



TEST REPORT

APPLICANT : OnePlus Technology (Shenzhen) Co., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : CPH2513, CPH2515

BRAND NAME : ONEPLUS

FCC ID : 2ABZ2-AA534

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

RECEIPT DATE : 2023-01-06

TEST DATE : 2023-01-13 to 2023-02-23

ISSUE DATE : 2023-03-09

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| Change History | | |
|----------------|------------|-------------------|
| Version | Date | Reason for change |
| 1.0 | 2023-03-09 | First edition |
| | | |



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

| | |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Applicant: | OnePlus Technology (Shenzhen) Co., Ltd. |
| Applicant Address: | 18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China |
| Manufacturer: | OnePlus Technology (Shenzhen) Co., Ltd. |
| Manufacturer Address: | 18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China |

1.2. Equipment Under Test (EUT) Description

| | | |
|-----------------------------|----------------------------------------------------------------------|---------------------|
| Product Name: | Mobile Phone | |
| Sample No.: | 62# | |
| Hardware Version: | 11 | |
| Software Version: | OxygenOS 13.1 | |
| Modulation Type: | QPSK, 16QAM, 64QAM | |
| Carrier Aggregation: | Support UL&DL | |
| Operation Band: | Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 25 / 26 / 38 / 41 / 66 / 71 | |
| Power Class: | Class 3 (Except for LTE Band 41 support both class 2 and 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 |
| | LTE Band 7 | Tx: 2500MHz–2570MHz |
| | | Rx: 2620MHz–2690MHz |
| | LTE Band 12 | Tx: 699MHz–716MHz |
| | | Rx: 729MHz–746MHz |



| | | |
|---------------------------|---------------------------|-----------------------------------------------|
| Frequency Range: | LTE Band 13 | Tx: 777MHz-787MHz |
| | | Rx: 746MHz-756MHz |
| | LTE Band 17 | Tx: 704MHz-716MHz |
| | | Rx: 734MHz-746MHz |
| | LTE Band 18 | Tx: 824MHz-830MHz |
| | | Rx: 869MHz-875MHz |
| | LTE Band 25 | Tx: 1850MHz-1915MHz |
| | | Rx: 1930MHz-1995MHz |
| | LTE Band 26 | Tx: 824MHz-849MHz |
| | | Rx: 869MHz-894MHz |
| LTE Band 38 | Tx: 2570MHz-2620MHz | |
| | Rx: 2570MHz-2620MHz | |
| LTE Band 41 | Tx: 2496MHz -2690MHz | |
| | Tx: 2496MHz -2690MHz | |
| 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 18 | 5 MHz |
| | LTE Band 25 | 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz |
| | LTE Band 26 | 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz |
| | LTE Band 38 | 5 MHz, 10MHz, 15MHz, 20MHz |
| | 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 | ANT 0: 0dBi; ANT 1: 0.7dBi; ANT 4: -3.5dBi |
| | LTE Band 4 | ANT 0: 1.9dBi; ANT 1: -0.3dBi; ANT 4: -2.3dBi |
| | LTE Band 5 | ANT 0: -4.6dBi; ANT 1: -1.7dBi |
| | LTE Band 7 | ANT 0: -0.2dBi; ANT 1: 2.5dBi |



| | | |
|-------------------------------|----------------------------------------------------|-----------------------------------------------|
| Antenna Gain: | LTE Band 12 | ANT 0: -4.5dBi; ANT 1: -3.8dBi |
| | LTE Band 13 | ANT 0: -4.2dBi; ANT 1: -1.2dBi |
| | LTE Band 17 | ANT 0: -4.5dBi; ANT 1: -3.8dBi |
| | LTE Band 18 | ANT 0: -4.6dBi; ANT 1: -1.7dBi |
| | LTE Band 25 | ANT 0: 0dBi; ANT 1: 0.7dBi; ANT 4: -3.5dBi |
| | LTE Band 26 | ANT 0: -4.6dBi; ANT 1: -1.7dBi |
| | LTE Band 38 | ANT 0: -0.2dBi; ANT 1: 2.5dBi |
| | LTE Band 41 | ANT 0: -0.2dBi; ANT 1: 2.5dBi; ANT 4: -0.7dBi |
| | LTE Band 66 | ANT 0: 1.9dBi; ANT 1: -0.3dBi; ANT 4: -2.3dBi |
| | LTE Band 71 | ANT 0: -4.6dBi; ANT 1: -2.9dBi |
| Accessory Information: | Battery 1 | |
| | Brand Name: | SUPERVOOC |
| | Model No.: | BLP989 |
| | Serial No.: | N/A |
| | Capacity: | Typical: 5000mAh, Rated: 4880mAh |
| | Rated Voltage: | 3.89V |
| | Charge Limit: | 4.48V |
| | Manufacturer: | Dongguan NVT Technology Co., Ltd. |
| | Battery 2 | |
| | Brand Name: | SUPERVOOC |
| | Model No.: | BLP989 |
| | Serial No.: | N/A |
| | Capacity: | Typical: 5000mAh, Rated: 4880mAh |
| | Rated Voltage: | 3.89V |
| | Charge Limit: | 4.48V |
| | Manufacturer: | SUNWODA Electronic Co., Ltd. |
| | AC Adapter 1 | |
| | Brand Name: | SUPERVOOC |
| | Model No.: | VCB7CAUH |
| | Serial No.: | N/A |
| Rated Output: | 5V=2A or 5V-11V=5A Max 5V=2A or 5V-11V=6.1A Max | |
| Rated Input: | 100-130V, 200-240V~50/60Hz, 1.8A | |
| Manufacturer: | Dongguan YOHO Electronic Technology Co., Ltd. | |



| | | |
|-------------------------------|---------------|------------------------------------------------------------------------------------------------------------|
| Accessory Information: | AC Adapter 2 | |
| | Brand Name: | SUPERVOOC |
| | Model No.: | VCB7CAUH |
| | Serial No.: | N/A |
| | Rated Output: | 5V \Rightarrow 2A or 5V-11V \Rightarrow 5A Max 5V \Rightarrow 2A or 5V-11V \Rightarrow 6.1A Max |
| | Rated Input: | 100-130V, 200-240V \sim 50/60Hz, 1.8A |
| | Manufacturer: | Jiangsu Chenyang Electron Co., Ltd. |
| | USB Cable 1 | |
| | Model No.: | DL124 |
| | USB Cable 2 | |
| | Model No.: | DL129 |

Note 1: According to the certificate holder, they declared that the models CPH2513 for dual SIM and CPH2515 for single SIM are accordant in both hardware and software version. These two models only differ in model name and SIM card slot. Everything else are the same. The main measuring model is CPH2515, only the results for CPH2515 were recorded in this report.

Note 2: LTE Band 41 supports both power class 2 and class 3. We have evaluated two power classes respectively by performing full test, for Conducted Output Power and E.I.R.P. we recorded the test result of two power classes separately, for other test items we only recorded the worst test result (Class 2) in this report.

Note 3: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



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

| LTE Band 2 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
|--------------------|-------|------------------------------------|-------|---------|-------------------------------------|---------|--|
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 20 | 0.296 | 0.252 | 0.196 | 18M0G7D | 18M0W7D | 18M0W7D | |
| 15 | 0.293 | 0.250 | 0.193 | 13M5G7D | 13M5W7D | 13M5W7D | |
| 10 | 0.296 | 0.248 | 0.194 | 9M02G7D | 8M99W7D | 9M00W7D | |
| 5 | 0.292 | 0.249 | 0.195 | 4M51G7D | 4M51W7D | 4M51W7D | |
| 3 | 0.292 | 0.250 | 0.192 | 2M70G7D | 2M71W7D | 2M71W7D | |
| 1.4 | 0.296 | 0.248 | 0.194 | 1M10G7D | 1M10W7D | 1M10W7D | |
| LTE Band 4 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 20 | 0.378 | 0.319 | 0.248 | 18M0G7D | 18M0W7D | 18M0W7D | |
| 15 | 0.375 | 0.314 | 0.248 | 13M5G7D | 13M5W7D | 13M5W7D | |
| 10 | 0.372 | 0.316 | 0.247 | 9M01G7D | 8M98W7D | 9M00W7D | |
| 5 | 0.372 | 0.316 | 0.247 | 4M51G7D | 4M51W7D | 4M52W7D | |
| 3 | 0.377 | 0.317 | 0.247 | 2M70G7D | 2M70W7D | 2M71W7D | |
| 1.4 | 0.377 | 0.316 | 0.245 | 1M09G7D | 1M10W7D | 1M10W7D | |
| LTE Band 5 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 10 | 0.107 | 0.091 | 0.068 | 8M99G7D | 8M97W7D | 9M00W7D | |
| 5 | 0.107 | 0.090 | 0.068 | 4M51G7D | 4M52W7D | 4M51W7D | |
| 3 | 0.107 | 0.091 | 0.068 | 2M70G7D | 2M70W7D | 2M70W7D | |
| 1.4 | 0.106 | 0.091 | 0.067 | 1M10G7D | 1M10W7D | 1M10W7D | |
| LTE Band 7 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 20 | 0.320 | 0.272 | 0.211 | 18M0G7D | 18M0W7D | 18M0W7D | |
| 15 | 0.317 | 0.270 | 0.208 | 13M5G7D | 13M5W7D | 13M5W7D | |
| 10 | 0.316 | 0.272 | 0.209 | 9M02G7D | 8M99W7D | 9M01W7D | |
| 5 | 0.316 | 0.267 | 0.210 | 4M51G7D | 4M52W7D | 4M52W7D | |
| LTE Band 12 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | |
| 10 | 0.066 | 0.057 | 0.044 | 8M99G7D | 8M97W7D | 8M99W7D | |
| 5 | 0.066 | 0.057 | 0.044 | 4M51G7D | 4M51W7D | 4M51W7D | |
| 3 | 0.066 | 0.056 | 0.044 | 2M70G7D | 2M70W7D | 2M70W7D | |
| 1.4 | 0.065 | 0.056 | 0.043 | 1M10G7D | 1M10W7D | 1M10W7D | |



| LTE Band 13 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
|--------------------|--|------------------------------------|-------|-------|-------------------------------------|---------|---------|
| BW(MHz) | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 | | 0.095 | 0.084 | 0.064 | 9M01G7D | 8M97W7D | 8M99W7D |
| 5 | | 0.095 | 0.082 | 0.064 | 4M50G7D | 4M50W7D | 4M52W7D |
| LTE Band 17 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 10 | | 0.066 | 0.056 | 0.044 | 8M98G7D | 8M93W7D | 8M96W7D |
| 5 | | 0.066 | 0.056 | 0.044 | 4M50G7D | 4M52W7D | 4M52W7D |
| LTE Band 18 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 5 | | 0.105 | 0.090 | 0.067 | 4M51G7D | 4M51W7D | 4M51W7D |
| LTE Band 25 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 | | 0.297 | 0.254 | 0.195 | 17M9G7D | 18M0W7D | 18M0W7D |
| 15 | | 0.295 | 0.253 | 0.193 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | | 0.293 | 0.250 | 0.194 | 9M01G7D | 8M99W7D | 9M01W7D |
| 5 | | 0.294 | 0.249 | 0.194 | 4M50G7D | 4M51W7D | 4M51W7D |
| 3 | | 0.292 | 0.251 | 0.193 | 2M70G7D | 2M70W7D | 2M70W7D |
| 1.4 | | 0.296 | 0.252 | 0.194 | 1M10G7D | 1M10W7D | 1M10W7D |
| LTE Band 26 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 15 | | 0.107 | 0.091 | 0.070 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | | 0.105 | 0.090 | 0.068 | 9M03G7D | 8M98W7D | 8M99W7D |
| 5 | | 0.106 | 0.089 | 0.069 | 4M51G7D | 4M51W7D | 4M51W7D |
| 3 | | 0.106 | 0.089 | 0.069 | 2M70G7D | 2M70W7D | 2M70W7D |
| 1.4 | | 0.105 | 0.089 | 0.068 | 1M09G7D | 1M10W7D | 1M10W7D |
| LTE Band 38 | | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| BW(MHz) | | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 | | 0.367 | 0.306 | 0.236 | 18M0G7D | 17M9W7D | 18M0W7D |
| 15 | | 0.365 | 0.305 | 0.233 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | | 0.363 | 0.303 | 0.233 | 8M99G7D | 8M98W7D | 8M99W7D |
| 5 | | 0.366 | 0.303 | 0.234 | 4M52G7D | 4M52W7D | 4M53W7D |



| LTE Band 66 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
|-------------|-----------------------------|-------|-------|------------------------------|---------|---------|
| | BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM |
| 20 | 0.380 | 0.318 | 0.251 | 18M0G7D | 18M0W7D | 18M3W7D |
| 15 | 0.372 | 0.317 | 0.251 | 13M5G7D | 13M5W7D | 13M5W7D |
| 10 | 0.372 | 0.313 | 0.249 | 9M01G7D | 8M99W7D | 9M02W7D |
| 5 | 0.373 | 0.313 | 0.250 | 4M51G7D | 4M51W7D | 4M52W7D |
| 3 | 0.372 | 0.313 | 0.248 | 2M70G7D | 2M72W7D | 2M70W7D |
| 1.4 | 0.373 | 0.312 | 0.249 | 1M10G7D | 1M10W7D | 1M10W7D |
| LTE Band 71 | Maximum E.R.P./E.I.R.P. (W) | | | Emission Designator (99%OBW) | | |
| | BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM |
| 20 | 0.082 | 0.070 | 0.054 | 18M0G7D | 18M0W7D | 18M0W7D |
| 15 | 0.081 | 0.069 | 0.054 | 13M5G7D | 13M5W7D | 13M4W7D |
| 10 | 0.081 | 0.069 | 0.053 | 8M99G7D | 8M96W7D | 8M97W7D |
| 5 | 0.082 | 0.069 | 0.053 | 4M50G7D | 4M51W7D | 4M51W7D |

| LTE Band 41 | Maximum E.R.P./E.I.R.P. (W) | | | | | |
|-------------|------------------------------|-------|---------|---------------|---------|-------|
| | Power Class 2 | | | Power Class 3 | | |
| BW(MHz) | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM |
| 20 | 0.652 | 0.553 | 0.423 | 0.368 | 0.291 | 0.222 |
| 15 | 0.643 | 0.547 | 0.419 | 0.364 | 0.287 | 0.221 |
| 10 | 0.641 | 0.548 | 0.422 | 0.366 | 0.290 | 0.221 |
| 5 | 0.643 | 0.548 | 0.420 | 0.367 | 0.290 | 0.221 |
| LTE Band 41 | Emission Designator (99%OBW) | | | | | |
| | BW(MHz) | QPSK | | 16QAM | | 64QAM |
| 20 | 18M0G7D | | 18M0W7D | | 18M0W7D | |
| 15 | 13M5G7D | | 13M5W7D | | 13M5W7D | |
| 10 | 9M00G7D | | 8M99W7D | | 9M01W7D | |
| 5 | 4M52G7D | | 4M52W7D | | 4M51W7D | |



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(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. | Feb. 06, 2023 | Chen Hao | PASS | No deviation |
| 2.1049 | Occupied Bandwidth | Feb. 06, 2023 | Li Huaijie | PASS | No deviation |
| 2.1055 22.355 24.235 27.54 | Frequency Stability | Feb. 06, 2023 | Li Huaijie | PASS | No deviation |
| 24.232(d), 27.50(d)(5) | Peak to Average Radio | Feb. 06, 2023 | Li Huaijie | PASS | No deviation |
| 2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) | Conducted Spurious Emissions | Feb. 06, 2023 | Li Huaijie | PASS | No deviation |
| 2.1051 22.917(a) | Band Edge | Feb. 06, 2023 | Li Huaijie | PASS | No deviation |



| | | | | | |
|----------------------------------------------------------------------------------------|-----------------------------------|---------------|---------|------|-----------------|
| 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) | | | | | |
| 2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) | Radiated Spurious Emissions | Feb. 23, 2023 | Su Zhan | PASS | No deviation |

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

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

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

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

1.5. Environmental Conditions

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

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



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 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.

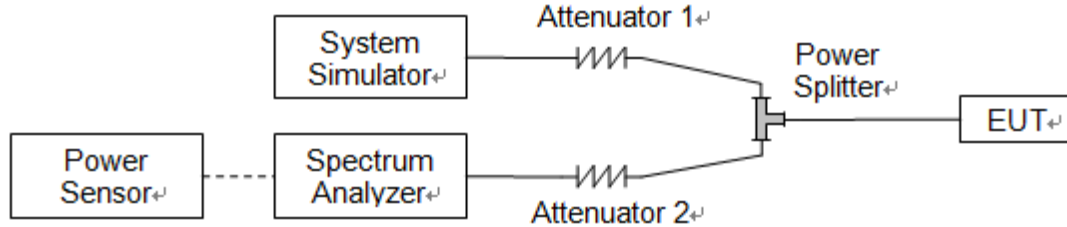
According to FCC section 22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

According to FCC section 27.50 (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.

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) = Conducted Output Power (dBm) + 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 | 23.94 | 24.02 | 23.96 |
| 20 | QPSK | 1 | 49 | 23.87 | 23.93 | 23.89 |
| 20 | QPSK | 1 | 99 | 23.85 | 23.91 | 23.90 |
| 20 | QPSK | 50 | 0 | 23.11 | 23.18 | 23.08 |
| 20 | QPSK | 50 | 24 | 23.08 | 23.14 | 23.10 |
| 20 | QPSK | 50 | 50 | 23.03 | 23.10 | 23.08 |
| 20 | QPSK | 100 | 0 | 23.05 | 23.08 | 23.03 |
| 20 | 16QAM | 1 | 0 | 23.29 | 23.31 | 23.29 |
| 20 | 16QAM | 1 | 49 | 23.26 | 23.28 | 23.20 |
| 20 | 16QAM | 1 | 99 | 23.23 | 23.27 | 23.26 |
| 20 | 16QAM | 50 | 0 | 22.08 | 22.12 | 22.05 |
| 20 | 16QAM | 50 | 24 | 22.10 | 22.11 | 22.04 |
| 20 | 16QAM | 50 | 50 | 22.09 | 22.10 | 22.03 |
| 20 | 16QAM | 100 | 0 | 22.02 | 22.08 | 22.04 |
| 20 | 64QAM | 1 | 0 | 22.15 | 22.22 | 22.19 |
| 20 | 64QAM | 1 | 49 | 22.08 | 22.16 | 22.11 |
| 20 | 64QAM | 1 | 99 | 22.12 | 22.15 | 22.10 |
| 20 | 64QAM | 50 | 0 | 21.15 | 21.16 | 21.08 |
| 20 | 64QAM | 50 | 24 | 21.13 | 21.14 | 21.12 |
| 20 | 64QAM | 50 | 50 | 21.07 | 21.11 | 21.08 |
| 20 | 64QAM | 100 | 0 | 21.02 | 21.08 | 21.02 |



| 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 | 23.91 | 23.97 | 23.90 |
| 15 | QPSK | 1 | 37 | 23.79 | 23.88 | 23.84 |
| 15 | QPSK | 1 | 74 | 23.84 | 23.89 | 23.85 |
| 15 | QPSK | 36 | 0 | 23.09 | 23.14 | 23.11 |
| 15 | QPSK | 36 | 20 | 23.00 | 23.07 | 23.09 |
| 15 | QPSK | 36 | 39 | 23.01 | 23.08 | 23.07 |
| 15 | QPSK | 75 | 0 | 23.03 | 23.00 | 22.96 |
| 15 | 16QAM | 1 | 0 | 23.28 | 23.26 | 23.22 |
| 15 | 16QAM | 1 | 37 | 23.19 | 23.21 | 23.16 |
| 15 | 16QAM | 1 | 74 | 23.15 | 23.19 | 23.21 |
| 15 | 16QAM | 36 | 0 | 22.02 | 22.05 | 22.04 |
| 15 | 16QAM | 36 | 20 | 22.05 | 22.10 | 21.98 |
| 15 | 16QAM | 36 | 39 | 22.07 | 22.04 | 21.95 |
| 15 | 16QAM | 75 | 0 | 21.97 | 22.07 | 21.99 |
| 15 | 64QAM | 1 | 0 | 22.11 | 22.15 | 22.15 |
| 15 | 64QAM | 1 | 37 | 22.07 | 22.15 | 22.03 |
| 15 | 64QAM | 1 | 74 | 22.10 | 22.13 | 22.09 |
| 15 | 64QAM | 36 | 0 | 21.13 | 21.11 | 21.03 |
| 15 | 64QAM | 36 | 20 | 21.11 | 21.10 | 21.06 |
| 15 | 64QAM | 36 | 39 | 21.05 | 21.10 | 21.01 |
| 15 | 64QAM | 75 | 0 | 20.98 | 21.01 | 20.96 |



| 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 | 23.90 | 24.01 | 23.93 |
| 10 | QPSK | 1 | 25 | 23.80 | 23.88 | 23.83 |
| 10 | QPSK | 1 | 49 | 23.78 | 23.87 | 23.82 |
| 10 | QPSK | 25 | 0 | 23.14 | 23.11 | 23.11 |
| 10 | QPSK | 25 | 12 | 23.07 | 23.09 | 23.06 |
| 10 | QPSK | 25 | 25 | 23.01 | 23.02 | 23.04 |
| 10 | QPSK | 50 | 0 | 22.98 | 23.07 | 22.99 |
| 10 | 16QAM | 1 | 0 | 23.22 | 23.23 | 23.25 |
| 10 | 16QAM | 1 | 25 | 23.23 | 23.21 | 23.12 |
| 10 | 16QAM | 1 | 49 | 23.17 | 23.21 | 23.18 |
| 10 | 16QAM | 25 | 0 | 22.05 | 22.09 | 21.99 |
| 10 | 16QAM | 25 | 12 | 22.06 | 22.05 | 21.99 |
| 10 | 16QAM | 25 | 25 | 22.06 | 22.09 | 21.99 |
| 10 | 16QAM | 50 | 0 | 21.95 | 22.06 | 22.00 |
| 10 | 64QAM | 1 | 0 | 22.13 | 22.18 | 22.16 |
| 10 | 64QAM | 1 | 25 | 22.05 | 22.12 | 22.04 |
| 10 | 64QAM | 1 | 49 | 22.09 | 22.14 | 22.06 |
| 10 | 64QAM | 25 | 0 | 21.14 | 21.15 | 21.01 |
| 10 | 64QAM | 25 | 12 | 21.09 | 21.06 | 21.09 |
| 10 | 64QAM | 25 | 25 | 21.05 | 21.10 | 21.07 |
| 10 | 64QAM | 50 | 0 | 20.98 | 21.06 | 20.95 |



| 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 | 23.88 | 23.95 | 23.92 |
| 5 | QPSK | 1 | 12 | 23.82 | 23.92 | 23.83 |
| 5 | QPSK | 1 | 24 | 23.78 | 23.83 | 23.87 |
| 5 | QPSK | 12 | 0 | 23.10 | 23.11 | 23.09 |
| 5 | QPSK | 12 | 7 | 23.01 | 23.06 | 23.02 |
| 5 | QPSK | 12 | 13 | 22.99 | 23.08 | 23.04 |
| 5 | QPSK | 25 | 0 | 23.03 | 23.01 | 22.98 |
| 5 | 16QAM | 1 | 0 | 23.27 | 23.23 | 23.25 |
| 5 | 16QAM | 1 | 12 | 23.20 | 23.27 | 23.17 |
| 5 | 16QAM | 1 | 24 | 23.15 | 23.20 | 23.19 |
| 5 | 16QAM | 12 | 0 | 22.01 | 22.08 | 21.98 |
| 5 | 16QAM | 12 | 7 | 22.08 | 22.10 | 21.99 |
| 5 | 16QAM | 12 | 13 | 22.05 | 22.04 | 22.02 |
| 5 | 16QAM | 25 | 0 | 21.97 | 22.07 | 22.01 |
| 5 | 64QAM | 1 | 0 | 22.10 | 22.20 | 22.17 |
| 5 | 64QAM | 1 | 12 | 22.07 | 22.11 | 22.07 |
| 5 | 64QAM | 1 | 24 | 22.10 | 22.14 | 22.05 |
| 5 | 64QAM | 12 | 0 | 21.13 | 21.14 | 21.07 |
| 5 | 64QAM | 12 | 7 | 21.10 | 21.06 | 21.07 |
| 5 | 64QAM | 12 | 13 | 21.01 | 21.04 | 21.00 |
| 5 | 64QAM | 25 | 0 | 20.99 | 21.01 | 20.97 |



| 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 | 23.90 | 23.96 | 23.91 |
| 3 | QPSK | 1 | 8 | 23.83 | 23.85 | 23.87 |
| 3 | QPSK | 1 | 14 | 23.83 | 23.88 | 23.85 |
| 3 | QPSK | 8 | 0 | 23.11 | 23.14 | 23.12 |
| 3 | QPSK | 8 | 4 | 23.01 | 23.12 | 23.03 |
| 3 | QPSK | 8 | 7 | 23.02 | 23.06 | 23.05 |
| 3 | QPSK | 15 | 0 | 22.97 | 23.04 | 22.96 |
| 3 | 16QAM | 1 | 0 | 23.28 | 23.26 | 23.28 |
| 3 | 16QAM | 1 | 8 | 23.25 | 23.26 | 23.19 |
| 3 | 16QAM | 1 | 14 | 23.16 | 23.20 | 23.18 |
| 3 | 16QAM | 8 | 0 | 22.07 | 22.08 | 22.01 |
| 3 | 16QAM | 8 | 4 | 22.03 | 22.08 | 22.01 |
| 3 | 16QAM | 8 | 7 | 22.04 | 22.04 | 22.02 |
| 3 | 16QAM | 15 | 0 | 21.97 | 22.06 | 22.02 |
| 3 | 64QAM | 1 | 0 | 22.10 | 22.14 | 22.14 |
| 3 | 64QAM | 1 | 8 | 22.01 | 22.11 | 22.06 |
| 3 | 64QAM | 1 | 14 | 22.05 | 22.13 | 22.05 |
| 3 | 64QAM | 8 | 0 | 21.09 | 21.15 | 21.00 |
| 3 | 64QAM | 8 | 4 | 21.10 | 21.10 | 21.10 |
| 3 | 64QAM | 8 | 7 | 21.06 | 21.10 | 21.07 |
| 3 | 64QAM | 15 | 0 | 21.00 | 21.07 | 20.99 |



| 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 | 23.86 | 24.01 | 23.93 |
| 1.4 | QPSK | 1 | 3 | 23.80 | 23.87 | 23.86 |
| 1.4 | QPSK | 1 | 5 | 23.77 | 23.88 | 23.86 |
| 1.4 | QPSK | 3 | 0 | 23.83 | 23.92 | 23.89 |
| 1.4 | QPSK | 3 | 1 | 23.95 | 23.98 | 23.88 |
| 1.4 | QPSK | 3 | 3 | 23.89 | 23.93 | 23.90 |
| 1.4 | QPSK | 6 | 0 | 22.97 | 23.07 | 22.99 |
| 1.4 | 16QAM | 1 | 0 | 23.25 | 23.24 | 23.21 |
| 1.4 | 16QAM | 1 | 3 | 23.25 | 23.22 | 23.18 |
| 1.4 | 16QAM | 1 | 5 | 23.16 | 23.25 | 23.25 |
| 1.4 | 16QAM | 3 | 0 | 23.05 | 23.10 | 23.02 |
| 1.4 | 16QAM | 3 | 1 | 23.03 | 23.07 | 22.99 |
| 1.4 | 16QAM | 3 | 3 | 23.04 | 23.08 | 22.97 |
| 1.4 | 16QAM | 6 | 0 | 21.98 | 22.07 | 21.96 |
| 1.4 | 64QAM | 1 | 0 | 22.13 | 22.18 | 22.17 |
| 1.4 | 64QAM | 1 | 3 | 22.05 | 22.09 | 22.06 |
| 1.4 | 64QAM | 1 | 5 | 22.05 | 22.09 | 22.06 |
| 1.4 | 64QAM | 3 | 0 | 22.14 | 22.08 | 22.01 |
| 1.4 | 64QAM | 3 | 1 | 22.11 | 22.09 | 22.06 |
| 1.4 | 64QAM | 3 | 3 | 22.04 | 22.05 | 22.03 |
| 1.4 | 64QAM | 6 | 0 | 20.97 | 21.03 | 20.95 |



| LTE Band 4 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20050 | 20175 | 20300 |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 |
| 20 | QPSK | 1 | 0 | 23.83 | 23.88 | 23.82 |
| 20 | QPSK | 1 | 49 | 23.74 | 23.77 | 23.76 |
| 20 | QPSK | 1 | 99 | 23.66 | 23.73 | 23.71 |
| 20 | QPSK | 50 | 0 | 22.90 | 22.94 | 22.87 |
| 20 | QPSK | 50 | 24 | 22.88 | 22.90 | 22.83 |
| 20 | QPSK | 50 | 50 | 22.73 | 22.81 | 22.77 |
| 20 | QPSK | 100 | 0 | 22.84 | 22.86 | 22.83 |
| 20 | 16QAM | 1 | 0 | 23.11 | 23.14 | 23.10 |
| 20 | 16QAM | 1 | 49 | 23.08 | 23.12 | 23.07 |
| 20 | 16QAM | 1 | 99 | 23.01 | 23.09 | 23.05 |
| 20 | 16QAM | 50 | 0 | 21.94 | 21.95 | 21.94 |
| 20 | 16QAM | 50 | 24 | 21.86 | 21.90 | 21.89 |
| 20 | 16QAM | 50 | 50 | 21.76 | 21.80 | 21.76 |
| 20 | 16QAM | 100 | 0 | 21.81 | 21.89 | 21.84 |
| 20 | 64QAM | 1 | 0 | 22.04 | 22.05 | 22.03 |
| 20 | 64QAM | 1 | 49 | 21.93 | 22.00 | 21.97 |
| 20 | 64QAM | 1 | 99 | 21.93 | 21.97 | 21.95 |
| 20 | 64QAM | 50 | 0 | 20.92 | 20.96 | 20.89 |
| 20 | 64QAM | 50 | 24 | 20.87 | 20.92 | 20.88 |
| 20 | 64QAM | 50 | 50 | 20.79 | 20.87 | 20.81 |
| 20 | 64QAM | 100 | 0 | 20.82 | 20.90 | 20.87 |



| 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 | 23.80 | 23.84 | 23.78 |
| 15 | QPSK | 1 | 37 | 23.72 | 23.76 | 23.70 |
| 15 | QPSK | 1 | 74 | 23.62 | 23.72 | 23.67 |
| 15 | QPSK | 36 | 0 | 22.83 | 22.88 | 22.85 |
| 15 | QPSK | 36 | 20 | 22.84 | 22.88 | 22.80 |
| 15 | QPSK | 36 | 39 | 22.72 | 22.80 | 22.73 |
| 15 | QPSK | 75 | 0 | 22.76 | 22.85 | 22.76 |
| 15 | 16QAM | 1 | 0 | 23.07 | 23.07 | 23.03 |
| 15 | 16QAM | 1 | 37 | 23.00 | 23.05 | 23.03 |
| 15 | 16QAM | 1 | 74 | 23.00 | 23.07 | 22.98 |
| 15 | 16QAM | 36 | 0 | 21.93 | 21.87 | 21.88 |
| 15 | 16QAM | 36 | 20 | 21.84 | 21.89 | 21.82 |
| 15 | 16QAM | 36 | 39 | 21.72 | 21.76 | 21.72 |
| 15 | 16QAM | 75 | 0 | 21.78 | 21.87 | 21.80 |
| 15 | 64QAM | 1 | 0 | 22.02 | 22.04 | 21.99 |
| 15 | 64QAM | 1 | 37 | 21.90 | 21.97 | 21.92 |
| 15 | 64QAM | 1 | 74 | 21.88 | 21.92 | 21.92 |
| 15 | 64QAM | 36 | 0 | 20.90 | 20.94 | 20.87 |
| 15 | 64QAM | 36 | 20 | 20.83 | 20.84 | 20.87 |
| 15 | 64QAM | 36 | 39 | 20.73 | 20.85 | 20.73 |
| 15 | 64QAM | 75 | 0 | 20.81 | 20.82 | 20.80 |



| 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 | 23.78 | 23.80 | 23.76 |
| 10 | QPSK | 1 | 25 | 23.69 | 23.76 | 23.69 |
| 10 | QPSK | 1 | 49 | 23.63 | 23.71 | 23.68 |
| 10 | QPSK | 25 | 0 | 22.83 | 22.87 | 22.82 |
| 10 | QPSK | 25 | 12 | 22.84 | 22.87 | 22.81 |
| 10 | QPSK | 25 | 25 | 22.65 | 22.80 | 22.69 |
| 10 | QPSK | 50 | 0 | 22.79 | 22.82 | 22.82 |
| 10 | 16QAM | 1 | 0 | 23.10 | 23.09 | 23.09 |
| 10 | 16QAM | 1 | 25 | 23.03 | 23.10 | 23.03 |
| 10 | 16QAM | 1 | 49 | 22.94 | 23.06 | 23.02 |
| 10 | 16QAM | 25 | 0 | 21.92 | 21.93 | 21.91 |
| 10 | 16QAM | 25 | 12 | 21.85 | 21.86 | 21.85 |
| 10 | 16QAM | 25 | 25 | 21.74 | 21.79 | 21.70 |
| 10 | 16QAM | 50 | 0 | 21.73 | 21.85 | 21.82 |
| 10 | 64QAM | 1 | 0 | 21.97 | 22.03 | 21.99 |
| 10 | 64QAM | 1 | 25 | 21.86 | 21.93 | 21.92 |
| 10 | 64QAM | 1 | 49 | 21.85 | 21.91 | 21.90 |
| 10 | 64QAM | 25 | 0 | 20.91 | 20.89 | 20.85 |
| 10 | 64QAM | 25 | 12 | 20.84 | 20.86 | 20.81 |
| 10 | 64QAM | 25 | 25 | 20.71 | 20.79 | 20.76 |
| 10 | 64QAM | 50 | 0 | 20.77 | 20.86 | 20.80 |



| 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 | 23.80 | 23.81 | 23.79 |
| 5 | QPSK | 1 | 12 | 23.68 | 23.72 | 23.70 |
| 5 | QPSK | 1 | 24 | 23.62 | 23.66 | 23.65 |
| 5 | QPSK | 12 | 0 | 22.86 | 22.93 | 22.82 |
| 5 | QPSK | 12 | 7 | 22.87 | 22.85 | 22.78 |
| 5 | QPSK | 12 | 13 | 22.68 | 22.79 | 22.69 |
| 5 | QPSK | 25 | 0 | 22.82 | 22.82 | 22.76 |
| 5 | 16QAM | 1 | 0 | 23.08 | 23.09 | 23.06 |
| 5 | 16QAM | 1 | 12 | 23.07 | 23.09 | 23.06 |
| 5 | 16QAM | 1 | 24 | 22.98 | 23.08 | 23.00 |
| 5 | 16QAM | 12 | 0 | 21.91 | 21.94 | 21.86 |
| 5 | 16QAM | 12 | 7 | 21.78 | 21.84 | 21.84 |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.75 | 21.68 |
| 5 | 16QAM | 25 | 0 | 21.80 | 21.84 | 21.80 |
| 5 | 64QAM | 1 | 0 | 22.03 | 22.00 | 22.01 |
| 5 | 64QAM | 1 | 12 | 21.87 | 21.98 | 21.93 |
| 5 | 64QAM | 1 | 24 | 21.90 | 21.92 | 21.87 |
| 5 | 64QAM | 12 | 0 | 20.84 | 20.90 | 20.88 |
| 5 | 64QAM | 12 | 7 | 20.79 | 20.90 | 20.84 |
| 5 | 64QAM | 12 | 13 | 20.78 | 20.79 | 20.76 |
| 5 | 64QAM | 25 | 0 | 20.75 | 20.85 | 20.80 |



| 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 | 23.75 | 23.86 | 23.81 |
| 3 | QPSK | 1 | 8 | 23.69 | 23.74 | 23.70 |
| 3 | QPSK | 1 | 14 | 23.59 | 23.72 | 23.67 |
| 3 | QPSK | 8 | 0 | 22.88 | 22.93 | 22.84 |
| 3 | QPSK | 8 | 4 | 22.80 | 22.84 | 22.75 |
| 3 | QPSK | 8 | 7 | 22.68 | 22.79 | 22.71 |
| 3 | QPSK | 15 | 0 | 22.83 | 22.81 | 22.76 |
| 3 | 16QAM | 1 | 0 | 23.06 | 23.06 | 23.04 |
| 3 | 16QAM | 1 | 8 | 23.04 | 23.11 | 22.99 |
| 3 | 16QAM | 1 | 14 | 22.96 | 23.04 | 22.99 |
| 3 | 16QAM | 8 | 0 | 21.91 | 21.90 | 21.89 |
| 3 | 16QAM | 8 | 4 | 21.79 | 21.89 | 21.81 |
| 3 | 16QAM | 8 | 7 | 21.75 | 21.72 | 21.68 |
| 3 | 16QAM | 15 | 0 | 21.78 | 21.81 | 21.76 |
| 3 | 64QAM | 1 | 0 | 22.03 | 22.01 | 21.96 |
| 3 | 64QAM | 1 | 8 | 21.90 | 21.93 | 21.89 |
| 3 | 64QAM | 1 | 14 | 21.85 | 21.96 | 21.89 |
| 3 | 64QAM | 8 | 0 | 20.88 | 20.94 | 20.81 |
| 3 | 64QAM | 8 | 4 | 20.86 | 20.85 | 20.80 |
| 3 | 64QAM | 8 | 7 | 20.74 | 20.80 | 20.75 |
| 3 | 64QAM | 15 | 0 | 20.76 | 20.88 | 20.81 |



