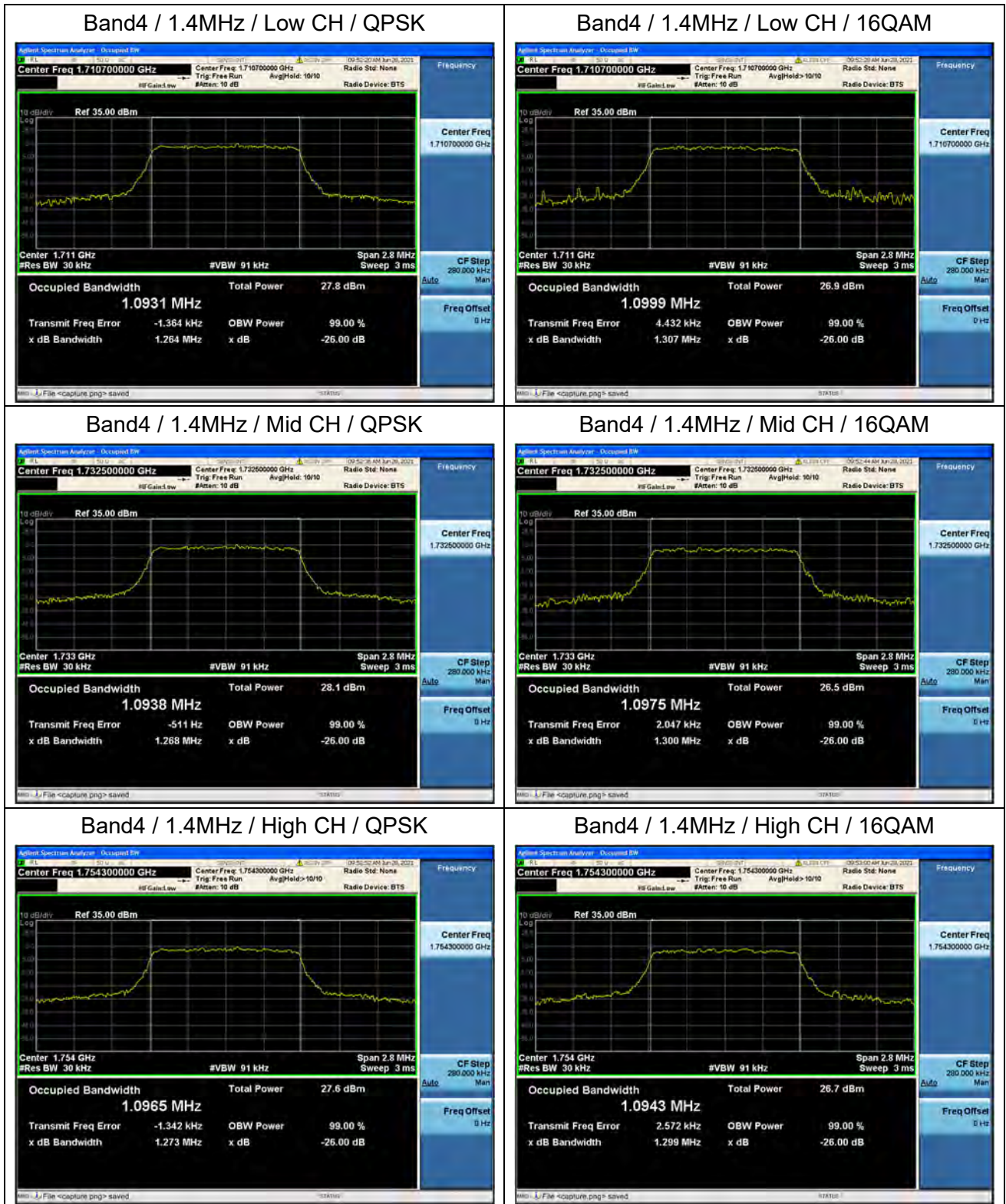


Band2 / 20MHz / High CH / QPSK



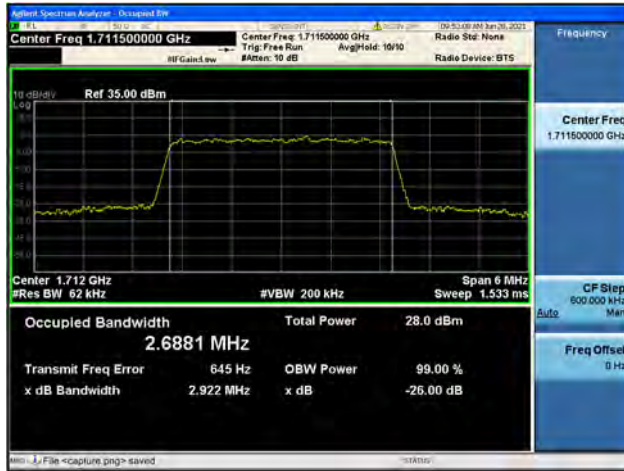
Band2 / 20MHz / High CH / 16QAM







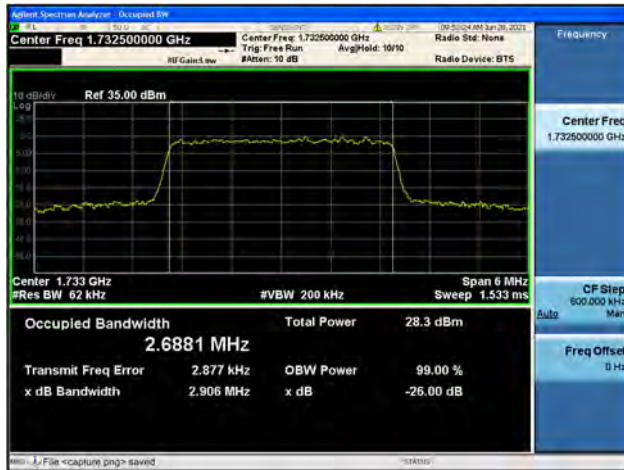
Band4 / 3MHz / Low CH / QPSK



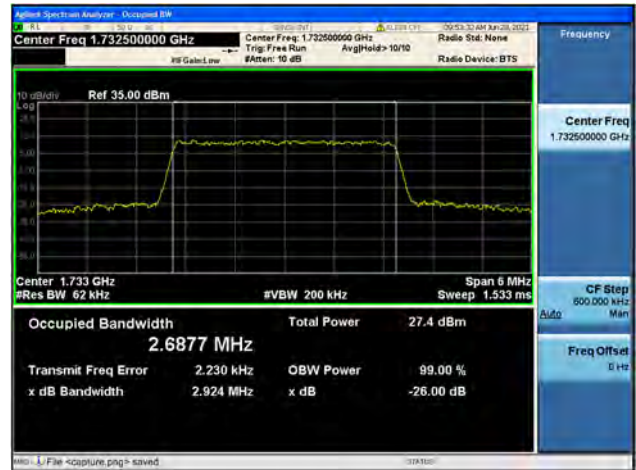
Band4 / 3MHz / Low CH / 16QAM



Band4 / 3MHz / Mid CH / QPSK



Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / High CH / QPSK

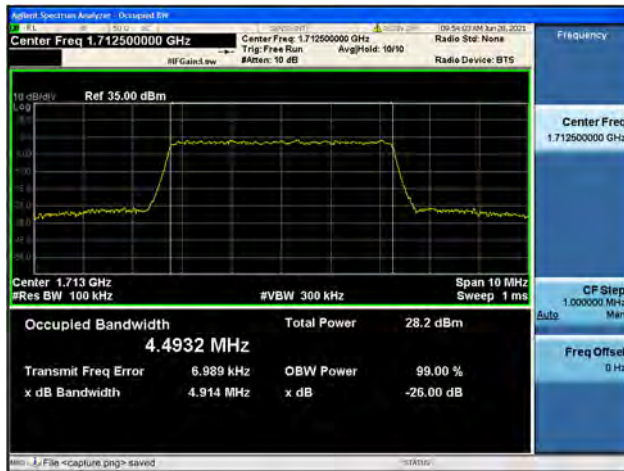


Band4 / 3MHz / High CH / 16QAM





Band4 / 5MHz / Low CH / QPSK



Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM



Band4 / 5MHz / High CH / QPSK



Band4 / 5MHz / High CH / 16QAM

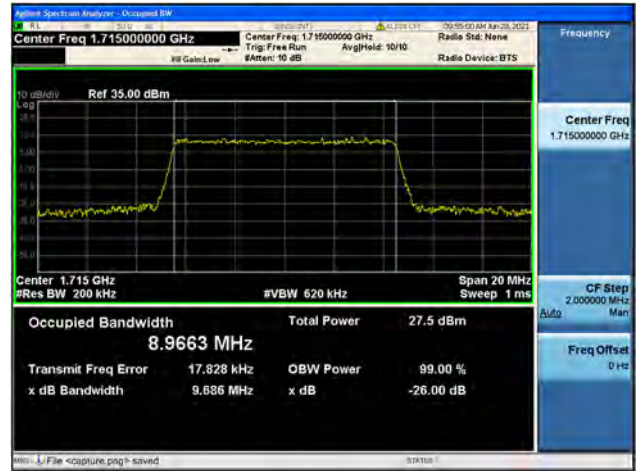




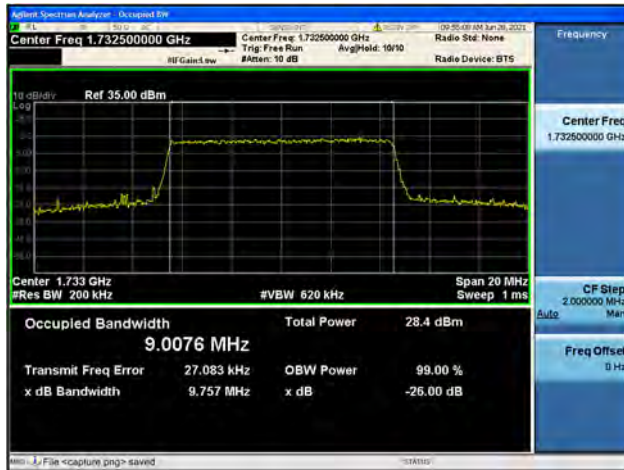
Band4 / 10MHz / Low CH / QPSK



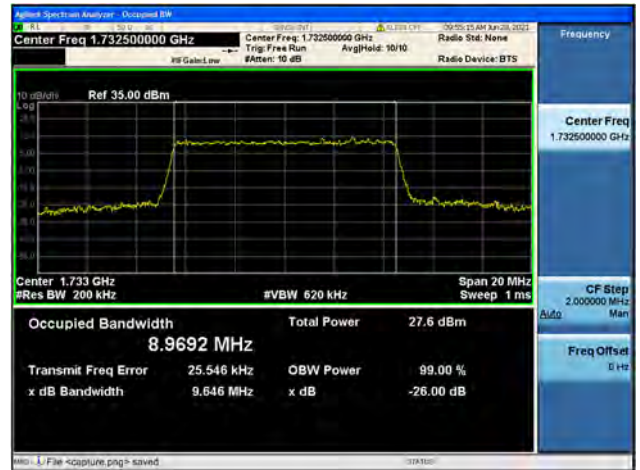
Band4 / 10MHz / Low CH / 16QAM



Band4 / 10MHz / Mid CH / QPSK



Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / High CH / QPSK

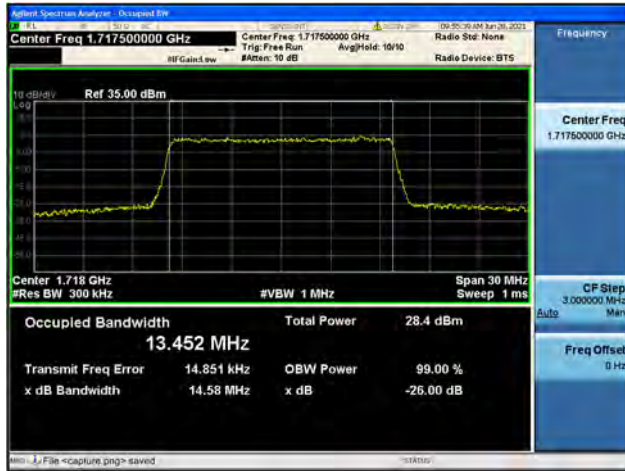


Band4 / 10MHz / High CH / 16QAM

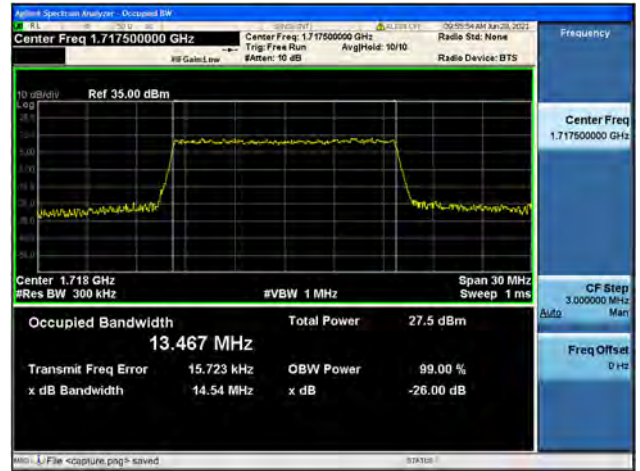




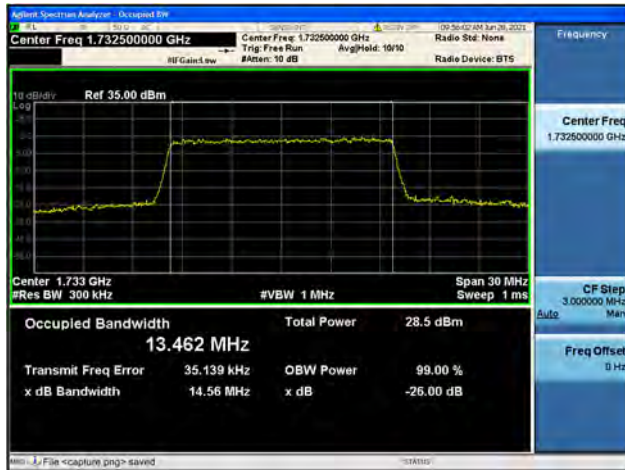
Band4 / 15MHz / Low CH / QPSK



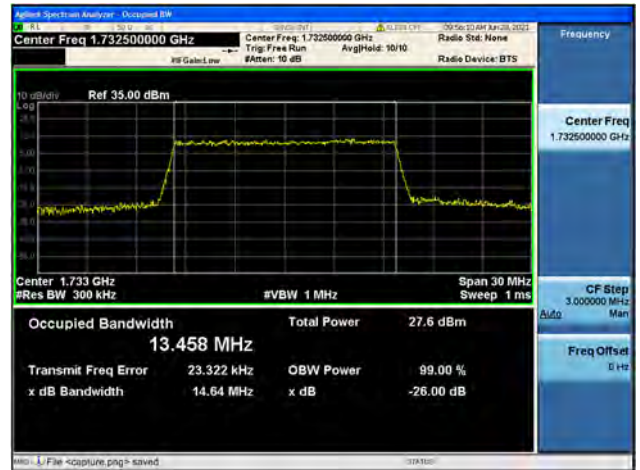
Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM



Band4 / 15MHz / High CH / QPSK

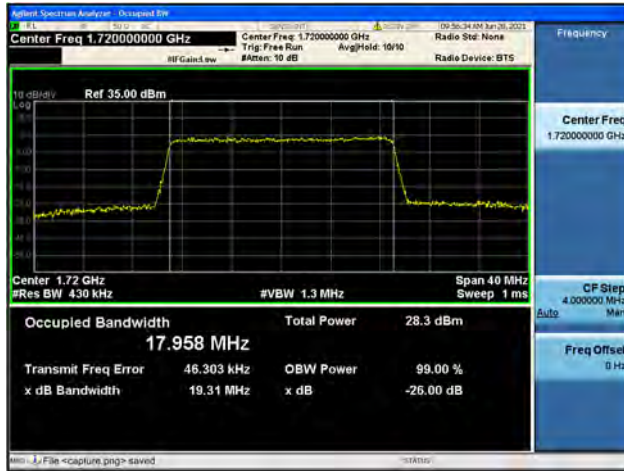


Band4 / 15MHz / High CH / 16QAM

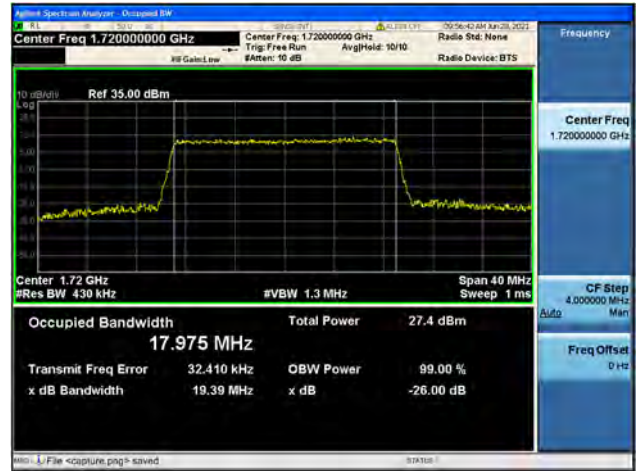




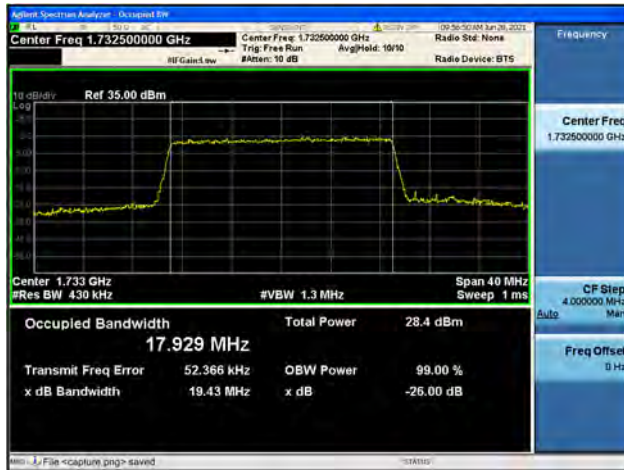
Band4 / 20MHz / Low CH / QPSK



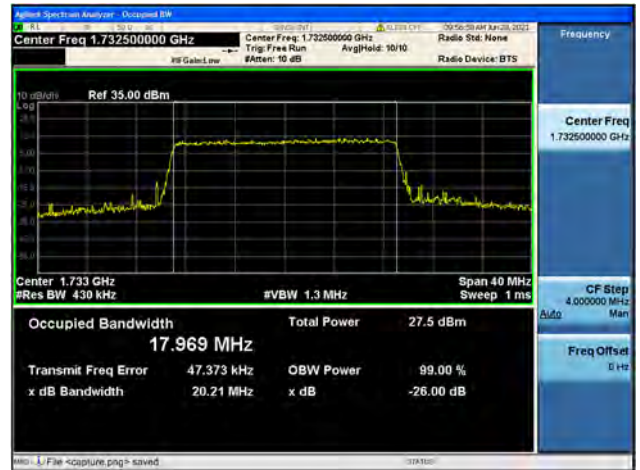
Band4 / 20MHz / Low CH / 16QAM



Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM

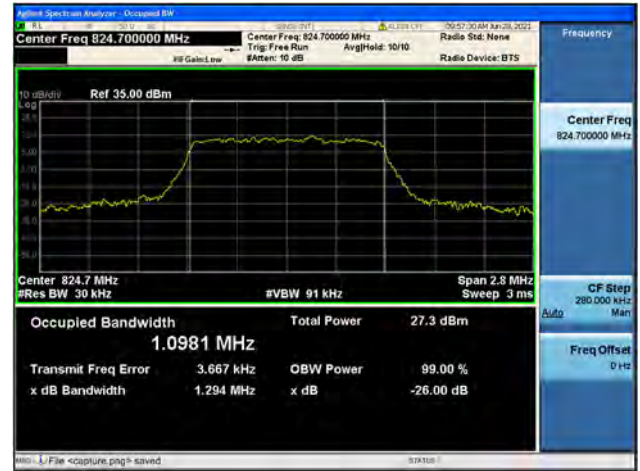




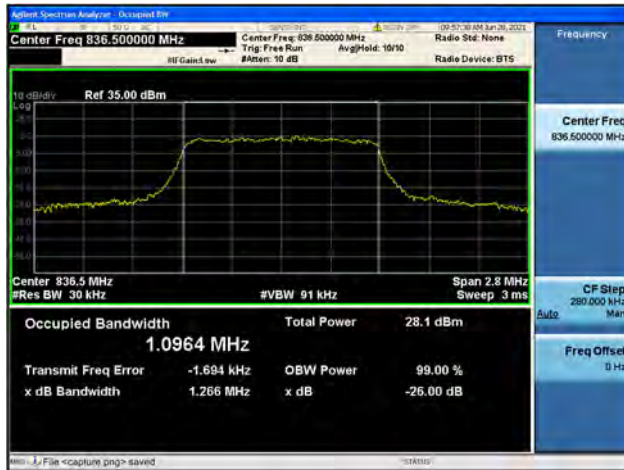
Band5 / 1.4MHz / Low CH / QPSK



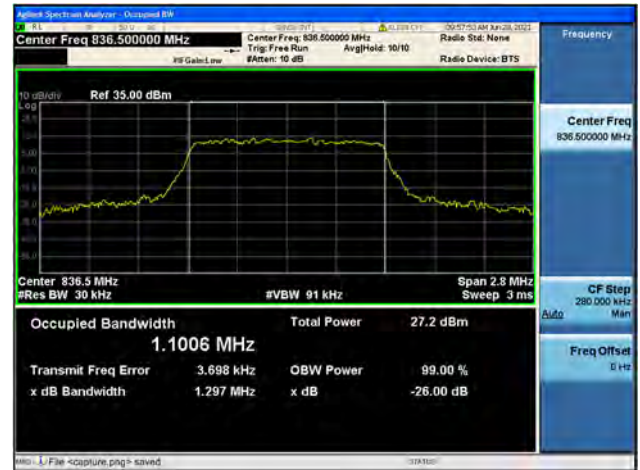
Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Mid CH / QPSK



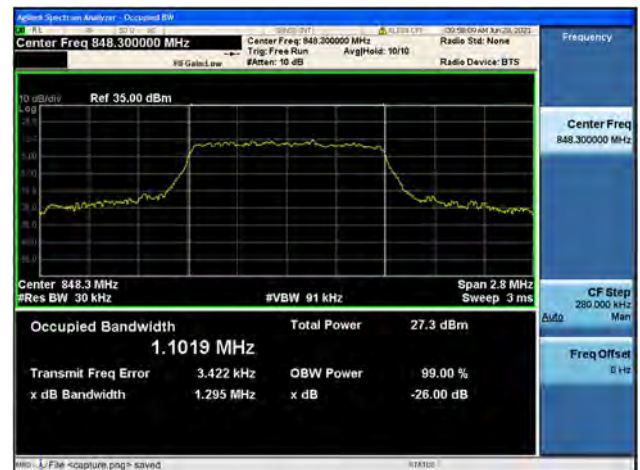
Band5 / 1.4MHz / Mid CH / 16QAM



Band5 / 1.4MHz / High CH / QPSK

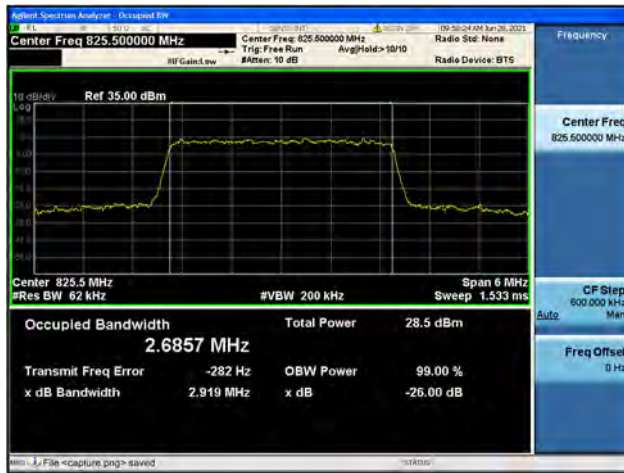


Band5 / 1.4MHz / High CH / 16QAM





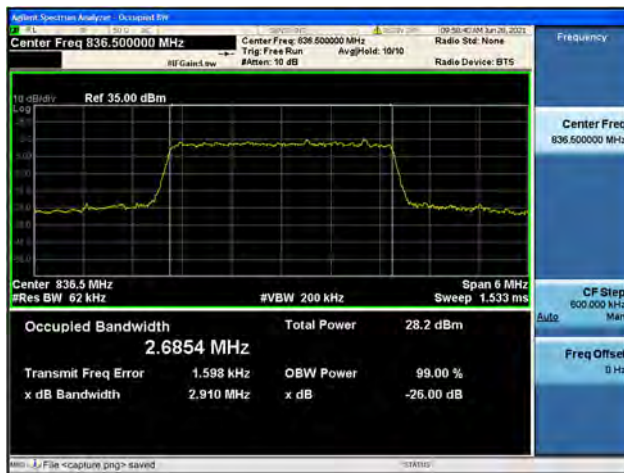
Band5 / 3MHz / Low CH / QPSK



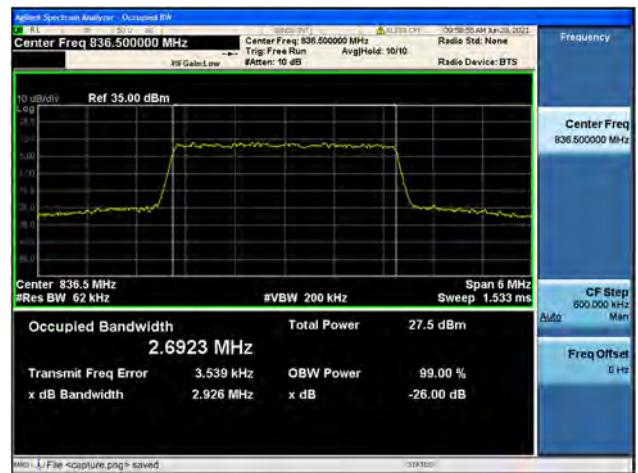
Band5 / 3MHz / Low CH / 16QAM



Band5 / 3MHz / Mid CH / QPSK



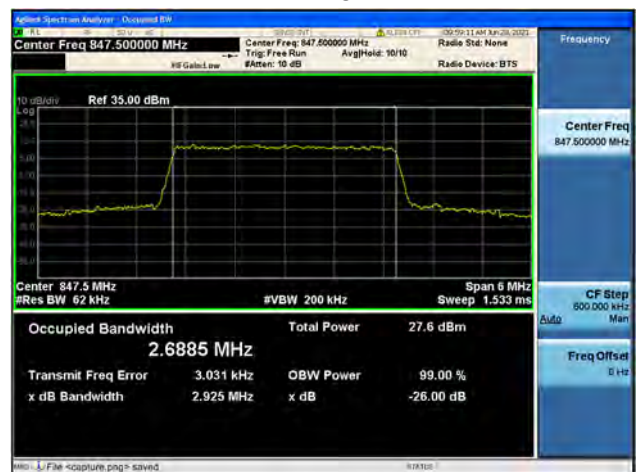
Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM





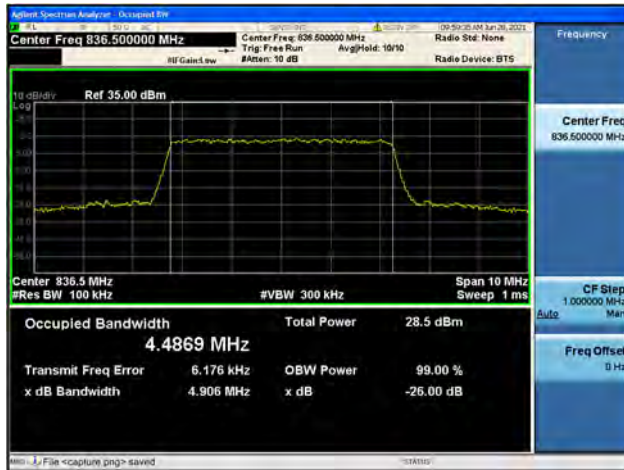
Band5 / 5MHz / Low CH / QPSK



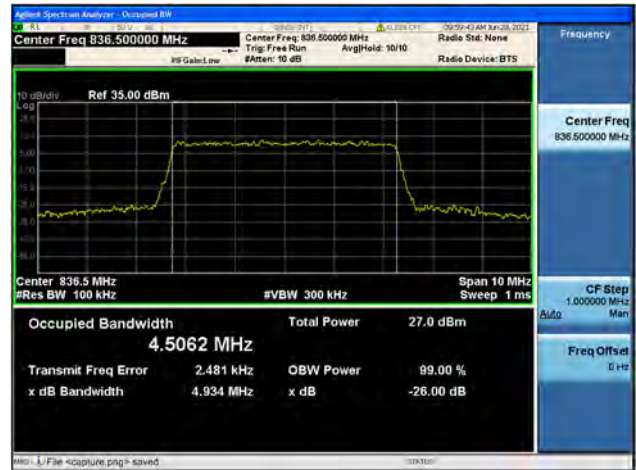
Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM



Band5 / 5MHz / High CH / QPSK

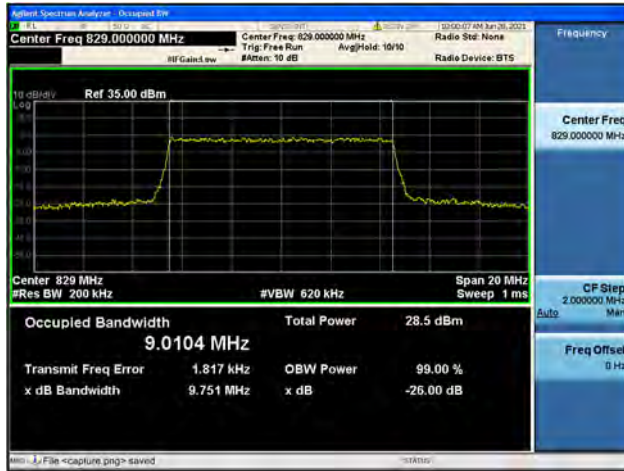


Band5 / 5MHz / High CH / 16QAM

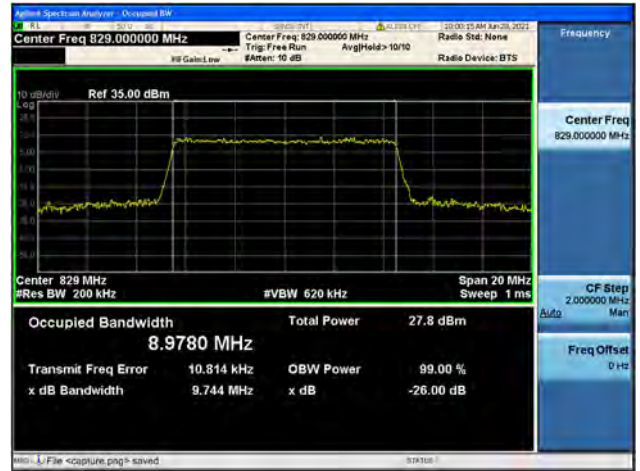




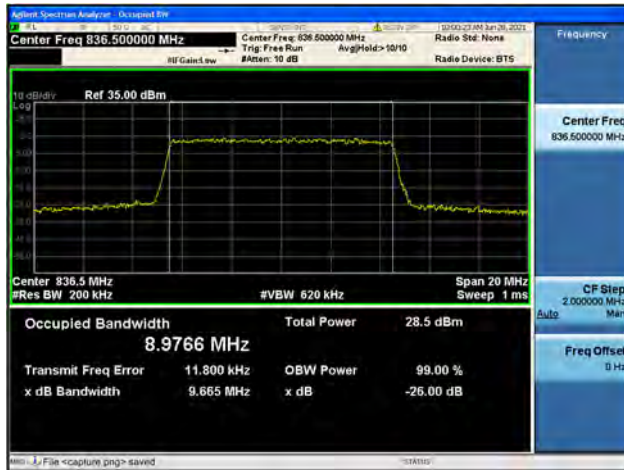
Band5 / 10MHz / Low CH / QPSK



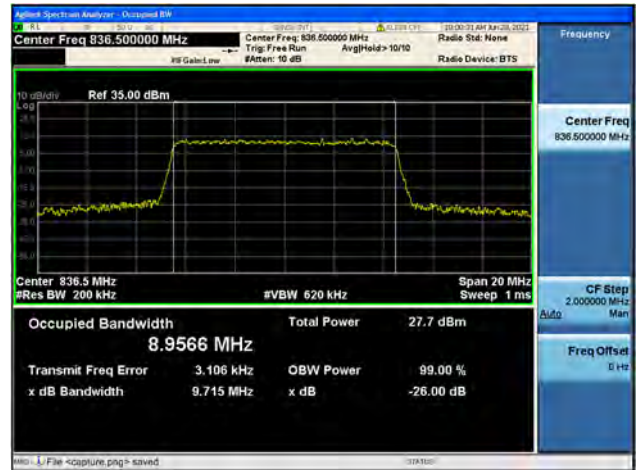
Band5 / 10MHz / Low CH / 16QAM



Band5 / 10MHz / Mid CH / QPSK



Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / High CH / QPSK

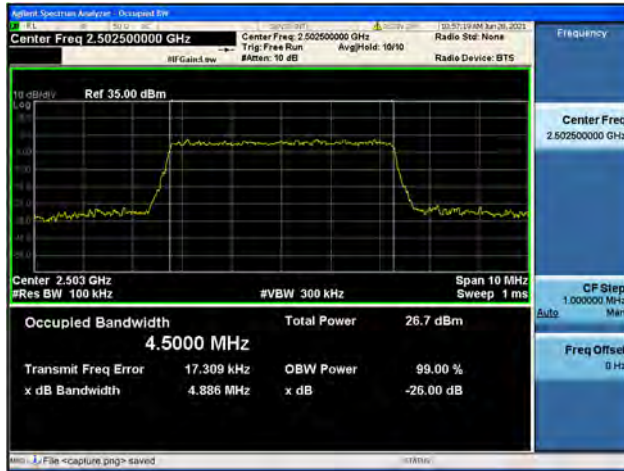


Band5 / 10MHz / High CH / 16QAM

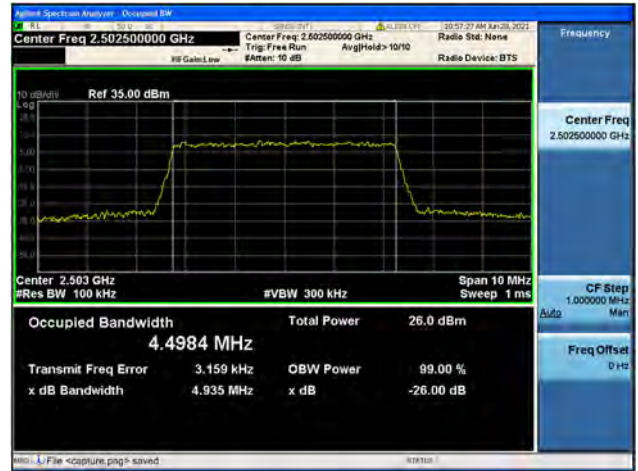




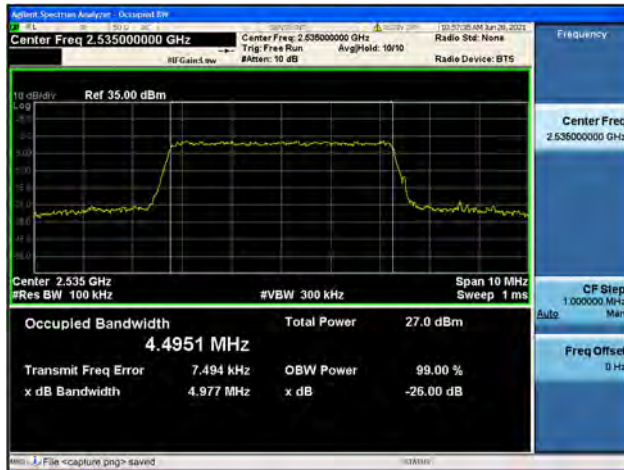
Band7 / 5MHz / Low CH / QPSK



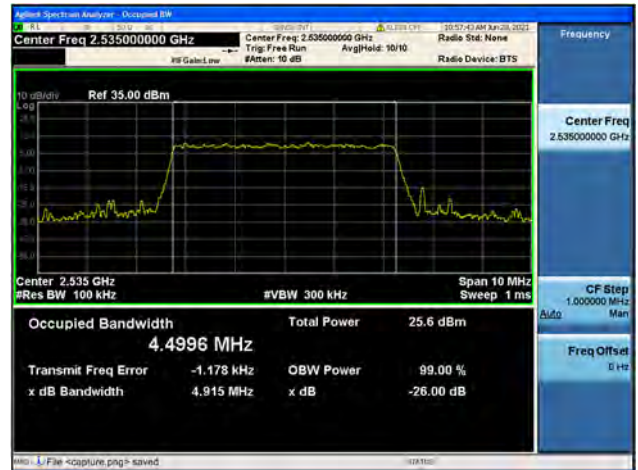
Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM



Band7 / 5MHz / High CH / QPSK



Band7 / 5MHz / High CH / 16QAM

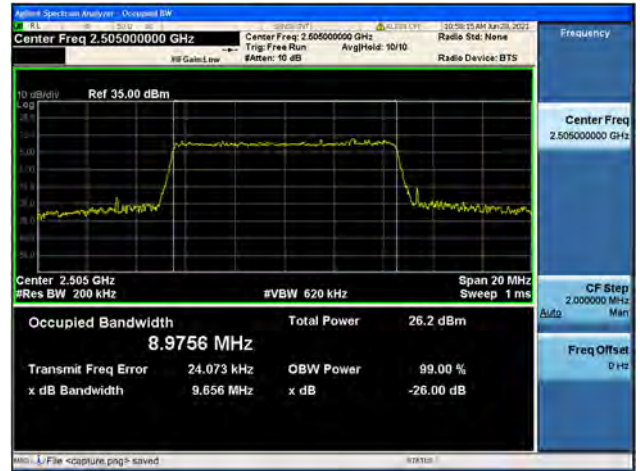




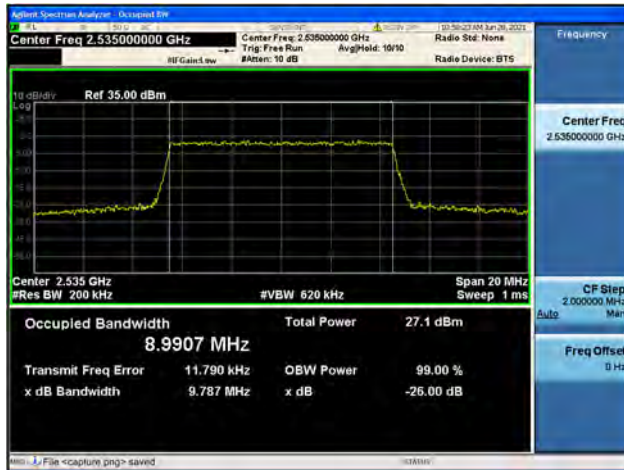
Band7 / 10MHz / Low CH / QPSK



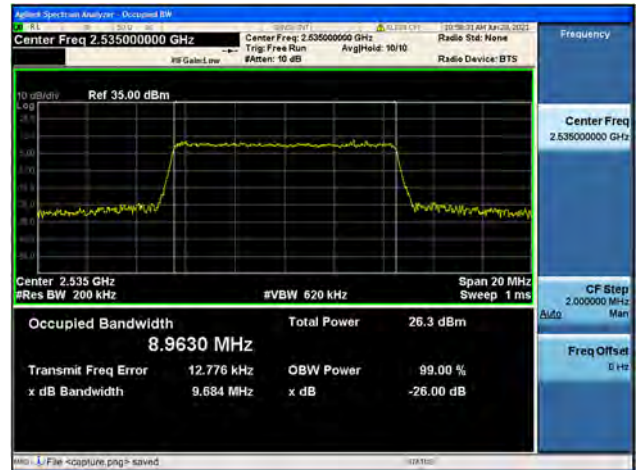
Band7 / 10MHz / Low CH / 16QAM



Band7 / 10MHz / Mid CH / QPSK



Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / High CH / QPSK



Band7 / 10MHz / High CH / 16QAM





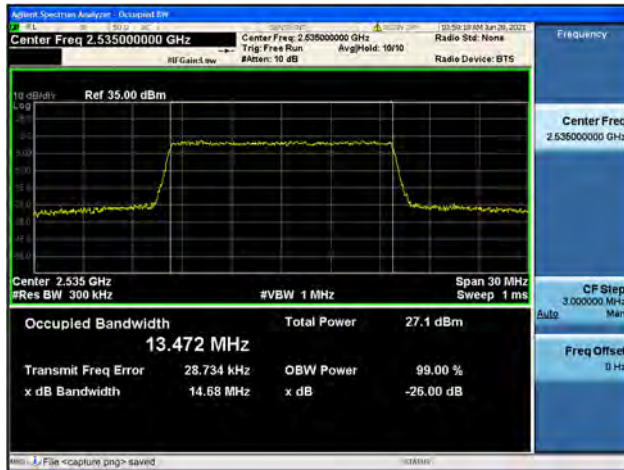
Band7 / 15MHz / Low CH / QPSK



Band7 / 15MHz / Low CH / 16QAM



Band7 / 15MHz / Mid CH / QPSK



Band7 / 15MHz / Mid CH / 16QAM



Band7 / 15MHz / High CH / QPSK

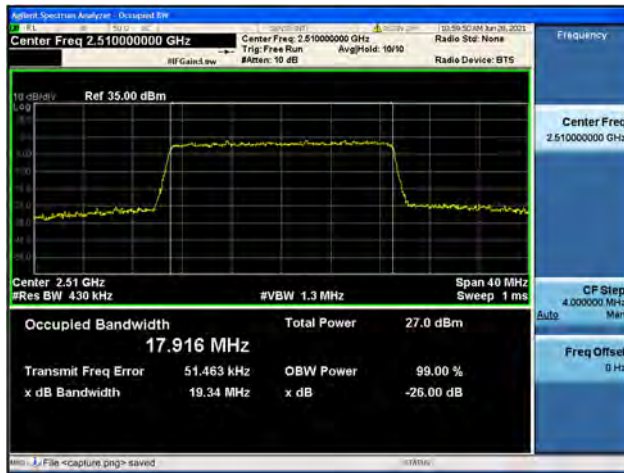


Band7 / 15MHz / High CH / 16QAM

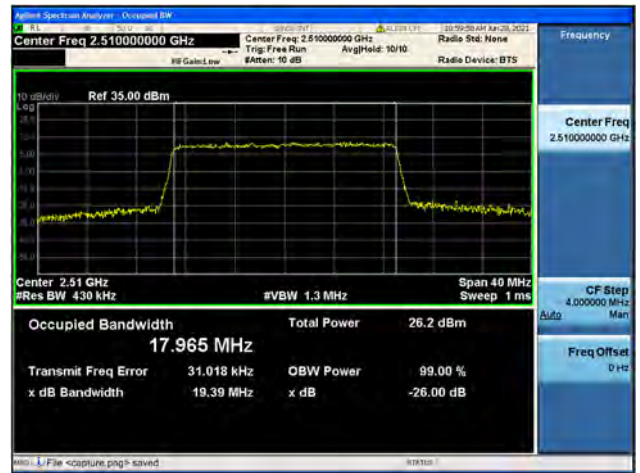




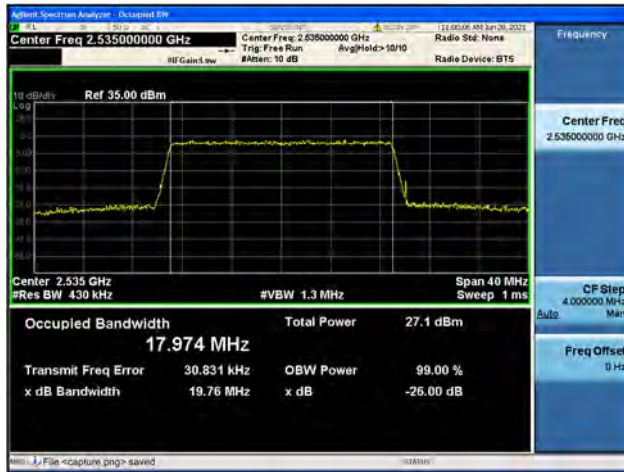
Band7 / 20MHz / Low CH / QPSK



Band7 / 20MHz / Low CH / 16QAM



Band7 / 20MHz / Mid CH / QPSK



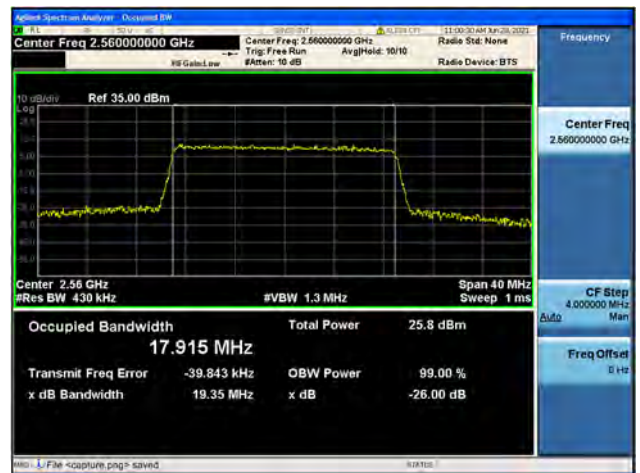
Band7 / 20MHz / Mid CH / 16QAM



Band7 / 20MHz / High CH / QPSK



Band7 / 20MHz / High CH / 16QAM

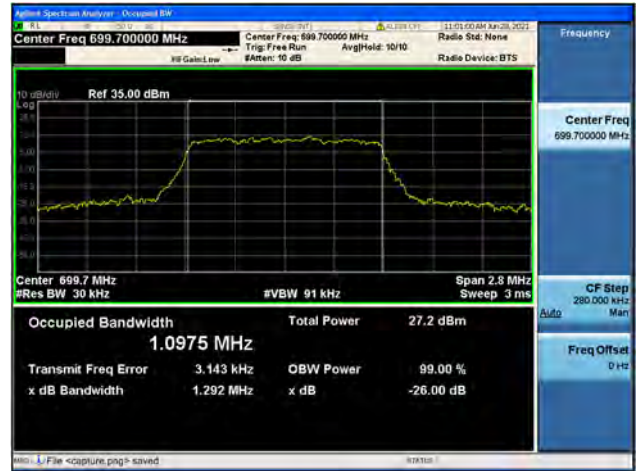




Band12 / 1.4MHz / Low CH / QPSK



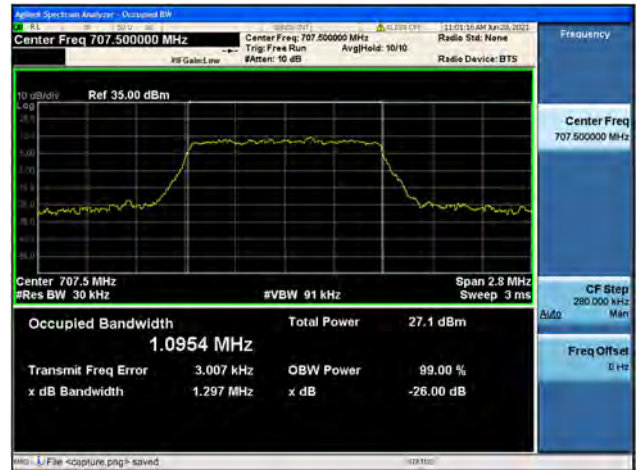
Band12 / 1.4MHz / Low CH / 16QAM



Band12 / 1.4MHz / Mid CH / QPSK



Band12 / 1.4MHz / Mid CH / 16QAM



Band12 / 1.4MHz / High CH / QPSK

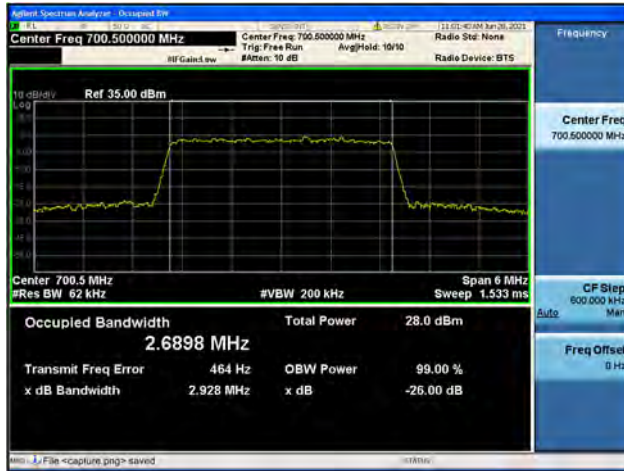


Band12 / 1.4MHz / High CH / 16QAM

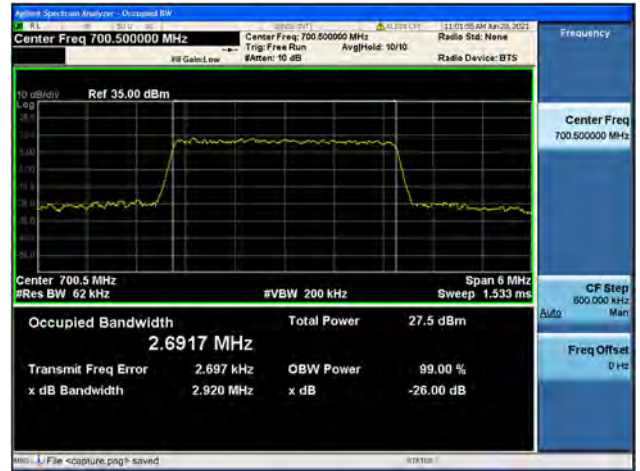




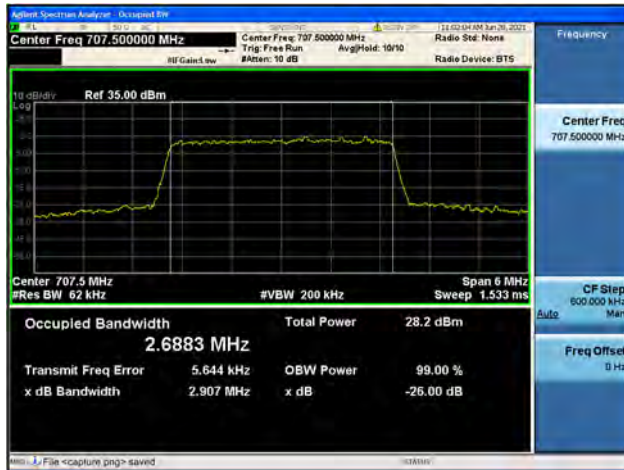
Band12 / 3MHz / Low CH / QPSK



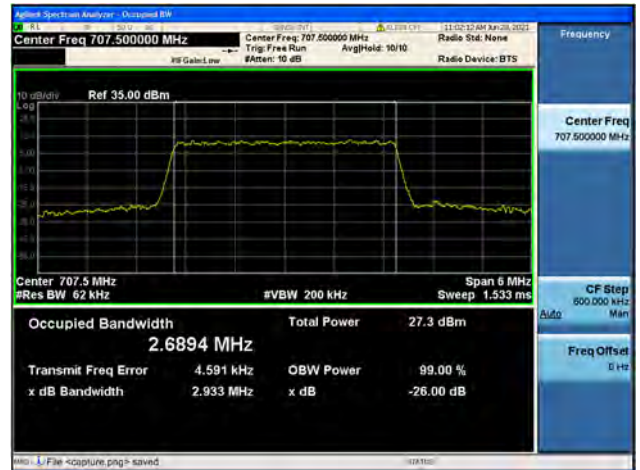
Band12 / 3MHz / Low CH / 16QAM