| 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 | 23.80 | 23.86 | 23.78 |
| 1.4 | QPSK | 1 | 3 | 23.68 | 23.70 | 23.70 |
| 1.4 | QPSK | 1 | 5 | 23.61 | 23.71 | 23.68 |
| 1.4 | QPSK | 3 | 0 | 23.69 | 23.78 | 23.72 |
| 1.4 | QPSK | 3 | 1 | 23.72 | 23.73 | 23.65 |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.58 | 23.59 |
| 1.4 | QPSK | 6 | 0 | 22.77 | 22.81 | 22.75 |
| 1.4 | 16QAM | 1 | 0 | 23.10 | 23.08 | 23.03 |
| 1.4 | 16QAM | 1 | 3 | 23.00 | 23.08 | 23.02 |
| 1.4 | 16QAM | 1 | 5 | 22.95 | 23.08 | 23.04 |
| 1.4 | 16QAM | 3 | 0 | 22.75 | 22.73 | 22.77 |
| 1.4 | 16QAM | 3 | 1 | 22.70 | 22.74 | 22.66 |
| 1.4 | 16QAM | 3 | 3 | 22.55 | 22.64 | 22.58 |
| 1.4 | 16QAM | 6 | 0 | 21.80 | 21.85 | 21.76 |
| 1.4 | 64QAM | 1 | 0 | 21.98 | 22.00 | 22.00 |
| 1.4 | 64QAM | 1 | 3 | 21.91 | 21.96 | 21.89 |
| 1.4 | 64QAM | 1 | 5 | 21.92 | 21.93 | 21.91 |
| 1.4 | 64QAM | 3 | 0 | 21.70 | 21.73 | 21.67 |
| 1.4 | 64QAM | 3 | 1 | 21.65 | 21.70 | 21.65 |
| 1.4 | 64QAM | 3 | 3 | 21.62 | 21.67 | 21.59 |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.82 | 20.80 |



| 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 | 24.13 | 24.16 | 24.12 |
| 10 | QPSK | 1 | 25 | 24.00 | 24.08 | 24.00 |
| 10 | QPSK | 1 | 49 | 23.98 | 24.06 | 24.04 |
| 10 | QPSK | 25 | 0 | 23.11 | 23.14 | 23.08 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.11 | 23.07 |
| 10 | QPSK | 25 | 25 | 23.05 | 23.09 | 23.08 |
| 10 | QPSK | 50 | 0 | 23.08 | 23.12 | 23.08 |
| 10 | 16QAM | 1 | 0 | 23.41 | 23.45 | 23.37 |
| 10 | 16QAM | 1 | 25 | 23.36 | 23.42 | 23.38 |
| 10 | 16QAM | 1 | 49 | 23.35 | 23.39 | 23.32 |
| 10 | 16QAM | 25 | 0 | 22.13 | 22.18 | 22.16 |
| 10 | 16QAM | 25 | 12 | 22.16 | 22.17 | 22.16 |
| 10 | 16QAM | 25 | 25 | 22.16 | 22.21 | 22.17 |
| 10 | 16QAM | 50 | 0 | 22.10 | 22.15 | 22.12 |
| 10 | 64QAM | 1 | 0 | 22.19 | 22.20 | 22.18 |
| 10 | 64QAM | 1 | 25 | 22.06 | 22.10 | 22.08 |
| 10 | 64QAM | 1 | 49 | 22.09 | 22.13 | 22.08 |
| 10 | 64QAM | 25 | 0 | 20.94 | 20.97 | 20.91 |
| 10 | 64QAM | 25 | 12 | 21.04 | 21.09 | 21.08 |
| 10 | 64QAM | 25 | 25 | 21.10 | 21.17 | 21.09 |
| 10 | 64QAM | 50 | 0 | 20.97 | 21.04 | 21.03 |



| 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 | 24.11 | 24.13 | 24.07 |
| 5 | QPSK | 1 | 12 | 23.93 | 24.06 | 23.97 |
| 5 | QPSK | 1 | 24 | 23.94 | 24.05 | 23.97 |
| 5 | QPSK | 12 | 0 | 23.05 | 23.07 | 23.10 |
| 5 | QPSK | 12 | 7 | 23.01 | 23.06 | 23.01 |
| 5 | QPSK | 12 | 13 | 22.99 | 23.06 | 23.02 |
| 5 | QPSK | 25 | 0 | 23.04 | 23.04 | 23.01 |
| 5 | 16QAM | 1 | 0 | 23.37 | 23.37 | 23.31 |
| 5 | 16QAM | 1 | 12 | 23.30 | 23.37 | 23.35 |
| 5 | 16QAM | 1 | 24 | 23.28 | 23.36 | 23.30 |
| 5 | 16QAM | 12 | 0 | 22.12 | 22.15 | 22.10 |
| 5 | 16QAM | 12 | 7 | 22.11 | 22.13 | 22.10 |
| 5 | 16QAM | 12 | 13 | 22.12 | 22.15 | 22.16 |
| 5 | 16QAM | 25 | 0 | 22.08 | 22.10 | 22.08 |
| 5 | 64QAM | 1 | 0 | 22.13 | 22.19 | 22.17 |
| 5 | 64QAM | 1 | 12 | 22.05 | 22.08 | 22.07 |
| 5 | 64QAM | 1 | 24 | 22.07 | 22.11 | 22.06 |
| 5 | 64QAM | 12 | 0 | 20.86 | 20.92 | 20.89 |
| 5 | 64QAM | 12 | 7 | 21.00 | 21.07 | 21.00 |
| 5 | 64QAM | 12 | 13 | 21.09 | 21.09 | 21.08 |
| 5 | 64QAM | 25 | 0 | 20.92 | 21.03 | 21.00 |



| 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 | | | | 20415 | 20525 | 20635 |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 |
| 3 | QPSK | 1 | 0 | 24.05 | 24.15 | 24.06 |
| 3 | QPSK | 1 | 8 | 23.93 | 24.06 | 23.95 |
| 3 | QPSK | 1 | 14 | 23.93 | 23.99 | 23.99 |
| 3 | QPSK | 8 | 0 | 23.06 | 23.06 | 23.07 |
| 3 | QPSK | 8 | 4 | 23.01 | 23.09 | 23.02 |
| 3 | QPSK | 8 | 7 | 23.02 | 23.06 | 23.00 |
| 3 | QPSK | 15 | 0 | 23.05 | 23.09 | 23.00 |
| 3 | 16QAM | 1 | 0 | 23.36 | 23.42 | 23.29 |
| 3 | 16QAM | 1 | 8 | 23.35 | 23.40 | 23.36 |
| 3 | 16QAM | 1 | 14 | 23.28 | 23.32 | 23.24 |
| 3 | 16QAM | 8 | 0 | 22.09 | 22.10 | 22.08 |
| 3 | 16QAM | 8 | 4 | 22.15 | 22.09 | 22.09 |
| 3 | 16QAM | 8 | 7 | 22.15 | 22.15 | 22.14 |
| 3 | 16QAM | 15 | 0 | 22.07 | 22.10 | 22.08 |
| 3 | 64QAM | 1 | 0 | 22.18 | 22.18 | 22.14 |
| 3 | 64QAM | 1 | 8 | 22.03 | 22.03 | 22.04 |
| 3 | 64QAM | 1 | 14 | 22.07 | 22.10 | 22.07 |
| 3 | 64QAM | 8 | 0 | 20.87 | 20.90 | 20.89 |
| 3 | 64QAM | 8 | 4 | 20.97 | 21.02 | 21.00 |
| 3 | 64QAM | 8 | 7 | 21.09 | 21.10 | 21.08 |
| 3 | 64QAM | 15 | 0 | 20.93 | 20.98 | 21.00 |



| 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 | 24.09 | 24.09 | 24.08 |
| 1.4 | QPSK | 1 | 3 | 23.98 | 24.06 | 23.99 |
| 1.4 | QPSK | 1 | 5 | 23.96 | 24.05 | 23.98 |
| 1.4 | QPSK | 3 | 0 | 24.01 | 23.98 | 23.93 |
| 1.4 | QPSK | 3 | 1 | 23.86 | 23.94 | 23.93 |
| 1.4 | QPSK | 3 | 3 | 23.88 | 23.98 | 23.92 |
| 1.4 | QPSK | 6 | 0 | 23.01 | 23.05 | 23.05 |
| 1.4 | 16QAM | 1 | 0 | 23.38 | 23.43 | 23.30 |
| 1.4 | 16QAM | 1 | 3 | 23.30 | 23.41 | 23.37 |
| 1.4 | 16QAM | 1 | 5 | 23.33 | 23.31 | 23.24 |
| 1.4 | 16QAM | 3 | 0 | 22.96 | 23.06 | 23.01 |
| 1.4 | 16QAM | 3 | 1 | 23.03 | 23.05 | 23.00 |
| 1.4 | 16QAM | 3 | 3 | 22.98 | 23.06 | 23.02 |
| 1.4 | 16QAM | 6 | 0 | 22.07 | 22.10 | 22.10 |
| 1.4 | 64QAM | 1 | 0 | 22.12 | 22.13 | 22.10 |
| 1.4 | 64QAM | 1 | 3 | 21.99 | 22.05 | 22.07 |
| 1.4 | 64QAM | 1 | 5 | 22.04 | 22.09 | 22.02 |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.80 | 21.75 |
| 1.4 | 64QAM | 3 | 1 | 21.90 | 21.94 | 21.97 |
| 1.4 | 64QAM | 3 | 3 | 21.96 | 22.06 | 21.94 |
| 1.4 | 64QAM | 6 | 0 | 20.95 | 21.01 | 21.00 |



| LTE Band 7 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20850 | 21100 | 21350 |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 |
| 20 | QPSK | 1 | 0 | 22.48 | 22.55 | 22.45 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.45 | 22.42 |
| 20 | QPSK | 1 | 99 | 22.34 | 22.41 | 22.37 |
| 20 | QPSK | 50 | 0 | 21.58 | 21.63 | 21.56 |
| 20 | QPSK | 50 | 24 | 21.56 | 21.60 | 21.54 |
| 20 | QPSK | 50 | 50 | 21.61 | 21.63 | 21.57 |
| 20 | QPSK | 100 | 0 | 21.56 | 21.58 | 21.52 |
| 20 | 16QAM | 1 | 0 | 21.61 | 21.66 | 21.60 |
| 20 | 16QAM | 1 | 49 | 21.71 | 21.72 | 21.70 |
| 20 | 16QAM | 1 | 99 | 21.81 | 21.85 | 21.78 |
| 20 | 16QAM | 50 | 0 | 20.53 | 20.54 | 20.52 |
| 20 | 16QAM | 50 | 24 | 20.52 | 20.60 | 20.54 |
| 20 | 16QAM | 50 | 50 | 20.57 | 20.63 | 20.61 |
| 20 | 16QAM | 100 | 0 | 20.53 | 20.59 | 20.54 |
| 20 | 64QAM | 1 | 0 | 20.51 | 20.58 | 20.57 |
| 20 | 64QAM | 1 | 49 | 20.54 | 20.56 | 20.48 |
| 20 | 64QAM | 1 | 99 | 20.71 | 20.75 | 20.68 |
| 20 | 64QAM | 50 | 0 | 19.56 | 19.58 | 19.52 |
| 20 | 64QAM | 50 | 24 | 19.61 | 19.62 | 19.56 |
| 20 | 64QAM | 50 | 50 | 19.59 | 19.67 | 19.62 |
| 20 | 64QAM | 100 | 0 | 19.58 | 19.60 | 19.54 |



| LTE Band 7 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20825 | 21100 | 21375 |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 |
| 15 | QPSK | 1 | 0 | 22.45 | 22.51 | 22.44 |
| 15 | QPSK | 1 | 37 | 22.32 | 22.40 | 22.40 |
| 15 | QPSK | 1 | 74 | 22.29 | 22.35 | 22.29 |
| 15 | QPSK | 36 | 0 | 21.52 | 21.62 | 21.59 |
| 15 | QPSK | 36 | 20 | 21.48 | 21.57 | 21.48 |
| 15 | QPSK | 36 | 39 | 21.58 | 21.60 | 21.56 |
| 15 | QPSK | 75 | 0 | 21.49 | 21.53 | 21.51 |
| 15 | 16QAM | 1 | 0 | 21.55 | 21.58 | 21.52 |
| 15 | 16QAM | 1 | 37 | 21.69 | 21.66 | 21.67 |
| 15 | 16QAM | 1 | 74 | 21.74 | 21.81 | 21.74 |
| 15 | 16QAM | 36 | 0 | 20.47 | 20.49 | 20.45 |
| 15 | 16QAM | 36 | 20 | 20.47 | 20.56 | 20.49 |
| 15 | 16QAM | 36 | 39 | 20.52 | 20.55 | 20.56 |
| 15 | 16QAM | 75 | 0 | 20.49 | 20.57 | 20.48 |
| 15 | 64QAM | 1 | 0 | 20.47 | 20.56 | 20.55 |
| 15 | 64QAM | 1 | 37 | 20.46 | 20.54 | 20.47 |
| 15 | 64QAM | 1 | 74 | 20.65 | 20.69 | 20.65 |
| 15 | 64QAM | 36 | 0 | 19.53 | 19.53 | 19.48 |
| 15 | 64QAM | 36 | 20 | 19.57 | 19.60 | 19.48 |
| 15 | 64QAM | 36 | 39 | 19.54 | 19.63 | 19.60 |
| 15 | 64QAM | 75 | 0 | 19.51 | 19.59 | 19.49 |



| 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 | | | | 20800 | 21100 | 21400 |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 |
| 10 | QPSK | 1 | 0 | 22.46 | 22.50 | 22.38 |
| 10 | QPSK | 1 | 25 | 22.34 | 22.44 | 22.35 |
| 10 | QPSK | 1 | 49 | 22.26 | 22.39 | 22.34 |
| 10 | QPSK | 25 | 0 | 21.48 | 21.55 | 21.61 |
| 10 | QPSK | 25 | 12 | 21.55 | 21.57 | 21.53 |
| 10 | QPSK | 25 | 25 | 21.59 | 21.57 | 21.52 |
| 10 | QPSK | 50 | 0 | 21.53 | 21.53 | 21.48 |
| 10 | 16QAM | 1 | 0 | 21.56 | 21.60 | 21.58 |
| 10 | 16QAM | 1 | 25 | 21.63 | 21.66 | 21.64 |
| 10 | 16QAM | 1 | 49 | 21.75 | 21.84 | 21.73 |
| 10 | 16QAM | 25 | 0 | 20.49 | 20.48 | 20.48 |
| 10 | 16QAM | 25 | 12 | 20.44 | 20.58 | 20.51 |
| 10 | 16QAM | 25 | 25 | 20.50 | 20.60 | 20.53 |
| 10 | 16QAM | 50 | 0 | 20.46 | 20.51 | 20.51 |
| 10 | 64QAM | 1 | 0 | 20.49 | 20.51 | 20.50 |
| 10 | 64QAM | 1 | 25 | 20.51 | 20.55 | 20.41 |
| 10 | 64QAM | 1 | 49 | 20.66 | 20.70 | 20.64 |
| 10 | 64QAM | 25 | 0 | 19.50 | 19.55 | 19.49 |
| 10 | 64QAM | 25 | 12 | 19.58 | 19.55 | 19.55 |
| 10 | 64QAM | 25 | 25 | 19.54 | 19.60 | 19.56 |
| 10 | 64QAM | 50 | 0 | 19.55 | 19.59 | 19.53 |



| LTE Band 7 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 20775 | 21100 | 21425 |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 |
| 5 | QPSK | 1 | 0 | 22.43 | 22.50 | 22.38 |
| 5 | QPSK | 1 | 12 | 22.29 | 22.38 | 22.38 |
| 5 | QPSK | 1 | 24 | 22.33 | 22.36 | 22.36 |
| 5 | QPSK | 12 | 0 | 21.54 | 21.61 | 21.59 |
| 5 | QPSK | 12 | 7 | 21.55 | 21.56 | 21.52 |
| 5 | QPSK | 12 | 13 | 21.55 | 21.58 | 21.56 |
| 5 | QPSK | 25 | 0 | 21.48 | 21.55 | 21.48 |
| 5 | 16QAM | 1 | 0 | 21.54 | 21.63 | 21.52 |
| 5 | 16QAM | 1 | 12 | 21.69 | 21.66 | 21.66 |
| 5 | 16QAM | 1 | 24 | 21.77 | 21.77 | 21.73 |
| 5 | 16QAM | 12 | 0 | 20.51 | 20.51 | 20.48 |
| 5 | 16QAM | 12 | 7 | 20.50 | 20.57 | 20.48 |
| 5 | 16QAM | 12 | 13 | 20.56 | 20.56 | 20.58 |
| 5 | 16QAM | 25 | 0 | 20.51 | 20.51 | 20.47 |
| 5 | 64QAM | 1 | 0 | 20.44 | 20.54 | 20.55 |
| 5 | 64QAM | 1 | 12 | 20.47 | 20.54 | 20.43 |
| 5 | 64QAM | 1 | 24 | 20.66 | 20.73 | 20.63 |
| 5 | 64QAM | 12 | 0 | 19.54 | 19.51 | 19.48 |
| 5 | 64QAM | 12 | 7 | 19.60 | 19.59 | 19.54 |
| 5 | 64QAM | 12 | 13 | 19.58 | 19.60 | 19.60 |
| 5 | 64QAM | 25 | 0 | 19.51 | 19.53 | 19.53 |



| 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 | 24.13 | 24.17 | 24.15 |
| 10 | QPSK | 1 | 25 | 24.07 | 24.11 | 24.05 |
| 10 | QPSK | 1 | 49 | 24.04 | 24.08 | 24.06 |
| 10 | QPSK | 25 | 0 | 23.24 | 23.28 | 23.25 |
| 10 | QPSK | 25 | 12 | 23.18 | 23.22 | 23.18 |
| 10 | QPSK | 25 | 25 | 23.19 | 23.25 | 23.21 |
| 10 | QPSK | 50 | 0 | 23.10 | 23.18 | 23.15 |
| 10 | 16QAM | 1 | 0 | 23.46 | 23.52 | 23.47 |
| 10 | 16QAM | 1 | 25 | 23.46 | 23.50 | 23.47 |
| 10 | 16QAM | 1 | 49 | 23.41 | 23.48 | 23.45 |
| 10 | 16QAM | 25 | 0 | 22.15 | 22.20 | 22.14 |
| 10 | 16QAM | 25 | 12 | 22.09 | 22.16 | 22.13 |
| 10 | 16QAM | 25 | 25 | 22.17 | 22.23 | 22.21 |
| 10 | 16QAM | 50 | 0 | 22.13 | 22.17 | 22.14 |
| 10 | 64QAM | 1 | 0 | 22.28 | 22.33 | 22.25 |
| 10 | 64QAM | 1 | 25 | 22.24 | 22.32 | 22.30 |
| 10 | 64QAM | 1 | 49 | 22.38 | 22.41 | 22.33 |
| 10 | 64QAM | 25 | 0 | 21.18 | 21.24 | 21.17 |
| 10 | 64QAM | 25 | 12 | 21.19 | 21.21 | 21.19 |
| 10 | 64QAM | 25 | 25 | 21.16 | 21.17 | 21.09 |
| 10 | 64QAM | 50 | 0 | 21.15 | 21.23 | 21.18 |



| LTE Band 12 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23035 | 23095 | 23155 |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 |
| 5 | QPSK | 1 | 0 | 24.11 | 24.15 | 24.11 |
| 5 | QPSK | 1 | 12 | 24.05 | 24.09 | 23.98 |
| 5 | QPSK | 1 | 24 | 23.98 | 24.03 | 24.01 |
| 5 | QPSK | 12 | 0 | 23.17 | 23.27 | 23.16 |
| 5 | QPSK | 12 | 7 | 23.14 | 23.19 | 23.17 |
| 5 | QPSK | 12 | 13 | 23.13 | 23.18 | 23.13 |
| 5 | QPSK | 25 | 0 | 23.07 | 23.15 | 23.07 |
| 5 | 16QAM | 1 | 0 | 23.41 | 23.44 | 23.39 |
| 5 | 16QAM | 1 | 12 | 23.42 | 23.49 | 23.43 |
| 5 | 16QAM | 1 | 24 | 23.37 | 23.45 | 23.39 |
| 5 | 16QAM | 12 | 0 | 22.14 | 22.19 | 22.09 |
| 5 | 16QAM | 12 | 7 | 22.04 | 22.11 | 22.08 |
| 5 | 16QAM | 12 | 13 | 22.09 | 22.20 | 22.20 |
| 5 | 16QAM | 25 | 0 | 22.08 | 22.12 | 22.13 |
| 5 | 64QAM | 1 | 0 | 22.25 | 22.32 | 22.23 |
| 5 | 64QAM | 1 | 12 | 22.22 | 22.30 | 22.22 |
| 5 | 64QAM | 1 | 24 | 22.36 | 22.37 | 22.28 |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.22 | 21.12 |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.19 | 21.15 |
| 5 | 64QAM | 12 | 13 | 21.10 | 21.13 | 21.02 |
| 5 | 64QAM | 25 | 0 | 21.12 | 21.18 | 21.14 |



| 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 | | | | 23025 | 23095 | 23165 |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 |
| 3 | QPSK | 1 | 0 | 24.10 | 24.15 | 24.11 |
| 3 | QPSK | 1 | 8 | 24.03 | 24.06 | 23.98 |
| 3 | QPSK | 1 | 14 | 23.97 | 24.06 | 24.03 |
| 3 | QPSK | 8 | 0 | 23.16 | 23.22 | 23.17 |
| 3 | QPSK | 8 | 4 | 23.15 | 23.21 | 23.15 |
| 3 | QPSK | 8 | 7 | 23.14 | 23.20 | 23.19 |
| 3 | QPSK | 15 | 0 | 23.06 | 23.10 | 23.08 |
| 3 | 16QAM | 1 | 0 | 23.35 | 23.46 | 23.41 |
| 3 | 16QAM | 1 | 8 | 23.40 | 23.44 | 23.44 |
| 3 | 16QAM | 1 | 14 | 23.40 | 23.47 | 23.37 |
| 3 | 16QAM | 8 | 0 | 22.12 | 22.14 | 22.13 |
| 3 | 16QAM | 8 | 4 | 22.07 | 22.15 | 22.06 |
| 3 | 16QAM | 8 | 7 | 22.16 | 22.20 | 22.16 |
| 3 | 16QAM | 15 | 0 | 22.08 | 22.11 | 22.06 |
| 3 | 64QAM | 1 | 0 | 22.27 | 22.25 | 22.19 |
| 3 | 64QAM | 1 | 8 | 22.16 | 22.28 | 22.25 |
| 3 | 64QAM | 1 | 14 | 22.36 | 22.33 | 22.31 |
| 3 | 64QAM | 8 | 0 | 21.11 | 21.19 | 21.14 |
| 3 | 64QAM | 8 | 4 | 21.16 | 21.20 | 21.11 |
| 3 | 64QAM | 8 | 7 | 21.10 | 21.11 | 21.08 |
| 3 | 64QAM | 15 | 0 | 20.69 | 20.79 | 20.73 |



| 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 | 24.02 | 24.11 | 24.09 |
| 1.4 | QPSK | 1 | 3 | 23.96 | 24.01 | 23.98 |
| 1.4 | QPSK | 1 | 5 | 23.97 | 24.00 | 23.99 |
| 1.4 | QPSK | 3 | 0 | 24.00 | 24.10 | 23.99 |
| 1.4 | QPSK | 3 | 1 | 23.96 | 24.03 | 24.01 |
| 1.4 | QPSK | 3 | 3 | 24.03 | 24.07 | 24.01 |
| 1.4 | QPSK | 6 | 0 | 23.03 | 23.05 | 23.07 |
| 1.4 | 16QAM | 1 | 0 | 23.35 | 23.43 | 23.39 |
| 1.4 | 16QAM | 1 | 3 | 23.34 | 23.44 | 23.38 |
| 1.4 | 16QAM | 1 | 5 | 23.29 | 23.35 | 23.33 |
| 1.4 | 16QAM | 3 | 0 | 22.93 | 22.97 | 22.97 |
| 1.4 | 16QAM | 3 | 1 | 22.86 | 23.00 | 22.94 |
| 1.4 | 16QAM | 3 | 3 | 22.94 | 23.04 | 22.99 |
| 1.4 | 16QAM | 6 | 0 | 22.00 | 22.11 | 22.05 |
| 1.4 | 64QAM | 1 | 0 | 22.16 | 22.25 | 22.19 |
| 1.4 | 64QAM | 1 | 3 | 22.11 | 22.24 | 22.17 |
| 1.4 | 64QAM | 1 | 5 | 22.27 | 22.33 | 22.23 |
| 1.4 | 64QAM | 3 | 0 | 21.96 | 22.03 | 21.95 |
| 1.4 | 64QAM | 3 | 1 | 22.01 | 22.02 | 22.01 |
| 1.4 | 64QAM | 3 | 3 | 21.95 | 22.00 | 21.93 |
| 1.4 | 64QAM | 6 | 0 | 20.66 | 20.72 | 20.72 |



| 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 | / | 23.14 | / |
| 10 | QPSK | 1 | 25 | / | 23.12 | / |
| 10 | QPSK | 1 | 49 | / | 23.08 | / |
| 10 | QPSK | 25 | 0 | / | 22.20 | / |
| 10 | QPSK | 25 | 12 | / | 22.21 | / |
| 10 | QPSK | 25 | 25 | / | 22.22 | / |
| 10 | QPSK | 50 | 0 | / | 22.20 | / |
| 10 | 16QAM | 1 | 0 | / | 22.57 | / |
| 10 | 16QAM | 1 | 25 | / | 22.50 | / |
| 10 | 16QAM | 1 | 49 | / | 22.44 | / |
| 10 | 16QAM | 25 | 0 | / | 21.23 | / |
| 10 | 16QAM | 25 | 12 | / | 21.22 | / |
| 10 | 16QAM | 25 | 25 | / | 21.20 | / |
| 10 | 16QAM | 50 | 0 | / | 21.17 | / |
| 10 | 64QAM | 1 | 0 | / | 21.37 | / |
| 10 | 64QAM | 1 | 25 | / | 21.41 | / |
| 10 | 64QAM | 1 | 49 | / | 21.37 | / |
| 10 | 64QAM | 25 | 0 | / | 20.22 | / |
| 10 | 64QAM | 25 | 12 | / | 20.24 | / |
| 10 | 64QAM | 25 | 25 | / | 20.23 | / |
| 10 | 64QAM | 50 | 0 | / | 20.20 | / |



| 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 | 23.11 | 23.06 | 23.07 |
| 5 | QPSK | 1 | 12 | 23.07 | 23.11 | 23.08 |
| 5 | QPSK | 1 | 24 | 23.07 | 23.07 | 23.07 |
| 5 | QPSK | 12 | 0 | 22.18 | 22.13 | 22.13 |
| 5 | QPSK | 12 | 7 | 22.18 | 22.20 | 22.13 |
| 5 | QPSK | 12 | 13 | 22.20 | 22.18 | 22.14 |
| 5 | QPSK | 25 | 0 | 22.18 | 22.12 | 22.18 |
| 5 | 16QAM | 1 | 0 | 22.50 | 22.50 | 22.49 |
| 5 | 16QAM | 1 | 12 | 22.47 | 22.45 | 22.45 |
| 5 | 16QAM | 1 | 24 | 22.39 | 22.36 | 22.42 |
| 5 | 16QAM | 12 | 0 | 21.17 | 21.18 | 21.18 |
| 5 | 16QAM | 12 | 7 | 21.14 | 21.20 | 21.14 |
| 5 | 16QAM | 12 | 13 | 21.15 | 21.12 | 21.18 |
| 5 | 16QAM | 25 | 0 | 21.09 | 21.12 | 21.09 |
| 5 | 64QAM | 1 | 0 | 21.34 | 21.35 | 21.35 |
| 5 | 64QAM | 1 | 12 | 21.39 | 21.33 | 21.39 |
| 5 | 64QAM | 1 | 24 | 21.30 | 21.34 | 21.31 |
| 5 | 64QAM | 12 | 0 | 20.15 | 20.19 | 20.16 |
| 5 | 64QAM | 12 | 7 | 20.16 | 20.20 | 20.20 |
| 5 | 64QAM | 12 | 13 | 20.22 | 20.22 | 20.17 |
| 5 | 64QAM | 25 | 0 | 20.15 | 20.19 | 20.14 |



| 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 | 24.15 | 24.17 | 24.13 |
| 10 | QPSK | 1 | 25 | 24.13 | 24.14 | 24.12 |
| 10 | QPSK | 1 | 49 | 24.04 | 24.12 | 24.11 |
| 10 | QPSK | 25 | 0 | 23.24 | 23.27 | 23.22 |
| 10 | QPSK | 25 | 12 | 23.18 | 23.25 | 23.21 |
| 10 | QPSK | 25 | 25 | 23.15 | 23.23 | 23.15 |
| 10 | QPSK | 50 | 0 | 23.23 | 23.24 | 23.17 |
| 10 | 16QAM | 1 | 0 | 23.44 | 23.47 | 23.41 |
| 10 | 16QAM | 1 | 25 | 23.41 | 23.46 | 23.41 |
| 10 | 16QAM | 1 | 49 | 23.35 | 23.42 | 23.41 |
| 10 | 16QAM | 25 | 0 | 22.25 | 22.33 | 22.26 |
| 10 | 16QAM | 25 | 12 | 22.29 | 22.30 | 22.22 |
| 10 | 16QAM | 25 | 25 | 22.21 | 22.27 | 22.22 |
| 10 | 16QAM | 50 | 0 | 22.23 | 22.25 | 22.18 |
| 10 | 64QAM | 1 | 0 | 22.35 | 22.38 | 22.33 |
| 10 | 64QAM | 1 | 25 | 22.32 | 22.35 | 22.32 |
| 10 | 64QAM | 1 | 49 | 22.27 | 22.33 | 22.29 |
| 10 | 64QAM | 25 | 0 | 21.22 | 21.30 | 21.28 |
| 10 | 64QAM | 25 | 12 | 21.23 | 21.31 | 21.27 |
| 10 | 64QAM | 25 | 25 | 21.25 | 21.27 | 21.25 |
| 10 | 64QAM | 50 | 0 | 21.19 | 21.22 | 21.21 |



| 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 | 24.12 | 24.11 | 24.12 |
| 5 | QPSK | 1 | 12 | 24.08 | 24.09 | 24.06 |
| 5 | QPSK | 1 | 24 | 24.02 | 24.11 | 24.05 |
| 5 | QPSK | 12 | 0 | 23.19 | 23.21 | 23.17 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.19 | 23.13 |
| 5 | QPSK | 12 | 13 | 23.09 | 23.17 | 23.12 |
| 5 | QPSK | 25 | 0 | 23.20 | 23.17 | 23.10 |
| 5 | 16QAM | 1 | 0 | 23.42 | 23.44 | 23.37 |
| 5 | 16QAM | 1 | 12 | 23.33 | 23.42 | 23.37 |
| 5 | 16QAM | 1 | 24 | 23.33 | 23.35 | 23.40 |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.31 | 22.20 |
| 5 | 16QAM | 12 | 7 | 22.23 | 22.25 | 22.18 |
| 5 | 16QAM | 12 | 13 | 22.13 | 22.24 | 22.20 |
| 5 | 16QAM | 25 | 0 | 22.20 | 22.22 | 22.14 |
| 5 | 64QAM | 1 | 0 | 22.31 | 22.34 | 22.27 |
| 5 | 64QAM | 1 | 12 | 22.28 | 22.29 | 22.24 |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.28 | 22.28 |
| 5 | 64QAM | 12 | 0 | 21.21 | 21.29 | 21.23 |
| 5 | 64QAM | 12 | 7 | 21.16 | 21.23 | 21.24 |
| 5 | 64QAM | 12 | 13 | 21.22 | 21.22 | 21.18 |
| 5 | 64QAM | 25 | 0 | 21.12 | 21.14 | 21.13 |



| LTE Band 18 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 23965 | 23970 | 23975 |
| Frequency (MHz) | | | | 826.5 | 827 | 827.5 |
| 5 | QPSK | 1 | 0 | 24.05 | 23.96 | 24.08 |
| 5 | QPSK | 1 | 12 | 23.95 | 23.93 | 24.00 |
| 5 | QPSK | 1 | 24 | 23.99 | 23.94 | 24.01 |
| 5 | QPSK | 12 | 0 | 23.04 | 23.11 | 23.15 |
| 5 | QPSK | 12 | 7 | 22.96 | 23.05 | 23.07 |
| 5 | QPSK | 12 | 13 | 23.13 | 23.10 | 23.18 |
| 5 | QPSK | 25 | 0 | 22.99 | 23.01 | 23.10 |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.25 | 23.34 |
| 5 | 16QAM | 1 | 12 | 23.37 | 23.35 | 23.41 |
| 5 | 16QAM | 1 | 24 | 23.40 | 23.35 | 23.41 |
| 5 | 16QAM | 12 | 0 | 22.10 | 22.09 | 22.12 |
| 5 | 16QAM | 12 | 7 | 22.10 | 22.06 | 22.15 |
| 5 | 16QAM | 12 | 13 | 22.08 | 22.01 | 22.10 |
| 5 | 16QAM | 25 | 0 | 22.05 | 22.00 | 22.09 |
| 5 | 64QAM | 1 | 0 | 22.06 | 22.02 | 22.14 |
| 5 | 64QAM | 1 | 12 | 22.01 | 22.08 | 22.10 |
| 5 | 64QAM | 1 | 24 | 21.96 | 22.01 | 22.08 |
| 5 | 64QAM | 12 | 0 | 21.09 | 21.09 | 21.17 |
| 5 | 64QAM | 12 | 7 | 21.06 | 21.04 | 21.14 |
| 5 | 64QAM | 12 | 13 | 21.10 | 21.11 | 21.12 |
| 5 | 64QAM | 25 | 0 | 21.09 | 21.13 | 21.15 |



| 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 | 23.98 | 24.03 | 23.95 |
| 20 | QPSK | 1 | 49 | 23.88 | 23.92 | 23.85 |
| 20 | QPSK | 1 | 99 | 23.84 | 23.91 | 23.89 |
| 20 | QPSK | 50 | 0 | 23.12 | 23.15 | 23.10 |
| 20 | QPSK | 50 | 24 | 23.07 | 23.12 | 23.08 |
| 20 | QPSK | 50 | 50 | 23.09 | 23.10 | 23.07 |
| 20 | QPSK | 100 | 0 | 23.00 | 23.07 | 22.99 |
| 20 | 16QAM | 1 | 0 | 23.31 | 23.34 | 23.26 |
| 20 | 16QAM | 1 | 49 | 23.21 | 23.29 | 23.26 |
| 20 | 16QAM | 1 | 99 | 23.14 | 23.21 | 23.18 |
| 20 | 16QAM | 50 | 0 | 22.07 | 22.10 | 22.06 |
| 20 | 16QAM | 50 | 24 | 22.04 | 22.07 | 21.99 |
| 20 | 16QAM | 50 | 50 | 22.10 | 22.12 | 22.10 |
| 20 | 16QAM | 100 | 0 | 22.03 | 22.10 | 22.03 |
| 20 | 64QAM | 1 | 0 | 22.18 | 22.20 | 22.18 |
| 20 | 64QAM | 1 | 49 | 22.11 | 22.18 | 22.15 |
| 20 | 64QAM | 1 | 99 | 22.13 | 22.15 | 22.09 |
| 20 | 64QAM | 50 | 0 | 21.20 | 21.23 | 21.16 |
| 20 | 64QAM | 50 | 24 | 21.13 | 21.19 | 21.11 |
| 20 | 64QAM | 50 | 50 | 21.14 | 21.15 | 21.11 |
| 20 | 64QAM | 100 | 0 | 21.06 | 21.12 | 21.10 |



| 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 | 23.94 | 24.00 | 23.94 |
| 15 | QPSK | 1 | 37 | 23.87 | 23.87 | 23.84 |
| 15 | QPSK | 1 | 74 | 23.81 | 23.84 | 23.83 |
| 15 | QPSK | 36 | 0 | 23.08 | 23.08 | 23.09 |
| 15 | QPSK | 36 | 20 | 23.02 | 23.11 | 23.00 |
| 15 | QPSK | 36 | 39 | 23.06 | 23.06 | 23.00 |
| 15 | QPSK | 75 | 0 | 22.98 | 23.01 | 22.96 |
| 15 | 16QAM | 1 | 0 | 23.27 | 23.33 | 23.24 |
| 15 | 16QAM | 1 | 37 | 23.14 | 23.21 | 23.25 |
| 15 | 16QAM | 1 | 74 | 23.07 | 23.20 | 23.15 |
| 15 | 16QAM | 36 | 0 | 22.04 | 22.08 | 22.01 |
| 15 | 16QAM | 36 | 20 | 21.99 | 22.05 | 21.98 |
| 15 | 16QAM | 36 | 39 | 22.07 | 22.11 | 22.09 |
| 15 | 16QAM | 75 | 0 | 21.98 | 22.07 | 21.99 |
| 15 | 64QAM | 1 | 0 | 22.15 | 22.13 | 22.13 |
| 15 | 64QAM | 1 | 37 | 22.04 | 22.10 | 22.14 |
| 15 | 64QAM | 1 | 74 | 22.05 | 22.11 | 22.06 |
| 15 | 64QAM | 36 | 0 | 21.12 | 21.15 | 21.14 |
| 15 | 64QAM | 36 | 20 | 21.09 | 21.16 | 21.07 |
| 15 | 64QAM | 36 | 39 | 21.06 | 21.07 | 21.10 |
| 15 | 64QAM | 75 | 0 | 20.99 | 21.07 | 21.02 |



| 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 | 23.90 | 23.97 | 23.91 |
| 10 | QPSK | 1 | 25 | 23.81 | 23.84 | 23.84 |
| 10 | QPSK | 1 | 49 | 23.78 | 23.86 | 23.81 |
| 10 | QPSK | 25 | 0 | 23.06 | 23.08 | 23.05 |
| 10 | QPSK | 25 | 12 | 23.06 | 23.04 | 23.01 |
| 10 | QPSK | 25 | 25 | 23.08 | 23.09 | 23.04 |
| 10 | QPSK | 50 | 0 | 22.97 | 23.06 | 22.94 |
| 10 | 16QAM | 1 | 0 | 23.26 | 23.28 | 23.22 |
| 10 | 16QAM | 1 | 25 | 23.14 | 23.24 | 23.20 |
| 10 | 16QAM | 1 | 49 | 23.08 | 23.15 | 23.10 |
| 10 | 16QAM | 25 | 0 | 22.05 | 22.05 | 22.05 |
| 10 | 16QAM | 25 | 12 | 21.98 | 22.00 | 21.92 |
| 10 | 16QAM | 25 | 25 | 22.06 | 22.08 | 22.04 |
| 10 | 16QAM | 50 | 0 | 21.99 | 22.09 | 21.97 |
| 10 | 64QAM | 1 | 0 | 22.16 | 22.13 | 22.12 |
| 10 | 64QAM | 1 | 25 | 22.10 | 22.17 | 22.11 |
| 10 | 64QAM | 1 | 49 | 22.08 | 22.12 | 22.01 |
| 10 | 64QAM | 25 | 0 | 21.16 | 21.16 | 21.11 |
| 10 | 64QAM | 25 | 12 | 21.05 | 21.14 | 21.05 |
| 10 | 64QAM | 25 | 25 | 21.06 | 21.11 | 21.06 |
| 10 | 64QAM | 50 | 0 | 21.01 | 21.06 | 21.03 |



| 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 | 23.95 | 23.98 | 23.89 |
| 5 | QPSK | 1 | 12 | 23.83 | 23.91 | 23.82 |
| 5 | QPSK | 1 | 24 | 23.79 | 23.90 | 23.82 |
| 5 | QPSK | 12 | 0 | 23.07 | 23.07 | 23.05 |
| 5 | QPSK | 12 | 7 | 23.00 | 23.11 | 23.04 |
| 5 | QPSK | 12 | 13 | 23.05 | 23.02 | 23.06 |
| 5 | QPSK | 25 | 0 | 22.99 | 23.03 | 22.96 |
| 5 | 16QAM | 1 | 0 | 23.25 | 23.26 | 23.19 |
| 5 | 16QAM | 1 | 12 | 23.16 | 23.25 | 23.24 |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.17 | 23.15 |
| 5 | 16QAM | 12 | 0 | 22.03 | 22.05 | 22.01 |
| 5 | 16QAM | 12 | 7 | 22.00 | 22.05 | 21.97 |
| 5 | 16QAM | 12 | 13 | 22.09 | 22.10 | 22.09 |
| 5 | 16QAM | 25 | 0 | 22.00 | 22.05 | 22.02 |
| 5 | 64QAM | 1 | 0 | 22.16 | 22.16 | 22.17 |
| 5 | 64QAM | 1 | 12 | 22.04 | 22.16 | 22.11 |
| 5 | 64QAM | 1 | 24 | 22.11 | 22.14 | 22.04 |
| 5 | 64QAM | 12 | 0 | 21.13 | 21.17 | 21.09 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.18 | 21.04 |
| 5 | 64QAM | 12 | 13 | 21.13 | 21.13 | 21.10 |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.08 | 21.02 |



| 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 | 23.92 | 23.96 | 23.89 |
| 3 | QPSK | 1 | 8 | 23.84 | 23.89 | 23.84 |
| 3 | QPSK | 1 | 14 | 23.83 | 23.85 | 23.87 |
| 3 | QPSK | 8 | 0 | 23.04 | 23.12 | 23.05 |
| 3 | QPSK | 8 | 4 | 23.02 | 23.06 | 23.07 |
| 3 | QPSK | 8 | 7 | 23.07 | 23.05 | 23.02 |
| 3 | QPSK | 15 | 0 | 22.92 | 23.00 | 22.95 |
| 3 | 16QAM | 1 | 0 | 23.24 | 23.29 | 23.25 |
| 3 | 16QAM | 1 | 8 | 23.20 | 23.25 | 23.21 |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.19 | 23.16 |
| 3 | 16QAM | 8 | 0 | 22.01 | 22.06 | 22.01 |
| 3 | 16QAM | 8 | 4 | 22.02 | 22.01 | 21.95 |
| 3 | 16QAM | 8 | 7 | 22.02 | 22.04 | 22.02 |
| 3 | 16QAM | 15 | 0 | 22.00 | 22.06 | 22.00 |
| 3 | 64QAM | 1 | 0 | 22.11 | 22.16 | 22.15 |
| 3 | 64QAM | 1 | 8 | 22.03 | 22.11 | 22.08 |
| 3 | 64QAM | 1 | 14 | 22.10 | 22.11 | 22.04 |
| 3 | 64QAM | 8 | 0 | 21.16 | 21.19 | 21.13 |
| 3 | 64QAM | 8 | 4 | 21.09 | 21.11 | 21.07 |
| 3 | 64QAM | 8 | 7 | 21.12 | 21.10 | 21.07 |
| 3 | 64QAM | 15 | 0 | 21.00 | 21.07 | 21.08 |



| 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 | 23.93 | 23.96 | 23.93 |
| 1.4 | QPSK | 1 | 3 | 23.85 | 23.87 | 23.79 |
| 1.4 | QPSK | 1 | 5 | 23.80 | 23.84 | 23.81 |
| 1.4 | QPSK | 3 | 0 | 23.95 | 24.02 | 23.94 |
| 1.4 | QPSK | 3 | 1 | 23.92 | 23.95 | 23.96 |
| 1.4 | QPSK | 3 | 3 | 23.94 | 23.97 | 23.96 |
| 1.4 | QPSK | 6 | 0 | 22.95 | 23.01 | 22.92 |
| 1.4 | 16QAM | 1 | 0 | 23.30 | 23.32 | 23.19 |
| 1.4 | 16QAM | 1 | 3 | 23.14 | 23.25 | 23.21 |
| 1.4 | 16QAM | 1 | 5 | 23.06 | 23.15 | 23.16 |
| 1.4 | 16QAM | 3 | 0 | 22.90 | 22.95 | 22.89 |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 22.93 | 22.85 |
| 1.4 | 16QAM | 3 | 3 | 22.97 | 22.97 | 22.92 |
| 1.4 | 16QAM | 6 | 0 | 21.97 | 22.05 | 22.02 |
| 1.4 | 64QAM | 1 | 0 | 22.12 | 22.13 | 22.13 |
| 1.4 | 64QAM | 1 | 3 | 22.05 | 22.17 | 22.12 |
| 1.4 | 64QAM | 1 | 5 | 22.07 | 22.12 | 22.07 |
| 1.4 | 64QAM | 3 | 0 | 22.03 | 22.10 | 22.00 |
| 1.4 | 64QAM | 3 | 1 | 21.97 | 22.02 | 21.99 |
| 1.4 | 64QAM | 3 | 3 | 22.02 | 22.01 | 21.99 |
| 1.4 | 64QAM | 6 | 0 | 21.00 | 21.06 | 21.07 |



| 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 | 24.13 | 24.09 | 24.09 |
| 15 | QPSK | 1 | 37 | 24.11 | 24.07 | 24.10 |
| 15 | QPSK | 1 | 74 | 24.08 | 23.98 | 24.03 |
| 15 | QPSK | 36 | 0 | 23.18 | 23.13 | 23.12 |
| 15 | QPSK | 36 | 20 | 23.16 | 23.06 | 23.15 |
| 15 | QPSK | 36 | 39 | 23.26 | 23.19 | 23.21 |
| 15 | QPSK | 75 | 0 | 23.17 | 23.06 | 23.13 |
| 15 | 16QAM | 1 | 0 | 23.40 | 23.33 | 23.38 |
| 15 | 16QAM | 1 | 37 | 23.44 | 23.37 | 23.39 |
| 15 | 16QAM | 1 | 74 | 23.39 | 23.30 | 23.32 |
| 15 | 16QAM | 36 | 0 | 22.25 | 22.19 | 22.17 |
| 15 | 16QAM | 36 | 20 | 22.17 | 22.05 | 22.09 |
| 15 | 16QAM | 36 | 39 | 22.23 | 22.11 | 22.17 |
| 15 | 16QAM | 75 | 0 | 22.20 | 22.16 | 22.17 |
| 15 | 64QAM | 1 | 0 | 22.27 | 22.23 | 22.23 |
| 15 | 64QAM | 1 | 37 | 22.30 | 22.25 | 22.26 |
| 15 | 64QAM | 1 | 74 | 22.25 | 22.18 | 22.18 |
| 15 | 64QAM | 36 | 0 | 21.22 | 21.13 | 21.21 |
| 15 | 64QAM | 36 | 20 | 21.21 | 21.14 | 21.15 |
| 15 | 64QAM | 36 | 39 | 21.19 | 21.18 | 21.14 |
| 15 | 64QAM | 75 | 0 | 21.20 | 21.17 | 21.15 |



| LTE Band 26 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 26840 | 26915 | 26990 |
| Frequency (MHz) | | | | 829.0 | 836.5 | 844.0 |
| 10 | QPSK | 1 | 0 | 23.96 | 23.99 | 24.04 |
| 10 | QPSK | 1 | 25 | 24.00 | 23.93 | 24.05 |
| 10 | QPSK | 1 | 49 | 23.95 | 23.99 | 24.02 |
| 10 | QPSK | 25 | 0 | 23.05 | 22.94 | 23.06 |
| 10 | QPSK | 25 | 12 | 23.04 | 23.02 | 23.08 |
| 10 | QPSK | 25 | 25 | 23.10 | 23.18 | 23.20 |
| 10 | QPSK | 50 | 0 | 23.03 | 23.06 | 23.07 |
| 10 | 16QAM | 1 | 0 | 23.27 | 23.32 | 23.37 |
| 10 | 16QAM | 1 | 25 | 23.28 | 23.19 | 23.31 |
| 10 | 16QAM | 1 | 49 | 23.20 | 23.22 | 23.27 |
| 10 | 16QAM | 25 | 0 | 22.15 | 22.12 | 22.16 |
| 10 | 16QAM | 25 | 12 | 21.95 | 21.96 | 22.02 |
| 10 | 16QAM | 25 | 25 | 21.99 | 22.03 | 22.09 |
| 10 | 16QAM | 50 | 0 | 22.03 | 22.08 | 22.11 |
| 10 | 64QAM | 1 | 0 | 22.10 | 22.10 | 22.16 |
| 10 | 64QAM | 1 | 25 | 22.13 | 22.12 | 22.20 |
| 10 | 64QAM | 1 | 49 | 22.13 | 22.09 | 22.16 |
| 10 | 64QAM | 25 | 0 | 21.08 | 21.08 | 21.13 |
| 10 | 64QAM | 25 | 12 | 21.05 | 21.08 | 21.13 |
| 10 | 64QAM | 25 | 25 | 21.02 | 20.96 | 21.07 |
| 10 | 64QAM | 50 | 0 | 21.04 | 20.96 | 21.07 |



| 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 | | | | 26815 | 26915 | 27015 |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 |
| 5 | QPSK | 1 | 0 | 23.96 | 24.02 | 24.06 |
| 5 | QPSK | 1 | 12 | 23.97 | 24.02 | 24.09 |
| 5 | QPSK | 1 | 24 | 23.93 | 23.93 | 24.00 |
| 5 | QPSK | 12 | 0 | 23.03 | 23.09 | 23.12 |
| 5 | QPSK | 12 | 7 | 22.98 | 22.99 | 23.09 |
| 5 | QPSK | 12 | 13 | 23.02 | 23.07 | 23.13 |
| 5 | QPSK | 25 | 0 | 22.95 | 22.96 | 23.05 |
| 5 | 16QAM | 1 | 0 | 23.34 | 23.24 | 23.35 |
| 5 | 16QAM | 1 | 12 | 23.25 | 23.24 | 23.34 |
| 5 | 16QAM | 1 | 24 | 23.24 | 23.23 | 23.27 |
| 5 | 16QAM | 12 | 0 | 22.04 | 22.03 | 22.10 |
| 5 | 16QAM | 12 | 7 | 21.94 | 21.91 | 22.03 |
| 5 | 16QAM | 12 | 13 | 22.00 | 21.97 | 22.09 |
| 5 | 16QAM | 25 | 0 | 22.04 | 22.06 | 22.16 |
| 5 | 64QAM | 1 | 0 | 22.21 | 22.13 | 22.22 |
| 5 | 64QAM | 1 | 12 | 22.23 | 22.19 | 22.24 |
| 5 | 64QAM | 1 | 24 | 22.01 | 21.99 | 22.10 |
| 5 | 64QAM | 12 | 0 | 21.11 | 21.16 | 21.17 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.07 | 21.12 |
| 5 | 64QAM | 12 | 13 | 21.07 | 21.01 | 21.08 |
| 5 | 64QAM | 25 | 0 | 21.07 | 21.02 | 21.11 |



| 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 | 23.96 | 23.90 | 24.02 |
| 3 | QPSK | 1 | 8 | 24.01 | 23.98 | 24.09 |
| 3 | QPSK | 1 | 14 | 23.87 | 23.85 | 23.97 |
| 3 | QPSK | 8 | 0 | 22.99 | 23.02 | 23.11 |
| 3 | QPSK | 8 | 4 | 23.06 | 23.03 | 23.08 |
| 3 | QPSK | 8 | 7 | 23.05 | 23.04 | 23.14 |
| 3 | QPSK | 15 | 0 | 22.94 | 23.00 | 23.05 |
| 3 | 16QAM | 1 | 0 | 23.32 | 23.30 | 23.36 |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.27 | 23.32 |
| 3 | 16QAM | 1 | 14 | 23.23 | 23.18 | 23.24 |
| 3 | 16QAM | 8 | 0 | 22.03 | 22.03 | 22.15 |
| 3 | 16QAM | 8 | 4 | 21.99 | 22.00 | 22.02 |
| 3 | 16QAM | 8 | 7 | 22.12 | 22.12 | 22.13 |
| 3 | 16QAM | 15 | 0 | 22.01 | 22.09 | 22.11 |
| 3 | 64QAM | 1 | 0 | 22.14 | 22.11 | 22.19 |
| 3 | 64QAM | 1 | 8 | 22.13 | 22.21 | 22.25 |
| 3 | 64QAM | 1 | 14 | 22.08 | 22.08 | 22.15 |
| 3 | 64QAM | 8 | 0 | 21.10 | 21.14 | 21.17 |
| 3 | 64QAM | 8 | 4 | 20.99 | 20.98 | 21.10 |
| 3 | 64QAM | 8 | 7 | 21.07 | 21.09 | 21.10 |
| 3 | 64QAM | 15 | 0 | 21.08 | 21.02 | 21.09 |



| 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 | 24.01 | 24.06 | 24.08 |
| 1.4 | QPSK | 1 | 3 | 23.99 | 23.92 | 24.02 |
| 1.4 | QPSK | 1 | 5 | 23.83 | 23.90 | 23.95 |
| 1.4 | QPSK | 3 | 0 | 23.83 | 23.84 | 23.91 |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.89 | 23.96 |
| 1.4 | QPSK | 3 | 3 | 23.97 | 23.95 | 24.00 |
| 1.4 | QPSK | 6 | 0 | 23.05 | 23.00 | 23.12 |
| 1.4 | 16QAM | 1 | 0 | 23.30 | 23.35 | 23.36 |
| 1.4 | 16QAM | 1 | 3 | 23.30 | 23.29 | 23.35 |
| 1.4 | 16QAM | 1 | 5 | 23.15 | 23.17 | 23.24 |
| 1.4 | 16QAM | 3 | 0 | 22.92 | 22.94 | 22.95 |
| 1.4 | 16QAM | 3 | 1 | 22.86 | 22.78 | 22.87 |
| 1.4 | 16QAM | 3 | 3 | 22.88 | 22.87 | 22.94 |
| 1.4 | 16QAM | 6 | 0 | 22.08 | 21.99 | 22.11 |
| 1.4 | 64QAM | 1 | 0 | 22.15 | 22.15 | 22.17 |
| 1.4 | 64QAM | 1 | 3 | 22.14 | 22.08 | 22.18 |
| 1.4 | 64QAM | 1 | 5 | 22.07 | 22.09 | 22.17 |
| 1.4 | 64QAM | 3 | 0 | 22.02 | 21.93 | 22.05 |
| 1.4 | 64QAM | 3 | 1 | 21.92 | 21.93 | 21.96 |
| 1.4 | 64QAM | 3 | 3 | 21.93 | 21.90 | 21.94 |
| 1.4 | 64QAM | 6 | 0 | 21.01 | 20.99 | 21.07 |



| LTE Band 38 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 37850 | 38000 | 38150 |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 |
| 20 | QPSK | 1 | 0 | 23.12 | 23.15 | 23.08 |
| 20 | QPSK | 1 | 49 | 23.04 | 23.11 | 23.09 |
| 20 | QPSK | 1 | 99 | 23.07 | 23.10 | 23.08 |
| 20 | QPSK | 50 | 0 | 22.10 | 22.13 | 22.05 |
| 20 | QPSK | 50 | 24 | 22.23 | 22.25 | 22.22 |
| 20 | QPSK | 50 | 50 | 22.16 | 22.21 | 22.19 |
| 20 | QPSK | 100 | 0 | 22.15 | 22.20 | 22.13 |
| 20 | 16QAM | 1 | 0 | 22.31 | 22.36 | 22.32 |
| 20 | 16QAM | 1 | 49 | 22.32 | 22.35 | 22.27 |
| 20 | 16QAM | 1 | 99 | 22.35 | 22.36 | 22.30 |
| 20 | 16QAM | 50 | 0 | 21.22 | 21.28 | 21.20 |
| 20 | 16QAM | 50 | 24 | 21.21 | 21.26 | 21.23 |
| 20 | 16QAM | 50 | 50 | 21.21 | 21.22 | 21.14 |
| 20 | 16QAM | 100 | 0 | 21.21 | 21.24 | 21.23 |
| 20 | 64QAM | 1 | 0 | 21.21 | 21.23 | 21.16 |
| 20 | 64QAM | 1 | 49 | 21.14 | 21.18 | 21.13 |
| 20 | 64QAM | 1 | 99 | 21.12 | 21.17 | 21.13 |
| 20 | 64QAM | 50 | 0 | 20.18 | 20.22 | 20.14 |
| 20 | 64QAM | 50 | 24 | 20.20 | 20.25 | 20.18 |
| 20 | 64QAM | 50 | 50 | 20.25 | 20.28 | 20.23 |
| 20 | 64QAM | 100 | 0 | 20.20 | 20.21 | 20.14 |



| LTE Band 38 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 37825 | 38000 | 38175 |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 |
| 15 | QPSK | 1 | 0 | 23.06 | 23.12 | 23.01 |
| 15 | QPSK | 1 | 37 | 23.00 | 23.07 | 23.08 |
| 15 | QPSK | 1 | 74 | 23.06 | 23.04 | 23.03 |
| 15 | QPSK | 36 | 0 | 22.01 | 22.12 | 22.09 |
| 15 | QPSK | 36 | 20 | 22.20 | 22.17 | 22.18 |
| 15 | QPSK | 36 | 39 | 22.09 | 22.16 | 22.15 |
| 15 | QPSK | 75 | 0 | 22.11 | 22.12 | 22.11 |
| 15 | 16QAM | 1 | 0 | 22.29 | 22.34 | 22.27 |
| 15 | 16QAM | 1 | 37 | 22.31 | 22.33 | 22.24 |
| 15 | 16QAM | 1 | 74 | 22.28 | 22.33 | 22.27 |
| 15 | 16QAM | 36 | 0 | 21.17 | 21.27 | 21.17 |
| 15 | 16QAM | 36 | 20 | 21.18 | 21.21 | 21.20 |
| 15 | 16QAM | 36 | 39 | 21.20 | 21.14 | 21.13 |
| 15 | 16QAM | 75 | 0 | 21.18 | 21.22 | 21.18 |
| 15 | 64QAM | 1 | 0 | 21.18 | 21.17 | 21.13 |
| 15 | 64QAM | 1 | 37 | 21.13 | 21.13 | 21.07 |
| 15 | 64QAM | 1 | 74 | 21.08 | 21.13 | 21.09 |
| 15 | 64QAM | 36 | 0 | 20.14 | 20.14 | 20.11 |
| 15 | 64QAM | 36 | 20 | 20.19 | 20.18 | 20.15 |
| 15 | 64QAM | 36 | 39 | 20.17 | 20.26 | 20.16 |
| 15 | 64QAM | 75 | 0 | 20.16 | 20.13 | 20.06 |



| LTE Band 38 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 37800 | 38000 | 38200 |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 |
| 10 | QPSK | 1 | 0 | 23.07 | 23.10 | 23.00 |
| 10 | QPSK | 1 | 25 | 22.97 | 23.03 | 23.08 |
| 10 | QPSK | 1 | 49 | 23.04 | 23.08 | 23.05 |
| 10 | QPSK | 25 | 0 | 22.08 | 22.09 | 22.05 |
| 10 | QPSK | 25 | 12 | 22.17 | 22.17 | 22.18 |
| 10 | QPSK | 25 | 25 | 22.12 | 22.16 | 22.18 |
| 10 | QPSK | 50 | 0 | 22.14 | 22.14 | 22.09 |
| 10 | 16QAM | 1 | 0 | 22.24 | 22.30 | 22.27 |
| 10 | 16QAM | 1 | 25 | 22.31 | 22.31 | 22.24 |
| 10 | 16QAM | 1 | 49 | 22.28 | 22.29 | 22.22 |
| 10 | 16QAM | 25 | 0 | 21.16 | 21.22 | 21.18 |
| 10 | 16QAM | 25 | 12 | 21.16 | 21.22 | 21.19 |
| 10 | 16QAM | 25 | 25 | 21.18 | 21.18 | 21.12 |
| 10 | 16QAM | 50 | 0 | 21.13 | 21.20 | 21.20 |
| 10 | 64QAM | 1 | 0 | 21.16 | 21.18 | 21.10 |
| 10 | 64QAM | 1 | 25 | 21.13 | 21.10 | 21.09 |
| 10 | 64QAM | 1 | 49 | 21.07 | 21.16 | 21.05 |
| 10 | 64QAM | 25 | 0 | 20.12 | 20.20 | 20.07 |
| 10 | 64QAM | 25 | 12 | 20.19 | 20.23 | 20.15 |
| 10 | 64QAM | 25 | 25 | 20.21 | 20.21 | 20.22 |
| 10 | 64QAM | 50 | 0 | 20.19 | 20.15 | 20.11 |



| LTE Band 38 | | | | | | |
|-----------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 37775 | 38000 | 38225 |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 |
| 5 | QPSK | 1 | 0 | 23.08 | 23.13 | 23.05 |
| 5 | QPSK | 1 | 12 | 22.98 | 23.05 | 23.02 |
| 5 | QPSK | 1 | 24 | 23.02 | 23.02 | 23.07 |
| 5 | QPSK | 12 | 0 | 22.02 | 22.05 | 22.07 |
| 5 | QPSK | 12 | 7 | 22.22 | 22.22 | 22.18 |
| 5 | QPSK | 12 | 13 | 22.08 | 22.15 | 22.18 |
| 5 | QPSK | 25 | 0 | 22.09 | 22.19 | 22.11 |
| 5 | 16QAM | 1 | 0 | 22.24 | 22.31 | 22.26 |
| 5 | 16QAM | 1 | 12 | 22.31 | 22.31 | 22.25 |
| 5 | 16QAM | 1 | 24 | 22.32 | 22.31 | 22.27 |
| 5 | 16QAM | 12 | 0 | 21.18 | 21.26 | 21.14 |
| 5 | 16QAM | 12 | 7 | 21.19 | 21.18 | 21.17 |
| 5 | 16QAM | 12 | 13 | 21.13 | 21.17 | 21.06 |
| 5 | 16QAM | 25 | 0 | 21.20 | 21.21 | 21.15 |
| 5 | 64QAM | 1 | 0 | 21.19 | 21.18 | 21.08 |
| 5 | 64QAM | 1 | 12 | 21.08 | 21.12 | 21.09 |
| 5 | 64QAM | 1 | 24 | 21.06 | 21.10 | 21.07 |
| 5 | 64QAM | 12 | 0 | 20.16 | 20.20 | 20.10 |
| 5 | 64QAM | 12 | 7 | 20.16 | 20.19 | 20.14 |
| 5 | 64QAM | 12 | 13 | 20.24 | 20.22 | 20.21 |
| 5 | 64QAM | 25 | 0 | 20.16 | 20.20 | 20.11 |



| LTE Band 41 (Power Class 2) | | | | | | |
|-----------------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39750 | 40620 | 41490 |
| Frequency (MHz) | | | | 2506 | 2593 | 2680 |
| 20 | QPSK | 1 | 0 | 25.35 | 25.64 | 25.58 |
| 20 | QPSK | 1 | 49 | 25.21 | 25.59 | 25.53 |
| 20 | QPSK | 1 | 99 | 25.28 | 25.62 | 25.55 |
| 20 | QPSK | 50 | 0 | 24.43 | 24.65 | 24.51 |
| 20 | QPSK | 50 | 24 | 24.40 | 24.62 | 24.47 |
| 20 | QPSK | 50 | 50 | 24.30 | 24.58 | 24.50 |
| 20 | QPSK | 100 | 0 | 24.37 | 24.55 | 24.49 |
| 20 | 16QAM | 1 | 0 | 24.56 | 24.93 | 24.91 |
| 20 | 16QAM | 1 | 49 | 24.53 | 24.90 | 24.89 |
| 20 | 16QAM | 1 | 99 | 24.52 | 24.88 | 24.81 |
| 20 | 16QAM | 50 | 0 | 23.48 | 23.83 | 23.75 |
| 20 | 16QAM | 50 | 24 | 23.41 | 23.79 | 23.75 |
| 20 | 16QAM | 50 | 50 | 23.45 | 23.81 | 23.78 |
| 20 | 16QAM | 100 | 0 | 23.40 | 23.77 | 23.71 |
| 20 | 64QAM | 1 | 0 | 23.38 | 23.72 | 23.64 |
| 20 | 64QAM | 1 | 49 | 23.35 | 23.71 | 23.67 |
| 20 | 64QAM | 1 | 99 | 23.40 | 23.76 | 23.71 |
| 20 | 64QAM | 50 | 0 | 22.44 | 22.78 | 22.73 |
| 20 | 64QAM | 50 | 24 | 22.44 | 22.76 | 22.70 |
| 20 | 64QAM | 50 | 50 | 22.49 | 22.80 | 22.79 |
| 20 | 64QAM | 100 | 0 | 22.40 | 22.78 | 22.74 |



| LTE Band 41 (Power Class 2) | | | | | | |
|-----------------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39725 | 40620 | 41515 |
| Frequency (MHz) | | | | 2503.5 | 2593 | 2682.5 |
| 15 | QPSK | 1 | 0 | 25.33 | 25.58 | 25.57 |
| 15 | QPSK | 1 | 37 | 25.14 | 25.53 | 25.52 |
| 15 | QPSK | 1 | 74 | 25.26 | 25.58 | 25.48 |
| 15 | QPSK | 36 | 0 | 24.39 | 24.72 | 24.70 |
| 15 | QPSK | 36 | 20 | 24.34 | 24.68 | 24.59 |
| 15 | QPSK | 36 | 39 | 24.28 | 24.63 | 24.60 |
| 15 | QPSK | 75 | 0 | 24.29 | 24.72 | 24.65 |
| 15 | 16QAM | 1 | 0 | 24.54 | 24.85 | 24.88 |
| 15 | 16QAM | 1 | 37 | 24.51 | 24.83 | 24.81 |
| 15 | 16QAM | 1 | 74 | 24.50 | 24.82 | 24.75 |
| 15 | 16QAM | 36 | 0 | 23.40 | 23.81 | 23.68 |
| 15 | 16QAM | 36 | 20 | 23.36 | 23.71 | 23.72 |
| 15 | 16QAM | 36 | 39 | 23.44 | 23.79 | 23.70 |
| 15 | 16QAM | 75 | 0 | 23.34 | 23.76 | 23.67 |
| 15 | 64QAM | 1 | 0 | 23.35 | 23.68 | 23.63 |
| 15 | 64QAM | 1 | 37 | 23.29 | 23.66 | 23.62 |
| 15 | 64QAM | 1 | 74 | 23.39 | 23.72 | 23.65 |
| 15 | 64QAM | 36 | 0 | 22.42 | 22.74 | 22.72 |
| 15 | 64QAM | 36 | 20 | 22.40 | 22.74 | 22.67 |
| 15 | 64QAM | 36 | 39 | 22.43 | 22.72 | 22.72 |
| 15 | 64QAM | 75 | 0 | 22.35 | 22.74 | 22.69 |



| LTE Band 41 (Power Class 2) | | | | | | |
|-----------------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39700 | 40620 | 41540 |
| Frequency (MHz) | | | | 2501 | 2593 | 2685 |
| 10 | QPSK | 1 | 0 | 25.28 | 25.57 | 25.56 |
| 10 | QPSK | 1 | 25 | 25.17 | 25.57 | 25.48 |
| 10 | QPSK | 1 | 49 | 25.27 | 25.54 | 25.52 |
| 10 | QPSK | 25 | 0 | 24.35 | 24.71 | 24.70 |
| 10 | QPSK | 25 | 12 | 24.37 | 24.66 | 24.64 |
| 10 | QPSK | 25 | 25 | 24.26 | 24.67 | 24.64 |
| 10 | QPSK | 50 | 0 | 24.35 | 24.66 | 24.68 |
| 10 | 16QAM | 1 | 0 | 24.49 | 24.87 | 24.84 |
| 10 | 16QAM | 1 | 25 | 24.47 | 24.89 | 24.88 |
| 10 | 16QAM | 1 | 49 | 24.48 | 24.87 | 24.80 |
| 10 | 16QAM | 25 | 0 | 23.43 | 23.81 | 23.72 |
| 10 | 16QAM | 25 | 12 | 23.40 | 23.71 | 23.72 |
| 10 | 16QAM | 25 | 25 | 23.40 | 23.74 | 23.71 |
| 10 | 16QAM | 50 | 0 | 23.32 | 23.71 | 23.65 |
| 10 | 64QAM | 1 | 0 | 23.31 | 23.68 | 23.61 |
| 10 | 64QAM | 1 | 25 | 23.32 | 23.69 | 23.62 |
| 10 | 64QAM | 1 | 49 | 23.38 | 23.75 | 23.67 |
| 10 | 64QAM | 25 | 0 | 22.39 | 22.72 | 22.68 |
| 10 | 64QAM | 25 | 12 | 22.43 | 22.69 | 22.65 |
| 10 | 64QAM | 25 | 25 | 22.45 | 22.77 | 22.77 |
| 10 | 64QAM | 50 | 0 | 22.35 | 22.76 | 22.71 |



| LTE Band 41 (Power Class 2) | | | | | | |
|-----------------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39675 | 40620 | 41565 |
| Frequency (MHz) | | | | 2498.5 | 2593 | 2687.5 |
| 5 | QPSK | 1 | 0 | 25.33 | 25.58 | 25.51 |
| 5 | QPSK | 1 | 12 | 25.16 | 25.54 | 25.47 |
| 5 | QPSK | 1 | 24 | 25.22 | 25.57 | 25.54 |
| 5 | QPSK | 12 | 0 | 24.41 | 24.74 | 24.65 |
| 5 | QPSK | 12 | 7 | 24.39 | 24.71 | 24.65 |
| 5 | QPSK | 12 | 13 | 24.29 | 24.64 | 24.60 |
| 5 | QPSK | 25 | 0 | 24.29 | 24.72 | 24.69 |
| 5 | 16QAM | 1 | 0 | 24.54 | 24.85 | 24.87 |
| 5 | 16QAM | 1 | 12 | 24.50 | 24.89 | 24.84 |
| 5 | 16QAM | 1 | 24 | 24.44 | 24.82 | 24.80 |
| 5 | 16QAM | 12 | 0 | 23.47 | 23.81 | 23.70 |
| 5 | 16QAM | 12 | 7 | 23.36 | 23.75 | 23.72 |
| 5 | 16QAM | 12 | 13 | 23.44 | 23.76 | 23.75 |
| 5 | 16QAM | 25 | 0 | 23.36 | 23.69 | 23.64 |
| 5 | 64QAM | 1 | 0 | 23.34 | 23.69 | 23.60 |
| 5 | 64QAM | 1 | 12 | 23.31 | 23.64 | 23.60 |
| 5 | 64QAM | 1 | 24 | 23.34 | 23.73 | 23.70 |
| 5 | 64QAM | 12 | 0 | 22.37 | 22.73 | 22.68 |
| 5 | 64QAM | 12 | 7 | 22.38 | 22.73 | 22.63 |
| 5 | 64QAM | 12 | 13 | 22.48 | 22.76 | 22.72 |
| 5 | 64QAM | 25 | 0 | 22.39 | 22.70 | 22.70 |



| LTE Band 41 (Power Class 3) | | | | | | |
|-----------------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39750 | 40620 | 41490 |
| Frequency (MHz) | | | | 2506 | 2593 | 2680 |
| 20 | QPSK | 1 | 0 | 22.79 | 23.16 | 23.11 |
| 20 | QPSK | 1 | 49 | 22.69 | 23.14 | 23.09 |
| 20 | QPSK | 1 | 99 | 22.69 | 23.12 | 23.07 |
| 20 | QPSK | 50 | 0 | 21.70 | 22.18 | 22.13 |
| 20 | QPSK | 50 | 24 | 21.72 | 22.17 | 22.11 |
| 20 | QPSK | 50 | 50 | 21.73 | 22.15 | 22.13 |
| 20 | QPSK | 100 | 0 | 21.71 | 22.18 | 22.12 |
| 20 | 16QAM | 1 | 0 | 21.64 | 22.05 | 22.01 |
| 20 | 16QAM | 1 | 49 | 21.57 | 22.04 | 21.96 |
| 20 | 16QAM | 1 | 99 | 21.70 | 22.14 | 22.13 |
| 20 | 16QAM | 50 | 0 | 20.65 | 21.12 | 21.09 |
| 20 | 16QAM | 50 | 24 | 20.75 | 21.20 | 21.17 |
| 20 | 16QAM | 50 | 50 | 20.76 | 21.18 | 21.17 |
| 20 | 16QAM | 100 | 0 | 20.70 | 21.14 | 21.08 |
| 20 | 64QAM | 1 | 0 | 20.44 | 20.92 | 20.91 |
| 20 | 64QAM | 1 | 49 | 20.41 | 20.88 | 20.81 |
| 20 | 64QAM | 1 | 99 | 20.49 | 20.96 | 20.94 |
| 20 | 64QAM | 50 | 0 | 19.79 | 20.20 | 20.15 |
| 20 | 64QAM | 50 | 24 | 19.86 | 20.27 | 20.21 |
| 20 | 64QAM | 50 | 50 | 19.78 | 20.24 | 20.23 |
| 20 | 64QAM | 100 | 0 | 19.76 | 20.22 | 20.17 |



| LTE Band 41 (Power Class 3) | | | | | | |
|-----------------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39725 | 40620 | 41515 |
| Frequency (MHz) | | | | 2503.5 | 2593 | 2682.5 |
| 15 | QPSK | 1 | 0 | 22.75 | 23.09 | 23.05 |
| 15 | QPSK | 1 | 37 | 22.64 | 23.11 | 23.07 |
| 15 | QPSK | 1 | 74 | 22.65 | 23.10 | 23.06 |
| 15 | QPSK | 36 | 0 | 21.64 | 22.15 | 22.11 |
| 15 | QPSK | 36 | 20 | 21.70 | 22.13 | 22.05 |
| 15 | QPSK | 36 | 39 | 21.69 | 22.13 | 22.07 |
| 15 | QPSK | 75 | 0 | 21.64 | 22.11 | 22.05 |
| 15 | 16QAM | 1 | 0 | 21.63 | 22.02 | 22.00 |
| 15 | 16QAM | 1 | 37 | 21.51 | 22.01 | 21.89 |
| 15 | 16QAM | 1 | 74 | 21.68 | 22.08 | 22.06 |
| 15 | 16QAM | 36 | 0 | 20.59 | 21.07 | 21.08 |
| 15 | 16QAM | 36 | 20 | 20.67 | 21.19 | 21.12 |
| 15 | 16QAM | 36 | 39 | 20.69 | 21.14 | 21.10 |
| 15 | 16QAM | 75 | 0 | 20.65 | 21.09 | 21.03 |
| 15 | 64QAM | 1 | 0 | 20.41 | 20.87 | 20.89 |
| 15 | 64QAM | 1 | 37 | 20.34 | 20.86 | 20.77 |
| 15 | 64QAM | 1 | 74 | 20.43 | 20.94 | 20.87 |
| 15 | 64QAM | 36 | 0 | 19.74 | 20.13 | 20.14 |
| 15 | 64QAM | 36 | 20 | 19.79 | 20.24 | 20.16 |
| 15 | 64QAM | 36 | 39 | 19.75 | 20.17 | 20.15 |
| 15 | 64QAM | 75 | 0 | 19.75 | 20.19 | 20.14 |