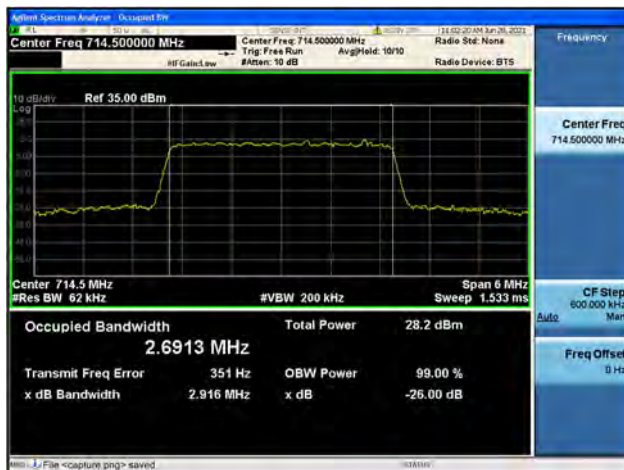
Band12 / 3MHz / Mid CH / QPSK



Band12 / 3MHz / Mid CH / 16QAM



Band12 / 3MHz / High CH / QPSK

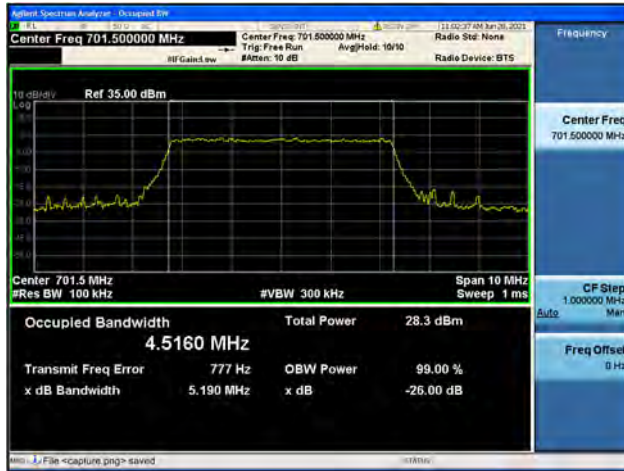


Band12 / 3MHz / High CH / 16QAM

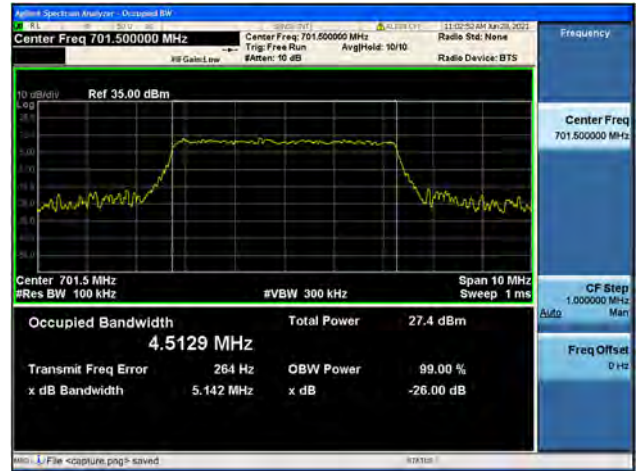




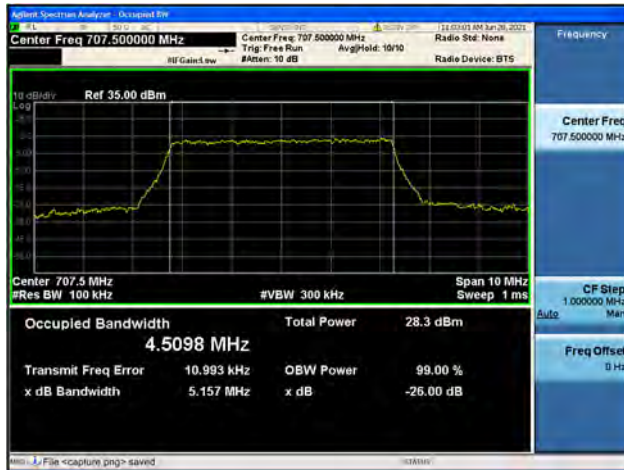
Band12 / 5MHz / Low CH / QPSK



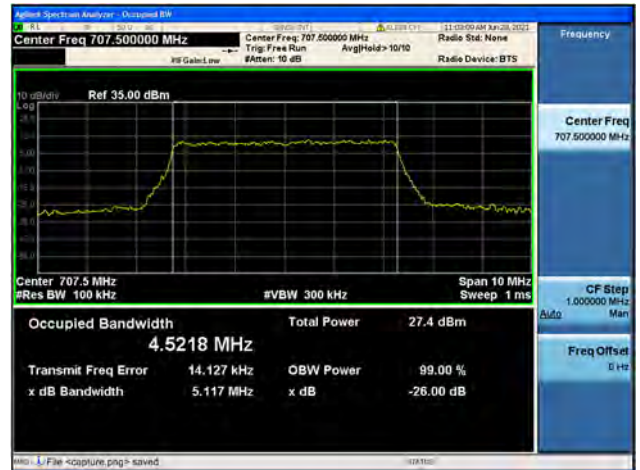
Band12 / 5MHz / Low CH / 16QAM



Band12 / 5MHz / Mid CH / QPSK



Band12 / 5MHz / Mid CH / 16QAM



Band12 / 5MHz / High CH / QPSK

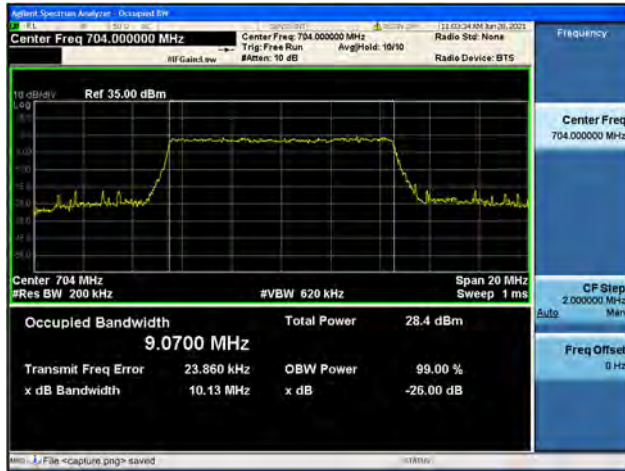


Band12 / 5MHz / High CH / 16QAM





Band12 / 10MHz / Low CH / QPSK



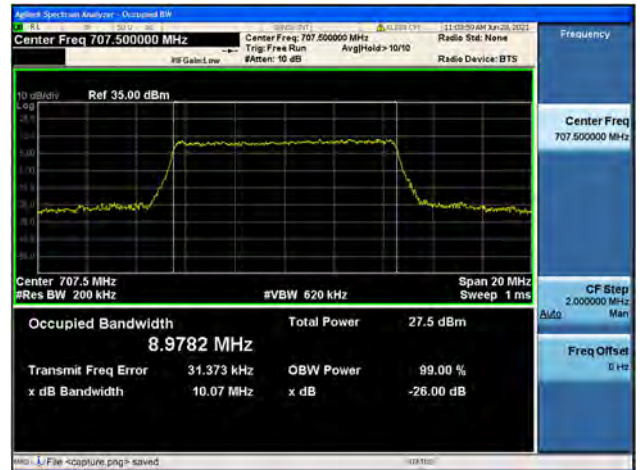
Band12 / 10MHz / Low CH / 16QAM



Band12 / 10MHz / Mid CH / QPSK



Band12 / 10MHz / Mid CH / 16QAM



Band12 / 10MHz / High CH / QPSK



Band12 / 10MHz / High CH / 16QAM





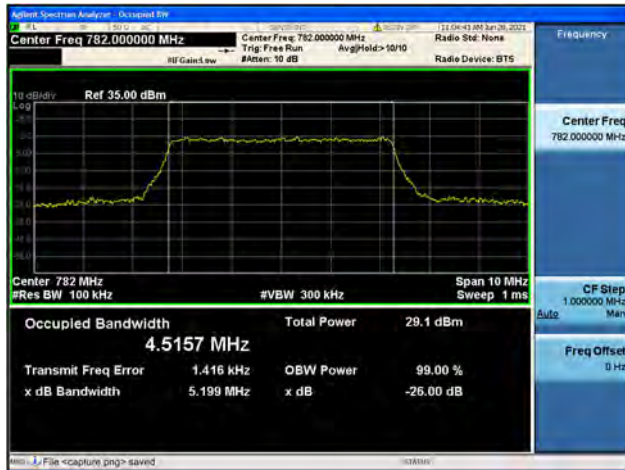
Band13 / 5MHz / Low CH / QPSK



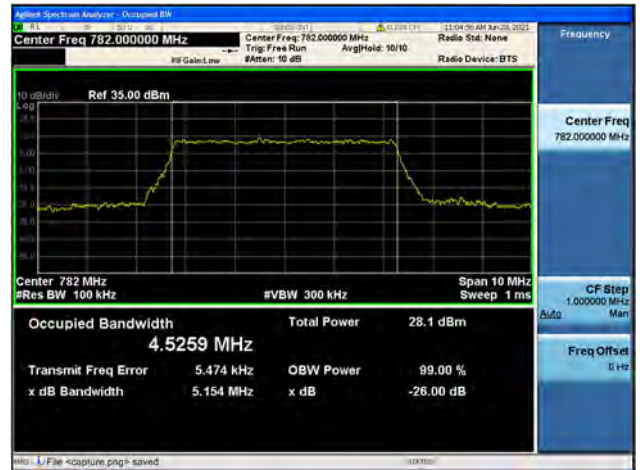
Band13 / 5MHz / Low CH / 16QAM



Band13 / 5MHz / Mid CH / QPSK



Band13 / 5MHz / Mid CH / 16QAM



Band13 / 5MHz / High CH / QPSK

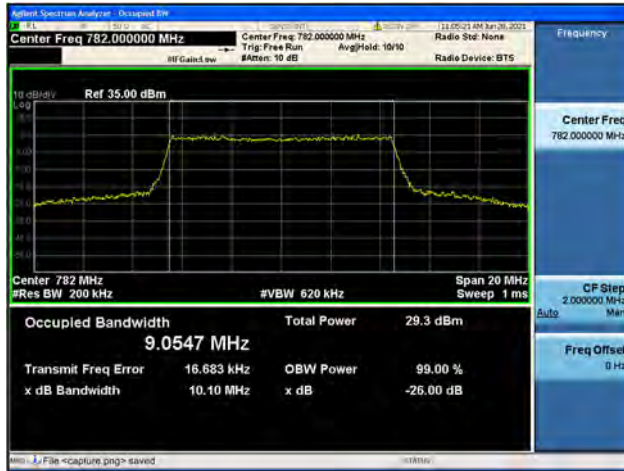


Band13 / 5MHz / High CH / 16QAM

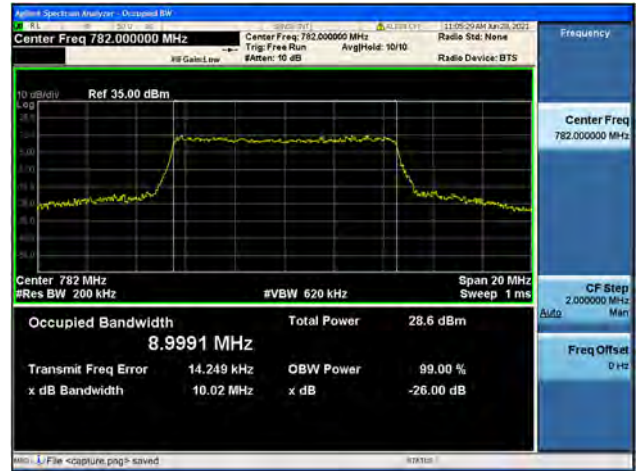




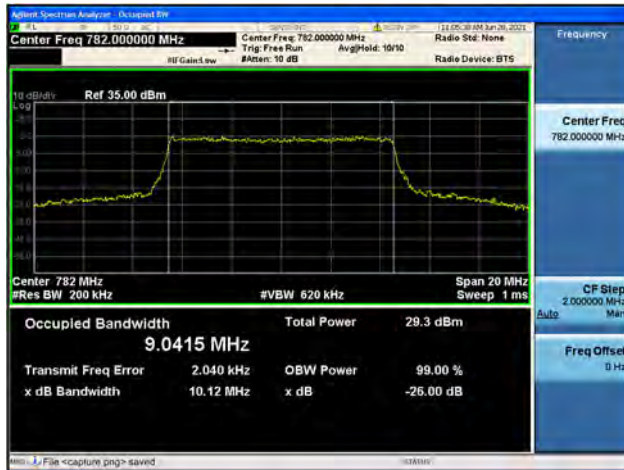
Band13 / 10MHz / Low CH / QPSK



Band13 / 10MHz / Low CH / 16QAM



Band13 / 10MHz / Mid CH / QPSK



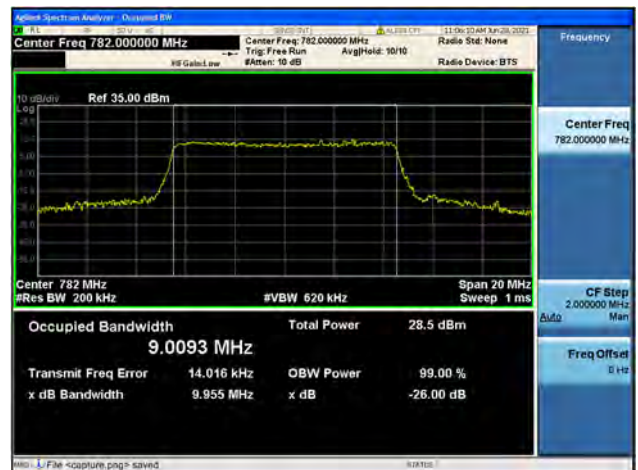
Band13 / 10MHz / Mid CH / 16QAM



Band13 / 10MHz / High CH / QPSK



Band13 / 10MHz / High CH / 16QAM

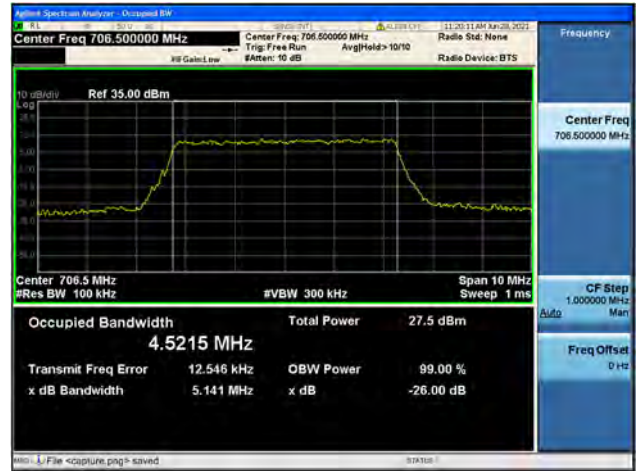




Band17 / 5MHz / Low CH / QPSK