| LTE Band 41 (Power Class 3) | | | | | | |
|-----------------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39700 | 40620 | 41540 |
| Frequency (MHz) | | | | 2501 | 2593 | 2685 |
| 10 | QPSK | 1 | 0 | 22.76 | 23.14 | 23.03 |
| 10 | QPSK | 1 | 25 | 22.66 | 23.06 | 23.04 |
| 10 | QPSK | 1 | 49 | 22.61 | 23.11 | 23.06 |
| 10 | QPSK | 25 | 0 | 21.66 | 22.17 | 22.11 |
| 10 | QPSK | 25 | 12 | 21.64 | 22.15 | 22.07 |
| 10 | QPSK | 25 | 25 | 21.68 | 22.08 | 22.09 |
| 10 | QPSK | 50 | 0 | 21.67 | 22.10 | 22.08 |
| 10 | 16QAM | 1 | 0 | 21.56 | 21.97 | 21.99 |
| 10 | 16QAM | 1 | 25 | 21.49 | 21.97 | 21.93 |
| 10 | 16QAM | 1 | 49 | 21.67 | 22.12 | 22.10 |
| 10 | 16QAM | 25 | 0 | 20.59 | 21.09 | 21.05 |
| 10 | 16QAM | 25 | 12 | 20.72 | 21.16 | 21.13 |
| 10 | 16QAM | 25 | 25 | 20.68 | 21.13 | 21.10 |
| 10 | 16QAM | 50 | 0 | 20.64 | 21.10 | 21.00 |
| 10 | 64QAM | 1 | 0 | 20.41 | 20.85 | 20.84 |
| 10 | 64QAM | 1 | 25 | 20.33 | 20.84 | 20.77 |
| 10 | 64QAM | 1 | 49 | 20.44 | 20.94 | 20.86 |
| 10 | 64QAM | 25 | 0 | 19.78 | 20.19 | 20.10 |
| 10 | 64QAM | 25 | 12 | 19.78 | 20.22 | 20.20 |
| 10 | 64QAM | 25 | 25 | 19.76 | 20.16 | 20.22 |
| 10 | 64QAM | 50 | 0 | 19.74 | 20.18 | 20.10 |



| LTE Band 41 (Power Class 3) | | | | | | |
|-----------------------------|------------|---------|-----------|-------------------------------|----------------------------------|--------------------------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Average Power Low Ch. / Freq. | Average Power Middle Ch. / Freq. | Average Power High Ch. / Freq. |
| Channel | | | | 39675 | 40620 | 41565 |
| Frequency (MHz) | | | | 2498.5 | 2593 | 2687.5 |
| 5 | QPSK | 1 | 0 | 22.71 | 23.15 | 23.04 |
| 5 | QPSK | 1 | 12 | 22.67 | 23.08 | 23.01 |
| 5 | QPSK | 1 | 24 | 22.64 | 23.05 | 23.02 |
| 5 | QPSK | 12 | 0 | 21.67 | 22.17 | 22.10 |
| 5 | QPSK | 12 | 7 | 21.67 | 22.13 | 22.03 |
| 5 | QPSK | 12 | 13 | 21.66 | 22.10 | 22.06 |
| 5 | QPSK | 25 | 0 | 21.67 | 22.11 | 22.07 |
| 5 | 16QAM | 1 | 0 | 21.58 | 22.02 | 21.97 |
| 5 | 16QAM | 1 | 12 | 21.56 | 22.00 | 21.89 |
| 5 | 16QAM | 1 | 24 | 21.69 | 22.13 | 22.05 |
| 5 | 16QAM | 12 | 0 | 20.60 | 21.09 | 21.03 |
| 5 | 16QAM | 12 | 7 | 20.69 | 21.18 | 21.12 |
| 5 | 16QAM | 12 | 13 | 20.71 | 21.17 | 21.14 |
| 5 | 16QAM | 25 | 0 | 20.65 | 21.09 | 21.07 |
| 5 | 64QAM | 1 | 0 | 20.43 | 20.87 | 20.85 |
| 5 | 64QAM | 1 | 12 | 20.34 | 20.85 | 20.75 |
| 5 | 64QAM | 1 | 24 | 20.42 | 20.94 | 20.90 |
| 5 | 64QAM | 12 | 0 | 19.78 | 20.15 | 20.10 |
| 5 | 64QAM | 12 | 7 | 19.81 | 20.26 | 20.15 |
| 5 | 64QAM | 12 | 13 | 19.73 | 20.23 | 20.16 |
| 5 | 64QAM | 25 | 0 | 19.69 | 20.17 | 20.09 |



| 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 | 23.79 | 23.90 | 23.81 |
| 20 | QPSK | 1 | 49 | 23.70 | 23.77 | 23.74 |
| 20 | QPSK | 1 | 99 | 23.67 | 23.74 | 23.71 |
| 20 | QPSK | 50 | 0 | 22.79 | 22.81 | 22.78 |
| 20 | QPSK | 50 | 24 | 22.81 | 22.87 | 22.85 |
| 20 | QPSK | 50 | 50 | 22.71 | 22.79 | 22.76 |
| 20 | QPSK | 100 | 0 | 22.84 | 22.85 | 22.81 |
| 20 | 16QAM | 1 | 0 | 23.04 | 23.12 | 23.06 |
| 20 | 16QAM | 1 | 49 | 23.06 | 23.10 | 23.05 |
| 20 | 16QAM | 1 | 99 | 23.00 | 23.07 | 23.01 |
| 20 | 16QAM | 50 | 0 | 21.84 | 21.85 | 21.80 |
| 20 | 16QAM | 50 | 24 | 21.75 | 21.81 | 21.74 |
| 20 | 16QAM | 50 | 50 | 21.81 | 21.85 | 21.82 |
| 20 | 16QAM | 100 | 0 | 21.80 | 21.83 | 21.79 |
| 20 | 64QAM | 1 | 0 | 22.05 | 22.10 | 22.06 |
| 20 | 64QAM | 1 | 49 | 22.04 | 22.07 | 21.99 |
| 20 | 64QAM | 1 | 99 | 22.02 | 22.04 | 21.97 |
| 20 | 64QAM | 50 | 0 | 20.82 | 20.90 | 20.85 |
| 20 | 64QAM | 50 | 24 | 20.80 | 20.88 | 20.82 |
| 20 | 64QAM | 50 | 50 | 20.78 | 20.86 | 20.82 |
| 20 | 64QAM | 100 | 0 | 20.79 | 20.86 | 20.80 |



| 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 | 23.78 | 23.81 | 23.80 |
| 15 | QPSK | 1 | 37 | 23.62 | 23.76 | 23.72 |
| 15 | QPSK | 1 | 74 | 23.60 | 23.66 | 23.68 |
| 15 | QPSK | 36 | 0 | 22.73 | 22.76 | 22.72 |
| 15 | QPSK | 36 | 20 | 22.77 | 22.82 | 22.83 |
| 15 | QPSK | 36 | 39 | 22.66 | 22.74 | 22.70 |
| 15 | QPSK | 75 | 0 | 22.81 | 22.83 | 22.75 |
| 15 | 16QAM | 1 | 0 | 23.00 | 23.11 | 23.02 |
| 15 | 16QAM | 1 | 37 | 23.04 | 23.08 | 23.01 |
| 15 | 16QAM | 1 | 74 | 22.97 | 23.06 | 22.93 |
| 15 | 16QAM | 36 | 0 | 21.79 | 21.83 | 21.78 |
| 15 | 16QAM | 36 | 20 | 21.71 | 21.74 | 21.71 |
| 15 | 16QAM | 36 | 39 | 21.78 | 21.78 | 21.76 |
| 15 | 16QAM | 75 | 0 | 21.74 | 21.77 | 21.74 |
| 15 | 64QAM | 1 | 0 | 21.98 | 22.09 | 22.00 |
| 15 | 64QAM | 1 | 37 | 21.98 | 22.00 | 21.97 |
| 15 | 64QAM | 1 | 74 | 21.98 | 22.03 | 21.95 |
| 15 | 64QAM | 36 | 0 | 20.79 | 20.82 | 20.82 |
| 15 | 64QAM | 36 | 20 | 20.77 | 20.86 | 20.77 |
| 15 | 64QAM | 36 | 39 | 20.75 | 20.81 | 20.80 |
| 15 | 64QAM | 75 | 0 | 20.78 | 20.79 | 20.76 |



| 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 | 23.71 | 23.78 | 23.80 |
| 10 | QPSK | 1 | 25 | 23.65 | 23.75 | 23.68 |
| 10 | QPSK | 1 | 49 | 23.62 | 23.71 | 23.68 |
| 10 | QPSK | 25 | 0 | 22.70 | 22.80 | 22.69 |
| 10 | QPSK | 25 | 12 | 22.79 | 22.86 | 22.79 |
| 10 | QPSK | 25 | 25 | 22.69 | 22.71 | 22.69 |
| 10 | QPSK | 50 | 0 | 22.80 | 22.77 | 22.74 |
| 10 | 16QAM | 1 | 0 | 22.99 | 23.05 | 23.01 |
| 10 | 16QAM | 1 | 25 | 23.01 | 23.04 | 23.02 |
| 10 | 16QAM | 1 | 49 | 22.93 | 22.99 | 22.95 |
| 10 | 16QAM | 25 | 0 | 21.76 | 21.80 | 21.78 |
| 10 | 16QAM | 25 | 12 | 21.72 | 21.74 | 21.72 |
| 10 | 16QAM | 25 | 25 | 21.74 | 21.79 | 21.79 |
| 10 | 16QAM | 50 | 0 | 21.72 | 21.79 | 21.71 |
| 10 | 64QAM | 1 | 0 | 21.97 | 22.06 | 22.02 |
| 10 | 64QAM | 1 | 25 | 22.02 | 22.00 | 21.93 |
| 10 | 64QAM | 1 | 49 | 21.98 | 22.00 | 21.96 |
| 10 | 64QAM | 25 | 0 | 20.78 | 20.84 | 20.84 |
| 10 | 64QAM | 25 | 12 | 20.79 | 20.80 | 20.78 |
| 10 | 64QAM | 25 | 25 | 20.76 | 20.78 | 20.80 |
| 10 | 64QAM | 50 | 0 | 20.74 | 20.84 | 20.76 |



| 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 | 23.74 | 23.82 | 23.79 |
| 5 | QPSK | 1 | 12 | 23.66 | 23.74 | 23.69 |
| 5 | QPSK | 1 | 24 | 23.64 | 23.71 | 23.65 |
| 5 | QPSK | 12 | 0 | 22.74 | 22.80 | 22.73 |
| 5 | QPSK | 12 | 7 | 22.77 | 22.83 | 22.77 |
| 5 | QPSK | 12 | 13 | 22.64 | 22.74 | 22.71 |
| 5 | QPSK | 25 | 0 | 22.81 | 22.78 | 22.77 |
| 5 | 16QAM | 1 | 0 | 22.97 | 23.05 | 23.00 |
| 5 | 16QAM | 1 | 12 | 23.05 | 23.03 | 23.02 |
| 5 | 16QAM | 1 | 24 | 22.93 | 23.01 | 22.99 |
| 5 | 16QAM | 12 | 0 | 21.83 | 21.78 | 21.75 |
| 5 | 16QAM | 12 | 7 | 21.67 | 21.76 | 21.68 |
| 5 | 16QAM | 12 | 13 | 21.74 | 21.79 | 21.74 |
| 5 | 16QAM | 25 | 0 | 21.74 | 21.81 | 21.71 |
| 5 | 64QAM | 1 | 0 | 22.02 | 22.08 | 22.01 |
| 5 | 64QAM | 1 | 12 | 21.96 | 22.06 | 21.91 |
| 5 | 64QAM | 1 | 24 | 21.96 | 21.96 | 21.94 |
| 5 | 64QAM | 12 | 0 | 20.79 | 20.86 | 20.79 |
| 5 | 64QAM | 12 | 7 | 20.77 | 20.83 | 20.80 |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.82 | 20.76 |
| 5 | 64QAM | 25 | 0 | 20.78 | 20.83 | 20.73 |



| 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 | 23.77 | 23.80 | 23.75 |
| 3 | QPSK | 1 | 8 | 23.69 | 23.75 | 23.66 |
| 3 | QPSK | 1 | 14 | 23.62 | 23.67 | 23.70 |
| 3 | QPSK | 8 | 0 | 22.72 | 22.73 | 22.70 |
| 3 | QPSK | 8 | 4 | 22.78 | 22.84 | 22.84 |
| 3 | QPSK | 8 | 7 | 22.68 | 22.72 | 22.71 |
| 3 | QPSK | 15 | 0 | 22.83 | 22.83 | 22.75 |
| 3 | 16QAM | 1 | 0 | 22.99 | 23.05 | 22.98 |
| 3 | 16QAM | 1 | 8 | 23.01 | 23.06 | 23.01 |
| 3 | 16QAM | 1 | 14 | 22.94 | 23.04 | 22.93 |
| 3 | 16QAM | 8 | 0 | 21.79 | 21.83 | 21.77 |
| 3 | 16QAM | 8 | 4 | 21.70 | 21.73 | 21.72 |
| 3 | 16QAM | 8 | 7 | 21.74 | 21.81 | 21.76 |
| 3 | 16QAM | 15 | 0 | 21.75 | 21.79 | 21.75 |
| 3 | 64QAM | 1 | 0 | 21.99 | 22.05 | 22.01 |
| 3 | 64QAM | 1 | 8 | 21.96 | 21.99 | 21.94 |
| 3 | 64QAM | 1 | 14 | 21.96 | 22.00 | 21.91 |
| 3 | 64QAM | 8 | 0 | 20.76 | 20.82 | 20.80 |
| 3 | 64QAM | 8 | 4 | 20.73 | 20.80 | 20.79 |
| 3 | 64QAM | 8 | 7 | 20.72 | 20.78 | 20.81 |
| 3 | 64QAM | 15 | 0 | 20.78 | 20.79 | 20.77 |



| 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 | 23.75 | 23.82 | 23.75 |
| 1.4 | QPSK | 1 | 3 | 23.63 | 23.76 | 23.73 |
| 1.4 | QPSK | 1 | 5 | 23.62 | 23.72 | 23.68 |
| 1.4 | QPSK | 3 | 0 | 23.64 | 23.70 | 23.64 |
| 1.4 | QPSK | 3 | 1 | 23.68 | 23.74 | 23.69 |
| 1.4 | QPSK | 3 | 3 | 23.59 | 23.67 | 23.64 |
| 1.4 | QPSK | 6 | 0 | 22.82 | 22.84 | 22.73 |
| 1.4 | 16QAM | 1 | 0 | 23.02 | 23.04 | 23.04 |
| 1.4 | 16QAM | 1 | 3 | 22.98 | 23.04 | 23.01 |
| 1.4 | 16QAM | 1 | 5 | 22.93 | 23.00 | 22.99 |
| 1.4 | 16QAM | 3 | 0 | 22.69 | 22.70 | 22.63 |
| 1.4 | 16QAM | 3 | 1 | 22.58 | 22.65 | 22.60 |
| 1.4 | 16QAM | 3 | 3 | 22.66 | 22.74 | 22.65 |
| 1.4 | 16QAM | 6 | 0 | 21.75 | 21.82 | 21.74 |
| 1.4 | 64QAM | 1 | 0 | 22.04 | 22.07 | 22.04 |
| 1.4 | 64QAM | 1 | 3 | 22.03 | 22.05 | 21.95 |
| 1.4 | 64QAM | 1 | 5 | 21.96 | 21.99 | 21.90 |
| 1.4 | 64QAM | 3 | 0 | 21.70 | 21.76 | 21.74 |
| 1.4 | 64QAM | 3 | 1 | 21.66 | 21.76 | 21.69 |
| 1.4 | 64QAM | 3 | 3 | 21.62 | 21.73 | 21.71 |
| 1.4 | 64QAM | 6 | 0 | 20.76 | 20.82 | 20.74 |



| 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 | 24.13 | 24.19 | 24.14 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.12 | 24.10 |
| 20 | QPSK | 1 | 99 | 24.09 | 24.13 | 24.12 |
| 20 | QPSK | 50 | 0 | 23.20 | 23.23 | 23.18 |
| 20 | QPSK | 50 | 24 | 23.16 | 23.21 | 23.13 |
| 20 | QPSK | 50 | 50 | 23.15 | 23.18 | 23.13 |
| 20 | QPSK | 100 | 0 | 23.14 | 23.22 | 23.16 |
| 20 | 16QAM | 1 | 0 | 23.42 | 23.47 | 23.41 |
| 20 | 16QAM | 1 | 49 | 23.33 | 23.41 | 23.38 |
| 20 | 16QAM | 1 | 99 | 23.39 | 23.44 | 23.40 |
| 20 | 16QAM | 50 | 0 | 22.22 | 22.26 | 22.23 |
| 20 | 16QAM | 50 | 24 | 22.17 | 22.24 | 22.21 |
| 20 | 16QAM | 50 | 50 | 22.16 | 22.23 | 22.18 |
| 20 | 16QAM | 100 | 0 | 22.22 | 22.25 | 22.19 |
| 20 | 64QAM | 1 | 0 | 22.27 | 22.30 | 22.24 |
| 20 | 64QAM | 1 | 49 | 22.34 | 22.35 | 22.29 |
| 20 | 64QAM | 1 | 99 | 22.32 | 22.33 | 22.28 |
| 20 | 64QAM | 50 | 0 | 21.18 | 21.26 | 21.20 |
| 20 | 64QAM | 50 | 24 | 21.21 | 21.29 | 21.26 |
| 20 | 64QAM | 50 | 50 | 21.17 | 21.24 | 21.20 |
| 20 | 64QAM | 100 | 0 | 21.19 | 21.23 | 21.21 |



| 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 | 24.12 | 24.14 | 24.10 |
| 15 | QPSK | 1 | 37 | 24.01 | 24.08 | 24.05 |
| 15 | QPSK | 1 | 74 | 24.07 | 24.06 | 24.08 |
| 15 | QPSK | 36 | 0 | 23.20 | 23.20 | 23.17 |
| 15 | QPSK | 36 | 20 | 23.08 | 23.18 | 23.08 |
| 15 | QPSK | 36 | 39 | 23.13 | 23.15 | 23.12 |
| 15 | QPSK | 75 | 0 | 23.09 | 23.15 | 23.11 |
| 15 | 16QAM | 1 | 0 | 23.39 | 23.44 | 23.39 |
| 15 | 16QAM | 1 | 37 | 23.30 | 23.37 | 23.35 |
| 15 | 16QAM | 1 | 74 | 23.37 | 23.36 | 23.38 |
| 15 | 16QAM | 36 | 0 | 22.14 | 22.25 | 22.22 |
| 15 | 16QAM | 36 | 20 | 22.13 | 22.18 | 22.18 |
| 15 | 16QAM | 36 | 39 | 22.13 | 22.17 | 22.11 |
| 15 | 16QAM | 75 | 0 | 22.15 | 22.18 | 22.14 |
| 15 | 64QAM | 1 | 0 | 22.19 | 22.29 | 22.17 |
| 15 | 64QAM | 1 | 37 | 22.29 | 22.34 | 22.22 |
| 15 | 64QAM | 1 | 74 | 22.25 | 22.29 | 22.20 |
| 15 | 64QAM | 36 | 0 | 21.14 | 21.23 | 21.15 |
| 15 | 64QAM | 36 | 20 | 21.13 | 21.25 | 21.20 |
| 15 | 64QAM | 36 | 39 | 21.10 | 21.20 | 21.15 |
| 15 | 64QAM | 75 | 0 | 21.17 | 21.18 | 21.15 |



| 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 | | | | 133172 | 133272 | 133422 |
| Frequency (MHz) | | | | 668 | 678 | 693 |
| 10 | QPSK | 1 | 0 | 24.11 | 24.12 | 24.06 |
| 10 | QPSK | 1 | 25 | 23.99 | 24.04 | 24.03 |
| 10 | QPSK | 1 | 49 | 24.01 | 24.05 | 24.11 |
| 10 | QPSK | 25 | 0 | 23.17 | 23.21 | 23.17 |
| 10 | QPSK | 25 | 12 | 23.11 | 23.19 | 23.07 |
| 10 | QPSK | 25 | 25 | 23.12 | 23.11 | 23.08 |
| 10 | QPSK | 50 | 0 | 23.10 | 23.20 | 23.13 |
| 10 | 16QAM | 1 | 0 | 23.41 | 23.40 | 23.34 |
| 10 | 16QAM | 1 | 25 | 23.27 | 23.35 | 23.37 |
| 10 | 16QAM | 1 | 49 | 23.38 | 23.43 | 23.36 |
| 10 | 16QAM | 25 | 0 | 22.19 | 22.25 | 22.21 |
| 10 | 16QAM | 25 | 12 | 22.13 | 22.18 | 22.18 |
| 10 | 16QAM | 25 | 25 | 22.15 | 22.17 | 22.15 |
| 10 | 16QAM | 50 | 0 | 22.20 | 22.22 | 22.14 |
| 10 | 64QAM | 1 | 0 | 22.22 | 22.26 | 22.22 |
| 10 | 64QAM | 1 | 25 | 22.28 | 22.30 | 22.23 |
| 10 | 64QAM | 1 | 49 | 22.29 | 22.29 | 22.22 |
| 10 | 64QAM | 25 | 0 | 21.12 | 21.19 | 21.18 |
| 10 | 64QAM | 25 | 12 | 21.18 | 21.27 | 21.19 |
| 10 | 64QAM | 25 | 25 | 21.11 | 21.21 | 21.14 |
| 10 | 64QAM | 50 | 0 | 21.17 | 21.17 | 21.18 |



| 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 | 24.12 | 24.18 | 24.09 |
| 5 | QPSK | 1 | 12 | 24.00 | 24.06 | 24.08 |
| 5 | QPSK | 1 | 24 | 24.04 | 24.11 | 24.10 |
| 5 | QPSK | 12 | 0 | 23.15 | 23.16 | 23.15 |
| 5 | QPSK | 12 | 7 | 23.10 | 23.18 | 23.11 |
| 5 | QPSK | 12 | 13 | 23.13 | 23.15 | 23.09 |
| 5 | QPSK | 25 | 0 | 23.08 | 23.20 | 23.11 |
| 5 | 16QAM | 1 | 0 | 23.41 | 23.39 | 23.35 |
| 5 | 16QAM | 1 | 12 | 23.31 | 23.38 | 23.31 |
| 5 | 16QAM | 1 | 24 | 23.32 | 23.37 | 23.35 |
| 5 | 16QAM | 12 | 0 | 22.18 | 22.20 | 22.19 |
| 5 | 16QAM | 12 | 7 | 22.11 | 22.22 | 22.16 |
| 5 | 16QAM | 12 | 13 | 22.12 | 22.15 | 22.12 |
| 5 | 16QAM | 25 | 0 | 22.20 | 22.17 | 22.14 |
| 5 | 64QAM | 1 | 0 | 22.24 | 22.25 | 22.18 |
| 5 | 64QAM | 1 | 12 | 22.27 | 22.27 | 22.22 |
| 5 | 64QAM | 1 | 24 | 22.31 | 22.30 | 22.26 |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.19 | 21.13 |
| 5 | 64QAM | 12 | 7 | 21.16 | 21.23 | 21.25 |
| 5 | 64QAM | 12 | 13 | 21.12 | 21.17 | 21.13 |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.18 | 21.15 |



Effective Radiated Power and Effective Isotropic Radiated Power

| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18700 | | 18900 | | 19100 | |
| Frequency (MHz) | | | | 1860 | | 1880 | | 1900 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 24.64 | 0.291 | 24.72 | 0.296 | 24.66 | 0.292 |
| 20 | QPSK | 1 | 49 | 24.57 | 0.286 | 24.63 | 0.290 | 24.59 | 0.288 |
| 20 | QPSK | 1 | 99 | 24.55 | 0.285 | 24.61 | 0.289 | 24.60 | 0.288 |
| 20 | QPSK | 50 | 0 | 23.81 | 0.240 | 23.88 | 0.244 | 23.78 | 0.239 |
| 20 | QPSK | 50 | 24 | 23.78 | 0.239 | 23.84 | 0.242 | 23.80 | 0.240 |
| 20 | QPSK | 50 | 50 | 23.73 | 0.236 | 23.80 | 0.240 | 23.78 | 0.239 |
| 20 | QPSK | 100 | 0 | 23.75 | 0.237 | 23.78 | 0.239 | 23.73 | 0.236 |
| 20 | 16QAM | 1 | 0 | 23.99 | 0.251 | 24.01 | 0.252 | 23.99 | 0.251 |
| 20 | 16QAM | 1 | 49 | 23.96 | 0.249 | 23.98 | 0.250 | 23.90 | 0.245 |
| 20 | 16QAM | 1 | 99 | 23.93 | 0.247 | 23.97 | 0.249 | 23.96 | 0.249 |
| 20 | 16QAM | 50 | 0 | 22.78 | 0.190 | 22.82 | 0.191 | 22.75 | 0.188 |
| 20 | 16QAM | 50 | 24 | 22.80 | 0.191 | 22.81 | 0.191 | 22.74 | 0.188 |
| 20 | 16QAM | 50 | 50 | 22.79 | 0.190 | 22.80 | 0.191 | 22.73 | 0.187 |
| 20 | 16QAM | 100 | 0 | 22.72 | 0.187 | 22.78 | 0.190 | 22.74 | 0.188 |
| 20 | 64QAM | 1 | 0 | 22.85 | 0.193 | 22.92 | 0.196 | 22.89 | 0.195 |
| 20 | 64QAM | 1 | 49 | 22.78 | 0.190 | 22.86 | 0.193 | 22.81 | 0.191 |
| 20 | 64QAM | 1 | 99 | 22.82 | 0.191 | 22.85 | 0.193 | 22.80 | 0.191 |
| 20 | 64QAM | 50 | 0 | 21.85 | 0.153 | 21.86 | 0.153 | 21.78 | 0.151 |
| 20 | 64QAM | 50 | 24 | 21.83 | 0.152 | 21.84 | 0.153 | 21.82 | 0.152 |
| 20 | 64QAM | 50 | 50 | 21.77 | 0.150 | 21.81 | 0.152 | 21.78 | 0.151 |
| 20 | 64QAM | 100 | 0 | 21.72 | 0.149 | 21.78 | 0.151 | 21.72 | 0.149 |



| 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 | 24.61 | 0.289 | 24.67 | 0.293 | 24.60 | 0.288 |
| 15 | QPSK | 1 | 37 | 24.49 | 0.281 | 24.58 | 0.287 | 24.54 | 0.284 |
| 15 | QPSK | 1 | 74 | 24.54 | 0.284 | 24.59 | 0.288 | 24.55 | 0.285 |
| 15 | QPSK | 36 | 0 | 23.79 | 0.239 | 23.84 | 0.242 | 23.81 | 0.240 |
| 15 | QPSK | 36 | 20 | 23.70 | 0.234 | 23.77 | 0.238 | 23.79 | 0.239 |
| 15 | QPSK | 36 | 39 | 23.71 | 0.235 | 23.78 | 0.239 | 23.77 | 0.238 |
| 15 | QPSK | 75 | 0 | 23.73 | 0.236 | 23.70 | 0.234 | 23.66 | 0.232 |
| 15 | 16QAM | 1 | 0 | 23.98 | 0.250 | 23.96 | 0.249 | 23.92 | 0.247 |
| 15 | 16QAM | 1 | 37 | 23.89 | 0.245 | 23.91 | 0.246 | 23.86 | 0.243 |
| 15 | 16QAM | 1 | 74 | 23.85 | 0.243 | 23.89 | 0.245 | 23.91 | 0.246 |
| 15 | 16QAM | 36 | 0 | 22.72 | 0.187 | 22.75 | 0.188 | 22.74 | 0.188 |
| 15 | 16QAM | 36 | 20 | 22.75 | 0.188 | 22.80 | 0.191 | 22.68 | 0.185 |
| 15 | 16QAM | 36 | 39 | 22.77 | 0.189 | 22.74 | 0.188 | 22.65 | 0.184 |
| 15 | 16QAM | 75 | 0 | 22.67 | 0.185 | 22.77 | 0.189 | 22.69 | 0.186 |
| 15 | 64QAM | 1 | 0 | 22.81 | 0.191 | 22.85 | 0.193 | 22.85 | 0.193 |
| 15 | 64QAM | 1 | 37 | 22.77 | 0.189 | 22.85 | 0.193 | 22.73 | 0.187 |
| 15 | 64QAM | 1 | 74 | 22.80 | 0.191 | 22.83 | 0.192 | 22.79 | 0.190 |
| 15 | 64QAM | 36 | 0 | 21.83 | 0.152 | 21.81 | 0.152 | 21.73 | 0.149 |
| 15 | 64QAM | 36 | 20 | 21.81 | 0.152 | 21.80 | 0.151 | 21.76 | 0.150 |
| 15 | 64QAM | 36 | 39 | 21.75 | 0.150 | 21.80 | 0.151 | 21.71 | 0.148 |
| 15 | 64QAM | 75 | 0 | 21.68 | 0.147 | 21.71 | 0.148 | 21.66 | 0.147 |



| 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 | 24.60 | 0.288 | 24.71 | 0.296 | 24.63 | 0.290 |
| 10 | QPSK | 1 | 25 | 24.50 | 0.282 | 24.58 | 0.287 | 24.53 | 0.284 |
| 10 | QPSK | 1 | 49 | 24.48 | 0.281 | 24.57 | 0.286 | 24.52 | 0.283 |
| 10 | QPSK | 25 | 0 | 23.84 | 0.242 | 23.81 | 0.240 | 23.81 | 0.240 |
| 10 | QPSK | 25 | 12 | 23.77 | 0.238 | 23.79 | 0.239 | 23.76 | 0.238 |
| 10 | QPSK | 25 | 25 | 23.71 | 0.235 | 23.72 | 0.236 | 23.74 | 0.237 |
| 10 | QPSK | 50 | 0 | 23.68 | 0.233 | 23.77 | 0.238 | 23.69 | 0.234 |
| 10 | 16QAM | 1 | 0 | 23.92 | 0.247 | 23.93 | 0.247 | 23.95 | 0.248 |
| 10 | 16QAM | 1 | 25 | 23.93 | 0.247 | 23.91 | 0.246 | 23.82 | 0.241 |
| 10 | 16QAM | 1 | 49 | 23.87 | 0.244 | 23.91 | 0.246 | 23.88 | 0.244 |
| 10 | 16QAM | 25 | 0 | 22.75 | 0.188 | 22.79 | 0.190 | 22.69 | 0.186 |
| 10 | 16QAM | 25 | 12 | 22.76 | 0.189 | 22.75 | 0.188 | 22.69 | 0.186 |
| 10 | 16QAM | 25 | 25 | 22.76 | 0.189 | 22.79 | 0.190 | 22.69 | 0.186 |
| 10 | 16QAM | 50 | 0 | 22.65 | 0.184 | 22.76 | 0.189 | 22.70 | 0.186 |
| 10 | 64QAM | 1 | 0 | 22.83 | 0.192 | 22.88 | 0.194 | 22.86 | 0.193 |
| 10 | 64QAM | 1 | 25 | 22.75 | 0.188 | 22.82 | 0.191 | 22.74 | 0.188 |
| 10 | 64QAM | 1 | 49 | 22.79 | 0.190 | 22.84 | 0.192 | 22.76 | 0.189 |
| 10 | 64QAM | 25 | 0 | 21.84 | 0.153 | 21.85 | 0.153 | 21.71 | 0.148 |
| 10 | 64QAM | 25 | 12 | 21.79 | 0.151 | 21.76 | 0.150 | 21.79 | 0.151 |
| 10 | 64QAM | 25 | 25 | 21.75 | 0.150 | 21.80 | 0.151 | 21.77 | 0.150 |
| 10 | 64QAM | 50 | 0 | 21.68 | 0.147 | 21.76 | 0.150 | 21.65 | 0.146 |



| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18625 | | 18900 | | 19175 | |
| Frequency (MHz) | | | | 1852.5 | | 1880 | | 1907.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 24.58 | 0.287 | 24.65 | 0.292 | 24.62 | 0.290 |
| 5 | QPSK | 1 | 12 | 24.52 | 0.283 | 24.62 | 0.290 | 24.53 | 0.284 |
| 5 | QPSK | 1 | 24 | 24.48 | 0.281 | 24.53 | 0.284 | 24.57 | 0.286 |
| 5 | QPSK | 12 | 0 | 23.80 | 0.240 | 23.81 | 0.240 | 23.79 | 0.239 |
| 5 | QPSK | 12 | 7 | 23.71 | 0.235 | 23.76 | 0.238 | 23.72 | 0.236 |
| 5 | QPSK | 12 | 13 | 23.69 | 0.234 | 23.78 | 0.239 | 23.74 | 0.237 |
| 5 | QPSK | 25 | 0 | 23.73 | 0.236 | 23.71 | 0.235 | 23.68 | 0.233 |
| 5 | 16QAM | 1 | 0 | 23.97 | 0.249 | 23.93 | 0.247 | 23.95 | 0.248 |
| 5 | 16QAM | 1 | 12 | 23.90 | 0.245 | 23.97 | 0.249 | 23.87 | 0.244 |
| 5 | 16QAM | 1 | 24 | 23.85 | 0.243 | 23.90 | 0.245 | 23.89 | 0.245 |
| 5 | 16QAM | 12 | 0 | 22.71 | 0.187 | 22.78 | 0.190 | 22.68 | 0.185 |
| 5 | 16QAM | 12 | 7 | 22.78 | 0.190 | 22.80 | 0.191 | 22.69 | 0.186 |
| 5 | 16QAM | 12 | 13 | 22.75 | 0.188 | 22.74 | 0.188 | 22.72 | 0.187 |
| 5 | 16QAM | 25 | 0 | 22.67 | 0.185 | 22.77 | 0.189 | 22.71 | 0.187 |
| 5 | 64QAM | 1 | 0 | 22.80 | 0.191 | 22.90 | 0.195 | 22.87 | 0.194 |
| 5 | 64QAM | 1 | 12 | 22.77 | 0.189 | 22.81 | 0.191 | 22.77 | 0.189 |
| 5 | 64QAM | 1 | 24 | 22.80 | 0.191 | 22.84 | 0.192 | 22.75 | 0.188 |
| 5 | 64QAM | 12 | 0 | 21.83 | 0.152 | 21.84 | 0.153 | 21.77 | 0.150 |
| 5 | 64QAM | 12 | 7 | 21.80 | 0.151 | 21.76 | 0.150 | 21.77 | 0.150 |
| 5 | 64QAM | 12 | 13 | 21.71 | 0.148 | 21.74 | 0.149 | 21.70 | 0.148 |
| 5 | 64QAM | 25 | 0 | 21.69 | 0.148 | 21.71 | 0.148 | 21.67 | 0.147 |



| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18615 | | 18900 | | 19185 | |
| Frequency (MHz) | | | | 1851.5 | | 1880 | | 1908.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 3 | QPSK | 1 | 0 | 24.60 | 0.288 | 24.66 | 0.292 | 24.61 | 0.289 |
| 3 | QPSK | 1 | 8 | 24.53 | 0.284 | 24.55 | 0.285 | 24.57 | 0.286 |
| 3 | QPSK | 1 | 14 | 24.53 | 0.284 | 24.58 | 0.287 | 24.55 | 0.285 |
| 3 | QPSK | 8 | 0 | 23.81 | 0.240 | 23.84 | 0.242 | 23.82 | 0.241 |
| 3 | QPSK | 8 | 4 | 23.71 | 0.235 | 23.82 | 0.241 | 23.73 | 0.236 |
| 3 | QPSK | 8 | 7 | 23.72 | 0.236 | 23.76 | 0.238 | 23.75 | 0.237 |
| 3 | QPSK | 15 | 0 | 23.67 | 0.233 | 23.74 | 0.237 | 23.66 | 0.232 |
| 3 | 16QAM | 1 | 0 | 23.98 | 0.250 | 23.96 | 0.249 | 23.98 | 0.250 |
| 3 | 16QAM | 1 | 8 | 23.95 | 0.248 | 23.96 | 0.249 | 23.89 | 0.245 |
| 3 | 16QAM | 1 | 14 | 23.86 | 0.243 | 23.90 | 0.245 | 23.88 | 0.244 |
| 3 | 16QAM | 8 | 0 | 22.77 | 0.189 | 22.78 | 0.190 | 22.71 | 0.187 |
| 3 | 16QAM | 8 | 4 | 22.73 | 0.187 | 22.78 | 0.190 | 22.71 | 0.187 |
| 3 | 16QAM | 8 | 7 | 22.74 | 0.188 | 22.74 | 0.188 | 22.72 | 0.187 |
| 3 | 16QAM | 15 | 0 | 22.67 | 0.185 | 22.76 | 0.189 | 22.72 | 0.187 |
| 3 | 64QAM | 1 | 0 | 22.80 | 0.191 | 22.84 | 0.192 | 22.84 | 0.192 |
| 3 | 64QAM | 1 | 8 | 22.71 | 0.187 | 22.81 | 0.191 | 22.76 | 0.189 |
| 3 | 64QAM | 1 | 14 | 22.75 | 0.188 | 22.83 | 0.192 | 22.75 | 0.188 |
| 3 | 64QAM | 8 | 0 | 21.79 | 0.151 | 21.85 | 0.153 | 21.70 | 0.148 |
| 3 | 64QAM | 8 | 4 | 21.80 | 0.151 | 21.80 | 0.151 | 21.80 | 0.151 |
| 3 | 64QAM | 8 | 7 | 21.76 | 0.150 | 21.80 | 0.151 | 21.77 | 0.150 |
| 3 | 64QAM | 15 | 0 | 21.70 | 0.148 | 21.77 | 0.150 | 21.69 | 0.148 |



| LTE Band 2 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 18607 | | 18900 | | 19193 | |
| Frequency (MHz) | | | | 1850.7 | | 1880 | | 1909.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 24.56 | 0.286 | 24.71 | 0.296 | 24.63 | 0.290 |
| 1.4 | QPSK | 1 | 3 | 24.50 | 0.282 | 24.57 | 0.286 | 24.56 | 0.286 |
| 1.4 | QPSK | 1 | 5 | 24.47 | 0.280 | 24.58 | 0.287 | 24.56 | 0.286 |
| 1.4 | QPSK | 3 | 0 | 24.53 | 0.284 | 24.62 | 0.290 | 24.59 | 0.288 |
| 1.4 | QPSK | 3 | 1 | 24.65 | 0.292 | 24.68 | 0.294 | 24.58 | 0.287 |
| 1.4 | QPSK | 3 | 3 | 24.59 | 0.288 | 24.63 | 0.290 | 24.60 | 0.288 |
| 1.4 | QPSK | 6 | 0 | 23.67 | 0.233 | 23.77 | 0.238 | 23.69 | 0.234 |
| 1.4 | 16QAM | 1 | 0 | 23.95 | 0.248 | 23.94 | 0.248 | 23.91 | 0.246 |
| 1.4 | 16QAM | 1 | 3 | 23.95 | 0.248 | 23.92 | 0.247 | 23.88 | 0.244 |
| 1.4 | 16QAM | 1 | 5 | 23.86 | 0.243 | 23.95 | 0.248 | 23.95 | 0.248 |
| 1.4 | 16QAM | 3 | 0 | 23.75 | 0.237 | 23.80 | 0.240 | 23.72 | 0.236 |
| 1.4 | 16QAM | 3 | 1 | 23.73 | 0.236 | 23.77 | 0.238 | 23.69 | 0.234 |
| 1.4 | 16QAM | 3 | 3 | 23.74 | 0.237 | 23.78 | 0.239 | 23.67 | 0.233 |
| 1.4 | 16QAM | 6 | 0 | 22.68 | 0.185 | 22.77 | 0.189 | 22.66 | 0.185 |
| 1.4 | 64QAM | 1 | 0 | 22.83 | 0.192 | 22.88 | 0.194 | 22.87 | 0.194 |
| 1.4 | 64QAM | 1 | 3 | 22.75 | 0.188 | 22.79 | 0.190 | 22.76 | 0.189 |
| 1.4 | 64QAM | 1 | 5 | 22.75 | 0.188 | 22.79 | 0.190 | 22.76 | 0.189 |
| 1.4 | 64QAM | 3 | 0 | 22.84 | 0.192 | 22.78 | 0.190 | 22.71 | 0.187 |
| 1.4 | 64QAM | 3 | 1 | 22.81 | 0.191 | 22.79 | 0.190 | 22.76 | 0.189 |
| 1.4 | 64QAM | 3 | 3 | 22.74 | 0.188 | 22.75 | 0.188 | 22.73 | 0.187 |
| 1.4 | 64QAM | 6 | 0 | 21.67 | 0.147 | 21.73 | 0.149 | 21.65 | 0.146 |



| 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 | 25.73 | 0.374 | 25.78 | 0.378 | 25.72 | 0.373 |
| 20 | QPSK | 1 | 49 | 25.64 | 0.366 | 25.67 | 0.369 | 25.66 | 0.368 |
| 20 | QPSK | 1 | 99 | 25.56 | 0.360 | 25.63 | 0.366 | 25.61 | 0.364 |
| 20 | QPSK | 50 | 0 | 24.80 | 0.302 | 24.84 | 0.305 | 24.77 | 0.300 |
| 20 | QPSK | 50 | 24 | 24.78 | 0.301 | 24.80 | 0.302 | 24.73 | 0.297 |
| 20 | QPSK | 50 | 50 | 24.63 | 0.290 | 24.71 | 0.296 | 24.67 | 0.293 |
| 20 | QPSK | 100 | 0 | 24.74 | 0.298 | 24.76 | 0.299 | 24.73 | 0.297 |
| 20 | 16QAM | 1 | 0 | 25.01 | 0.317 | 25.04 | 0.319 | 25.00 | 0.316 |
| 20 | 16QAM | 1 | 49 | 24.98 | 0.315 | 25.02 | 0.318 | 24.97 | 0.314 |
| 20 | 16QAM | 1 | 99 | 24.91 | 0.310 | 24.99 | 0.316 | 24.95 | 0.313 |
| 20 | 16QAM | 50 | 0 | 23.84 | 0.242 | 23.85 | 0.243 | 23.84 | 0.242 |
| 20 | 16QAM | 50 | 24 | 23.76 | 0.238 | 23.80 | 0.240 | 23.79 | 0.239 |
| 20 | 16QAM | 50 | 50 | 23.66 | 0.232 | 23.70 | 0.234 | 23.66 | 0.232 |
| 20 | 16QAM | 100 | 0 | 23.71 | 0.235 | 23.79 | 0.239 | 23.74 | 0.237 |
| 20 | 64QAM | 1 | 0 | 23.94 | 0.248 | 23.95 | 0.248 | 23.93 | 0.247 |
| 20 | 64QAM | 1 | 49 | 23.83 | 0.242 | 23.90 | 0.245 | 23.87 | 0.244 |
| 20 | 64QAM | 1 | 99 | 23.83 | 0.242 | 23.87 | 0.244 | 23.85 | 0.243 |
| 20 | 64QAM | 50 | 0 | 22.82 | 0.191 | 22.86 | 0.193 | 22.79 | 0.190 |
| 20 | 64QAM | 50 | 24 | 22.77 | 0.189 | 22.82 | 0.191 | 22.78 | 0.190 |
| 20 | 64QAM | 50 | 50 | 22.69 | 0.186 | 22.77 | 0.189 | 22.71 | 0.187 |
| 20 | 64QAM | 100 | 0 | 22.72 | 0.187 | 22.80 | 0.191 | 22.77 | 0.189 |



| 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 | 25.70 | 0.372 | 25.74 | 0.375 | 25.68 | 0.370 |
| 15 | QPSK | 1 | 37 | 25.62 | 0.365 | 25.66 | 0.368 | 25.60 | 0.363 |
| 15 | QPSK | 1 | 74 | 25.52 | 0.356 | 25.62 | 0.365 | 25.57 | 0.361 |
| 15 | QPSK | 36 | 0 | 24.73 | 0.297 | 24.78 | 0.301 | 24.75 | 0.299 |
| 15 | QPSK | 36 | 20 | 24.74 | 0.298 | 24.78 | 0.301 | 24.70 | 0.295 |
| 15 | QPSK | 36 | 39 | 24.62 | 0.290 | 24.70 | 0.295 | 24.63 | 0.290 |
| 15 | QPSK | 75 | 0 | 24.66 | 0.292 | 24.75 | 0.299 | 24.66 | 0.292 |
| 15 | 16QAM | 1 | 0 | 24.97 | 0.314 | 24.97 | 0.314 | 24.93 | 0.311 |
| 15 | 16QAM | 1 | 37 | 24.90 | 0.309 | 24.95 | 0.313 | 24.93 | 0.311 |
| 15 | 16QAM | 1 | 74 | 24.90 | 0.309 | 24.97 | 0.314 | 24.88 | 0.308 |
| 15 | 16QAM | 36 | 0 | 23.83 | 0.242 | 23.77 | 0.238 | 23.78 | 0.239 |
| 15 | 16QAM | 36 | 20 | 23.74 | 0.237 | 23.79 | 0.239 | 23.72 | 0.236 |
| 15 | 16QAM | 36 | 39 | 23.62 | 0.230 | 23.66 | 0.232 | 23.62 | 0.230 |
| 15 | 16QAM | 75 | 0 | 23.68 | 0.233 | 23.77 | 0.238 | 23.70 | 0.234 |
| 15 | 64QAM | 1 | 0 | 23.92 | 0.247 | 23.94 | 0.248 | 23.89 | 0.245 |
| 15 | 64QAM | 1 | 37 | 23.80 | 0.240 | 23.87 | 0.244 | 23.82 | 0.241 |
| 15 | 64QAM | 1 | 74 | 23.78 | 0.239 | 23.82 | 0.241 | 23.82 | 0.241 |
| 15 | 64QAM | 36 | 0 | 22.80 | 0.191 | 22.84 | 0.192 | 22.77 | 0.189 |
| 15 | 64QAM | 36 | 20 | 22.73 | 0.187 | 22.74 | 0.188 | 22.77 | 0.189 |
| 15 | 64QAM | 36 | 39 | 22.63 | 0.183 | 22.75 | 0.188 | 22.63 | 0.183 |
| 15 | 64QAM | 75 | 0 | 22.71 | 0.187 | 22.72 | 0.187 | 22.70 | 0.186 |



| 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 | 25.68 | 0.370 | 25.70 | 0.372 | 25.66 | 0.368 |
| 10 | QPSK | 1 | 25 | 25.59 | 0.362 | 25.66 | 0.368 | 25.59 | 0.362 |
| 10 | QPSK | 1 | 49 | 25.53 | 0.357 | 25.61 | 0.364 | 25.58 | 0.361 |
| 10 | QPSK | 25 | 0 | 24.73 | 0.297 | 24.77 | 0.300 | 24.72 | 0.296 |
| 10 | QPSK | 25 | 12 | 24.74 | 0.298 | 24.77 | 0.300 | 24.71 | 0.296 |
| 10 | QPSK | 25 | 25 | 24.55 | 0.285 | 24.70 | 0.295 | 24.59 | 0.288 |
| 10 | QPSK | 50 | 0 | 24.69 | 0.294 | 24.72 | 0.296 | 24.72 | 0.296 |
| 10 | 16QAM | 1 | 0 | 25.00 | 0.316 | 24.99 | 0.316 | 24.99 | 0.316 |
| 10 | 16QAM | 1 | 25 | 24.93 | 0.311 | 25.00 | 0.316 | 24.93 | 0.311 |
| 10 | 16QAM | 1 | 49 | 24.84 | 0.305 | 24.96 | 0.313 | 24.92 | 0.310 |
| 10 | 16QAM | 25 | 0 | 23.82 | 0.241 | 23.83 | 0.242 | 23.81 | 0.240 |
| 10 | 16QAM | 25 | 12 | 23.75 | 0.237 | 23.76 | 0.238 | 23.75 | 0.237 |
| 10 | 16QAM | 25 | 25 | 23.64 | 0.231 | 23.69 | 0.234 | 23.60 | 0.229 |
| 10 | 16QAM | 50 | 0 | 23.63 | 0.231 | 23.75 | 0.237 | 23.72 | 0.236 |
| 10 | 64QAM | 1 | 0 | 23.87 | 0.244 | 23.93 | 0.247 | 23.89 | 0.245 |
| 10 | 64QAM | 1 | 25 | 23.76 | 0.238 | 23.83 | 0.242 | 23.82 | 0.241 |
| 10 | 64QAM | 1 | 49 | 23.75 | 0.237 | 23.81 | 0.240 | 23.80 | 0.240 |
| 10 | 64QAM | 25 | 0 | 22.81 | 0.191 | 22.79 | 0.190 | 22.75 | 0.188 |
| 10 | 64QAM | 25 | 12 | 22.74 | 0.188 | 22.76 | 0.189 | 22.71 | 0.187 |
| 10 | 64QAM | 25 | 25 | 22.61 | 0.182 | 22.69 | 0.186 | 22.66 | 0.185 |
| 10 | 64QAM | 50 | 0 | 22.67 | 0.185 | 22.76 | 0.189 | 22.70 | 0.186 |



| 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 | 25.70 | 0.372 | 25.71 | 0.372 | 25.69 | 0.371 |
| 5 | QPSK | 1 | 12 | 25.58 | 0.361 | 25.62 | 0.365 | 25.60 | 0.363 |
| 5 | QPSK | 1 | 24 | 25.52 | 0.356 | 25.56 | 0.360 | 25.55 | 0.359 |
| 5 | QPSK | 12 | 0 | 24.76 | 0.299 | 24.83 | 0.304 | 24.72 | 0.296 |
| 5 | QPSK | 12 | 7 | 24.77 | 0.300 | 24.75 | 0.299 | 24.68 | 0.294 |
| 5 | QPSK | 12 | 13 | 24.58 | 0.287 | 24.69 | 0.294 | 24.59 | 0.288 |
| 5 | QPSK | 25 | 0 | 24.72 | 0.296 | 24.72 | 0.296 | 24.66 | 0.292 |
| 5 | 16QAM | 1 | 0 | 24.98 | 0.315 | 24.99 | 0.316 | 24.96 | 0.313 |
| 5 | 16QAM | 1 | 12 | 24.97 | 0.314 | 24.99 | 0.316 | 24.96 | 0.313 |
| 5 | 16QAM | 1 | 24 | 24.88 | 0.308 | 24.98 | 0.315 | 24.90 | 0.309 |
| 5 | 16QAM | 12 | 0 | 23.81 | 0.240 | 23.84 | 0.242 | 23.76 | 0.238 |
| 5 | 16QAM | 12 | 7 | 23.68 | 0.233 | 23.74 | 0.237 | 23.74 | 0.237 |
| 5 | 16QAM | 12 | 13 | 23.58 | 0.228 | 23.65 | 0.232 | 23.58 | 0.228 |
| 5 | 16QAM | 25 | 0 | 23.70 | 0.234 | 23.74 | 0.237 | 23.70 | 0.234 |
| 5 | 64QAM | 1 | 0 | 23.93 | 0.247 | 23.90 | 0.245 | 23.91 | 0.246 |
| 5 | 64QAM | 1 | 12 | 23.77 | 0.238 | 23.88 | 0.244 | 23.83 | 0.242 |
| 5 | 64QAM | 1 | 24 | 23.80 | 0.240 | 23.82 | 0.241 | 23.77 | 0.238 |
| 5 | 64QAM | 12 | 0 | 22.74 | 0.188 | 22.80 | 0.191 | 22.78 | 0.190 |
| 5 | 64QAM | 12 | 7 | 22.69 | 0.186 | 22.80 | 0.191 | 22.74 | 0.188 |
| 5 | 64QAM | 12 | 13 | 22.68 | 0.185 | 22.69 | 0.186 | 22.66 | 0.185 |
| 5 | 64QAM | 25 | 0 | 22.65 | 0.184 | 22.75 | 0.188 | 22.70 | 0.186 |



| 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 | 25.65 | 0.367 | 25.76 | 0.377 | 25.71 | 0.372 |
| 3 | QPSK | 1 | 8 | 25.59 | 0.362 | 25.64 | 0.366 | 25.60 | 0.363 |
| 3 | QPSK | 1 | 14 | 25.49 | 0.354 | 25.62 | 0.365 | 25.57 | 0.361 |
| 3 | QPSK | 8 | 0 | 24.78 | 0.301 | 24.83 | 0.304 | 24.74 | 0.298 |
| 3 | QPSK | 8 | 4 | 24.70 | 0.295 | 24.74 | 0.298 | 24.65 | 0.292 |
| 3 | QPSK | 8 | 7 | 24.58 | 0.287 | 24.69 | 0.294 | 24.61 | 0.289 |
| 3 | QPSK | 15 | 0 | 24.73 | 0.297 | 24.71 | 0.296 | 24.66 | 0.292 |
| 3 | 16QAM | 1 | 0 | 24.96 | 0.313 | 24.96 | 0.313 | 24.94 | 0.312 |
| 3 | 16QAM | 1 | 8 | 24.94 | 0.312 | 25.01 | 0.317 | 24.89 | 0.308 |
| 3 | 16QAM | 1 | 14 | 24.86 | 0.306 | 24.94 | 0.312 | 24.89 | 0.308 |
| 3 | 16QAM | 8 | 0 | 23.81 | 0.240 | 23.80 | 0.240 | 23.79 | 0.239 |
| 3 | 16QAM | 8 | 4 | 23.69 | 0.234 | 23.79 | 0.239 | 23.71 | 0.235 |
| 3 | 16QAM | 8 | 7 | 23.65 | 0.232 | 23.62 | 0.230 | 23.58 | 0.228 |
| 3 | 16QAM | 15 | 0 | 23.68 | 0.233 | 23.71 | 0.235 | 23.66 | 0.232 |
| 3 | 64QAM | 1 | 0 | 23.93 | 0.247 | 23.91 | 0.246 | 23.86 | 0.243 |
| 3 | 64QAM | 1 | 8 | 23.80 | 0.240 | 23.83 | 0.242 | 23.79 | 0.239 |
| 3 | 64QAM | 1 | 14 | 23.75 | 0.237 | 23.86 | 0.243 | 23.79 | 0.239 |
| 3 | 64QAM | 8 | 0 | 22.78 | 0.190 | 22.84 | 0.192 | 22.71 | 0.187 |
| 3 | 64QAM | 8 | 4 | 22.76 | 0.189 | 22.75 | 0.188 | 22.70 | 0.186 |
| 3 | 64QAM | 8 | 7 | 22.64 | 0.184 | 22.70 | 0.186 | 22.65 | 0.184 |
| 3 | 64QAM | 15 | 0 | 22.66 | 0.185 | 22.78 | 0.190 | 22.71 | 0.187 |



| 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 | 25.70 | 0.372 | 25.76 | 0.377 | 25.68 | 0.370 |
| 1.4 | QPSK | 1 | 3 | 25.58 | 0.361 | 25.60 | 0.363 | 25.60 | 0.363 |
| 1.4 | QPSK | 1 | 5 | 25.51 | 0.356 | 25.61 | 0.364 | 25.58 | 0.361 |
| 1.4 | QPSK | 3 | 0 | 25.59 | 0.362 | 25.68 | 0.370 | 25.62 | 0.365 |
| 1.4 | QPSK | 3 | 1 | 25.62 | 0.365 | 25.63 | 0.366 | 25.55 | 0.359 |
| 1.4 | QPSK | 3 | 3 | 25.43 | 0.349 | 25.48 | 0.353 | 25.49 | 0.354 |
| 1.4 | QPSK | 6 | 0 | 24.67 | 0.293 | 24.71 | 0.296 | 24.65 | 0.292 |
| 1.4 | 16QAM | 1 | 0 | 25.00 | 0.316 | 24.98 | 0.315 | 24.93 | 0.311 |
| 1.4 | 16QAM | 1 | 3 | 24.90 | 0.309 | 24.98 | 0.315 | 24.92 | 0.310 |
| 1.4 | 16QAM | 1 | 5 | 24.85 | 0.305 | 24.98 | 0.315 | 24.94 | 0.312 |
| 1.4 | 16QAM | 3 | 0 | 24.65 | 0.292 | 24.63 | 0.290 | 24.67 | 0.293 |
| 1.4 | 16QAM | 3 | 1 | 24.60 | 0.288 | 24.64 | 0.291 | 24.56 | 0.286 |
| 1.4 | 16QAM | 3 | 3 | 24.45 | 0.279 | 24.54 | 0.284 | 24.48 | 0.281 |
| 1.4 | 16QAM | 6 | 0 | 23.70 | 0.234 | 23.75 | 0.237 | 23.66 | 0.232 |
| 1.4 | 64QAM | 1 | 0 | 23.88 | 0.244 | 23.90 | 0.245 | 23.90 | 0.245 |
| 1.4 | 64QAM | 1 | 3 | 23.81 | 0.240 | 23.86 | 0.243 | 23.79 | 0.239 |
| 1.4 | 64QAM | 1 | 5 | 23.82 | 0.241 | 23.83 | 0.242 | 23.81 | 0.240 |
| 1.4 | 64QAM | 3 | 0 | 23.60 | 0.229 | 23.63 | 0.231 | 23.57 | 0.228 |
| 1.4 | 64QAM | 3 | 1 | 23.55 | 0.226 | 23.60 | 0.229 | 23.55 | 0.226 |
| 1.4 | 64QAM | 3 | 3 | 23.52 | 0.225 | 23.57 | 0.228 | 23.49 | 0.223 |
| 1.4 | 64QAM | 6 | 0 | 22.68 | 0.185 | 22.72 | 0.187 | 22.70 | 0.186 |



| 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 | 20.28 | 0.107 | 20.31 | 0.107 | 20.27 | 0.106 |
| 10 | QPSK | 1 | 25 | 20.15 | 0.104 | 20.23 | 0.105 | 20.15 | 0.104 |
| 10 | QPSK | 1 | 49 | 20.13 | 0.103 | 20.21 | 0.105 | 20.19 | 0.104 |
| 10 | QPSK | 25 | 0 | 19.26 | 0.084 | 19.29 | 0.085 | 19.23 | 0.084 |
| 10 | QPSK | 25 | 12 | 19.18 | 0.083 | 19.26 | 0.084 | 19.22 | 0.084 |
| 10 | QPSK | 25 | 25 | 19.20 | 0.083 | 19.24 | 0.084 | 19.23 | 0.084 |
| 10 | QPSK | 50 | 0 | 19.23 | 0.084 | 19.27 | 0.085 | 19.23 | 0.084 |
| 10 | 16QAM | 1 | 0 | 19.56 | 0.090 | 19.60 | 0.091 | 19.52 | 0.090 |
| 10 | 16QAM | 1 | 25 | 19.51 | 0.089 | 19.57 | 0.091 | 19.53 | 0.090 |
| 10 | 16QAM | 1 | 49 | 19.50 | 0.089 | 19.54 | 0.090 | 19.47 | 0.089 |
| 10 | 16QAM | 25 | 0 | 18.28 | 0.067 | 18.33 | 0.068 | 18.31 | 0.068 |
| 10 | 16QAM | 25 | 12 | 18.31 | 0.068 | 18.32 | 0.068 | 18.31 | 0.068 |
| 10 | 16QAM | 25 | 25 | 18.31 | 0.068 | 18.36 | 0.069 | 18.32 | 0.068 |
| 10 | 16QAM | 50 | 0 | 18.25 | 0.067 | 18.30 | 0.068 | 18.27 | 0.067 |
| 10 | 64QAM | 1 | 0 | 18.34 | 0.068 | 18.35 | 0.068 | 18.33 | 0.068 |
| 10 | 64QAM | 1 | 25 | 18.21 | 0.066 | 18.25 | 0.067 | 18.23 | 0.067 |
| 10 | 64QAM | 1 | 49 | 18.24 | 0.067 | 18.28 | 0.067 | 18.23 | 0.067 |
| 10 | 64QAM | 25 | 0 | 17.09 | 0.051 | 17.12 | 0.052 | 17.06 | 0.051 |
| 10 | 64QAM | 25 | 12 | 17.19 | 0.052 | 17.24 | 0.053 | 17.23 | 0.053 |
| 10 | 64QAM | 25 | 25 | 17.25 | 0.053 | 17.32 | 0.054 | 17.24 | 0.053 |
| 10 | 64QAM | 50 | 0 | 17.12 | 0.052 | 17.19 | 0.052 | 17.18 | 0.052 |



| 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 | 20.26 | 0.106 | 20.28 | 0.107 | 20.22 | 0.105 |
| 5 | QPSK | 1 | 12 | 20.08 | 0.102 | 20.21 | 0.105 | 20.12 | 0.103 |
| 5 | QPSK | 1 | 24 | 20.09 | 0.102 | 20.20 | 0.105 | 20.12 | 0.103 |
| 5 | QPSK | 12 | 0 | 19.20 | 0.083 | 19.22 | 0.084 | 19.25 | 0.084 |
| 5 | QPSK | 12 | 7 | 19.16 | 0.082 | 19.21 | 0.083 | 19.16 | 0.082 |
| 5 | QPSK | 12 | 13 | 19.14 | 0.082 | 19.21 | 0.083 | 19.17 | 0.083 |
| 5 | QPSK | 25 | 0 | 19.19 | 0.083 | 19.19 | 0.083 | 19.16 | 0.082 |
| 5 | 16QAM | 1 | 0 | 19.52 | 0.090 | 19.52 | 0.090 | 19.46 | 0.088 |
| 5 | 16QAM | 1 | 12 | 19.45 | 0.088 | 19.52 | 0.090 | 19.50 | 0.089 |
| 5 | 16QAM | 1 | 24 | 19.43 | 0.088 | 19.51 | 0.089 | 19.45 | 0.088 |
| 5 | 16QAM | 12 | 0 | 18.27 | 0.067 | 18.30 | 0.068 | 18.25 | 0.067 |
| 5 | 16QAM | 12 | 7 | 18.26 | 0.067 | 18.28 | 0.067 | 18.25 | 0.067 |
| 5 | 16QAM | 12 | 13 | 18.27 | 0.067 | 18.30 | 0.068 | 18.31 | 0.068 |
| 5 | 16QAM | 25 | 0 | 18.23 | 0.067 | 18.25 | 0.067 | 18.23 | 0.067 |
| 5 | 64QAM | 1 | 0 | 18.28 | 0.067 | 18.34 | 0.068 | 18.32 | 0.068 |
| 5 | 64QAM | 1 | 12 | 18.20 | 0.066 | 18.23 | 0.067 | 18.22 | 0.066 |
| 5 | 64QAM | 1 | 24 | 18.22 | 0.066 | 18.26 | 0.067 | 18.21 | 0.066 |
| 5 | 64QAM | 12 | 0 | 17.01 | 0.050 | 17.07 | 0.051 | 17.04 | 0.051 |
| 5 | 64QAM | 12 | 7 | 17.15 | 0.052 | 17.22 | 0.053 | 17.15 | 0.052 |
| 5 | 64QAM | 12 | 13 | 17.24 | 0.053 | 17.24 | 0.053 | 17.23 | 0.053 |
| 5 | 64QAM | 25 | 0 | 17.07 | 0.051 | 17.18 | 0.052 | 17.15 | 0.052 |



| 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 | 20.20 | 0.105 | 20.30 | 0.107 | 20.21 | 0.105 |
| 3 | QPSK | 1 | 8 | 20.08 | 0.102 | 20.21 | 0.105 | 20.10 | 0.102 |
| 3 | QPSK | 1 | 14 | 20.08 | 0.102 | 20.14 | 0.103 | 20.14 | 0.103 |
| 3 | QPSK | 8 | 0 | 19.21 | 0.083 | 19.21 | 0.083 | 19.22 | 0.084 |
| 3 | QPSK | 8 | 4 | 19.16 | 0.082 | 19.24 | 0.084 | 19.17 | 0.083 |
| 3 | QPSK | 8 | 7 | 19.17 | 0.083 | 19.21 | 0.083 | 19.15 | 0.082 |
| 3 | QPSK | 15 | 0 | 19.20 | 0.083 | 19.24 | 0.084 | 19.15 | 0.082 |
| 3 | 16QAM | 1 | 0 | 19.51 | 0.089 | 19.57 | 0.091 | 19.44 | 0.088 |
| 3 | 16QAM | 1 | 8 | 19.50 | 0.089 | 19.55 | 0.090 | 19.51 | 0.089 |
| 3 | 16QAM | 1 | 14 | 19.43 | 0.088 | 19.47 | 0.089 | 19.39 | 0.087 |
| 3 | 16QAM | 8 | 0 | 18.24 | 0.067 | 18.25 | 0.067 | 18.23 | 0.067 |
| 3 | 16QAM | 8 | 4 | 18.30 | 0.068 | 18.24 | 0.067 | 18.24 | 0.067 |
| 3 | 16QAM | 8 | 7 | 18.30 | 0.068 | 18.30 | 0.068 | 18.29 | 0.067 |
| 3 | 16QAM | 15 | 0 | 18.22 | 0.066 | 18.25 | 0.067 | 18.23 | 0.067 |
| 3 | 64QAM | 1 | 0 | 18.33 | 0.068 | 18.33 | 0.068 | 18.29 | 0.067 |
| 3 | 64QAM | 1 | 8 | 18.18 | 0.066 | 18.18 | 0.066 | 18.19 | 0.066 |
| 3 | 64QAM | 1 | 14 | 18.22 | 0.066 | 18.25 | 0.067 | 18.22 | 0.066 |
| 3 | 64QAM | 8 | 0 | 17.02 | 0.050 | 17.05 | 0.051 | 17.04 | 0.051 |
| 3 | 64QAM | 8 | 4 | 17.12 | 0.052 | 17.17 | 0.052 | 17.15 | 0.052 |
| 3 | 64QAM | 8 | 7 | 17.24 | 0.053 | 17.25 | 0.053 | 17.23 | 0.053 |
| 3 | 64QAM | 15 | 0 | 17.08 | 0.051 | 17.13 | 0.052 | 17.15 | 0.052 |



| 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 | 20.24 | 0.106 | 20.24 | 0.106 | 20.23 | 0.105 |
| 1.4 | QPSK | 1 | 3 | 20.13 | 0.103 | 20.21 | 0.105 | 20.14 | 0.103 |
| 1.4 | QPSK | 1 | 5 | 20.11 | 0.103 | 20.20 | 0.105 | 20.13 | 0.103 |
| 1.4 | QPSK | 3 | 0 | 20.16 | 0.104 | 20.13 | 0.103 | 20.08 | 0.102 |
| 1.4 | QPSK | 3 | 1 | 20.01 | 0.100 | 20.09 | 0.102 | 20.08 | 0.102 |
| 1.4 | QPSK | 3 | 3 | 20.03 | 0.101 | 20.13 | 0.103 | 20.07 | 0.102 |
| 1.4 | QPSK | 6 | 0 | 19.16 | 0.082 | 19.20 | 0.083 | 19.20 | 0.083 |
| 1.4 | 16QAM | 1 | 0 | 19.53 | 0.090 | 19.58 | 0.091 | 19.45 | 0.088 |
| 1.4 | 16QAM | 1 | 3 | 19.45 | 0.088 | 19.56 | 0.090 | 19.52 | 0.090 |
| 1.4 | 16QAM | 1 | 5 | 19.48 | 0.089 | 19.46 | 0.088 | 19.39 | 0.087 |
| 1.4 | 16QAM | 3 | 0 | 19.11 | 0.081 | 19.21 | 0.083 | 19.16 | 0.082 |
| 1.4 | 16QAM | 3 | 1 | 19.18 | 0.083 | 19.20 | 0.083 | 19.15 | 0.082 |
| 1.4 | 16QAM | 3 | 3 | 19.13 | 0.082 | 19.21 | 0.083 | 19.17 | 0.083 |
| 1.4 | 16QAM | 6 | 0 | 18.22 | 0.066 | 18.25 | 0.067 | 18.25 | 0.067 |
| 1.4 | 64QAM | 1 | 0 | 18.27 | 0.067 | 18.28 | 0.067 | 18.25 | 0.067 |
| 1.4 | 64QAM | 1 | 3 | 18.14 | 0.065 | 18.20 | 0.066 | 18.22 | 0.066 |
| 1.4 | 64QAM | 1 | 5 | 18.19 | 0.066 | 18.24 | 0.067 | 18.17 | 0.066 |
| 1.4 | 64QAM | 3 | 0 | 17.93 | 0.062 | 17.95 | 0.062 | 17.90 | 0.062 |
| 1.4 | 64QAM | 3 | 1 | 18.05 | 0.064 | 18.09 | 0.064 | 18.12 | 0.065 |
| 1.4 | 64QAM | 3 | 3 | 18.11 | 0.065 | 18.21 | 0.066 | 18.09 | 0.064 |
| 1.4 | 64QAM | 6 | 0 | 17.10 | 0.051 | 17.16 | 0.052 | 17.15 | 0.052 |



| LTE Band 7 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20850 | | 21100 | | 21350 | |
| Frequency (MHz) | | | | 2510 | | 2535 | | 2560 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 24.98 | 0.315 | 25.05 | 0.320 | 24.95 | 0.313 |
| 20 | QPSK | 1 | 49 | 24.87 | 0.307 | 24.95 | 0.313 | 24.92 | 0.310 |
| 20 | QPSK | 1 | 99 | 24.84 | 0.305 | 24.91 | 0.310 | 24.87 | 0.307 |
| 20 | QPSK | 50 | 0 | 24.08 | 0.256 | 24.13 | 0.259 | 24.06 | 0.255 |
| 20 | QPSK | 50 | 24 | 24.06 | 0.255 | 24.10 | 0.257 | 24.04 | 0.254 |
| 20 | QPSK | 50 | 50 | 24.11 | 0.258 | 24.13 | 0.259 | 24.07 | 0.255 |
| 20 | QPSK | 100 | 0 | 24.06 | 0.255 | 24.08 | 0.256 | 24.02 | 0.252 |
| 20 | 16QAM | 1 | 0 | 24.11 | 0.258 | 24.16 | 0.261 | 24.10 | 0.257 |
| 20 | 16QAM | 1 | 49 | 24.21 | 0.264 | 24.22 | 0.264 | 24.20 | 0.263 |
| 20 | 16QAM | 1 | 99 | 24.31 | 0.270 | 24.35 | 0.272 | 24.28 | 0.268 |
| 20 | 16QAM | 50 | 0 | 23.03 | 0.201 | 23.04 | 0.201 | 23.02 | 0.200 |
| 20 | 16QAM | 50 | 24 | 23.02 | 0.200 | 23.10 | 0.204 | 23.04 | 0.201 |
| 20 | 16QAM | 50 | 50 | 23.07 | 0.203 | 23.13 | 0.206 | 23.11 | 0.205 |
| 20 | 16QAM | 100 | 0 | 23.03 | 0.201 | 23.09 | 0.204 | 23.04 | 0.201 |
| 20 | 64QAM | 1 | 0 | 23.01 | 0.200 | 23.08 | 0.203 | 23.07 | 0.203 |
| 20 | 64QAM | 1 | 49 | 23.04 | 0.201 | 23.06 | 0.202 | 22.98 | 0.199 |
| 20 | 64QAM | 1 | 99 | 23.21 | 0.209 | 23.25 | 0.211 | 23.18 | 0.208 |
| 20 | 64QAM | 50 | 0 | 22.06 | 0.161 | 22.08 | 0.161 | 22.02 | 0.159 |
| 20 | 64QAM | 50 | 24 | 22.11 | 0.163 | 22.12 | 0.163 | 22.06 | 0.161 |
| 20 | 64QAM | 50 | 50 | 22.09 | 0.162 | 22.17 | 0.165 | 22.12 | 0.163 |
| 20 | 64QAM | 100 | 0 | 22.08 | 0.161 | 22.10 | 0.162 | 22.04 | 0.160 |



| LTE Band 7 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20825 | | 21100 | | 21375 | |
| Frequency (MHz) | | | | 2507.5 | | 2535 | | 2562.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 24.95 | 0.313 | 25.01 | 0.317 | 24.94 | 0.312 |
| 15 | QPSK | 1 | 37 | 24.82 | 0.303 | 24.90 | 0.309 | 24.90 | 0.309 |
| 15 | QPSK | 1 | 74 | 24.79 | 0.301 | 24.85 | 0.305 | 24.79 | 0.301 |
| 15 | QPSK | 36 | 0 | 24.02 | 0.252 | 24.12 | 0.258 | 24.09 | 0.256 |
| 15 | QPSK | 36 | 20 | 23.98 | 0.250 | 24.07 | 0.255 | 23.98 | 0.250 |
| 15 | QPSK | 36 | 39 | 24.08 | 0.256 | 24.10 | 0.257 | 24.06 | 0.255 |
| 15 | QPSK | 75 | 0 | 23.99 | 0.251 | 24.03 | 0.253 | 24.01 | 0.252 |
| 15 | 16QAM | 1 | 0 | 24.05 | 0.254 | 24.08 | 0.256 | 24.02 | 0.252 |
| 15 | 16QAM | 1 | 37 | 24.19 | 0.262 | 24.16 | 0.261 | 24.17 | 0.261 |
| 15 | 16QAM | 1 | 74 | 24.24 | 0.265 | 24.31 | 0.270 | 24.24 | 0.265 |
| 15 | 16QAM | 36 | 0 | 22.97 | 0.198 | 22.99 | 0.199 | 22.95 | 0.197 |
| 15 | 16QAM | 36 | 20 | 22.97 | 0.198 | 23.06 | 0.202 | 22.99 | 0.199 |
| 15 | 16QAM | 36 | 39 | 23.02 | 0.200 | 23.05 | 0.202 | 23.06 | 0.202 |
| 15 | 16QAM | 75 | 0 | 22.99 | 0.199 | 23.07 | 0.203 | 22.98 | 0.199 |
| 15 | 64QAM | 1 | 0 | 22.97 | 0.198 | 23.06 | 0.202 | 23.05 | 0.202 |
| 15 | 64QAM | 1 | 37 | 22.96 | 0.198 | 23.04 | 0.201 | 22.97 | 0.198 |
| 15 | 64QAM | 1 | 74 | 23.15 | 0.207 | 23.19 | 0.208 | 23.15 | 0.207 |
| 15 | 64QAM | 36 | 0 | 22.03 | 0.160 | 22.03 | 0.160 | 21.98 | 0.158 |
| 15 | 64QAM | 36 | 20 | 22.07 | 0.161 | 22.10 | 0.162 | 21.98 | 0.158 |
| 15 | 64QAM | 36 | 39 | 22.04 | 0.160 | 22.13 | 0.163 | 22.10 | 0.162 |
| 15 | 64QAM | 75 | 0 | 22.01 | 0.159 | 22.09 | 0.162 | 21.99 | 0.158 |