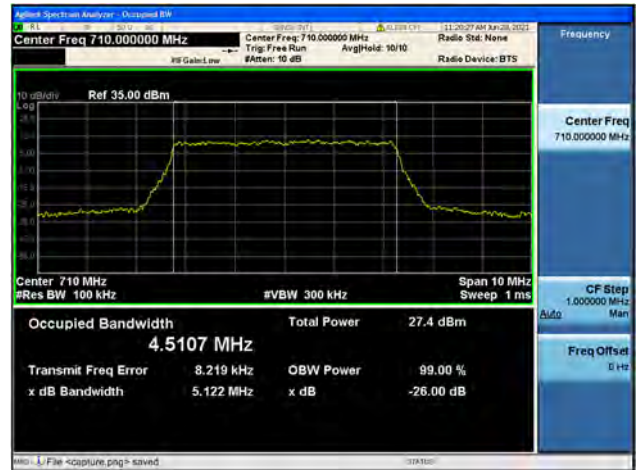
Band17 / 5MHz / Low CH / 16QAM



Band17 / 5MHz / Mid CH / QPSK



Band17 / 5MHz / Mid CH / 16QAM



Band17 / 5MHz / High CH / QPSK

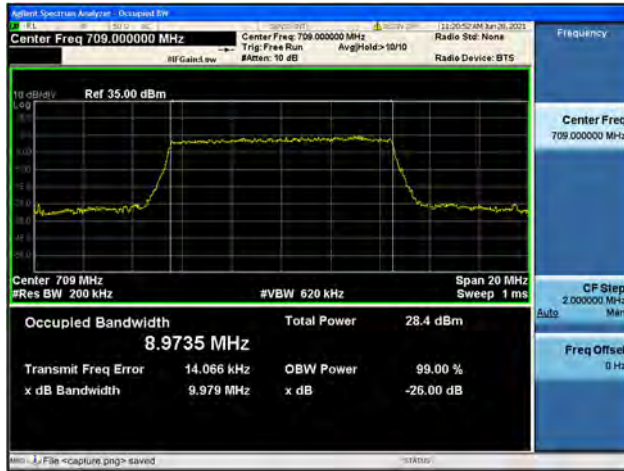


Band17 / 5MHz / High CH / 16QAM

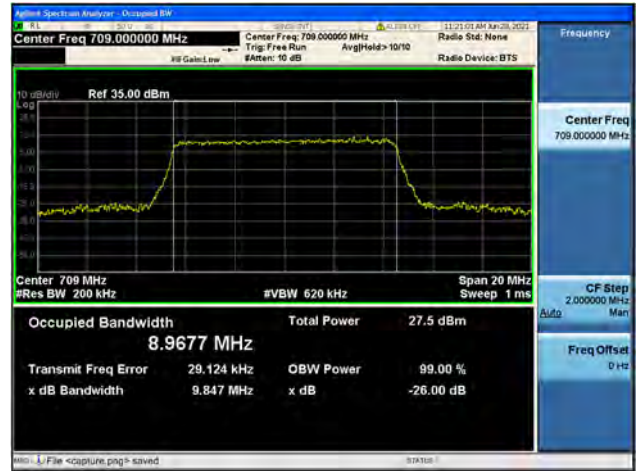




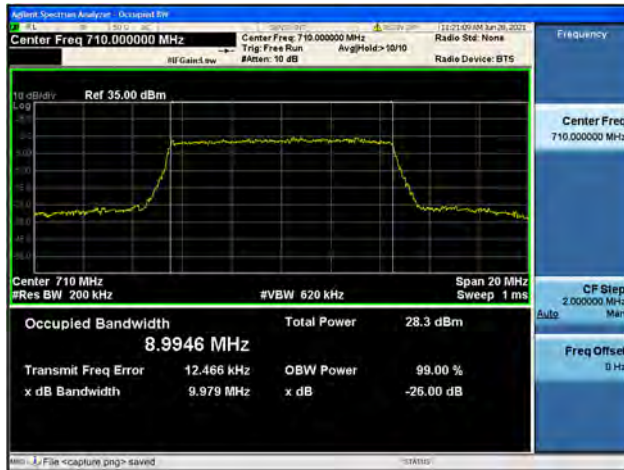
Band17 / 10MHz / Low CH / QPSK



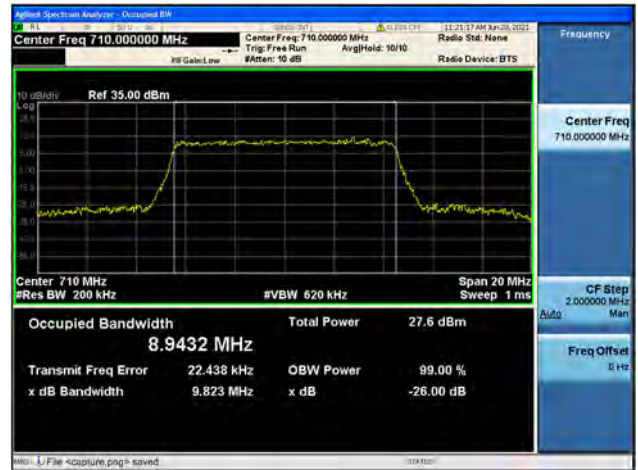
Band17 / 10MHz / Low CH / 16QAM



Band17 / 10MHz / Mid CH / QPSK



Band17 / 10MHz / Mid CH / 16QAM

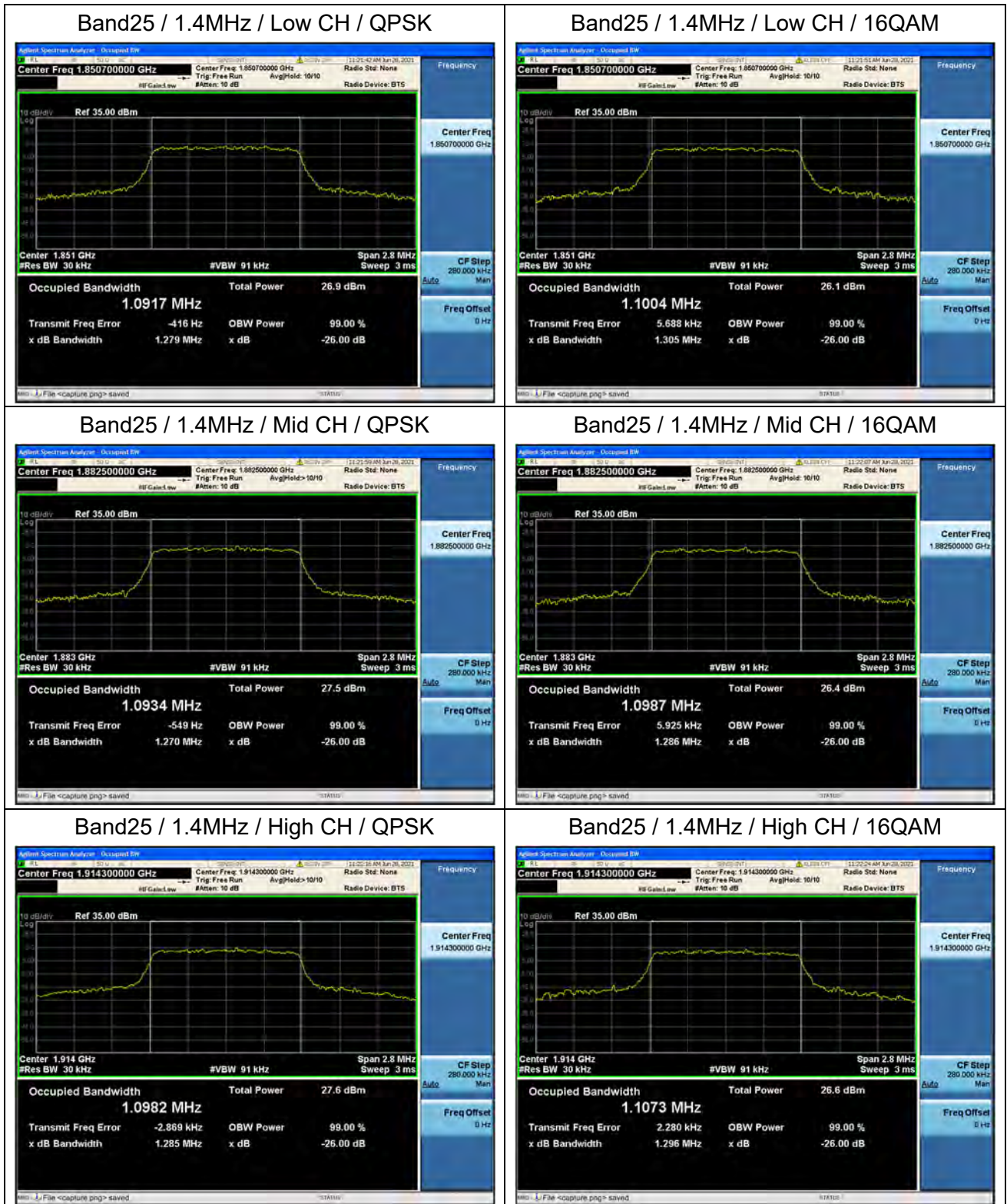


Band17 / 10MHz / High CH / QPSK



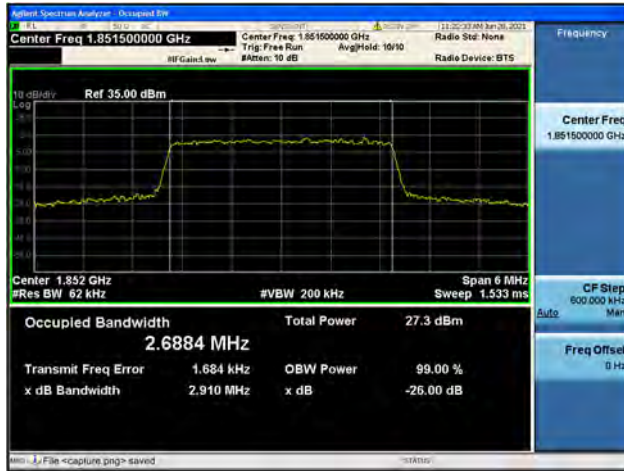
Band17 / 10MHz / High CH / 16QAM



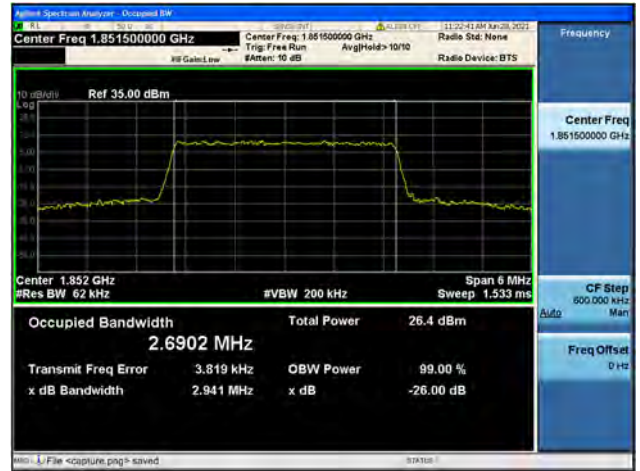




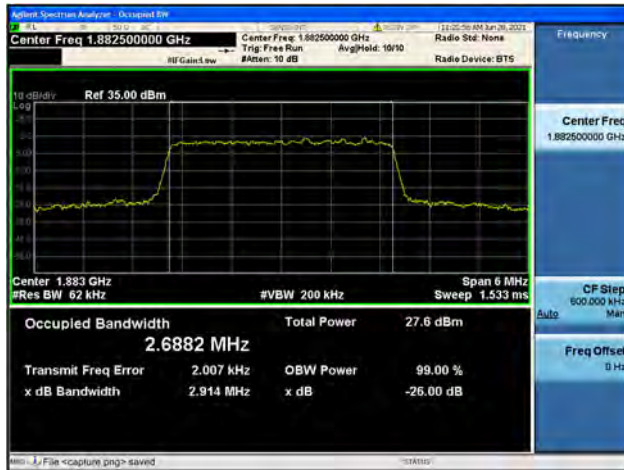
Band25 / 3MHz / Low CH / QPSK



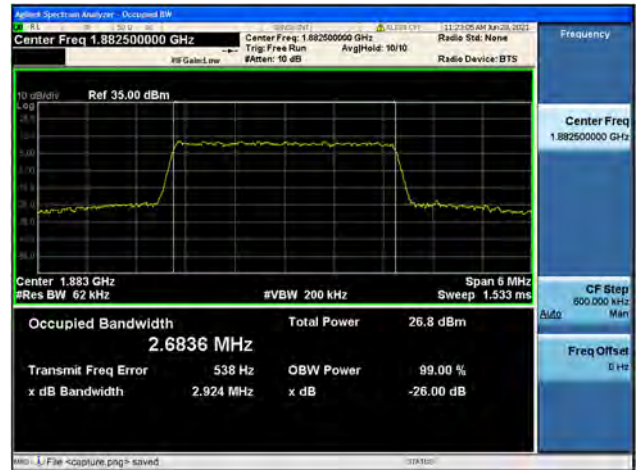
Band25 / 3MHz / Low CH / 16QAM



Band25 / 3MHz / Mid CH / QPSK



Band25 / 3MHz / Mid CH / 16QAM



Band25 / 3MHz / High CH / QPSK

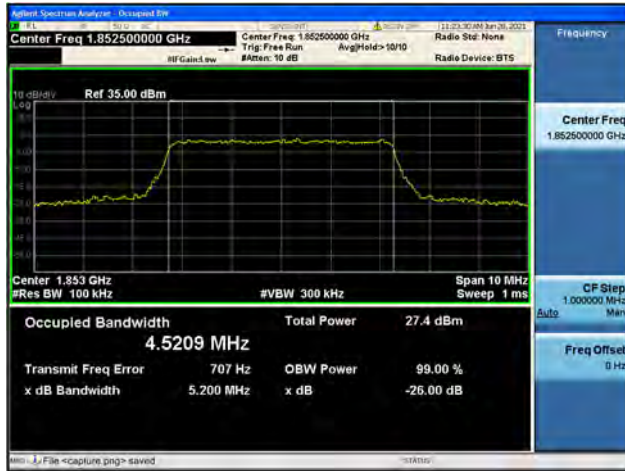


Band25 / 3MHz / High CH / 16QAM

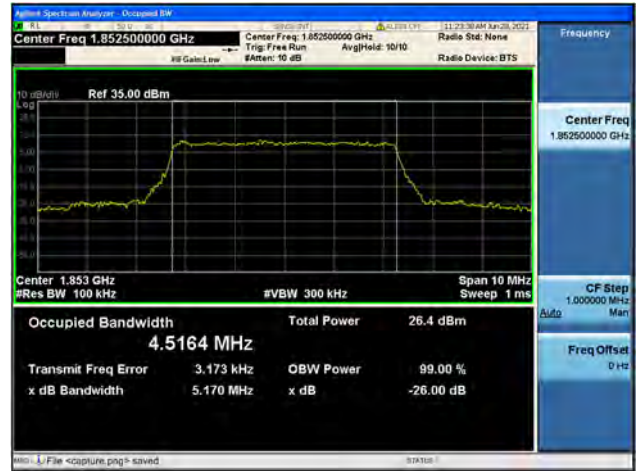




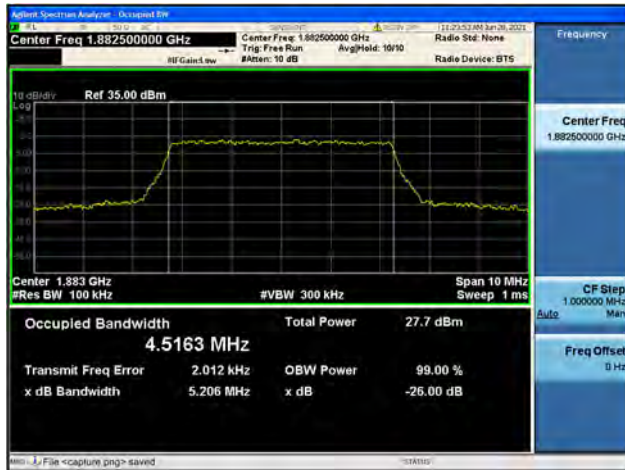
Band25 / 5MHz / Low CH / QPSK



Band25 / 5MHz / Low CH / 16QAM



Band25 / 5MHz / Mid CH / QPSK



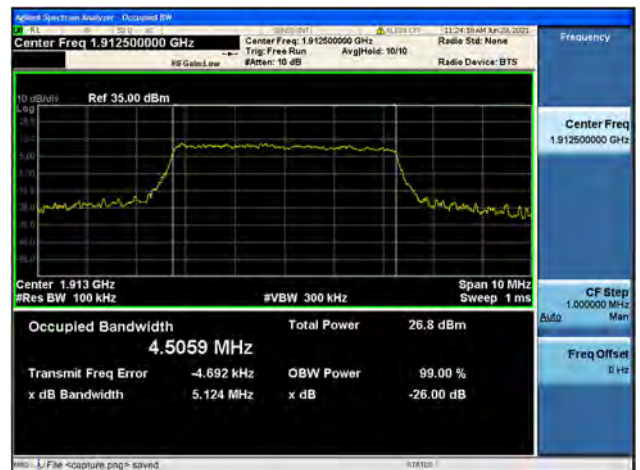
Band25 / 5MHz / Mid CH / 16QAM



Band25 / 5MHz / High CH / QPSK

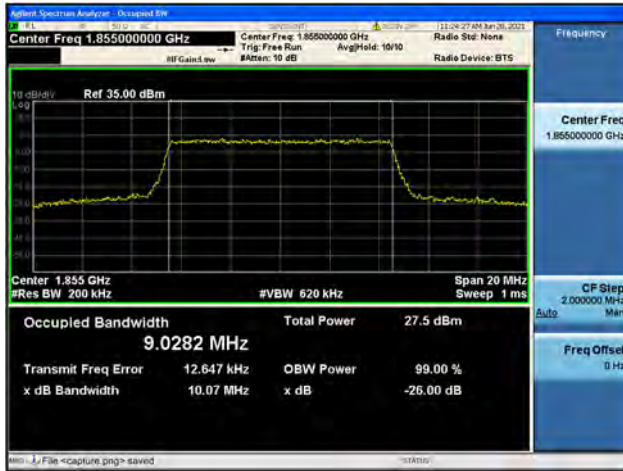


Band25 / 5MHz / High CH / 16QAM

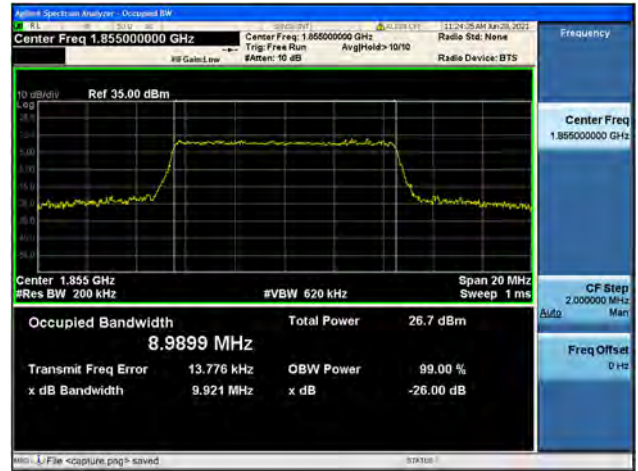




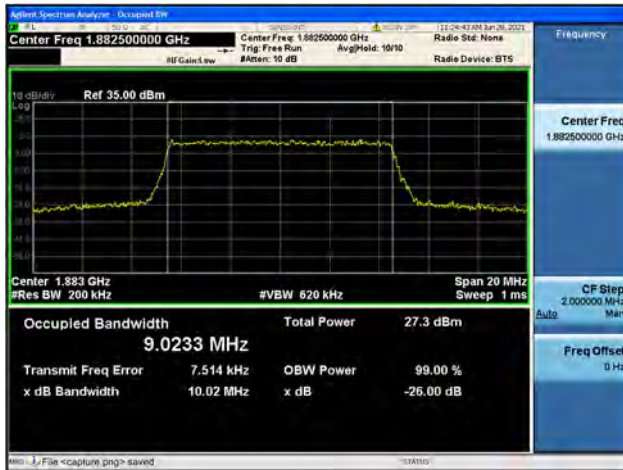
Band25 / 10MHz / Low CH / QPSK



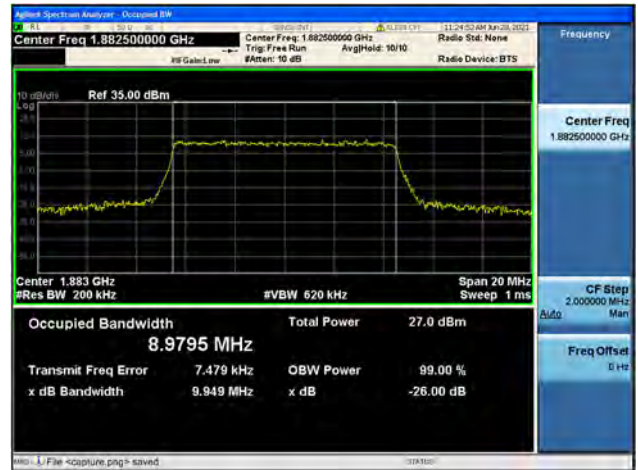