| LTE Band 7 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20800 | | 21100 | | 21400 | |
| Frequency (MHz) | | | | 2505 | | 2535 | | 2565 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 24.96 | 0.313 | 25.00 | 0.316 | 24.88 | 0.308 |
| 10 | QPSK | 1 | 25 | 24.84 | 0.305 | 24.94 | 0.312 | 24.85 | 0.305 |
| 10 | QPSK | 1 | 49 | 24.76 | 0.299 | 24.89 | 0.308 | 24.84 | 0.305 |
| 10 | QPSK | 25 | 0 | 23.98 | 0.250 | 24.05 | 0.254 | 24.11 | 0.258 |
| 10 | QPSK | 25 | 12 | 24.05 | 0.254 | 24.07 | 0.255 | 24.03 | 0.253 |
| 10 | QPSK | 25 | 25 | 24.09 | 0.256 | 24.07 | 0.255 | 24.02 | 0.252 |
| 10 | QPSK | 50 | 0 | 24.03 | 0.253 | 24.03 | 0.253 | 23.98 | 0.250 |
| 10 | 16QAM | 1 | 0 | 24.06 | 0.255 | 24.10 | 0.257 | 24.08 | 0.256 |
| 10 | 16QAM | 1 | 25 | 24.13 | 0.259 | 24.16 | 0.261 | 24.14 | 0.259 |
| 10 | 16QAM | 1 | 49 | 24.25 | 0.266 | 24.34 | 0.272 | 24.23 | 0.265 |
| 10 | 16QAM | 25 | 0 | 22.99 | 0.199 | 22.98 | 0.199 | 22.98 | 0.199 |
| 10 | 16QAM | 25 | 12 | 22.94 | 0.197 | 23.08 | 0.203 | 23.01 | 0.200 |
| 10 | 16QAM | 25 | 25 | 23.00 | 0.200 | 23.10 | 0.204 | 23.03 | 0.201 |
| 10 | 16QAM | 50 | 0 | 22.96 | 0.198 | 23.01 | 0.200 | 23.01 | 0.200 |
| 10 | 64QAM | 1 | 0 | 22.99 | 0.199 | 23.01 | 0.200 | 23.00 | 0.200 |
| 10 | 64QAM | 1 | 25 | 23.01 | 0.200 | 23.05 | 0.202 | 22.91 | 0.195 |
| 10 | 64QAM | 1 | 49 | 23.16 | 0.207 | 23.20 | 0.209 | 23.14 | 0.206 |
| 10 | 64QAM | 25 | 0 | 22.00 | 0.158 | 22.05 | 0.160 | 21.99 | 0.158 |
| 10 | 64QAM | 25 | 12 | 22.08 | 0.161 | 22.05 | 0.160 | 22.05 | 0.160 |
| 10 | 64QAM | 25 | 25 | 22.04 | 0.160 | 22.10 | 0.162 | 22.06 | 0.161 |
| 10 | 64QAM | 50 | 0 | 22.05 | 0.160 | 22.09 | 0.162 | 22.03 | 0.160 |



| LTE Band 7 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 20775 | | 21100 | | 21425 | |
| Frequency (MHz) | | | | 2502.5 | | 2535 | | 2567.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 24.93 | 0.311 | 25.00 | 0.316 | 24.88 | 0.308 |
| 5 | QPSK | 1 | 12 | 24.79 | 0.301 | 24.88 | 0.308 | 24.88 | 0.308 |
| 5 | QPSK | 1 | 24 | 24.83 | 0.304 | 24.86 | 0.306 | 24.86 | 0.306 |
| 5 | QPSK | 12 | 0 | 24.04 | 0.254 | 24.11 | 0.258 | 24.09 | 0.256 |
| 5 | QPSK | 12 | 7 | 24.05 | 0.254 | 24.06 | 0.255 | 24.02 | 0.252 |
| 5 | QPSK | 12 | 13 | 24.05 | 0.254 | 24.08 | 0.256 | 24.06 | 0.255 |
| 5 | QPSK | 25 | 0 | 23.98 | 0.250 | 24.05 | 0.254 | 23.98 | 0.250 |
| 5 | 16QAM | 1 | 0 | 24.04 | 0.254 | 24.13 | 0.259 | 24.02 | 0.252 |
| 5 | 16QAM | 1 | 12 | 24.19 | 0.262 | 24.16 | 0.261 | 24.16 | 0.261 |
| 5 | 16QAM | 1 | 24 | 24.27 | 0.267 | 24.27 | 0.267 | 24.23 | 0.265 |
| 5 | 16QAM | 12 | 0 | 23.01 | 0.200 | 23.01 | 0.200 | 22.98 | 0.199 |
| 5 | 16QAM | 12 | 7 | 23.00 | 0.200 | 23.07 | 0.203 | 22.98 | 0.199 |
| 5 | 16QAM | 12 | 13 | 23.06 | 0.202 | 23.06 | 0.202 | 23.08 | 0.203 |
| 5 | 16QAM | 25 | 0 | 23.01 | 0.200 | 23.01 | 0.200 | 22.97 | 0.198 |
| 5 | 64QAM | 1 | 0 | 22.94 | 0.197 | 23.04 | 0.201 | 23.05 | 0.202 |
| 5 | 64QAM | 1 | 12 | 22.97 | 0.198 | 23.04 | 0.201 | 22.93 | 0.196 |
| 5 | 64QAM | 1 | 24 | 23.16 | 0.207 | 23.23 | 0.210 | 23.13 | 0.206 |
| 5 | 64QAM | 12 | 0 | 22.04 | 0.160 | 22.01 | 0.159 | 21.98 | 0.158 |
| 5 | 64QAM | 12 | 7 | 22.10 | 0.162 | 22.09 | 0.162 | 22.04 | 0.160 |
| 5 | 64QAM | 12 | 13 | 22.08 | 0.161 | 22.10 | 0.162 | 22.10 | 0.162 |
| 5 | 64QAM | 25 | 0 | 22.01 | 0.159 | 22.03 | 0.160 | 22.03 | 0.160 |



| 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 | 18.18 | 0.066 | 18.22 | 0.066 | 18.20 | 0.066 |
| 10 | QPSK | 1 | 25 | 18.12 | 0.065 | 18.16 | 0.065 | 18.10 | 0.065 |
| 10 | QPSK | 1 | 49 | 18.09 | 0.064 | 18.13 | 0.065 | 18.11 | 0.065 |
| 10 | QPSK | 25 | 0 | 17.29 | 0.054 | 17.33 | 0.054 | 17.30 | 0.054 |
| 10 | QPSK | 25 | 12 | 17.23 | 0.053 | 17.27 | 0.053 | 17.23 | 0.053 |
| 10 | QPSK | 25 | 25 | 17.24 | 0.053 | 17.30 | 0.054 | 17.26 | 0.053 |
| 10 | QPSK | 50 | 0 | 17.15 | 0.052 | 17.23 | 0.053 | 17.20 | 0.052 |
| 10 | 16QAM | 1 | 0 | 17.51 | 0.056 | 17.57 | 0.057 | 17.52 | 0.056 |
| 10 | 16QAM | 1 | 25 | 17.51 | 0.056 | 17.55 | 0.057 | 17.52 | 0.056 |
| 10 | 16QAM | 1 | 49 | 17.46 | 0.056 | 17.53 | 0.057 | 17.50 | 0.056 |
| 10 | 16QAM | 25 | 0 | 16.20 | 0.042 | 16.25 | 0.042 | 16.19 | 0.042 |
| 10 | 16QAM | 25 | 12 | 16.14 | 0.041 | 16.21 | 0.042 | 16.18 | 0.041 |
| 10 | 16QAM | 25 | 25 | 16.22 | 0.042 | 16.28 | 0.042 | 16.26 | 0.042 |
| 10 | 16QAM | 50 | 0 | 16.18 | 0.041 | 16.22 | 0.042 | 16.19 | 0.042 |
| 10 | 64QAM | 1 | 0 | 16.33 | 0.043 | 16.38 | 0.043 | 16.30 | 0.043 |
| 10 | 64QAM | 1 | 25 | 16.29 | 0.043 | 16.37 | 0.043 | 16.35 | 0.043 |
| 10 | 64QAM | 1 | 49 | 16.43 | 0.044 | 16.46 | 0.044 | 16.38 | 0.043 |
| 10 | 64QAM | 25 | 0 | 15.23 | 0.033 | 15.29 | 0.034 | 15.22 | 0.033 |
| 10 | 64QAM | 25 | 12 | 15.24 | 0.033 | 15.26 | 0.034 | 15.24 | 0.033 |
| 10 | 64QAM | 25 | 25 | 15.21 | 0.033 | 15.22 | 0.033 | 15.14 | 0.033 |
| 10 | 64QAM | 50 | 0 | 15.20 | 0.033 | 15.28 | 0.034 | 15.23 | 0.033 |



| 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 | 18.16 | 0.065 | 18.20 | 0.066 | 18.16 | 0.065 |
| 5 | QPSK | 1 | 12 | 18.10 | 0.065 | 18.14 | 0.065 | 18.03 | 0.064 |
| 5 | QPSK | 1 | 24 | 18.03 | 0.064 | 18.08 | 0.064 | 18.06 | 0.064 |
| 5 | QPSK | 12 | 0 | 17.22 | 0.053 | 17.32 | 0.054 | 17.21 | 0.053 |
| 5 | QPSK | 12 | 7 | 17.19 | 0.052 | 17.24 | 0.053 | 17.22 | 0.053 |
| 5 | QPSK | 12 | 13 | 17.18 | 0.052 | 17.23 | 0.053 | 17.18 | 0.052 |
| 5 | QPSK | 25 | 0 | 17.12 | 0.052 | 17.20 | 0.052 | 17.12 | 0.052 |
| 5 | 16QAM | 1 | 0 | 17.46 | 0.056 | 17.49 | 0.056 | 17.44 | 0.055 |
| 5 | 16QAM | 1 | 12 | 17.47 | 0.056 | 17.54 | 0.057 | 17.48 | 0.056 |
| 5 | 16QAM | 1 | 24 | 17.42 | 0.055 | 17.50 | 0.056 | 17.44 | 0.055 |
| 5 | 16QAM | 12 | 0 | 16.19 | 0.042 | 16.24 | 0.042 | 16.14 | 0.041 |
| 5 | 16QAM | 12 | 7 | 16.09 | 0.041 | 16.16 | 0.041 | 16.13 | 0.041 |
| 5 | 16QAM | 12 | 13 | 16.14 | 0.041 | 16.25 | 0.042 | 16.25 | 0.042 |
| 5 | 16QAM | 25 | 0 | 16.13 | 0.041 | 16.17 | 0.041 | 16.18 | 0.041 |
| 5 | 64QAM | 1 | 0 | 16.30 | 0.043 | 16.37 | 0.043 | 16.28 | 0.042 |
| 5 | 64QAM | 1 | 12 | 16.27 | 0.042 | 16.35 | 0.043 | 16.27 | 0.042 |
| 5 | 64QAM | 1 | 24 | 16.41 | 0.044 | 16.42 | 0.044 | 16.33 | 0.043 |
| 5 | 64QAM | 12 | 0 | 15.17 | 0.033 | 15.27 | 0.034 | 15.17 | 0.033 |
| 5 | 64QAM | 12 | 7 | 15.22 | 0.033 | 15.24 | 0.033 | 15.20 | 0.033 |
| 5 | 64QAM | 12 | 13 | 15.15 | 0.033 | 15.18 | 0.033 | 15.07 | 0.032 |
| 5 | 64QAM | 25 | 0 | 15.17 | 0.033 | 15.23 | 0.033 | 15.19 | 0.033 |



| 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 | 18.15 | 0.065 | 18.20 | 0.066 | 18.16 | 0.065 |
| 3 | QPSK | 1 | 8 | 18.08 | 0.064 | 18.11 | 0.065 | 18.03 | 0.064 |
| 3 | QPSK | 1 | 14 | 18.02 | 0.063 | 18.11 | 0.065 | 18.08 | 0.064 |
| 3 | QPSK | 8 | 0 | 17.21 | 0.053 | 17.27 | 0.053 | 17.22 | 0.053 |
| 3 | QPSK | 8 | 4 | 17.20 | 0.052 | 17.26 | 0.053 | 17.20 | 0.052 |
| 3 | QPSK | 8 | 7 | 17.19 | 0.052 | 17.25 | 0.053 | 17.24 | 0.053 |
| 3 | QPSK | 15 | 0 | 17.11 | 0.051 | 17.15 | 0.052 | 17.13 | 0.052 |
| 3 | 16QAM | 1 | 0 | 17.40 | 0.055 | 17.51 | 0.056 | 17.46 | 0.056 |
| 3 | 16QAM | 1 | 8 | 17.45 | 0.056 | 17.49 | 0.056 | 17.49 | 0.056 |
| 3 | 16QAM | 1 | 14 | 17.45 | 0.056 | 17.52 | 0.056 | 17.42 | 0.055 |
| 3 | 16QAM | 8 | 0 | 16.17 | 0.041 | 16.19 | 0.042 | 16.18 | 0.041 |
| 3 | 16QAM | 8 | 4 | 16.12 | 0.041 | 16.20 | 0.042 | 16.11 | 0.041 |
| 3 | 16QAM | 8 | 7 | 16.21 | 0.042 | 16.25 | 0.042 | 16.21 | 0.042 |
| 3 | 16QAM | 15 | 0 | 16.13 | 0.041 | 16.16 | 0.041 | 16.11 | 0.041 |
| 3 | 64QAM | 1 | 0 | 16.32 | 0.043 | 16.30 | 0.043 | 16.24 | 0.042 |
| 3 | 64QAM | 1 | 8 | 16.21 | 0.042 | 16.33 | 0.043 | 16.30 | 0.043 |
| 3 | 64QAM | 1 | 14 | 16.41 | 0.044 | 16.38 | 0.043 | 16.36 | 0.043 |
| 3 | 64QAM | 8 | 0 | 15.16 | 0.033 | 15.24 | 0.033 | 15.19 | 0.033 |
| 3 | 64QAM | 8 | 4 | 15.21 | 0.033 | 15.25 | 0.033 | 15.16 | 0.033 |
| 3 | 64QAM | 8 | 7 | 15.15 | 0.033 | 15.16 | 0.033 | 15.13 | 0.033 |
| 3 | 64QAM | 15 | 0 | 14.74 | 0.030 | 14.84 | 0.030 | 14.78 | 0.030 |



| 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 | 18.07 | 0.064 | 18.16 | 0.065 | 18.14 | 0.065 |
| 1.4 | QPSK | 1 | 3 | 18.01 | 0.063 | 18.06 | 0.064 | 18.03 | 0.064 |
| 1.4 | QPSK | 1 | 5 | 18.02 | 0.063 | 18.05 | 0.064 | 18.04 | 0.064 |
| 1.4 | QPSK | 3 | 0 | 18.05 | 0.064 | 18.15 | 0.065 | 18.04 | 0.064 |
| 1.4 | QPSK | 3 | 1 | 18.01 | 0.063 | 18.08 | 0.064 | 18.06 | 0.064 |
| 1.4 | QPSK | 3 | 3 | 18.08 | 0.064 | 18.12 | 0.065 | 18.06 | 0.064 |
| 1.4 | QPSK | 6 | 0 | 17.08 | 0.051 | 17.10 | 0.051 | 17.12 | 0.052 |
| 1.4 | 16QAM | 1 | 0 | 17.40 | 0.055 | 17.48 | 0.056 | 17.44 | 0.055 |
| 1.4 | 16QAM | 1 | 3 | 17.39 | 0.055 | 17.49 | 0.056 | 17.43 | 0.055 |
| 1.4 | 16QAM | 1 | 5 | 17.34 | 0.054 | 17.40 | 0.055 | 17.38 | 0.055 |
| 1.4 | 16QAM | 3 | 0 | 16.98 | 0.050 | 17.02 | 0.050 | 17.02 | 0.050 |
| 1.4 | 16QAM | 3 | 1 | 16.91 | 0.049 | 17.05 | 0.051 | 16.99 | 0.050 |
| 1.4 | 16QAM | 3 | 3 | 16.99 | 0.050 | 17.09 | 0.051 | 17.04 | 0.051 |
| 1.4 | 16QAM | 6 | 0 | 16.05 | 0.040 | 16.16 | 0.041 | 16.10 | 0.041 |
| 1.4 | 64QAM | 1 | 0 | 16.21 | 0.042 | 16.30 | 0.043 | 16.24 | 0.042 |
| 1.4 | 64QAM | 1 | 3 | 16.16 | 0.041 | 16.29 | 0.043 | 16.22 | 0.042 |
| 1.4 | 64QAM | 1 | 5 | 16.32 | 0.043 | 16.38 | 0.043 | 16.28 | 0.042 |
| 1.4 | 64QAM | 3 | 0 | 16.01 | 0.040 | 16.08 | 0.041 | 16.00 | 0.040 |
| 1.4 | 64QAM | 3 | 1 | 16.06 | 0.040 | 16.07 | 0.040 | 16.06 | 0.040 |
| 1.4 | 64QAM | 3 | 3 | 16.00 | 0.040 | 16.05 | 0.040 | 15.98 | 0.040 |
| 1.4 | 64QAM | 6 | 0 | 14.71 | 0.030 | 14.77 | 0.030 | 14.77 | 0.030 |



| 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 | / | / | 19.79 | 0.095 | / | / |
| 10 | QPSK | 1 | 25 | / | / | 19.77 | 0.095 | / | / |
| 10 | QPSK | 1 | 49 | / | / | 19.73 | 0.094 | / | / |
| 10 | QPSK | 25 | 0 | / | / | 18.85 | 0.077 | / | / |
| 10 | QPSK | 25 | 12 | / | / | 18.86 | 0.077 | / | / |
| 10 | QPSK | 25 | 25 | / | / | 18.87 | 0.077 | / | / |
| 10 | QPSK | 50 | 0 | / | / | 18.85 | 0.077 | / | / |
| 10 | 16QAM | 1 | 0 | / | / | 19.22 | 0.084 | / | / |
| 10 | 16QAM | 1 | 25 | / | / | 19.15 | 0.082 | / | / |
| 10 | 16QAM | 1 | 49 | / | / | 19.09 | 0.081 | / | / |
| 10 | 16QAM | 25 | 0 | / | / | 17.88 | 0.061 | / | / |
| 10 | 16QAM | 25 | 12 | / | / | 17.87 | 0.061 | / | / |
| 10 | 16QAM | 25 | 25 | / | / | 17.85 | 0.061 | / | / |
| 10 | 16QAM | 50 | 0 | / | / | 17.82 | 0.061 | / | / |
| 10 | 64QAM | 1 | 0 | / | / | 18.02 | 0.063 | / | / |
| 10 | 64QAM | 1 | 25 | / | / | 18.06 | 0.064 | / | / |
| 10 | 64QAM | 1 | 49 | / | / | 18.02 | 0.063 | / | / |
| 10 | 64QAM | 25 | 0 | / | / | 16.87 | 0.049 | / | / |
| 10 | 64QAM | 25 | 12 | / | / | 16.89 | 0.049 | / | / |
| 10 | 64QAM | 25 | 25 | / | / | 16.88 | 0.049 | / | / |
| 10 | 64QAM | 50 | 0 | / | / | 16.85 | 0.048 | / | / |



| 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 | 19.76 | 0.095 | 19.71 | 0.094 | 19.72 | 0.094 |
| 5 | QPSK | 1 | 12 | 19.72 | 0.094 | 19.76 | 0.095 | 19.73 | 0.094 |
| 5 | QPSK | 1 | 24 | 19.72 | 0.094 | 19.72 | 0.094 | 19.72 | 0.094 |
| 5 | QPSK | 12 | 0 | 18.83 | 0.076 | 18.78 | 0.076 | 18.78 | 0.076 |
| 5 | QPSK | 12 | 7 | 18.83 | 0.076 | 18.85 | 0.077 | 18.78 | 0.076 |
| 5 | QPSK | 12 | 13 | 18.85 | 0.077 | 18.83 | 0.076 | 18.79 | 0.076 |
| 5 | QPSK | 25 | 0 | 18.83 | 0.076 | 18.77 | 0.075 | 18.83 | 0.076 |
| 5 | 16QAM | 1 | 0 | 19.15 | 0.082 | 19.15 | 0.082 | 19.14 | 0.082 |
| 5 | 16QAM | 1 | 12 | 19.12 | 0.082 | 19.10 | 0.081 | 19.10 | 0.081 |
| 5 | 16QAM | 1 | 24 | 19.04 | 0.080 | 19.01 | 0.080 | 19.07 | 0.081 |
| 5 | 16QAM | 12 | 0 | 17.82 | 0.061 | 17.83 | 0.061 | 17.83 | 0.061 |
| 5 | 16QAM | 12 | 7 | 17.79 | 0.060 | 17.85 | 0.061 | 17.79 | 0.060 |
| 5 | 16QAM | 12 | 13 | 17.80 | 0.060 | 17.77 | 0.060 | 17.83 | 0.061 |
| 5 | 16QAM | 25 | 0 | 17.74 | 0.059 | 17.77 | 0.060 | 17.74 | 0.059 |
| 5 | 64QAM | 1 | 0 | 17.99 | 0.063 | 18.00 | 0.063 | 18.00 | 0.063 |
| 5 | 64QAM | 1 | 12 | 18.04 | 0.064 | 17.98 | 0.063 | 18.04 | 0.064 |
| 5 | 64QAM | 1 | 24 | 17.95 | 0.062 | 17.99 | 0.063 | 17.96 | 0.063 |
| 5 | 64QAM | 12 | 0 | 16.80 | 0.048 | 16.84 | 0.048 | 16.81 | 0.048 |
| 5 | 64QAM | 12 | 7 | 16.81 | 0.048 | 16.85 | 0.048 | 16.85 | 0.048 |
| 5 | 64QAM | 12 | 13 | 16.87 | 0.049 | 16.87 | 0.049 | 16.82 | 0.048 |
| 5 | 64QAM | 25 | 0 | 16.80 | 0.048 | 16.84 | 0.048 | 16.79 | 0.048 |



| 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 | 18.20 | 0.066 | 18.22 | 0.066 | 18.18 | 0.066 |
| 10 | QPSK | 1 | 25 | 18.18 | 0.066 | 18.19 | 0.066 | 18.17 | 0.066 |
| 10 | QPSK | 1 | 49 | 18.09 | 0.064 | 18.17 | 0.066 | 18.16 | 0.065 |
| 10 | QPSK | 25 | 0 | 17.29 | 0.054 | 17.32 | 0.054 | 17.27 | 0.053 |
| 10 | QPSK | 25 | 12 | 17.23 | 0.053 | 17.30 | 0.054 | 17.26 | 0.053 |
| 10 | QPSK | 25 | 25 | 17.20 | 0.052 | 17.28 | 0.053 | 17.20 | 0.052 |
| 10 | QPSK | 50 | 0 | 17.28 | 0.053 | 17.29 | 0.054 | 17.22 | 0.053 |
| 10 | 16QAM | 1 | 0 | 17.49 | 0.056 | 17.52 | 0.056 | 17.46 | 0.056 |
| 10 | 16QAM | 1 | 25 | 17.46 | 0.056 | 17.51 | 0.056 | 17.46 | 0.056 |
| 10 | 16QAM | 1 | 49 | 17.40 | 0.055 | 17.47 | 0.056 | 17.46 | 0.056 |
| 10 | 16QAM | 25 | 0 | 16.30 | 0.043 | 16.38 | 0.043 | 16.31 | 0.043 |
| 10 | 16QAM | 25 | 12 | 16.34 | 0.043 | 16.35 | 0.043 | 16.27 | 0.042 |
| 10 | 16QAM | 25 | 25 | 16.26 | 0.042 | 16.32 | 0.043 | 16.27 | 0.042 |
| 10 | 16QAM | 50 | 0 | 16.28 | 0.042 | 16.30 | 0.043 | 16.23 | 0.042 |
| 10 | 64QAM | 1 | 0 | 16.40 | 0.044 | 16.43 | 0.044 | 16.38 | 0.043 |
| 10 | 64QAM | 1 | 25 | 16.37 | 0.043 | 16.40 | 0.044 | 16.37 | 0.043 |
| 10 | 64QAM | 1 | 49 | 16.32 | 0.043 | 16.38 | 0.043 | 16.34 | 0.043 |
| 10 | 64QAM | 25 | 0 | 15.27 | 0.034 | 15.35 | 0.034 | 15.33 | 0.034 |
| 10 | 64QAM | 25 | 12 | 15.28 | 0.034 | 15.36 | 0.034 | 15.32 | 0.034 |
| 10 | 64QAM | 25 | 25 | 15.30 | 0.034 | 15.32 | 0.034 | 15.30 | 0.034 |
| 10 | 64QAM | 50 | 0 | 15.24 | 0.033 | 15.27 | 0.034 | 15.26 | 0.034 |



| 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 | 18.17 | 0.066 | 18.16 | 0.065 | 18.17 | 0.066 |
| 5 | QPSK | 1 | 12 | 18.13 | 0.065 | 18.14 | 0.065 | 18.11 | 0.065 |
| 5 | QPSK | 1 | 24 | 18.07 | 0.064 | 18.16 | 0.065 | 18.10 | 0.065 |
| 5 | QPSK | 12 | 0 | 17.24 | 0.053 | 17.26 | 0.053 | 17.22 | 0.053 |
| 5 | QPSK | 12 | 7 | 17.21 | 0.053 | 17.24 | 0.053 | 17.18 | 0.052 |
| 5 | QPSK | 12 | 13 | 17.14 | 0.052 | 17.22 | 0.053 | 17.17 | 0.052 |
| 5 | QPSK | 25 | 0 | 17.25 | 0.053 | 17.22 | 0.053 | 17.15 | 0.052 |
| 5 | 16QAM | 1 | 0 | 17.47 | 0.056 | 17.49 | 0.056 | 17.42 | 0.055 |
| 5 | 16QAM | 1 | 12 | 17.38 | 0.055 | 17.47 | 0.056 | 17.42 | 0.055 |
| 5 | 16QAM | 1 | 24 | 17.38 | 0.055 | 17.40 | 0.055 | 17.45 | 0.056 |
| 5 | 16QAM | 12 | 0 | 16.25 | 0.042 | 16.36 | 0.043 | 16.25 | 0.042 |
| 5 | 16QAM | 12 | 7 | 16.28 | 0.042 | 16.30 | 0.043 | 16.23 | 0.042 |
| 5 | 16QAM | 12 | 13 | 16.18 | 0.041 | 16.29 | 0.043 | 16.25 | 0.042 |
| 5 | 16QAM | 25 | 0 | 16.25 | 0.042 | 16.27 | 0.042 | 16.19 | 0.042 |
| 5 | 64QAM | 1 | 0 | 16.36 | 0.043 | 16.39 | 0.044 | 16.32 | 0.043 |
| 5 | 64QAM | 1 | 12 | 16.33 | 0.043 | 16.34 | 0.043 | 16.29 | 0.043 |
| 5 | 64QAM | 1 | 24 | 16.28 | 0.042 | 16.33 | 0.043 | 16.33 | 0.043 |
| 5 | 64QAM | 12 | 0 | 15.26 | 0.034 | 15.34 | 0.034 | 15.28 | 0.034 |
| 5 | 64QAM | 12 | 7 | 15.21 | 0.033 | 15.28 | 0.034 | 15.29 | 0.034 |
| 5 | 64QAM | 12 | 13 | 15.27 | 0.034 | 15.27 | 0.034 | 15.23 | 0.033 |
| 5 | 64QAM | 25 | 0 | 15.17 | 0.033 | 15.19 | 0.033 | 15.18 | 0.033 |



| LTE Band 18 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 23965 | | 23970 | | 23975 | |
| Frequency (MHz) | | | | 826.5 | | 827 | | 827.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 20.20 | 0.105 | 20.11 | 0.103 | 20.23 | 0.105 |
| 5 | QPSK | 1 | 12 | 20.10 | 0.102 | 20.08 | 0.102 | 20.15 | 0.104 |
| 5 | QPSK | 1 | 24 | 20.14 | 0.103 | 20.09 | 0.102 | 20.16 | 0.104 |
| 5 | QPSK | 12 | 0 | 19.19 | 0.083 | 19.26 | 0.084 | 19.30 | 0.085 |
| 5 | QPSK | 12 | 7 | 19.11 | 0.081 | 19.20 | 0.083 | 19.22 | 0.084 |
| 5 | QPSK | 12 | 13 | 19.28 | 0.085 | 19.25 | 0.084 | 19.33 | 0.086 |
| 5 | QPSK | 25 | 0 | 19.14 | 0.082 | 19.16 | 0.082 | 19.25 | 0.084 |
| 5 | 16QAM | 1 | 0 | 19.46 | 0.088 | 19.40 | 0.087 | 19.49 | 0.089 |
| 5 | 16QAM | 1 | 12 | 19.52 | 0.090 | 19.50 | 0.089 | 19.56 | 0.090 |
| 5 | 16QAM | 1 | 24 | 19.55 | 0.090 | 19.50 | 0.089 | 19.56 | 0.090 |
| 5 | 16QAM | 12 | 0 | 18.25 | 0.067 | 18.24 | 0.067 | 18.27 | 0.067 |
| 5 | 16QAM | 12 | 7 | 18.25 | 0.067 | 18.21 | 0.066 | 18.30 | 0.068 |
| 5 | 16QAM | 12 | 13 | 18.23 | 0.067 | 18.16 | 0.065 | 18.25 | 0.067 |
| 5 | 16QAM | 25 | 0 | 18.20 | 0.066 | 18.15 | 0.065 | 18.24 | 0.067 |
| 5 | 64QAM | 1 | 0 | 18.21 | 0.066 | 18.17 | 0.066 | 18.29 | 0.067 |
| 5 | 64QAM | 1 | 12 | 18.16 | 0.065 | 18.23 | 0.067 | 18.25 | 0.067 |
| 5 | 64QAM | 1 | 24 | 18.11 | 0.065 | 18.16 | 0.065 | 18.23 | 0.067 |
| 5 | 64QAM | 12 | 0 | 17.24 | 0.053 | 17.24 | 0.053 | 17.32 | 0.054 |
| 5 | 64QAM | 12 | 7 | 17.21 | 0.053 | 17.19 | 0.052 | 17.29 | 0.054 |
| 5 | 64QAM | 12 | 13 | 17.25 | 0.053 | 17.26 | 0.053 | 17.27 | 0.053 |
| 5 | 64QAM | 25 | 0 | 17.24 | 0.053 | 17.28 | 0.053 | 17.30 | 0.054 |



| 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 | 24.68 | 0.294 | 24.73 | 0.297 | 24.65 | 0.292 |
| 20 | QPSK | 1 | 49 | 24.58 | 0.287 | 24.62 | 0.290 | 24.55 | 0.285 |
| 20 | QPSK | 1 | 99 | 24.54 | 0.284 | 24.61 | 0.289 | 24.59 | 0.288 |
| 20 | QPSK | 50 | 0 | 23.82 | 0.241 | 23.85 | 0.243 | 23.80 | 0.240 |
| 20 | QPSK | 50 | 24 | 23.77 | 0.238 | 23.82 | 0.241 | 23.78 | 0.239 |
| 20 | QPSK | 50 | 50 | 23.79 | 0.239 | 23.80 | 0.240 | 23.77 | 0.238 |
| 20 | QPSK | 100 | 0 | 23.70 | 0.234 | 23.77 | 0.238 | 23.69 | 0.234 |
| 20 | 16QAM | 1 | 0 | 24.01 | 0.252 | 24.04 | 0.254 | 23.96 | 0.249 |
| 20 | 16QAM | 1 | 49 | 23.91 | 0.246 | 23.99 | 0.251 | 23.96 | 0.249 |
| 20 | 16QAM | 1 | 99 | 23.84 | 0.242 | 23.91 | 0.246 | 23.88 | 0.244 |
| 20 | 16QAM | 50 | 0 | 22.77 | 0.189 | 22.80 | 0.191 | 22.76 | 0.189 |
| 20 | 16QAM | 50 | 24 | 22.74 | 0.188 | 22.77 | 0.189 | 22.69 | 0.186 |
| 20 | 16QAM | 50 | 50 | 22.80 | 0.191 | 22.82 | 0.191 | 22.80 | 0.191 |
| 20 | 16QAM | 100 | 0 | 22.73 | 0.187 | 22.80 | 0.191 | 22.73 | 0.187 |
| 20 | 64QAM | 1 | 0 | 22.88 | 0.194 | 22.90 | 0.195 | 22.88 | 0.194 |
| 20 | 64QAM | 1 | 49 | 22.81 | 0.191 | 22.88 | 0.194 | 22.85 | 0.193 |
| 20 | 64QAM | 1 | 99 | 22.83 | 0.192 | 22.85 | 0.193 | 22.79 | 0.190 |
| 20 | 64QAM | 50 | 0 | 21.90 | 0.155 | 21.93 | 0.156 | 21.86 | 0.153 |
| 20 | 64QAM | 50 | 24 | 21.83 | 0.152 | 21.89 | 0.155 | 21.81 | 0.152 |
| 20 | 64QAM | 50 | 50 | 21.84 | 0.153 | 21.85 | 0.153 | 21.81 | 0.152 |
| 20 | 64QAM | 100 | 0 | 21.76 | 0.150 | 21.82 | 0.152 | 21.80 | 0.151 |



| 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 | 24.64 | 0.291 | 24.70 | 0.295 | 24.64 | 0.291 |
| 15 | QPSK | 1 | 37 | 24.57 | 0.286 | 24.57 | 0.286 | 24.54 | 0.284 |
| 15 | QPSK | 1 | 74 | 24.51 | 0.282 | 24.54 | 0.284 | 24.53 | 0.284 |
| 15 | QPSK | 36 | 0 | 23.78 | 0.239 | 23.78 | 0.239 | 23.79 | 0.239 |
| 15 | QPSK | 36 | 20 | 23.72 | 0.236 | 23.81 | 0.240 | 23.70 | 0.234 |
| 15 | QPSK | 36 | 39 | 23.76 | 0.238 | 23.76 | 0.238 | 23.70 | 0.234 |
| 15 | QPSK | 75 | 0 | 23.68 | 0.233 | 23.71 | 0.235 | 23.66 | 0.232 |
| 15 | 16QAM | 1 | 0 | 23.97 | 0.249 | 24.03 | 0.253 | 23.94 | 0.248 |
| 15 | 16QAM | 1 | 37 | 23.84 | 0.242 | 23.91 | 0.246 | 23.95 | 0.248 |
| 15 | 16QAM | 1 | 74 | 23.77 | 0.238 | 23.90 | 0.245 | 23.85 | 0.243 |
| 15 | 16QAM | 36 | 0 | 22.74 | 0.188 | 22.78 | 0.190 | 22.71 | 0.187 |
| 15 | 16QAM | 36 | 20 | 22.69 | 0.186 | 22.75 | 0.188 | 22.68 | 0.185 |
| 15 | 16QAM | 36 | 39 | 22.77 | 0.189 | 22.81 | 0.191 | 22.79 | 0.190 |
| 15 | 16QAM | 75 | 0 | 22.68 | 0.185 | 22.77 | 0.189 | 22.69 | 0.186 |
| 15 | 64QAM | 1 | 0 | 22.85 | 0.193 | 22.83 | 0.192 | 22.83 | 0.192 |
| 15 | 64QAM | 1 | 37 | 22.74 | 0.188 | 22.80 | 0.191 | 22.84 | 0.192 |
| 15 | 64QAM | 1 | 74 | 22.75 | 0.188 | 22.81 | 0.191 | 22.76 | 0.189 |
| 15 | 64QAM | 36 | 0 | 21.82 | 0.152 | 21.85 | 0.153 | 21.84 | 0.153 |
| 15 | 64QAM | 36 | 20 | 21.79 | 0.151 | 21.86 | 0.153 | 21.77 | 0.150 |
| 15 | 64QAM | 36 | 39 | 21.76 | 0.150 | 21.77 | 0.150 | 21.80 | 0.151 |
| 15 | 64QAM | 75 | 0 | 21.69 | 0.148 | 21.77 | 0.150 | 21.72 | 0.149 |



| 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 | 24.60 | 0.288 | 24.67 | 0.293 | 24.61 | 0.289 |
| 10 | QPSK | 1 | 25 | 24.51 | 0.282 | 24.54 | 0.284 | 24.54 | 0.284 |
| 10 | QPSK | 1 | 49 | 24.48 | 0.281 | 24.56 | 0.286 | 24.51 | 0.282 |
| 10 | QPSK | 25 | 0 | 23.76 | 0.238 | 23.78 | 0.239 | 23.75 | 0.237 |
| 10 | QPSK | 25 | 12 | 23.76 | 0.238 | 23.74 | 0.237 | 23.71 | 0.235 |
| 10 | QPSK | 25 | 25 | 23.78 | 0.239 | 23.79 | 0.239 | 23.74 | 0.237 |
| 10 | QPSK | 50 | 0 | 23.67 | 0.233 | 23.76 | 0.238 | 23.64 | 0.231 |
| 10 | 16QAM | 1 | 0 | 23.96 | 0.249 | 23.98 | 0.250 | 23.92 | 0.247 |
| 10 | 16QAM | 1 | 25 | 23.84 | 0.242 | 23.94 | 0.248 | 23.90 | 0.245 |
| 10 | 16QAM | 1 | 49 | 23.78 | 0.239 | 23.85 | 0.243 | 23.80 | 0.240 |
| 10 | 16QAM | 25 | 0 | 22.75 | 0.188 | 22.75 | 0.188 | 22.75 | 0.188 |
| 10 | 16QAM | 25 | 12 | 22.68 | 0.185 | 22.70 | 0.186 | 22.62 | 0.183 |
| 10 | 16QAM | 25 | 25 | 22.76 | 0.189 | 22.78 | 0.190 | 22.74 | 0.188 |
| 10 | 16QAM | 50 | 0 | 22.69 | 0.186 | 22.79 | 0.190 | 22.67 | 0.185 |
| 10 | 64QAM | 1 | 0 | 22.86 | 0.193 | 22.83 | 0.192 | 22.82 | 0.191 |
| 10 | 64QAM | 1 | 25 | 22.80 | 0.191 | 22.87 | 0.194 | 22.81 | 0.191 |
| 10 | 64QAM | 1 | 49 | 22.78 | 0.190 | 22.82 | 0.191 | 22.71 | 0.187 |
| 10 | 64QAM | 25 | 0 | 21.86 | 0.153 | 21.86 | 0.153 | 21.81 | 0.152 |
| 10 | 64QAM | 25 | 12 | 21.75 | 0.150 | 21.84 | 0.153 | 21.75 | 0.150 |
| 10 | 64QAM | 25 | 25 | 21.76 | 0.150 | 21.81 | 0.152 | 21.76 | 0.150 |
| 10 | 64QAM | 50 | 0 | 21.71 | 0.148 | 21.76 | 0.150 | 21.73 | 0.149 |



| 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 | 24.65 | 0.292 | 24.68 | 0.294 | 24.59 | 0.288 |
| 5 | QPSK | 1 | 12 | 24.53 | 0.284 | 24.61 | 0.289 | 24.52 | 0.283 |
| 5 | QPSK | 1 | 24 | 24.49 | 0.281 | 24.60 | 0.288 | 24.52 | 0.283 |
| 5 | QPSK | 12 | 0 | 23.77 | 0.238 | 23.77 | 0.238 | 23.75 | 0.237 |
| 5 | QPSK | 12 | 7 | 23.70 | 0.234 | 23.81 | 0.240 | 23.74 | 0.237 |
| 5 | QPSK | 12 | 13 | 23.75 | 0.237 | 23.72 | 0.236 | 23.76 | 0.238 |
| 5 | QPSK | 25 | 0 | 23.69 | 0.234 | 23.73 | 0.236 | 23.66 | 0.232 |
| 5 | 16QAM | 1 | 0 | 23.95 | 0.248 | 23.96 | 0.249 | 23.89 | 0.245 |
| 5 | 16QAM | 1 | 12 | 23.86 | 0.243 | 23.95 | 0.248 | 23.94 | 0.248 |
| 5 | 16QAM | 1 | 24 | 23.79 | 0.239 | 23.87 | 0.244 | 23.85 | 0.243 |
| 5 | 16QAM | 12 | 0 | 22.73 | 0.187 | 22.75 | 0.188 | 22.71 | 0.187 |
| 5 | 16QAM | 12 | 7 | 22.70 | 0.186 | 22.75 | 0.188 | 22.67 | 0.185 |
| 5 | 16QAM | 12 | 13 | 22.79 | 0.190 | 22.80 | 0.191 | 22.79 | 0.190 |
| 5 | 16QAM | 25 | 0 | 22.70 | 0.186 | 22.75 | 0.188 | 22.72 | 0.187 |
| 5 | 64QAM | 1 | 0 | 22.86 | 0.193 | 22.86 | 0.193 | 22.87 | 0.194 |
| 5 | 64QAM | 1 | 12 | 22.74 | 0.188 | 22.86 | 0.193 | 22.81 | 0.191 |
| 5 | 64QAM | 1 | 24 | 22.81 | 0.191 | 22.84 | 0.192 | 22.74 | 0.188 |
| 5 | 64QAM | 12 | 0 | 21.83 | 0.152 | 21.87 | 0.154 | 21.79 | 0.151 |
| 5 | 64QAM | 12 | 7 | 21.75 | 0.150 | 21.88 | 0.154 | 21.74 | 0.149 |
| 5 | 64QAM | 12 | 13 | 21.83 | 0.152 | 21.83 | 0.152 | 21.80 | 0.151 |
| 5 | 64QAM | 25 | 0 | 21.71 | 0.148 | 21.78 | 0.151 | 21.72 | 0.149 |



| 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 | 24.62 | 0.290 | 24.66 | 0.292 | 24.59 | 0.288 |
| 3 | QPSK | 1 | 8 | 24.54 | 0.284 | 24.59 | 0.288 | 24.54 | 0.284 |
| 3 | QPSK | 1 | 14 | 24.53 | 0.284 | 24.55 | 0.285 | 24.57 | 0.286 |
| 3 | QPSK | 8 | 0 | 23.74 | 0.237 | 23.82 | 0.241 | 23.75 | 0.237 |
| 3 | QPSK | 8 | 4 | 23.72 | 0.236 | 23.76 | 0.238 | 23.77 | 0.238 |
| 3 | QPSK | 8 | 7 | 23.77 | 0.238 | 23.75 | 0.237 | 23.72 | 0.236 |
| 3 | QPSK | 15 | 0 | 23.62 | 0.230 | 23.70 | 0.234 | 23.65 | 0.232 |
| 3 | 16QAM | 1 | 0 | 23.94 | 0.248 | 23.99 | 0.251 | 23.95 | 0.248 |
| 3 | 16QAM | 1 | 8 | 23.90 | 0.245 | 23.95 | 0.248 | 23.91 | 0.246 |
| 3 | 16QAM | 1 | 14 | 23.81 | 0.240 | 23.89 | 0.245 | 23.86 | 0.243 |
| 3 | 16QAM | 8 | 0 | 22.71 | 0.187 | 22.76 | 0.189 | 22.71 | 0.187 |
| 3 | 16QAM | 8 | 4 | 22.72 | 0.187 | 22.71 | 0.187 | 22.65 | 0.184 |
| 3 | 16QAM | 8 | 7 | 22.72 | 0.187 | 22.74 | 0.188 | 22.72 | 0.187 |
| 3 | 16QAM | 15 | 0 | 22.70 | 0.186 | 22.76 | 0.189 | 22.70 | 0.186 |
| 3 | 64QAM | 1 | 0 | 22.81 | 0.191 | 22.86 | 0.193 | 22.85 | 0.193 |
| 3 | 64QAM | 1 | 8 | 22.73 | 0.187 | 22.81 | 0.191 | 22.78 | 0.190 |
| 3 | 64QAM | 1 | 14 | 22.80 | 0.191 | 22.81 | 0.191 | 22.74 | 0.188 |
| 3 | 64QAM | 8 | 0 | 21.86 | 0.153 | 21.89 | 0.155 | 21.83 | 0.152 |
| 3 | 64QAM | 8 | 4 | 21.79 | 0.151 | 21.81 | 0.152 | 21.77 | 0.150 |
| 3 | 64QAM | 8 | 7 | 21.82 | 0.152 | 21.80 | 0.151 | 21.77 | 0.150 |
| 3 | 64QAM | 15 | 0 | 21.70 | 0.148 | 21.77 | 0.150 | 21.78 | 0.151 |



| 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 | 24.63 | 0.290 | 24.66 | 0.292 | 24.63 | 0.290 |
| 1.4 | QPSK | 1 | 3 | 24.55 | 0.285 | 24.57 | 0.286 | 24.49 | 0.281 |
| 1.4 | QPSK | 1 | 5 | 24.50 | 0.282 | 24.54 | 0.284 | 24.51 | 0.282 |
| 1.4 | QPSK | 3 | 0 | 24.65 | 0.292 | 24.72 | 0.296 | 24.64 | 0.291 |
| 1.4 | QPSK | 3 | 1 | 24.62 | 0.290 | 24.65 | 0.292 | 24.66 | 0.292 |
| 1.4 | QPSK | 3 | 3 | 24.64 | 0.291 | 24.67 | 0.293 | 24.66 | 0.292 |
| 1.4 | QPSK | 6 | 0 | 23.65 | 0.232 | 23.71 | 0.235 | 23.62 | 0.230 |
| 1.4 | 16QAM | 1 | 0 | 24.00 | 0.251 | 24.02 | 0.252 | 23.89 | 0.245 |
| 1.4 | 16QAM | 1 | 3 | 23.84 | 0.242 | 23.95 | 0.248 | 23.91 | 0.246 |
| 1.4 | 16QAM | 1 | 5 | 23.76 | 0.238 | 23.85 | 0.243 | 23.86 | 0.243 |
| 1.4 | 16QAM | 3 | 0 | 23.60 | 0.229 | 23.65 | 0.232 | 23.59 | 0.229 |
| 1.4 | 16QAM | 3 | 1 | 23.63 | 0.231 | 23.63 | 0.231 | 23.55 | 0.226 |
| 1.4 | 16QAM | 3 | 3 | 23.67 | 0.233 | 23.67 | 0.233 | 23.62 | 0.230 |
| 1.4 | 16QAM | 6 | 0 | 22.67 | 0.185 | 22.75 | 0.188 | 22.72 | 0.187 |
| 1.4 | 64QAM | 1 | 0 | 22.82 | 0.191 | 22.83 | 0.192 | 22.83 | 0.192 |
| 1.4 | 64QAM | 1 | 3 | 22.75 | 0.188 | 22.87 | 0.194 | 22.82 | 0.191 |
| 1.4 | 64QAM | 1 | 5 | 22.77 | 0.189 | 22.82 | 0.191 | 22.77 | 0.189 |
| 1.4 | 64QAM | 3 | 0 | 22.73 | 0.187 | 22.80 | 0.191 | 22.70 | 0.186 |
| 1.4 | 64QAM | 3 | 1 | 22.67 | 0.185 | 22.72 | 0.187 | 22.69 | 0.186 |
| 1.4 | 64QAM | 3 | 3 | 22.72 | 0.187 | 22.71 | 0.187 | 22.69 | 0.186 |
| 1.4 | 64QAM | 6 | 0 | 21.70 | 0.148 | 21.76 | 0.150 | 21.77 | 0.150 |



| 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 | 20.28 | 0.107 | 20.24 | 0.106 | 20.24 | 0.106 |
| 15 | QPSK | 1 | 37 | 20.26 | 0.106 | 20.22 | 0.105 | 20.25 | 0.106 |
| 15 | QPSK | 1 | 74 | 20.23 | 0.105 | 20.13 | 0.103 | 20.18 | 0.104 |
| 15 | QPSK | 36 | 0 | 19.33 | 0.086 | 19.28 | 0.085 | 19.27 | 0.085 |
| 15 | QPSK | 36 | 20 | 19.31 | 0.085 | 19.21 | 0.083 | 19.30 | 0.085 |
| 15 | QPSK | 36 | 39 | 19.41 | 0.087 | 19.34 | 0.086 | 19.36 | 0.086 |
| 15 | QPSK | 75 | 0 | 19.32 | 0.086 | 19.21 | 0.083 | 19.28 | 0.085 |
| 15 | 16QAM | 1 | 0 | 19.55 | 0.090 | 19.48 | 0.089 | 19.53 | 0.090 |
| 15 | 16QAM | 1 | 37 | 19.59 | 0.091 | 19.52 | 0.090 | 19.54 | 0.090 |
| 15 | 16QAM | 1 | 74 | 19.54 | 0.090 | 19.45 | 0.088 | 19.47 | 0.089 |
| 15 | 16QAM | 36 | 0 | 18.40 | 0.069 | 18.34 | 0.068 | 18.32 | 0.068 |
| 15 | 16QAM | 36 | 20 | 18.32 | 0.068 | 18.20 | 0.066 | 18.24 | 0.067 |
| 15 | 16QAM | 36 | 39 | 18.38 | 0.069 | 18.26 | 0.067 | 18.32 | 0.068 |
| 15 | 16QAM | 75 | 0 | 18.35 | 0.068 | 18.31 | 0.068 | 18.32 | 0.068 |
| 15 | 64QAM | 1 | 0 | 18.42 | 0.070 | 18.38 | 0.069 | 18.38 | 0.069 |
| 15 | 64QAM | 1 | 37 | 18.45 | 0.070 | 18.40 | 0.069 | 18.41 | 0.069 |
| 15 | 64QAM | 1 | 74 | 18.40 | 0.069 | 18.33 | 0.068 | 18.33 | 0.068 |
| 15 | 64QAM | 36 | 0 | 17.37 | 0.055 | 17.28 | 0.053 | 17.36 | 0.054 |
| 15 | 64QAM | 36 | 20 | 17.36 | 0.054 | 17.29 | 0.054 | 17.30 | 0.054 |
| 15 | 64QAM | 36 | 39 | 17.34 | 0.054 | 17.33 | 0.054 | 17.29 | 0.054 |
| 15 | 64QAM | 75 | 0 | 17.35 | 0.054 | 17.32 | 0.054 | 17.30 | 0.054 |



| 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 | 20.11 | 0.103 | 20.14 | 0.103 | 20.19 | 0.104 |
| 10 | QPSK | 1 | 25 | 20.15 | 0.104 | 20.08 | 0.102 | 20.20 | 0.105 |
| 10 | QPSK | 1 | 49 | 20.10 | 0.102 | 20.14 | 0.103 | 20.17 | 0.104 |
| 10 | QPSK | 25 | 0 | 19.20 | 0.083 | 19.09 | 0.081 | 19.21 | 0.083 |
| 10 | QPSK | 25 | 12 | 19.19 | 0.083 | 19.17 | 0.083 | 19.23 | 0.084 |
| 10 | QPSK | 25 | 25 | 19.25 | 0.084 | 19.33 | 0.086 | 19.35 | 0.086 |
| 10 | QPSK | 50 | 0 | 19.18 | 0.083 | 19.21 | 0.083 | 19.22 | 0.084 |
| 10 | 16QAM | 1 | 0 | 19.42 | 0.087 | 19.47 | 0.089 | 19.52 | 0.090 |
| 10 | 16QAM | 1 | 25 | 19.43 | 0.088 | 19.34 | 0.086 | 19.46 | 0.088 |
| 10 | 16QAM | 1 | 49 | 19.35 | 0.086 | 19.37 | 0.086 | 19.42 | 0.087 |
| 10 | 16QAM | 25 | 0 | 18.30 | 0.068 | 18.27 | 0.067 | 18.31 | 0.068 |
| 10 | 16QAM | 25 | 12 | 18.10 | 0.065 | 18.11 | 0.065 | 18.17 | 0.066 |
| 10 | 16QAM | 25 | 25 | 18.14 | 0.065 | 18.18 | 0.066 | 18.24 | 0.067 |
| 10 | 16QAM | 50 | 0 | 18.18 | 0.066 | 18.23 | 0.067 | 18.26 | 0.067 |
| 10 | 64QAM | 1 | 0 | 18.25 | 0.067 | 18.25 | 0.067 | 18.31 | 0.068 |
| 10 | 64QAM | 1 | 25 | 18.28 | 0.067 | 18.27 | 0.067 | 18.35 | 0.068 |
| 10 | 64QAM | 1 | 49 | 18.28 | 0.067 | 18.24 | 0.067 | 18.31 | 0.068 |
| 10 | 64QAM | 25 | 0 | 17.23 | 0.053 | 17.23 | 0.053 | 17.28 | 0.053 |
| 10 | 64QAM | 25 | 12 | 17.20 | 0.052 | 17.23 | 0.053 | 17.28 | 0.053 |
| 10 | 64QAM | 25 | 25 | 17.17 | 0.052 | 17.11 | 0.051 | 17.22 | 0.053 |
| 10 | 64QAM | 50 | 0 | 17.19 | 0.052 | 17.11 | 0.051 | 17.22 | 0.053 |



| 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 | 20.11 | 0.103 | 20.17 | 0.104 | 20.21 | 0.105 |
| 5 | QPSK | 1 | 12 | 20.12 | 0.103 | 20.17 | 0.104 | 20.24 | 0.106 |
| 5 | QPSK | 1 | 24 | 20.08 | 0.102 | 20.08 | 0.102 | 20.15 | 0.104 |
| 5 | QPSK | 12 | 0 | 19.18 | 0.083 | 19.24 | 0.084 | 19.27 | 0.085 |
| 5 | QPSK | 12 | 7 | 19.13 | 0.082 | 19.14 | 0.082 | 19.24 | 0.084 |
| 5 | QPSK | 12 | 13 | 19.17 | 0.083 | 19.22 | 0.084 | 19.28 | 0.085 |
| 5 | QPSK | 25 | 0 | 19.10 | 0.081 | 19.11 | 0.081 | 19.20 | 0.083 |
| 5 | 16QAM | 1 | 0 | 19.49 | 0.089 | 19.39 | 0.087 | 19.50 | 0.089 |
| 5 | 16QAM | 1 | 12 | 19.40 | 0.087 | 19.39 | 0.087 | 19.49 | 0.089 |
| 5 | 16QAM | 1 | 24 | 19.39 | 0.087 | 19.38 | 0.087 | 19.42 | 0.087 |
| 5 | 16QAM | 12 | 0 | 18.19 | 0.066 | 18.18 | 0.066 | 18.25 | 0.067 |
| 5 | 16QAM | 12 | 7 | 18.09 | 0.064 | 18.06 | 0.064 | 18.18 | 0.066 |
| 5 | 16QAM | 12 | 13 | 18.15 | 0.065 | 18.12 | 0.065 | 18.24 | 0.067 |
| 5 | 16QAM | 25 | 0 | 18.19 | 0.066 | 18.21 | 0.066 | 18.31 | 0.068 |
| 5 | 64QAM | 1 | 0 | 18.36 | 0.069 | 18.28 | 0.067 | 18.37 | 0.069 |
| 5 | 64QAM | 1 | 12 | 18.38 | 0.069 | 18.34 | 0.068 | 18.39 | 0.069 |
| 5 | 64QAM | 1 | 24 | 18.16 | 0.065 | 18.14 | 0.065 | 18.25 | 0.067 |
| 5 | 64QAM | 12 | 0 | 17.26 | 0.053 | 17.31 | 0.054 | 17.32 | 0.054 |
| 5 | 64QAM | 12 | 7 | 17.19 | 0.052 | 17.22 | 0.053 | 17.27 | 0.053 |
| 5 | 64QAM | 12 | 13 | 17.22 | 0.053 | 17.16 | 0.052 | 17.23 | 0.053 |
| 5 | 64QAM | 25 | 0 | 17.22 | 0.053 | 17.17 | 0.052 | 17.26 | 0.053 |



| 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 | 20.11 | 0.103 | 20.05 | 0.101 | 20.17 | 0.104 |
| 3 | QPSK | 1 | 8 | 20.16 | 0.104 | 20.13 | 0.103 | 20.24 | 0.106 |
| 3 | QPSK | 1 | 14 | 20.02 | 0.100 | 20.00 | 0.100 | 20.12 | 0.103 |
| 3 | QPSK | 8 | 0 | 19.14 | 0.082 | 19.17 | 0.083 | 19.26 | 0.084 |
| 3 | QPSK | 8 | 4 | 19.21 | 0.083 | 19.18 | 0.083 | 19.23 | 0.084 |
| 3 | QPSK | 8 | 7 | 19.20 | 0.083 | 19.19 | 0.083 | 19.29 | 0.085 |
| 3 | QPSK | 15 | 0 | 19.09 | 0.081 | 19.15 | 0.082 | 19.20 | 0.083 |
| 3 | 16QAM | 1 | 0 | 19.47 | 0.089 | 19.45 | 0.088 | 19.51 | 0.089 |
| 3 | 16QAM | 1 | 8 | 19.41 | 0.087 | 19.42 | 0.087 | 19.47 | 0.089 |
| 3 | 16QAM | 1 | 14 | 19.38 | 0.087 | 19.33 | 0.086 | 19.39 | 0.087 |
| 3 | 16QAM | 8 | 0 | 18.18 | 0.066 | 18.18 | 0.066 | 18.30 | 0.068 |
| 3 | 16QAM | 8 | 4 | 18.14 | 0.065 | 18.15 | 0.065 | 18.17 | 0.066 |
| 3 | 16QAM | 8 | 7 | 18.27 | 0.067 | 18.27 | 0.067 | 18.28 | 0.067 |
| 3 | 16QAM | 15 | 0 | 18.16 | 0.065 | 18.24 | 0.067 | 18.26 | 0.067 |
| 3 | 64QAM | 1 | 0 | 18.29 | 0.067 | 18.26 | 0.067 | 18.34 | 0.068 |
| 3 | 64QAM | 1 | 8 | 18.28 | 0.067 | 18.36 | 0.069 | 18.40 | 0.069 |
| 3 | 64QAM | 1 | 14 | 18.23 | 0.067 | 18.23 | 0.067 | 18.30 | 0.068 |
| 3 | 64QAM | 8 | 0 | 17.25 | 0.053 | 17.29 | 0.054 | 17.32 | 0.054 |
| 3 | 64QAM | 8 | 4 | 17.14 | 0.052 | 17.13 | 0.052 | 17.25 | 0.053 |
| 3 | 64QAM | 8 | 7 | 17.22 | 0.053 | 17.24 | 0.053 | 17.25 | 0.053 |
| 3 | 64QAM | 15 | 0 | 17.23 | 0.053 | 17.17 | 0.052 | 17.24 | 0.053 |



| LTE Band 26 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 26797 | | 26915 | | 27033 | |
| Frequency (MHz) | | | | 824.7 | | 836.5 | | 848.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 20.16 | 0.104 | 20.21 | 0.105 | 20.23 | 0.105 |
| 1.4 | QPSK | 1 | 3 | 20.14 | 0.103 | 20.07 | 0.102 | 20.17 | 0.104 |
| 1.4 | QPSK | 1 | 5 | 19.98 | 0.100 | 20.05 | 0.101 | 20.10 | 0.102 |
| 1.4 | QPSK | 3 | 0 | 19.98 | 0.100 | 19.99 | 0.100 | 20.06 | 0.101 |
| 1.4 | QPSK | 3 | 1 | 19.99 | 0.100 | 20.04 | 0.101 | 20.11 | 0.103 |
| 1.4 | QPSK | 3 | 3 | 20.12 | 0.103 | 20.10 | 0.102 | 20.15 | 0.104 |
| 1.4 | QPSK | 6 | 0 | 19.20 | 0.083 | 19.15 | 0.082 | 19.27 | 0.085 |
| 1.4 | 16QAM | 1 | 0 | 19.45 | 0.088 | 19.50 | 0.089 | 19.51 | 0.089 |
| 1.4 | 16QAM | 1 | 3 | 19.45 | 0.088 | 19.44 | 0.088 | 19.50 | 0.089 |
| 1.4 | 16QAM | 1 | 5 | 19.30 | 0.085 | 19.32 | 0.086 | 19.39 | 0.087 |
| 1.4 | 16QAM | 3 | 0 | 19.07 | 0.081 | 19.09 | 0.081 | 19.10 | 0.081 |
| 1.4 | 16QAM | 3 | 1 | 19.01 | 0.080 | 18.93 | 0.078 | 19.02 | 0.080 |
| 1.4 | 16QAM | 3 | 3 | 19.03 | 0.080 | 19.02 | 0.080 | 19.09 | 0.081 |
| 1.4 | 16QAM | 6 | 0 | 18.23 | 0.067 | 18.14 | 0.065 | 18.26 | 0.067 |
| 1.4 | 64QAM | 1 | 0 | 18.30 | 0.068 | 18.30 | 0.068 | 18.32 | 0.068 |
| 1.4 | 64QAM | 1 | 3 | 18.29 | 0.067 | 18.23 | 0.067 | 18.33 | 0.068 |
| 1.4 | 64QAM | 1 | 5 | 18.22 | 0.066 | 18.24 | 0.067 | 18.32 | 0.068 |
| 1.4 | 64QAM | 3 | 0 | 18.17 | 0.066 | 18.08 | 0.064 | 18.20 | 0.066 |
| 1.4 | 64QAM | 3 | 1 | 18.07 | 0.064 | 18.08 | 0.064 | 18.11 | 0.065 |
| 1.4 | 64QAM | 3 | 3 | 18.08 | 0.064 | 18.05 | 0.064 | 18.09 | 0.064 |
| 1.4 | 64QAM | 6 | 0 | 17.16 | 0.052 | 17.14 | 0.052 | 17.22 | 0.053 |



| LTE Band 38 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 37850 | | 38000 | | 38150 | |
| Frequency (MHz) | | | | 2580 | | 2595 | | 2610 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 25.62 | 0.365 | 25.65 | 0.367 | 25.58 | 0.361 |
| 20 | QPSK | 1 | 49 | 25.54 | 0.358 | 25.61 | 0.364 | 25.59 | 0.362 |
| 20 | QPSK | 1 | 99 | 25.57 | 0.361 | 25.60 | 0.363 | 25.58 | 0.361 |
| 20 | QPSK | 50 | 0 | 24.60 | 0.288 | 24.63 | 0.290 | 24.55 | 0.285 |
| 20 | QPSK | 50 | 24 | 24.73 | 0.297 | 24.75 | 0.299 | 24.72 | 0.296 |
| 20 | QPSK | 50 | 50 | 24.66 | 0.292 | 24.71 | 0.296 | 24.69 | 0.294 |
| 20 | QPSK | 100 | 0 | 24.65 | 0.292 | 24.70 | 0.295 | 24.63 | 0.290 |
| 20 | 16QAM | 1 | 0 | 24.81 | 0.303 | 24.86 | 0.306 | 24.82 | 0.303 |
| 20 | 16QAM | 1 | 49 | 24.82 | 0.303 | 24.85 | 0.305 | 24.77 | 0.300 |
| 20 | 16QAM | 1 | 99 | 24.85 | 0.305 | 24.86 | 0.306 | 24.80 | 0.302 |
| 20 | 16QAM | 50 | 0 | 23.72 | 0.236 | 23.78 | 0.239 | 23.70 | 0.234 |
| 20 | 16QAM | 50 | 24 | 23.71 | 0.235 | 23.76 | 0.238 | 23.73 | 0.236 |
| 20 | 16QAM | 50 | 50 | 23.71 | 0.235 | 23.72 | 0.236 | 23.64 | 0.231 |
| 20 | 16QAM | 100 | 0 | 23.71 | 0.235 | 23.74 | 0.237 | 23.73 | 0.236 |
| 20 | 64QAM | 1 | 0 | 23.71 | 0.235 | 23.73 | 0.236 | 23.66 | 0.232 |
| 20 | 64QAM | 1 | 49 | 23.64 | 0.231 | 23.68 | 0.233 | 23.63 | 0.231 |
| 20 | 64QAM | 1 | 99 | 23.62 | 0.230 | 23.67 | 0.233 | 23.63 | 0.231 |
| 20 | 64QAM | 50 | 0 | 22.68 | 0.185 | 22.72 | 0.187 | 22.64 | 0.184 |
| 20 | 64QAM | 50 | 24 | 22.70 | 0.186 | 22.75 | 0.188 | 22.68 | 0.185 |
| 20 | 64QAM | 50 | 50 | 22.75 | 0.188 | 22.78 | 0.190 | 22.73 | 0.187 |
| 20 | 64QAM | 100 | 0 | 22.70 | 0.186 | 22.71 | 0.187 | 22.64 | 0.184 |



| LTE Band 38 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 37825 | | 38000 | | 38175 | |
| Frequency (MHz) | | | | 2577.5 | | 2595 | | 2612.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 25.56 | 0.360 | 25.62 | 0.365 | 25.51 | 0.356 |
| 15 | QPSK | 1 | 37 | 25.50 | 0.355 | 25.57 | 0.361 | 25.58 | 0.361 |
| 15 | QPSK | 1 | 74 | 25.56 | 0.360 | 25.54 | 0.358 | 25.53 | 0.357 |
| 15 | QPSK | 36 | 0 | 24.51 | 0.282 | 24.62 | 0.290 | 24.59 | 0.288 |
| 15 | QPSK | 36 | 20 | 24.70 | 0.295 | 24.67 | 0.293 | 24.68 | 0.294 |
| 15 | QPSK | 36 | 39 | 24.59 | 0.288 | 24.66 | 0.292 | 24.65 | 0.292 |
| 15 | QPSK | 75 | 0 | 24.61 | 0.289 | 24.62 | 0.290 | 24.61 | 0.289 |
| 15 | 16QAM | 1 | 0 | 24.79 | 0.301 | 24.84 | 0.305 | 24.77 | 0.300 |
| 15 | 16QAM | 1 | 37 | 24.81 | 0.303 | 24.83 | 0.304 | 24.74 | 0.298 |
| 15 | 16QAM | 1 | 74 | 24.78 | 0.301 | 24.83 | 0.304 | 24.77 | 0.300 |
| 15 | 16QAM | 36 | 0 | 23.67 | 0.233 | 23.77 | 0.238 | 23.67 | 0.233 |
| 15 | 16QAM | 36 | 20 | 23.68 | 0.233 | 23.71 | 0.235 | 23.70 | 0.234 |
| 15 | 16QAM | 36 | 39 | 23.70 | 0.234 | 23.64 | 0.231 | 23.63 | 0.231 |
| 15 | 16QAM | 75 | 0 | 23.68 | 0.233 | 23.72 | 0.236 | 23.68 | 0.233 |
| 15 | 64QAM | 1 | 0 | 23.68 | 0.233 | 23.67 | 0.233 | 23.63 | 0.231 |
| 15 | 64QAM | 1 | 37 | 23.63 | 0.231 | 23.63 | 0.231 | 23.57 | 0.228 |
| 15 | 64QAM | 1 | 74 | 23.58 | 0.228 | 23.63 | 0.231 | 23.59 | 0.229 |
| 15 | 64QAM | 36 | 0 | 22.64 | 0.184 | 22.64 | 0.184 | 22.61 | 0.182 |
| 15 | 64QAM | 36 | 20 | 22.69 | 0.186 | 22.68 | 0.185 | 22.65 | 0.184 |
| 15 | 64QAM | 36 | 39 | 22.67 | 0.185 | 22.76 | 0.189 | 22.66 | 0.185 |
| 15 | 64QAM | 75 | 0 | 22.66 | 0.185 | 22.63 | 0.183 | 22.56 | 0.180 |



| LTE Band 38 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 37800 | | 38000 | | 38200 | |
| Frequency (MHz) | | | | 2575 | | 2595 | | 2615 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 25.57 | 0.361 | 25.60 | 0.363 | 25.50 | 0.355 |
| 10 | QPSK | 1 | 25 | 25.47 | 0.352 | 25.53 | 0.357 | 25.58 | 0.361 |
| 10 | QPSK | 1 | 49 | 25.54 | 0.358 | 25.58 | 0.361 | 25.55 | 0.359 |
| 10 | QPSK | 25 | 0 | 24.58 | 0.287 | 24.59 | 0.288 | 24.55 | 0.285 |
| 10 | QPSK | 25 | 12 | 24.67 | 0.293 | 24.67 | 0.293 | 24.68 | 0.294 |
| 10 | QPSK | 25 | 25 | 24.62 | 0.290 | 24.66 | 0.292 | 24.68 | 0.294 |
| 10 | QPSK | 50 | 0 | 24.64 | 0.291 | 24.64 | 0.291 | 24.59 | 0.288 |
| 10 | 16QAM | 1 | 0 | 24.74 | 0.298 | 24.80 | 0.302 | 24.77 | 0.300 |
| 10 | 16QAM | 1 | 25 | 24.81 | 0.303 | 24.81 | 0.303 | 24.74 | 0.298 |
| 10 | 16QAM | 1 | 49 | 24.78 | 0.301 | 24.79 | 0.301 | 24.72 | 0.296 |
| 10 | 16QAM | 25 | 0 | 23.66 | 0.232 | 23.72 | 0.236 | 23.68 | 0.233 |
| 10 | 16QAM | 25 | 12 | 23.66 | 0.232 | 23.72 | 0.236 | 23.69 | 0.234 |
| 10 | 16QAM | 25 | 25 | 23.68 | 0.233 | 23.68 | 0.233 | 23.62 | 0.230 |
| 10 | 16QAM | 50 | 0 | 23.63 | 0.231 | 23.70 | 0.234 | 23.70 | 0.234 |
| 10 | 64QAM | 1 | 0 | 23.66 | 0.232 | 23.68 | 0.233 | 23.60 | 0.229 |
| 10 | 64QAM | 1 | 25 | 23.63 | 0.231 | 23.60 | 0.229 | 23.59 | 0.229 |
| 10 | 64QAM | 1 | 49 | 23.57 | 0.228 | 23.66 | 0.232 | 23.55 | 0.226 |
| 10 | 64QAM | 25 | 0 | 22.62 | 0.183 | 22.70 | 0.186 | 22.57 | 0.181 |
| 10 | 64QAM | 25 | 12 | 22.69 | 0.186 | 22.73 | 0.187 | 22.65 | 0.184 |
| 10 | 64QAM | 25 | 25 | 22.71 | 0.187 | 22.71 | 0.187 | 22.72 | 0.187 |
| 10 | 64QAM | 50 | 0 | 22.69 | 0.186 | 22.65 | 0.184 | 22.61 | 0.182 |



| LTE Band 38 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 37775 | | 38000 | | 38225 | |
| Frequency (MHz) | | | | 2572.5 | | 2595 | | 2617.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 25.58 | 0.361 | 25.63 | 0.366 | 25.55 | 0.359 |
| 5 | QPSK | 1 | 12 | 25.48 | 0.353 | 25.55 | 0.359 | 25.52 | 0.356 |
| 5 | QPSK | 1 | 24 | 25.52 | 0.356 | 25.52 | 0.356 | 25.57 | 0.361 |
| 5 | QPSK | 12 | 0 | 24.52 | 0.283 | 24.55 | 0.285 | 24.57 | 0.286 |
| 5 | QPSK | 12 | 7 | 24.72 | 0.296 | 24.72 | 0.296 | 24.68 | 0.294 |
| 5 | QPSK | 12 | 13 | 24.58 | 0.287 | 24.65 | 0.292 | 24.68 | 0.294 |
| 5 | QPSK | 25 | 0 | 24.59 | 0.288 | 24.69 | 0.294 | 24.61 | 0.289 |
| 5 | 16QAM | 1 | 0 | 24.74 | 0.298 | 24.81 | 0.303 | 24.76 | 0.299 |
| 5 | 16QAM | 1 | 12 | 24.81 | 0.303 | 24.81 | 0.303 | 24.75 | 0.299 |
| 5 | 16QAM | 1 | 24 | 24.82 | 0.303 | 24.81 | 0.303 | 24.77 | 0.300 |
| 5 | 16QAM | 12 | 0 | 23.68 | 0.233 | 23.76 | 0.238 | 23.64 | 0.231 |
| 5 | 16QAM | 12 | 7 | 23.69 | 0.234 | 23.68 | 0.233 | 23.67 | 0.233 |
| 5 | 16QAM | 12 | 13 | 23.63 | 0.231 | 23.67 | 0.233 | 23.56 | 0.227 |
| 5 | 16QAM | 25 | 0 | 23.70 | 0.234 | 23.71 | 0.235 | 23.65 | 0.232 |
| 5 | 64QAM | 1 | 0 | 23.69 | 0.234 | 23.68 | 0.233 | 23.58 | 0.228 |
| 5 | 64QAM | 1 | 12 | 23.58 | 0.228 | 23.62 | 0.230 | 23.59 | 0.229 |
| 5 | 64QAM | 1 | 24 | 23.56 | 0.227 | 23.60 | 0.229 | 23.57 | 0.228 |
| 5 | 64QAM | 12 | 0 | 22.66 | 0.185 | 22.70 | 0.186 | 22.60 | 0.182 |
| 5 | 64QAM | 12 | 7 | 22.66 | 0.185 | 22.69 | 0.186 | 22.64 | 0.184 |
| 5 | 64QAM | 12 | 13 | 22.74 | 0.188 | 22.72 | 0.187 | 22.71 | 0.187 |
| 5 | 64QAM | 25 | 0 | 22.66 | 0.185 | 22.70 | 0.186 | 22.61 | 0.182 |



| LTE Band 41 (Power Class 2) | | | | Measured E.I.R.P. | | | | | |
|-----------------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39750 | | 40620 | | 41490 | |
| Frequency (MHz) | | | | 2506 | | 2593 | | 2680 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 27.85 | 0.610 | 28.14 | 0.652 | 28.08 | 0.643 |
| 20 | QPSK | 1 | 49 | 27.71 | 0.590 | 28.09 | 0.644 | 28.03 | 0.635 |
| 20 | QPSK | 1 | 99 | 27.78 | 0.600 | 28.12 | 0.649 | 28.05 | 0.638 |
| 20 | QPSK | 50 | 0 | 26.93 | 0.493 | 27.15 | 0.519 | 27.01 | 0.502 |
| 20 | QPSK | 50 | 24 | 26.90 | 0.490 | 27.12 | 0.515 | 26.97 | 0.498 |
| 20 | QPSK | 50 | 50 | 26.80 | 0.479 | 27.08 | 0.511 | 27.00 | 0.501 |
| 20 | QPSK | 100 | 0 | 26.87 | 0.486 | 27.05 | 0.507 | 26.99 | 0.500 |
| 20 | 16QAM | 1 | 0 | 27.06 | 0.508 | 27.43 | 0.553 | 27.41 | 0.551 |
| 20 | 16QAM | 1 | 49 | 27.03 | 0.505 | 27.40 | 0.550 | 27.39 | 0.548 |
| 20 | 16QAM | 1 | 99 | 27.02 | 0.504 | 27.38 | 0.547 | 27.31 | 0.538 |
| 20 | 16QAM | 50 | 0 | 25.98 | 0.396 | 26.33 | 0.430 | 26.25 | 0.422 |
| 20 | 16QAM | 50 | 24 | 25.91 | 0.390 | 26.29 | 0.426 | 26.25 | 0.422 |
| 20 | 16QAM | 50 | 50 | 25.95 | 0.394 | 26.31 | 0.428 | 26.28 | 0.425 |
| 20 | 16QAM | 100 | 0 | 25.90 | 0.389 | 26.27 | 0.424 | 26.21 | 0.418 |
| 20 | 64QAM | 1 | 0 | 25.88 | 0.387 | 26.22 | 0.419 | 26.14 | 0.411 |
| 20 | 64QAM | 1 | 49 | 25.85 | 0.385 | 26.21 | 0.418 | 26.17 | 0.414 |
| 20 | 64QAM | 1 | 99 | 25.90 | 0.389 | 26.26 | 0.423 | 26.21 | 0.418 |
| 20 | 64QAM | 50 | 0 | 24.94 | 0.312 | 25.28 | 0.337 | 25.23 | 0.333 |
| 20 | 64QAM | 50 | 24 | 24.94 | 0.312 | 25.26 | 0.336 | 25.20 | 0.331 |
| 20 | 64QAM | 50 | 50 | 24.99 | 0.316 | 25.30 | 0.339 | 25.29 | 0.338 |
| 20 | 64QAM | 100 | 0 | 24.90 | 0.309 | 25.28 | 0.337 | 25.24 | 0.334 |