Band25 / 10MHz / Low CH / 16QAM



Band25 / 10MHz / Mid CH / QPSK



Band25 / 10MHz / Mid CH / 16QAM



Band25 / 10MHz / High CH / QPSK

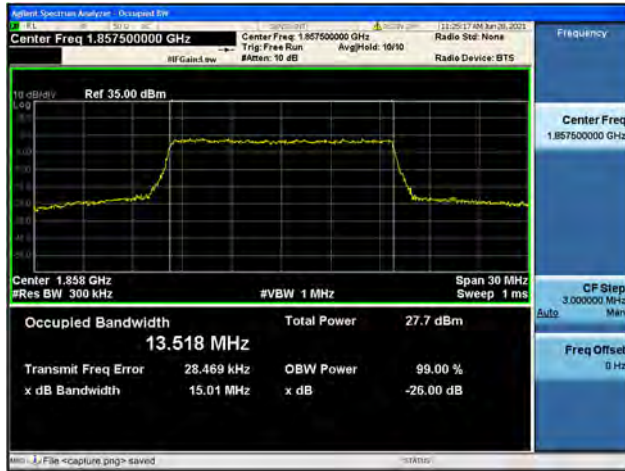


Band25 / 10MHz / High CH / 16QAM





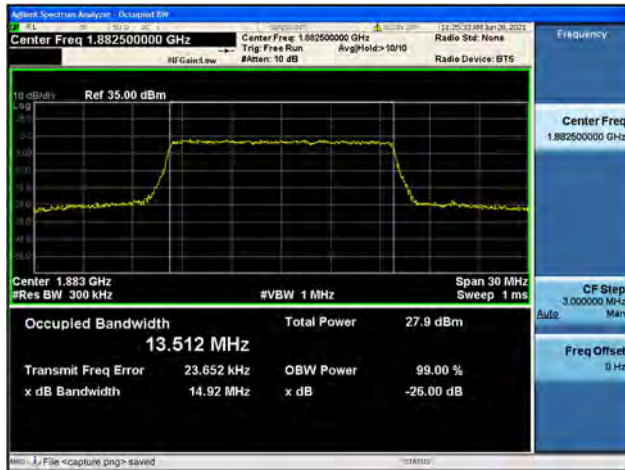
Band25 / 15MHz / Low CH / QPSK



Band25 / 15MHz / Low CH / 16QAM



Band25 / 15MHz / Mid CH / QPSK



Band25 / 15MHz / Mid CH / 16QAM



Band25 / 15MHz / High CH / QPSK

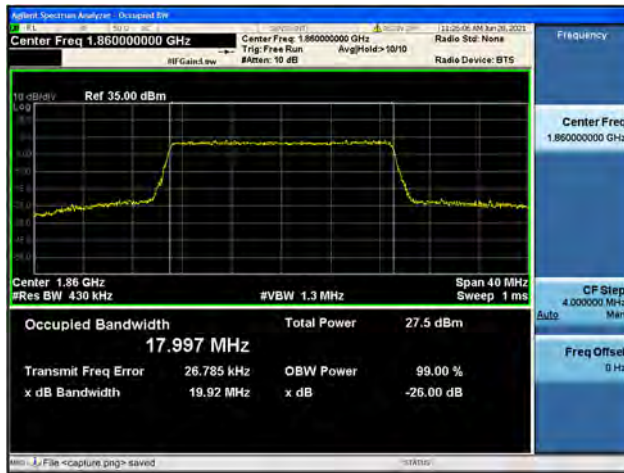


Band25 / 15MHz / High CH / 16QAM

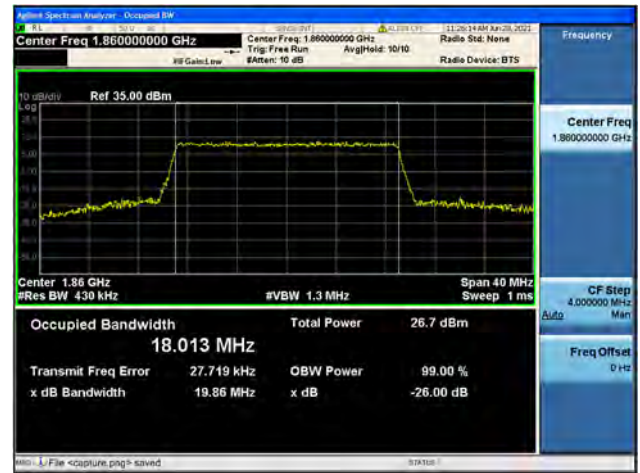




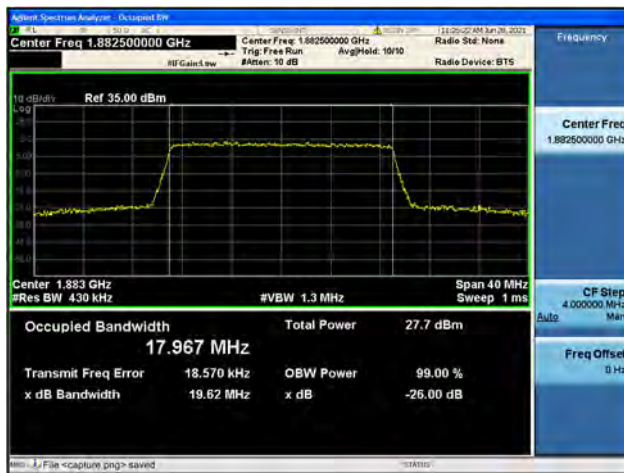
Band25 / 20MHz / Low CH / QPSK



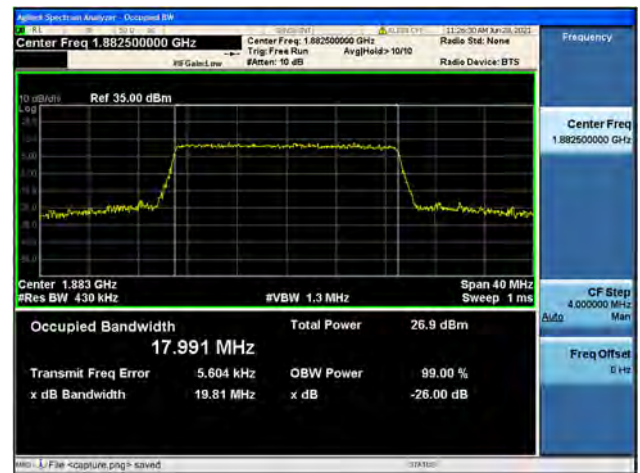
Band25 / 20MHz / Low CH / 16QAM



Band25 / 20MHz / Mid CH / QPSK



Band25 / 20MHz / Mid CH / 16QAM

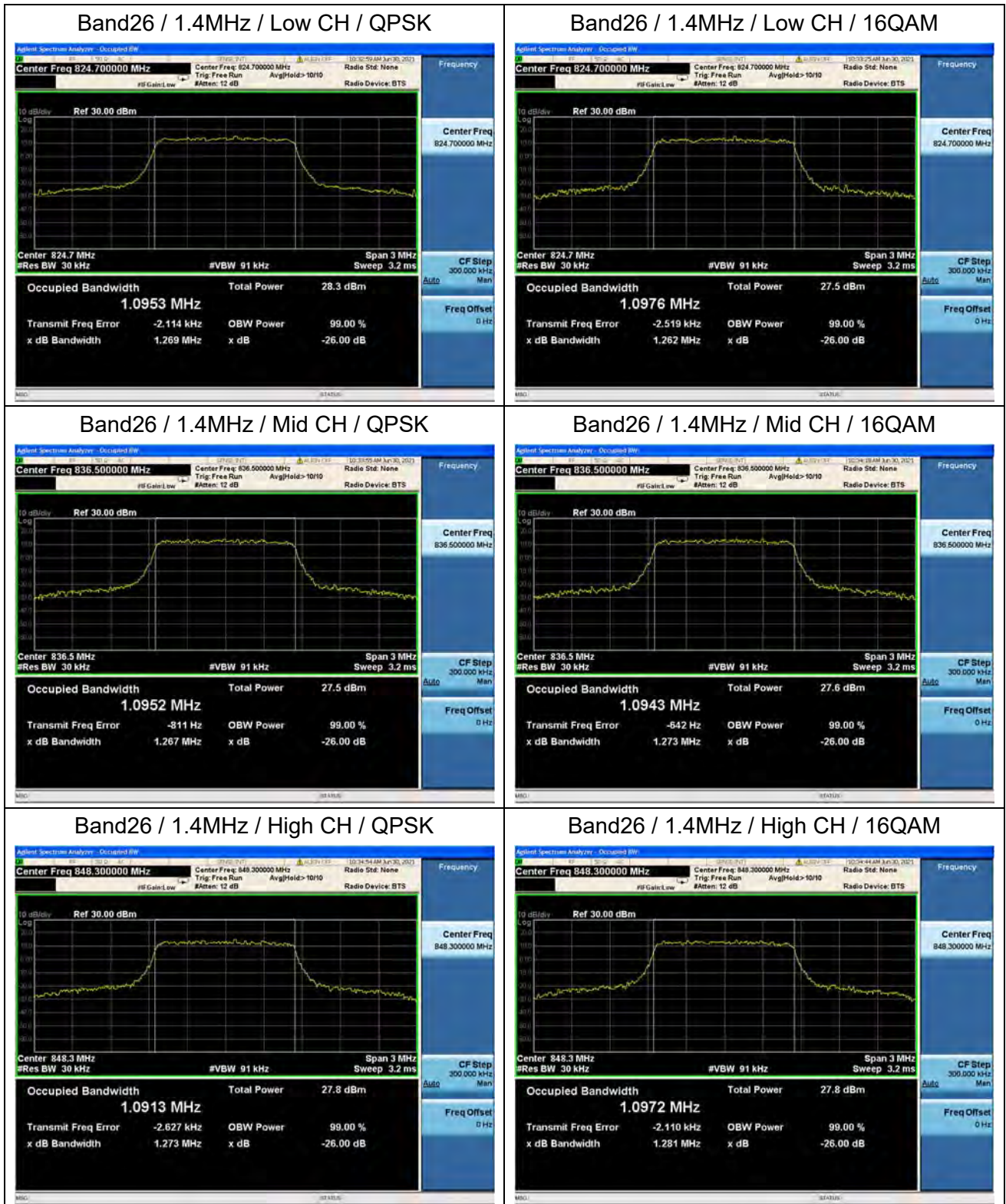


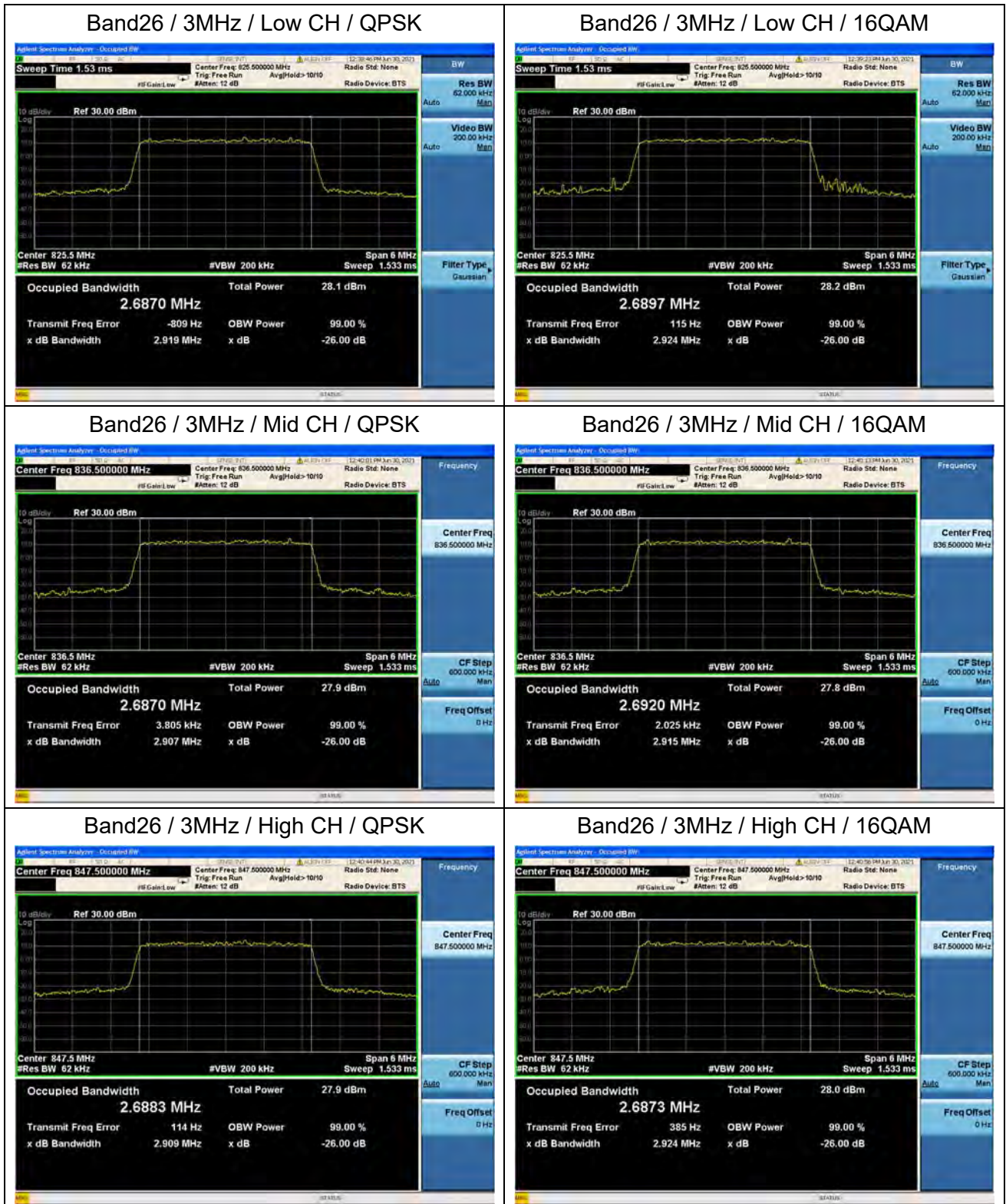
Band25 / 20MHz / High CH / QPSK

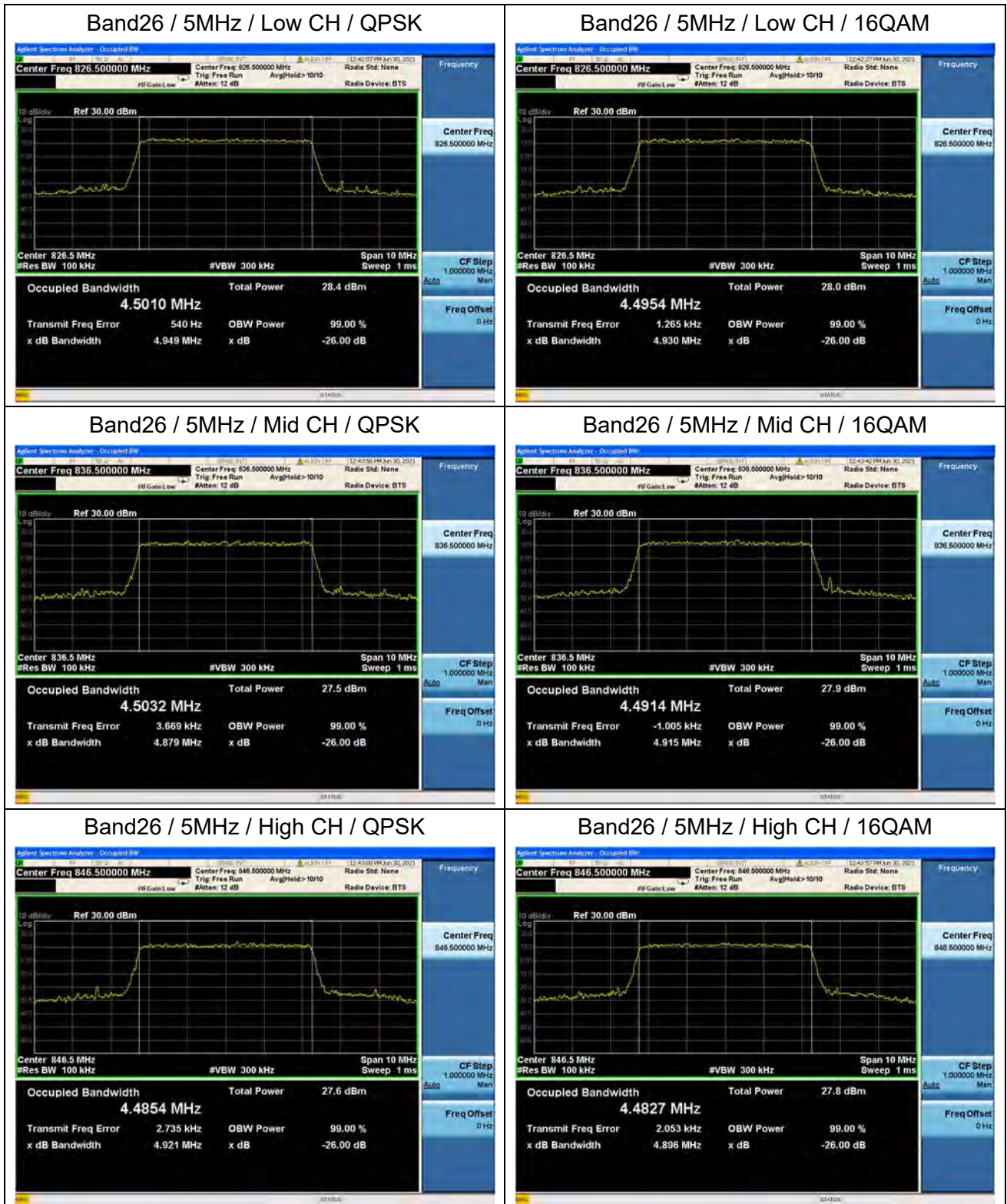


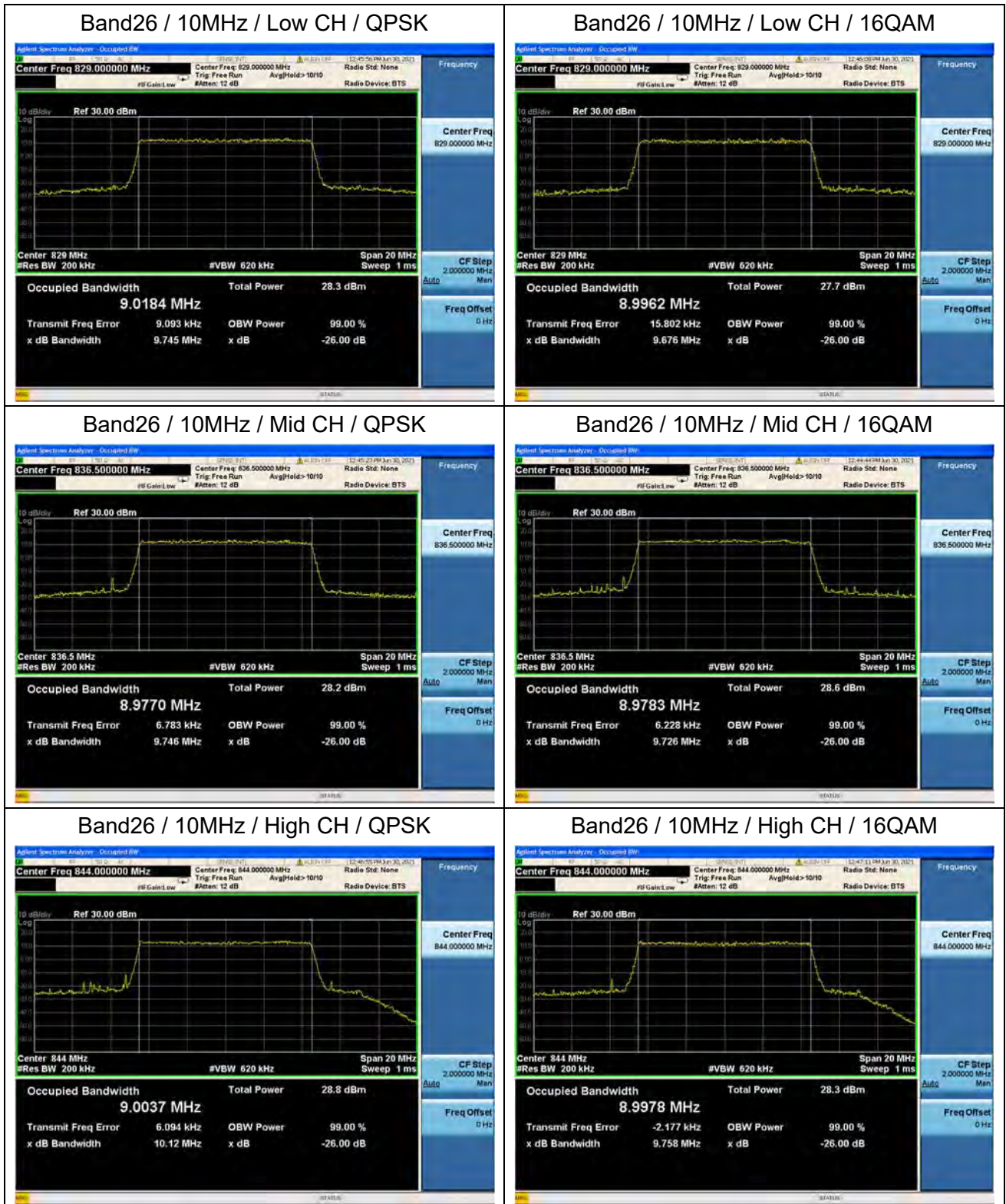
Band25 / 20MHz / High CH / 16QAM







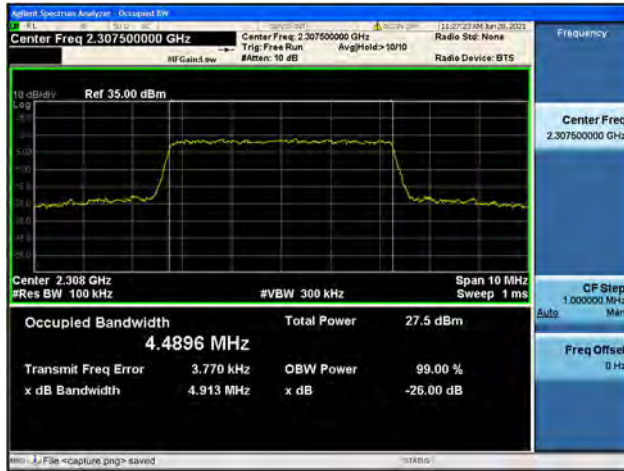








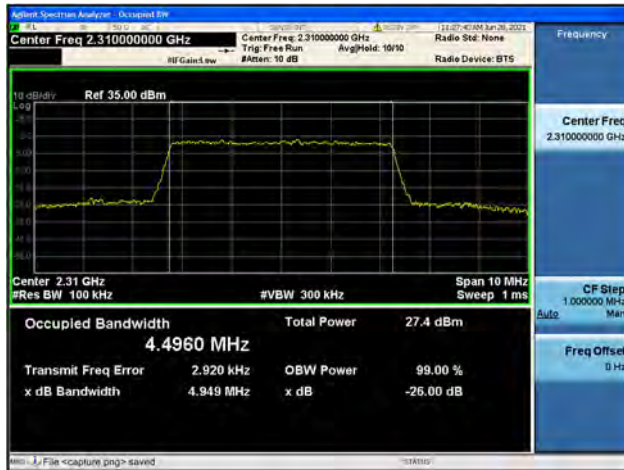
Band30 / 5MHz / Low CH / QPSK



Band30 / 5MHz / Low CH / 16QAM



Band30 / 5MHz / Mid CH / QPSK



Band30 / 5MHz / Mid CH / 16QAM



Band30 / 5MHz / High CH / QPSK



Band30 / 5MHz / High CH / 16QAM

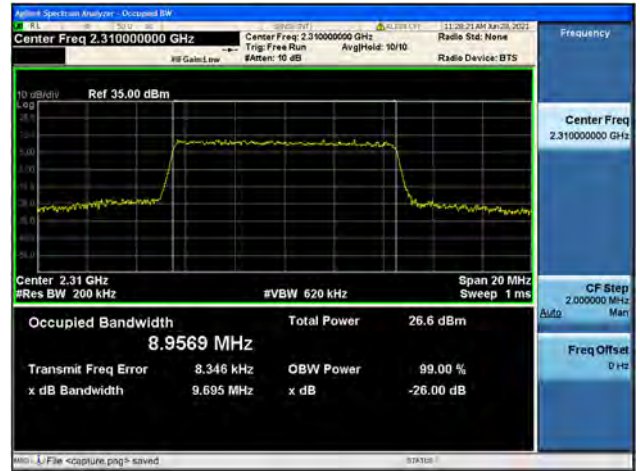




Band30 / 10MHz / Low CH / QPSK



Band30 / 10MHz / Low CH / 16QAM



Band30 / 10MHz / Mid CH / QPSK



Band30 / 10MHz / Mid CH / 16QAM



Band30 / 10MHz / High CH / QPSK

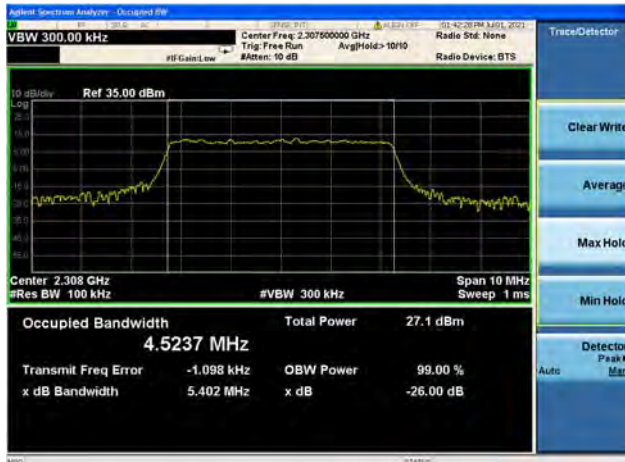


Band30 / 10MHz / High CH / 16QAM





Band40/ Block A / 5MHz / Low CH / QPSK



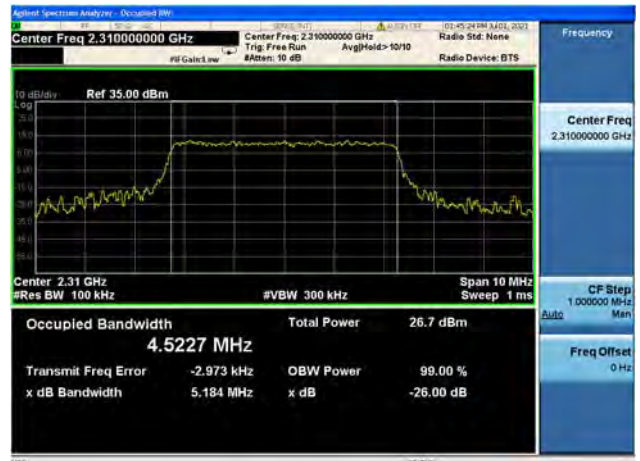
Band40/ Block A / 5MHz / Low CH / 16QAM



Band40/ Block A / 5MHz / Mid CH / QPSK



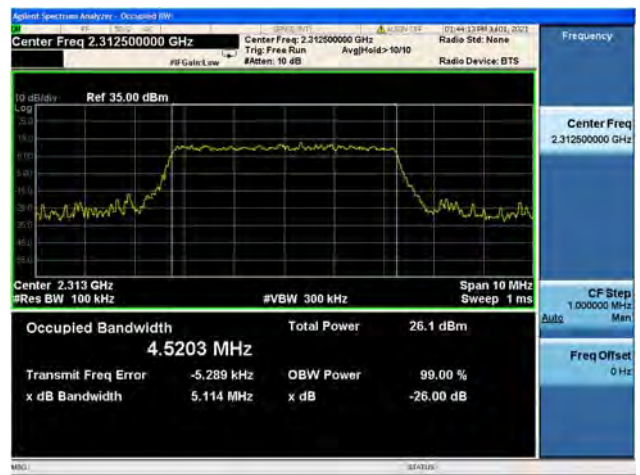
Band40/ Block A / 5MHz / Mid CH / 16QAM



Band40/ Block A / 5MHz / High CH / QPSK

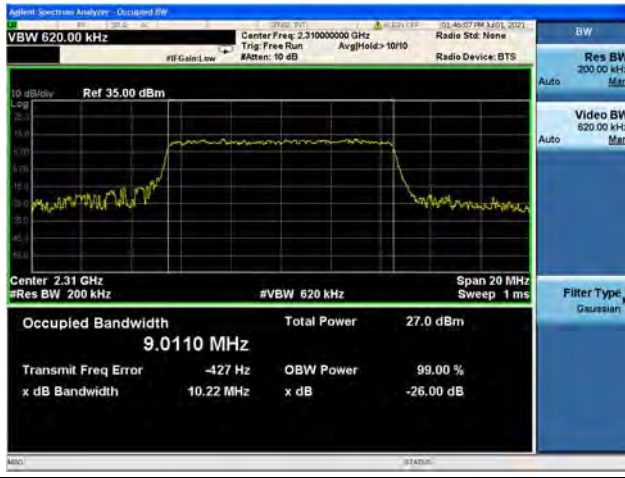


Band40/ Block A / 5MHz / High CH / 16QAM

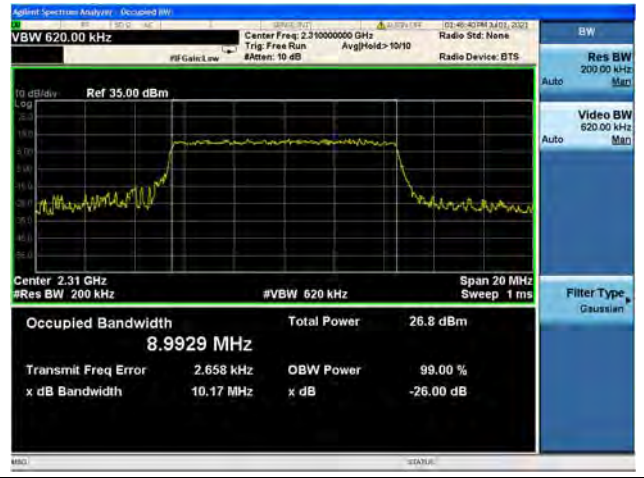




Band40/ Block A / 10MHz / Mid CH / QPSK

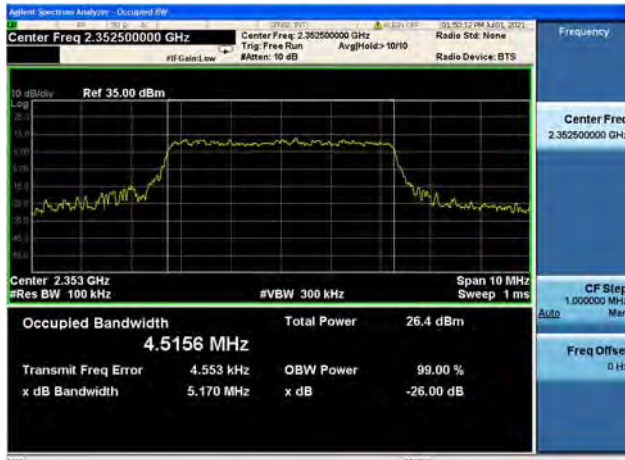


Band40/ Block A / 10MHz / Mid CH / 16QAM





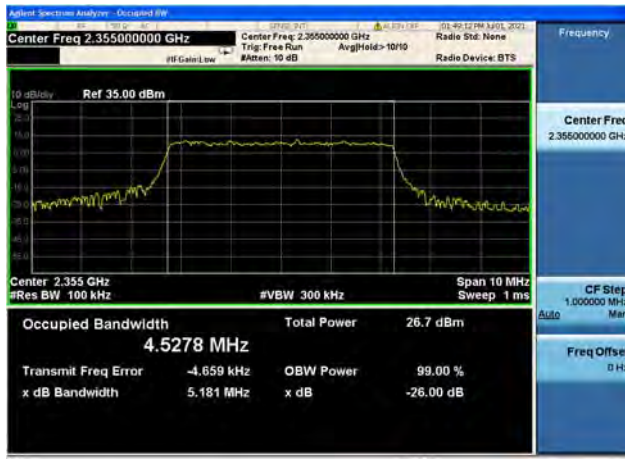
Band40/ Block B / 5MHz / Low CH / QPSK



Band40/ Block B / 5MHz / Low CH / 16QAM



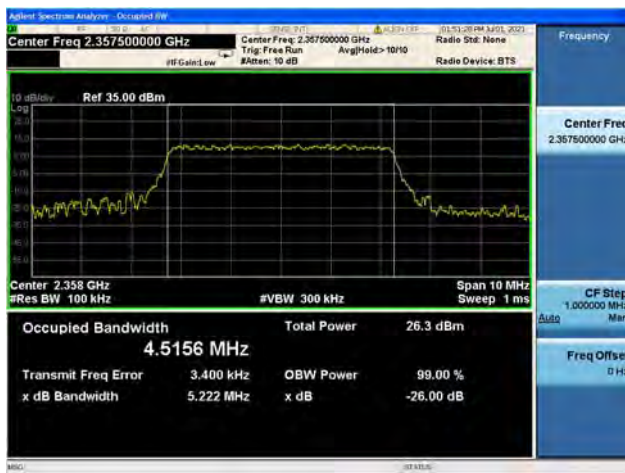
Band40/ Block B / 5MHz / Mid CH / QPSK



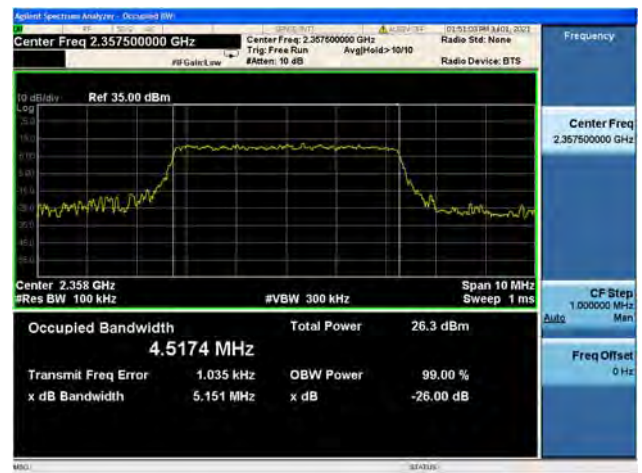
Band40/ Block B / 5MHz / Mid CH / 16QAM



Band40/ Block B / 5MHz / High CH / QPSK

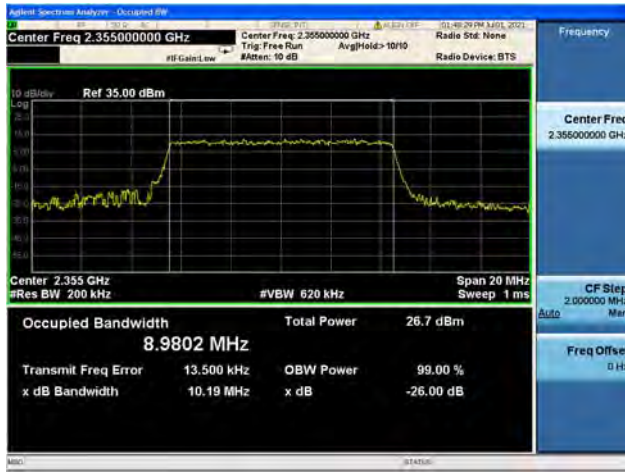


Band40/ Block B / 5MHz / High CH / 16QAM



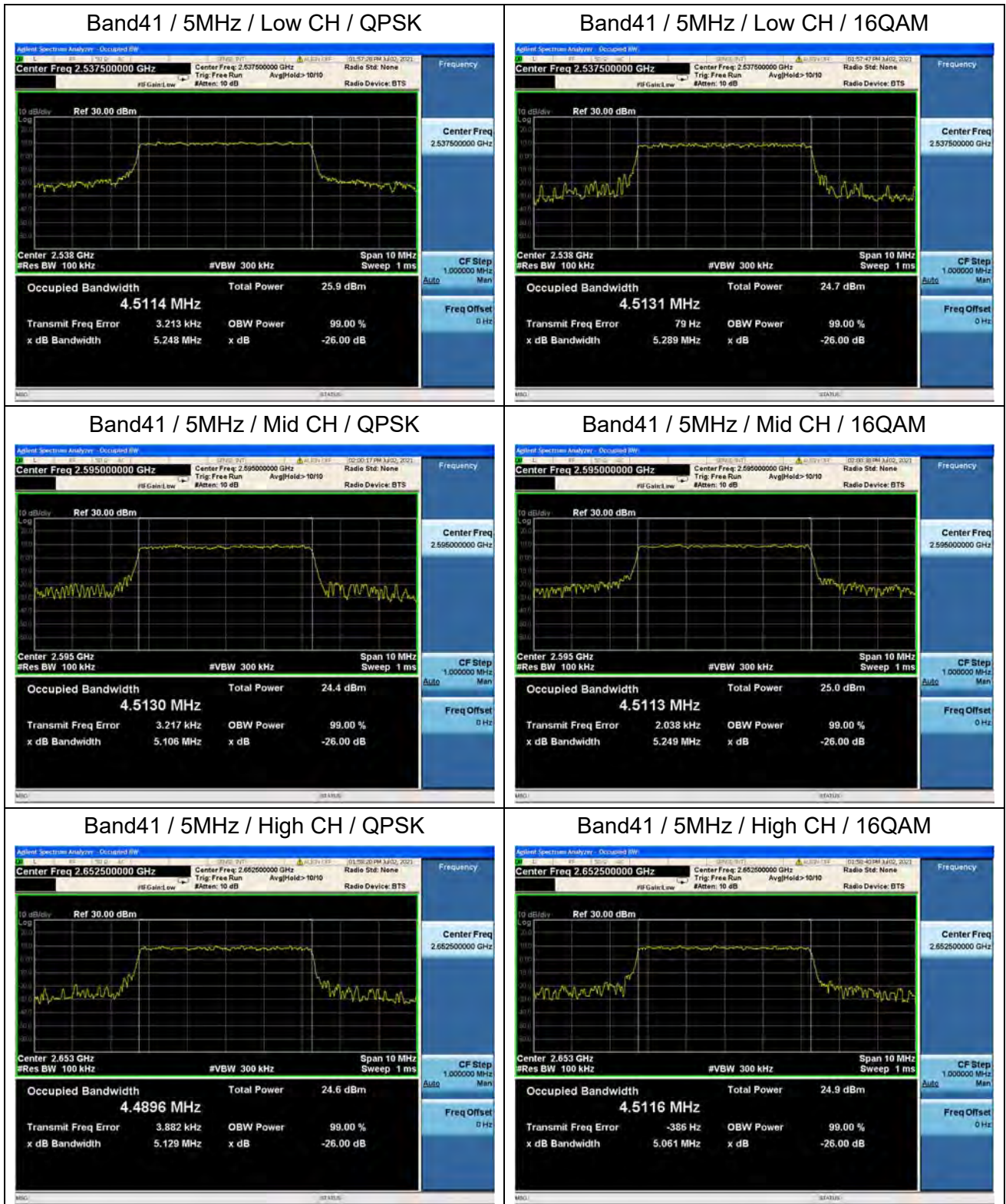


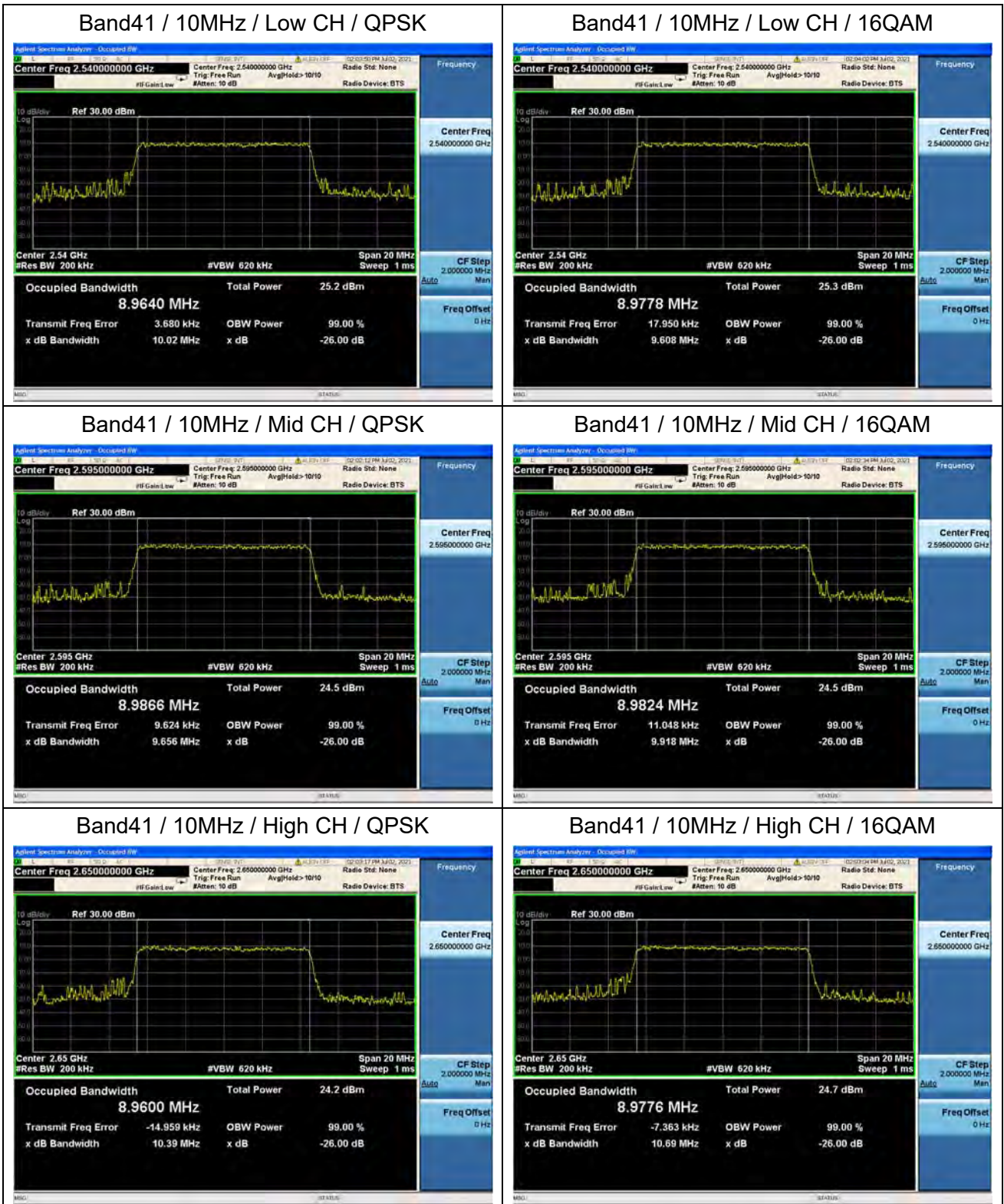
Band40/ Block B / 10MHz / Mid CH / QPSK



Band40/ Block B / 10MHz / Mid CH / 16QAM

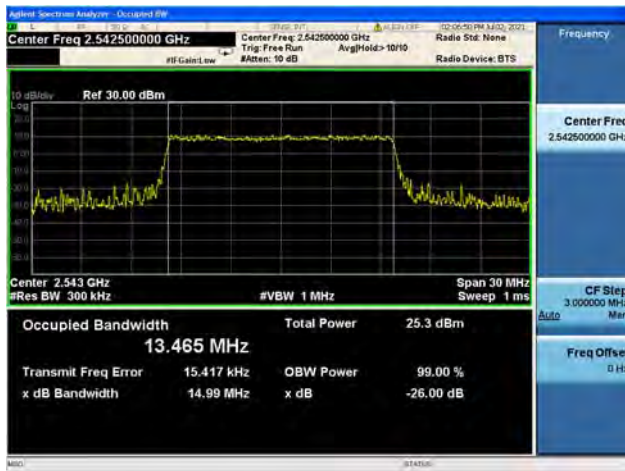




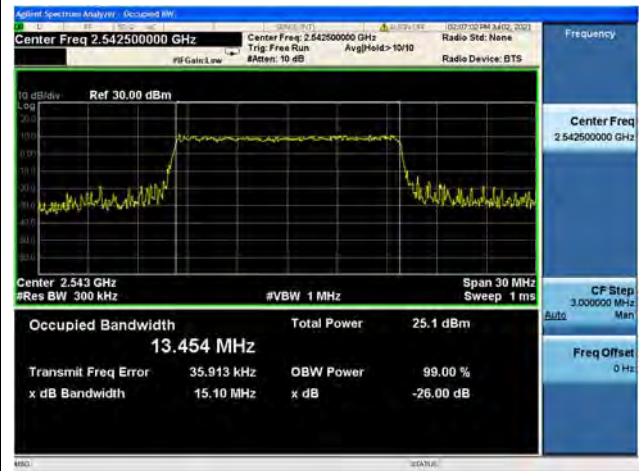




Band41 / 15MHz / Low CH / QPSK



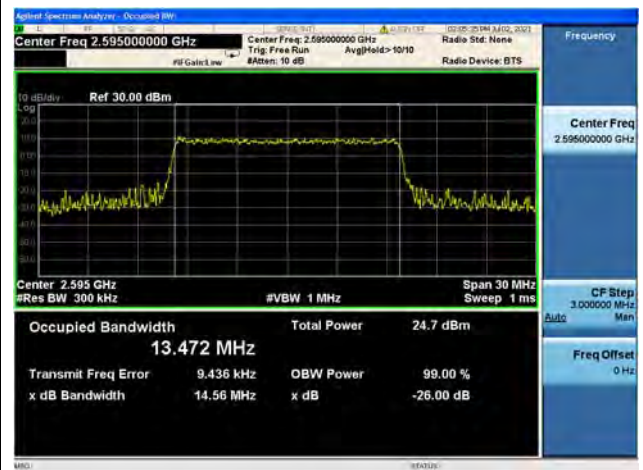
Band41 / 15MHz / Low CH / 16QAM



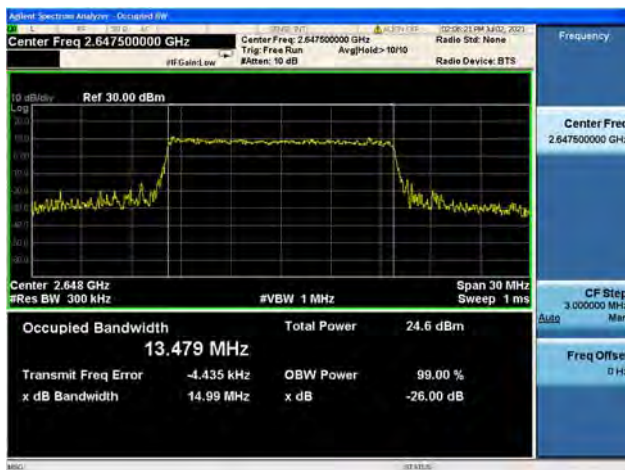
Band41 / 15MHz / Mid CH / QPSK



Band41 / 15MHz / Mid CH / 16QAM



Band41 / 15MHz / High CH / QPSK



Band41 / 15MHz / High CH / 16QAM