| LTE Band 41 (Power Class 2) | | | | Measured E.I.R.P. | | | | | |
|-----------------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39725 | | 40620 | | 41515 | |
| Frequency (MHz) | | | | 2503.5 | | 2593 | | 2682.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 27.83 | 0.607 | 28.08 | 0.643 | 28.07 | 0.641 |
| 15 | QPSK | 1 | 37 | 27.64 | 0.581 | 28.03 | 0.635 | 28.02 | 0.634 |
| 15 | QPSK | 1 | 74 | 27.76 | 0.597 | 28.08 | 0.643 | 27.98 | 0.628 |
| 15 | QPSK | 36 | 0 | 26.89 | 0.489 | 27.22 | 0.527 | 27.20 | 0.525 |
| 15 | QPSK | 36 | 20 | 26.84 | 0.483 | 27.18 | 0.522 | 27.09 | 0.512 |
| 15 | QPSK | 36 | 39 | 26.78 | 0.476 | 27.13 | 0.516 | 27.10 | 0.513 |
| 15 | QPSK | 75 | 0 | 26.79 | 0.478 | 27.22 | 0.527 | 27.15 | 0.519 |
| 15 | 16QAM | 1 | 0 | 27.04 | 0.506 | 27.35 | 0.543 | 27.38 | 0.547 |
| 15 | 16QAM | 1 | 37 | 27.01 | 0.502 | 27.33 | 0.541 | 27.31 | 0.538 |
| 15 | 16QAM | 1 | 74 | 27.00 | 0.501 | 27.32 | 0.540 | 27.25 | 0.531 |
| 15 | 16QAM | 36 | 0 | 25.90 | 0.389 | 26.31 | 0.428 | 26.18 | 0.415 |
| 15 | 16QAM | 36 | 20 | 25.86 | 0.385 | 26.21 | 0.418 | 26.22 | 0.419 |
| 15 | 16QAM | 36 | 39 | 25.94 | 0.393 | 26.29 | 0.426 | 26.20 | 0.417 |
| 15 | 16QAM | 75 | 0 | 25.84 | 0.384 | 26.26 | 0.423 | 26.17 | 0.414 |
| 15 | 64QAM | 1 | 0 | 25.85 | 0.385 | 26.18 | 0.415 | 26.13 | 0.410 |
| 15 | 64QAM | 1 | 37 | 25.79 | 0.379 | 26.16 | 0.413 | 26.12 | 0.409 |
| 15 | 64QAM | 1 | 74 | 25.89 | 0.388 | 26.22 | 0.419 | 26.15 | 0.412 |
| 15 | 64QAM | 36 | 0 | 24.92 | 0.310 | 25.24 | 0.334 | 25.22 | 0.333 |
| 15 | 64QAM | 36 | 20 | 24.90 | 0.309 | 25.24 | 0.334 | 25.17 | 0.329 |
| 15 | 64QAM | 36 | 39 | 24.93 | 0.311 | 25.22 | 0.333 | 25.22 | 0.333 |
| 15 | 64QAM | 75 | 0 | 24.85 | 0.305 | 25.24 | 0.334 | 25.19 | 0.330 |



| LTE Band 41 (Power Class 2) | | | | Measured E.I.R.P. | | | | | |
|-----------------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39700 | | 40620 | | 41540 | |
| Frequency (MHz) | | | | 2501 | | 2593 | | 2685 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 27.78 | 0.600 | 28.07 | 0.641 | 28.06 | 0.640 |
| 10 | QPSK | 1 | 25 | 27.67 | 0.585 | 28.07 | 0.641 | 27.98 | 0.628 |
| 10 | QPSK | 1 | 49 | 27.77 | 0.598 | 28.04 | 0.637 | 28.02 | 0.634 |
| 10 | QPSK | 25 | 0 | 26.85 | 0.484 | 27.21 | 0.526 | 27.20 | 0.525 |
| 10 | QPSK | 25 | 12 | 26.87 | 0.486 | 27.16 | 0.520 | 27.14 | 0.518 |
| 10 | QPSK | 25 | 25 | 26.76 | 0.474 | 27.17 | 0.521 | 27.14 | 0.518 |
| 10 | QPSK | 50 | 0 | 26.85 | 0.484 | 27.16 | 0.520 | 27.18 | 0.522 |
| 10 | 16QAM | 1 | 0 | 26.99 | 0.500 | 27.37 | 0.546 | 27.34 | 0.542 |
| 10 | 16QAM | 1 | 25 | 26.97 | 0.498 | 27.39 | 0.548 | 27.38 | 0.547 |
| 10 | 16QAM | 1 | 49 | 26.98 | 0.499 | 27.37 | 0.546 | 27.30 | 0.537 |
| 10 | 16QAM | 25 | 0 | 25.93 | 0.392 | 26.31 | 0.428 | 26.22 | 0.419 |
| 10 | 16QAM | 25 | 12 | 25.90 | 0.389 | 26.21 | 0.418 | 26.22 | 0.419 |
| 10 | 16QAM | 25 | 25 | 25.90 | 0.389 | 26.24 | 0.421 | 26.21 | 0.418 |
| 10 | 16QAM | 50 | 0 | 25.82 | 0.382 | 26.21 | 0.418 | 26.15 | 0.412 |
| 10 | 64QAM | 1 | 0 | 25.81 | 0.381 | 26.18 | 0.415 | 26.11 | 0.408 |
| 10 | 64QAM | 1 | 25 | 25.82 | 0.382 | 26.19 | 0.416 | 26.12 | 0.409 |
| 10 | 64QAM | 1 | 49 | 25.88 | 0.387 | 26.25 | 0.422 | 26.17 | 0.414 |
| 10 | 64QAM | 25 | 0 | 24.89 | 0.308 | 25.22 | 0.333 | 25.18 | 0.330 |
| 10 | 64QAM | 25 | 12 | 24.93 | 0.311 | 25.19 | 0.330 | 25.15 | 0.327 |
| 10 | 64QAM | 25 | 25 | 24.95 | 0.313 | 25.27 | 0.337 | 25.27 | 0.337 |
| 10 | 64QAM | 50 | 0 | 24.85 | 0.305 | 25.26 | 0.336 | 25.21 | 0.332 |



| LTE Band 41 (Power Class 2) | | | | Measured E.I.R.P. | | | | | |
|-----------------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39675 | | 40620 | | 41565 | |
| Frequency (MHz) | | | | 2498.5 | | 2593 | | 2687.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 27.83 | 0.607 | 28.08 | 0.643 | 28.01 | 0.632 |
| 5 | QPSK | 1 | 12 | 27.66 | 0.583 | 28.04 | 0.637 | 27.97 | 0.627 |
| 5 | QPSK | 1 | 24 | 27.72 | 0.592 | 28.07 | 0.641 | 28.04 | 0.637 |
| 5 | QPSK | 12 | 0 | 26.91 | 0.491 | 27.24 | 0.530 | 27.15 | 0.519 |
| 5 | QPSK | 12 | 7 | 26.89 | 0.489 | 27.21 | 0.526 | 27.15 | 0.519 |
| 5 | QPSK | 12 | 13 | 26.79 | 0.478 | 27.14 | 0.518 | 27.10 | 0.513 |
| 5 | QPSK | 25 | 0 | 26.79 | 0.478 | 27.22 | 0.527 | 27.19 | 0.524 |
| 5 | 16QAM | 1 | 0 | 27.04 | 0.506 | 27.35 | 0.543 | 27.37 | 0.546 |
| 5 | 16QAM | 1 | 12 | 27.00 | 0.501 | 27.39 | 0.548 | 27.34 | 0.542 |
| 5 | 16QAM | 1 | 24 | 26.94 | 0.494 | 27.32 | 0.540 | 27.30 | 0.537 |
| 5 | 16QAM | 12 | 0 | 25.97 | 0.395 | 26.31 | 0.428 | 26.20 | 0.417 |
| 5 | 16QAM | 12 | 7 | 25.86 | 0.385 | 26.25 | 0.422 | 26.22 | 0.419 |
| 5 | 16QAM | 12 | 13 | 25.94 | 0.393 | 26.26 | 0.423 | 26.25 | 0.422 |
| 5 | 16QAM | 25 | 0 | 25.86 | 0.385 | 26.19 | 0.416 | 26.14 | 0.411 |
| 5 | 64QAM | 1 | 0 | 25.84 | 0.384 | 26.19 | 0.416 | 26.10 | 0.407 |
| 5 | 64QAM | 1 | 12 | 25.81 | 0.381 | 26.14 | 0.411 | 26.10 | 0.407 |
| 5 | 64QAM | 1 | 24 | 25.84 | 0.384 | 26.23 | 0.420 | 26.20 | 0.417 |
| 5 | 64QAM | 12 | 0 | 24.87 | 0.307 | 25.23 | 0.333 | 25.18 | 0.330 |
| 5 | 64QAM | 12 | 7 | 24.88 | 0.308 | 25.23 | 0.333 | 25.13 | 0.326 |
| 5 | 64QAM | 12 | 13 | 24.98 | 0.315 | 25.26 | 0.336 | 25.22 | 0.333 |
| 5 | 64QAM | 25 | 0 | 24.89 | 0.308 | 25.20 | 0.331 | 25.20 | 0.331 |



| LTE Band 41 (Power Class 3) | | | | Measured E.I.R.P. | | | | | |
|-----------------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39750 | | 40620 | | 41490 | |
| Frequency (MHz) | | | | 2506 | | 2593 | | 2680 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | QPSK | 1 | 0 | 25.29 | 0.338 | 25.66 | 0.368 | 25.61 | 0.364 |
| 20 | QPSK | 1 | 49 | 25.19 | 0.330 | 25.64 | 0.366 | 25.59 | 0.362 |
| 20 | QPSK | 1 | 99 | 25.19 | 0.330 | 25.62 | 0.365 | 25.57 | 0.361 |
| 20 | QPSK | 50 | 0 | 24.20 | 0.263 | 24.68 | 0.294 | 24.63 | 0.290 |
| 20 | QPSK | 50 | 24 | 24.22 | 0.264 | 24.67 | 0.293 | 24.61 | 0.289 |
| 20 | QPSK | 50 | 50 | 24.23 | 0.265 | 24.65 | 0.292 | 24.63 | 0.290 |
| 20 | QPSK | 100 | 0 | 24.21 | 0.264 | 24.68 | 0.294 | 24.62 | 0.290 |
| 20 | 16QAM | 1 | 0 | 24.14 | 0.259 | 24.55 | 0.285 | 24.51 | 0.282 |
| 20 | 16QAM | 1 | 49 | 24.07 | 0.255 | 24.54 | 0.284 | 24.46 | 0.279 |
| 20 | 16QAM | 1 | 99 | 24.20 | 0.263 | 24.64 | 0.291 | 24.63 | 0.290 |
| 20 | 16QAM | 50 | 0 | 23.15 | 0.207 | 23.62 | 0.230 | 23.59 | 0.229 |
| 20 | 16QAM | 50 | 24 | 23.25 | 0.211 | 23.70 | 0.234 | 23.67 | 0.233 |
| 20 | 16QAM | 50 | 50 | 23.26 | 0.212 | 23.68 | 0.233 | 23.67 | 0.233 |
| 20 | 16QAM | 100 | 0 | 23.20 | 0.209 | 23.64 | 0.231 | 23.58 | 0.228 |
| 20 | 64QAM | 1 | 0 | 22.94 | 0.197 | 23.42 | 0.220 | 23.41 | 0.219 |
| 20 | 64QAM | 1 | 49 | 22.91 | 0.195 | 23.38 | 0.218 | 23.31 | 0.214 |
| 20 | 64QAM | 1 | 99 | 22.99 | 0.199 | 23.46 | 0.222 | 23.44 | 0.221 |
| 20 | 64QAM | 50 | 0 | 22.29 | 0.169 | 22.70 | 0.186 | 22.65 | 0.184 |
| 20 | 64QAM | 50 | 24 | 22.36 | 0.172 | 22.77 | 0.189 | 22.71 | 0.187 |
| 20 | 64QAM | 50 | 50 | 22.28 | 0.169 | 22.74 | 0.188 | 22.73 | 0.187 |
| 20 | 64QAM | 100 | 0 | 22.26 | 0.168 | 22.72 | 0.187 | 22.67 | 0.185 |



| LTE Band 41 (Power Class 3) | | | | Measured E.I.R.P. | | | | | |
|-----------------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39725 | | 40620 | | 41515 | |
| Frequency (MHz) | | | | 2503.5 | | 2593 | | 2682.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | QPSK | 1 | 0 | 25.25 | 0.335 | 25.59 | 0.362 | 25.55 | 0.359 |
| 15 | QPSK | 1 | 37 | 25.14 | 0.327 | 25.61 | 0.364 | 25.57 | 0.361 |
| 15 | QPSK | 1 | 74 | 25.15 | 0.327 | 25.60 | 0.363 | 25.56 | 0.360 |
| 15 | QPSK | 36 | 0 | 24.14 | 0.259 | 24.65 | 0.292 | 24.61 | 0.289 |
| 15 | QPSK | 36 | 20 | 24.20 | 0.263 | 24.63 | 0.290 | 24.55 | 0.285 |
| 15 | QPSK | 36 | 39 | 24.19 | 0.262 | 24.63 | 0.290 | 24.57 | 0.286 |
| 15 | QPSK | 75 | 0 | 24.14 | 0.259 | 24.61 | 0.289 | 24.55 | 0.285 |
| 15 | 16QAM | 1 | 0 | 24.13 | 0.259 | 24.52 | 0.283 | 24.50 | 0.282 |
| 15 | 16QAM | 1 | 37 | 24.01 | 0.252 | 24.51 | 0.282 | 24.39 | 0.275 |
| 15 | 16QAM | 1 | 74 | 24.18 | 0.262 | 24.58 | 0.287 | 24.56 | 0.286 |
| 15 | 16QAM | 36 | 0 | 23.09 | 0.204 | 23.57 | 0.228 | 23.58 | 0.228 |
| 15 | 16QAM | 36 | 20 | 23.17 | 0.207 | 23.69 | 0.234 | 23.62 | 0.230 |
| 15 | 16QAM | 36 | 39 | 23.19 | 0.208 | 23.64 | 0.231 | 23.60 | 0.229 |
| 15 | 16QAM | 75 | 0 | 23.15 | 0.207 | 23.59 | 0.229 | 23.53 | 0.225 |
| 15 | 64QAM | 1 | 0 | 22.91 | 0.195 | 23.37 | 0.217 | 23.39 | 0.218 |
| 15 | 64QAM | 1 | 37 | 22.84 | 0.192 | 23.36 | 0.217 | 23.27 | 0.212 |
| 15 | 64QAM | 1 | 74 | 22.93 | 0.196 | 23.44 | 0.221 | 23.37 | 0.217 |
| 15 | 64QAM | 36 | 0 | 22.24 | 0.167 | 22.63 | 0.183 | 22.64 | 0.184 |
| 15 | 64QAM | 36 | 20 | 22.29 | 0.169 | 22.74 | 0.188 | 22.66 | 0.185 |
| 15 | 64QAM | 36 | 39 | 22.25 | 0.168 | 22.67 | 0.185 | 22.65 | 0.184 |
| 15 | 64QAM | 75 | 0 | 22.25 | 0.168 | 22.69 | 0.186 | 22.64 | 0.184 |



| LTE Band 41 (Power Class 3) | | | | Measured E.I.R.P. | | | | | |
|-----------------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39700 | | 40620 | | 41540 | |
| Frequency (MHz) | | | | 2501 | | 2593 | | 2685 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | QPSK | 1 | 0 | 25.26 | 0.336 | 25.64 | 0.366 | 25.53 | 0.357 |
| 10 | QPSK | 1 | 25 | 25.16 | 0.328 | 25.56 | 0.360 | 25.54 | 0.358 |
| 10 | QPSK | 1 | 49 | 25.11 | 0.324 | 25.61 | 0.364 | 25.56 | 0.360 |
| 10 | QPSK | 25 | 0 | 24.16 | 0.261 | 24.67 | 0.293 | 24.61 | 0.289 |
| 10 | QPSK | 25 | 12 | 24.14 | 0.259 | 24.65 | 0.292 | 24.57 | 0.286 |
| 10 | QPSK | 25 | 25 | 24.18 | 0.262 | 24.58 | 0.287 | 24.59 | 0.288 |
| 10 | QPSK | 50 | 0 | 24.17 | 0.261 | 24.60 | 0.288 | 24.58 | 0.287 |
| 10 | 16QAM | 1 | 0 | 24.06 | 0.255 | 24.47 | 0.280 | 24.49 | 0.281 |
| 10 | 16QAM | 1 | 25 | 23.99 | 0.251 | 24.47 | 0.280 | 24.43 | 0.277 |
| 10 | 16QAM | 1 | 49 | 24.17 | 0.261 | 24.62 | 0.290 | 24.60 | 0.288 |
| 10 | 16QAM | 25 | 0 | 23.09 | 0.204 | 23.59 | 0.229 | 23.55 | 0.226 |
| 10 | 16QAM | 25 | 12 | 23.22 | 0.210 | 23.66 | 0.232 | 23.63 | 0.231 |
| 10 | 16QAM | 25 | 25 | 23.18 | 0.208 | 23.63 | 0.231 | 23.60 | 0.229 |
| 10 | 16QAM | 50 | 0 | 23.14 | 0.206 | 23.60 | 0.229 | 23.50 | 0.224 |
| 10 | 64QAM | 1 | 0 | 22.91 | 0.195 | 23.35 | 0.216 | 23.34 | 0.216 |
| 10 | 64QAM | 1 | 25 | 22.83 | 0.192 | 23.34 | 0.216 | 23.27 | 0.212 |
| 10 | 64QAM | 1 | 49 | 22.94 | 0.197 | 23.44 | 0.221 | 23.36 | 0.217 |
| 10 | 64QAM | 25 | 0 | 22.28 | 0.169 | 22.69 | 0.186 | 22.60 | 0.182 |
| 10 | 64QAM | 25 | 12 | 22.28 | 0.169 | 22.72 | 0.187 | 22.70 | 0.186 |
| 10 | 64QAM | 25 | 25 | 22.26 | 0.168 | 22.66 | 0.185 | 22.72 | 0.187 |
| 10 | 64QAM | 50 | 0 | 22.24 | 0.167 | 22.68 | 0.185 | 22.60 | 0.182 |



| LTE Band 41 (Power Class 3) | | | | Measured E.I.R.P. | | | | | |
|-----------------------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 39675 | | 40620 | | 41565 | |
| Frequency (MHz) | | | | 2498.5 | | 2593 | | 2687.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 25.21 | 0.332 | 25.65 | 0.367 | 25.54 | 0.358 |
| 5 | QPSK | 1 | 12 | 25.17 | 0.329 | 25.58 | 0.361 | 25.51 | 0.356 |
| 5 | QPSK | 1 | 24 | 25.14 | 0.327 | 25.55 | 0.359 | 25.52 | 0.356 |
| 5 | QPSK | 12 | 0 | 24.17 | 0.261 | 24.67 | 0.293 | 24.60 | 0.288 |
| 5 | QPSK | 12 | 7 | 24.17 | 0.261 | 24.63 | 0.290 | 24.53 | 0.284 |
| 5 | QPSK | 12 | 13 | 24.16 | 0.261 | 24.60 | 0.288 | 24.56 | 0.286 |
| 5 | QPSK | 25 | 0 | 24.17 | 0.261 | 24.61 | 0.289 | 24.57 | 0.286 |
| 5 | 16QAM | 1 | 0 | 24.08 | 0.256 | 24.52 | 0.283 | 24.47 | 0.280 |
| 5 | 16QAM | 1 | 12 | 24.06 | 0.255 | 24.50 | 0.282 | 24.39 | 0.275 |
| 5 | 16QAM | 1 | 24 | 24.19 | 0.262 | 24.63 | 0.290 | 24.55 | 0.285 |
| 5 | 16QAM | 12 | 0 | 23.10 | 0.204 | 23.59 | 0.229 | 23.53 | 0.225 |
| 5 | 16QAM | 12 | 7 | 23.19 | 0.208 | 23.68 | 0.233 | 23.62 | 0.230 |
| 5 | 16QAM | 12 | 13 | 23.21 | 0.209 | 23.67 | 0.233 | 23.64 | 0.231 |
| 5 | 16QAM | 25 | 0 | 23.15 | 0.207 | 23.59 | 0.229 | 23.57 | 0.228 |
| 5 | 64QAM | 1 | 0 | 22.93 | 0.196 | 23.37 | 0.217 | 23.35 | 0.216 |
| 5 | 64QAM | 1 | 12 | 22.84 | 0.192 | 23.35 | 0.216 | 23.25 | 0.211 |
| 5 | 64QAM | 1 | 24 | 22.92 | 0.196 | 23.44 | 0.221 | 23.40 | 0.219 |
| 5 | 64QAM | 12 | 0 | 22.28 | 0.169 | 22.65 | 0.184 | 22.60 | 0.182 |
| 5 | 64QAM | 12 | 7 | 22.31 | 0.170 | 22.76 | 0.189 | 22.65 | 0.184 |
| 5 | 64QAM | 12 | 13 | 22.23 | 0.167 | 22.73 | 0.187 | 22.66 | 0.185 |
| 5 | 64QAM | 25 | 0 | 22.19 | 0.166 | 22.67 | 0.185 | 22.59 | 0.182 |



| 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 | 25.69 | 0.371 | 25.80 | 0.380 | 25.71 | 0.372 |
| 20 | QPSK | 1 | 49 | 25.60 | 0.363 | 25.67 | 0.369 | 25.64 | 0.366 |
| 20 | QPSK | 1 | 99 | 25.57 | 0.361 | 25.64 | 0.366 | 25.61 | 0.364 |
| 20 | QPSK | 50 | 0 | 24.69 | 0.294 | 24.71 | 0.296 | 24.68 | 0.294 |
| 20 | QPSK | 50 | 24 | 24.71 | 0.296 | 24.77 | 0.300 | 24.75 | 0.299 |
| 20 | QPSK | 50 | 50 | 24.61 | 0.289 | 24.69 | 0.294 | 24.66 | 0.292 |
| 20 | QPSK | 100 | 0 | 24.74 | 0.298 | 24.75 | 0.299 | 24.71 | 0.296 |
| 20 | 16QAM | 1 | 0 | 24.94 | 0.312 | 25.02 | 0.318 | 24.96 | 0.313 |
| 20 | 16QAM | 1 | 49 | 24.96 | 0.313 | 25.00 | 0.316 | 24.95 | 0.313 |
| 20 | 16QAM | 1 | 99 | 24.90 | 0.309 | 24.97 | 0.314 | 24.91 | 0.310 |
| 20 | 16QAM | 50 | 0 | 23.74 | 0.237 | 23.75 | 0.237 | 23.70 | 0.234 |
| 20 | 16QAM | 50 | 24 | 23.65 | 0.232 | 23.71 | 0.235 | 23.64 | 0.231 |
| 20 | 16QAM | 50 | 50 | 23.71 | 0.235 | 23.75 | 0.237 | 23.72 | 0.236 |
| 20 | 16QAM | 100 | 0 | 23.70 | 0.234 | 23.73 | 0.236 | 23.69 | 0.234 |
| 20 | 64QAM | 1 | 0 | 23.95 | 0.248 | 24.00 | 0.251 | 23.96 | 0.249 |
| 20 | 64QAM | 1 | 49 | 23.94 | 0.248 | 23.97 | 0.249 | 23.89 | 0.245 |
| 20 | 64QAM | 1 | 99 | 23.92 | 0.247 | 23.94 | 0.248 | 23.87 | 0.244 |
| 20 | 64QAM | 50 | 0 | 22.72 | 0.187 | 22.80 | 0.191 | 22.75 | 0.188 |
| 20 | 64QAM | 50 | 24 | 22.70 | 0.186 | 22.78 | 0.190 | 22.72 | 0.187 |
| 20 | 64QAM | 50 | 50 | 22.68 | 0.185 | 22.76 | 0.189 | 22.72 | 0.187 |
| 20 | 64QAM | 100 | 0 | 22.69 | 0.186 | 22.76 | 0.189 | 22.70 | 0.186 |



| 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 | 25.68 | 0.370 | 25.71 | 0.372 | 25.70 | 0.372 |
| 15 | QPSK | 1 | 37 | 25.52 | 0.356 | 25.66 | 0.368 | 25.62 | 0.365 |
| 15 | QPSK | 1 | 74 | 25.50 | 0.355 | 25.56 | 0.360 | 25.58 | 0.361 |
| 15 | QPSK | 36 | 0 | 24.63 | 0.290 | 24.66 | 0.292 | 24.62 | 0.290 |
| 15 | QPSK | 36 | 20 | 24.67 | 0.293 | 24.72 | 0.296 | 24.73 | 0.297 |
| 15 | QPSK | 36 | 39 | 24.56 | 0.286 | 24.64 | 0.291 | 24.60 | 0.288 |
| 15 | QPSK | 75 | 0 | 24.71 | 0.296 | 24.73 | 0.297 | 24.65 | 0.292 |
| 15 | 16QAM | 1 | 0 | 24.90 | 0.309 | 25.01 | 0.317 | 24.92 | 0.310 |
| 15 | 16QAM | 1 | 37 | 24.94 | 0.312 | 24.98 | 0.315 | 24.91 | 0.310 |
| 15 | 16QAM | 1 | 74 | 24.87 | 0.307 | 24.96 | 0.313 | 24.83 | 0.304 |
| 15 | 16QAM | 36 | 0 | 23.69 | 0.234 | 23.73 | 0.236 | 23.68 | 0.233 |
| 15 | 16QAM | 36 | 20 | 23.61 | 0.230 | 23.64 | 0.231 | 23.61 | 0.230 |
| 15 | 16QAM | 36 | 39 | 23.68 | 0.233 | 23.68 | 0.233 | 23.66 | 0.232 |
| 15 | 16QAM | 75 | 0 | 23.64 | 0.231 | 23.67 | 0.233 | 23.64 | 0.231 |
| 15 | 64QAM | 1 | 0 | 23.88 | 0.244 | 23.99 | 0.251 | 23.90 | 0.245 |
| 15 | 64QAM | 1 | 37 | 23.88 | 0.244 | 23.90 | 0.245 | 23.87 | 0.244 |
| 15 | 64QAM | 1 | 74 | 23.88 | 0.244 | 23.93 | 0.247 | 23.85 | 0.243 |
| 15 | 64QAM | 36 | 0 | 22.69 | 0.186 | 22.72 | 0.187 | 22.72 | 0.187 |
| 15 | 64QAM | 36 | 20 | 22.67 | 0.185 | 22.76 | 0.189 | 22.67 | 0.185 |
| 15 | 64QAM | 36 | 39 | 22.65 | 0.184 | 22.71 | 0.187 | 22.70 | 0.186 |
| 15 | 64QAM | 75 | 0 | 22.68 | 0.185 | 22.69 | 0.186 | 22.66 | 0.185 |



| 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 | 25.61 | 0.364 | 25.68 | 0.370 | 25.70 | 0.372 |
| 10 | QPSK | 1 | 25 | 25.55 | 0.359 | 25.65 | 0.367 | 25.58 | 0.361 |
| 10 | QPSK | 1 | 49 | 25.52 | 0.356 | 25.61 | 0.364 | 25.58 | 0.361 |
| 10 | QPSK | 25 | 0 | 24.60 | 0.288 | 24.70 | 0.295 | 24.59 | 0.288 |
| 10 | QPSK | 25 | 12 | 24.69 | 0.294 | 24.76 | 0.299 | 24.69 | 0.294 |
| 10 | QPSK | 25 | 25 | 24.59 | 0.288 | 24.61 | 0.289 | 24.59 | 0.288 |
| 10 | QPSK | 50 | 0 | 24.70 | 0.295 | 24.67 | 0.293 | 24.64 | 0.291 |
| 10 | 16QAM | 1 | 0 | 24.89 | 0.308 | 24.95 | 0.313 | 24.91 | 0.310 |
| 10 | 16QAM | 1 | 25 | 24.91 | 0.310 | 24.94 | 0.312 | 24.92 | 0.310 |
| 10 | 16QAM | 1 | 49 | 24.83 | 0.304 | 24.89 | 0.308 | 24.85 | 0.305 |
| 10 | 16QAM | 25 | 0 | 23.66 | 0.232 | 23.70 | 0.234 | 23.68 | 0.233 |
| 10 | 16QAM | 25 | 12 | 23.62 | 0.230 | 23.64 | 0.231 | 23.62 | 0.230 |
| 10 | 16QAM | 25 | 25 | 23.64 | 0.231 | 23.69 | 0.234 | 23.69 | 0.234 |
| 10 | 16QAM | 50 | 0 | 23.62 | 0.230 | 23.69 | 0.234 | 23.61 | 0.230 |
| 10 | 64QAM | 1 | 0 | 23.87 | 0.244 | 23.96 | 0.249 | 23.92 | 0.247 |
| 10 | 64QAM | 1 | 25 | 23.92 | 0.247 | 23.90 | 0.245 | 23.83 | 0.242 |
| 10 | 64QAM | 1 | 49 | 23.88 | 0.244 | 23.90 | 0.245 | 23.86 | 0.243 |
| 10 | 64QAM | 25 | 0 | 22.68 | 0.185 | 22.74 | 0.188 | 22.74 | 0.188 |
| 10 | 64QAM | 25 | 12 | 22.69 | 0.186 | 22.70 | 0.186 | 22.68 | 0.185 |
| 10 | 64QAM | 25 | 25 | 22.66 | 0.185 | 22.68 | 0.185 | 22.70 | 0.186 |
| 10 | 64QAM | 50 | 0 | 22.64 | 0.184 | 22.74 | 0.188 | 22.66 | 0.185 |



| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 131997 | | 132322 | | 132647 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 25.64 | 0.366 | 25.72 | 0.373 | 25.69 | 0.371 |
| 5 | QPSK | 1 | 12 | 25.56 | 0.360 | 25.64 | 0.366 | 25.59 | 0.362 |
| 5 | QPSK | 1 | 24 | 25.54 | 0.358 | 25.61 | 0.364 | 25.55 | 0.359 |
| 5 | QPSK | 12 | 0 | 24.64 | 0.291 | 24.70 | 0.295 | 24.63 | 0.290 |
| 5 | QPSK | 12 | 7 | 24.67 | 0.293 | 24.73 | 0.297 | 24.67 | 0.293 |
| 5 | QPSK | 12 | 13 | 24.54 | 0.284 | 24.64 | 0.291 | 24.61 | 0.289 |
| 5 | QPSK | 25 | 0 | 24.71 | 0.296 | 24.68 | 0.294 | 24.67 | 0.293 |
| 5 | 16QAM | 1 | 0 | 24.87 | 0.307 | 24.95 | 0.313 | 24.90 | 0.309 |
| 5 | 16QAM | 1 | 12 | 24.95 | 0.313 | 24.93 | 0.311 | 24.92 | 0.310 |
| 5 | 16QAM | 1 | 24 | 24.83 | 0.304 | 24.91 | 0.310 | 24.89 | 0.308 |
| 5 | 16QAM | 12 | 0 | 23.73 | 0.236 | 23.68 | 0.233 | 23.65 | 0.232 |
| 5 | 16QAM | 12 | 7 | 23.57 | 0.228 | 23.66 | 0.232 | 23.58 | 0.228 |
| 5 | 16QAM | 12 | 13 | 23.64 | 0.231 | 23.69 | 0.234 | 23.64 | 0.231 |
| 5 | 16QAM | 25 | 0 | 23.64 | 0.231 | 23.71 | 0.235 | 23.61 | 0.230 |
| 5 | 64QAM | 1 | 0 | 23.92 | 0.247 | 23.98 | 0.250 | 23.91 | 0.246 |
| 5 | 64QAM | 1 | 12 | 23.86 | 0.243 | 23.96 | 0.249 | 23.81 | 0.240 |
| 5 | 64QAM | 1 | 24 | 23.86 | 0.243 | 23.86 | 0.243 | 23.84 | 0.242 |
| 5 | 64QAM | 12 | 0 | 22.69 | 0.186 | 22.76 | 0.189 | 22.69 | 0.186 |
| 5 | 64QAM | 12 | 7 | 22.67 | 0.185 | 22.73 | 0.187 | 22.70 | 0.186 |
| 5 | 64QAM | 12 | 13 | 22.65 | 0.184 | 22.72 | 0.187 | 22.66 | 0.185 |
| 5 | 64QAM | 25 | 0 | 22.68 | 0.185 | 22.73 | 0.187 | 22.63 | 0.183 |



| 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 | 25.67 | 0.369 | 25.70 | 0.372 | 25.65 | 0.367 |
| 3 | QPSK | 1 | 8 | 25.59 | 0.362 | 25.65 | 0.367 | 25.56 | 0.360 |
| 3 | QPSK | 1 | 14 | 25.52 | 0.356 | 25.57 | 0.361 | 25.60 | 0.363 |
| 3 | QPSK | 8 | 0 | 24.62 | 0.290 | 24.63 | 0.290 | 24.60 | 0.288 |
| 3 | QPSK | 8 | 4 | 24.68 | 0.294 | 24.74 | 0.298 | 24.74 | 0.298 |
| 3 | QPSK | 8 | 7 | 24.58 | 0.287 | 24.62 | 0.290 | 24.61 | 0.289 |
| 3 | QPSK | 15 | 0 | 24.73 | 0.297 | 24.73 | 0.297 | 24.65 | 0.292 |
| 3 | 16QAM | 1 | 0 | 24.89 | 0.308 | 24.95 | 0.313 | 24.88 | 0.308 |
| 3 | 16QAM | 1 | 8 | 24.91 | 0.310 | 24.96 | 0.313 | 24.91 | 0.310 |
| 3 | 16QAM | 1 | 14 | 24.84 | 0.305 | 24.94 | 0.312 | 24.83 | 0.304 |
| 3 | 16QAM | 8 | 0 | 23.69 | 0.234 | 23.73 | 0.236 | 23.67 | 0.233 |
| 3 | 16QAM | 8 | 4 | 23.60 | 0.229 | 23.63 | 0.231 | 23.62 | 0.230 |
| 3 | 16QAM | 8 | 7 | 23.64 | 0.231 | 23.71 | 0.235 | 23.66 | 0.232 |
| 3 | 16QAM | 15 | 0 | 23.65 | 0.232 | 23.69 | 0.234 | 23.65 | 0.232 |
| 3 | 64QAM | 1 | 0 | 23.89 | 0.245 | 23.95 | 0.248 | 23.91 | 0.246 |
| 3 | 64QAM | 1 | 8 | 23.86 | 0.243 | 23.89 | 0.245 | 23.84 | 0.242 |
| 3 | 64QAM | 1 | 14 | 23.86 | 0.243 | 23.90 | 0.245 | 23.81 | 0.240 |
| 3 | 64QAM | 8 | 0 | 22.66 | 0.185 | 22.72 | 0.187 | 22.70 | 0.186 |
| 3 | 64QAM | 8 | 4 | 22.63 | 0.183 | 22.70 | 0.186 | 22.69 | 0.186 |
| 3 | 64QAM | 8 | 7 | 22.62 | 0.183 | 22.68 | 0.185 | 22.71 | 0.187 |
| 3 | 64QAM | 15 | 0 | 22.68 | 0.185 | 22.69 | 0.186 | 22.67 | 0.185 |



| LTE Band 66 | | | | Measured E.I.R.P. | | | | | |
|-----------------|------------|---------|-----------|-------------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 131979 | | 132322 | | 132665 | |
| Frequency (MHz) | | | | 1710.7 | | 1745 | | 1779.3 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 1.4 | QPSK | 1 | 0 | 25.65 | 0.367 | 25.72 | 0.373 | 25.65 | 0.367 |
| 1.4 | QPSK | 1 | 3 | 25.53 | 0.357 | 25.66 | 0.368 | 25.63 | 0.366 |
| 1.4 | QPSK | 1 | 5 | 25.52 | 0.356 | 25.62 | 0.365 | 25.58 | 0.361 |
| 1.4 | QPSK | 3 | 0 | 25.54 | 0.358 | 25.60 | 0.363 | 25.54 | 0.358 |
| 1.4 | QPSK | 3 | 1 | 25.58 | 0.361 | 25.64 | 0.366 | 25.59 | 0.362 |
| 1.4 | QPSK | 3 | 3 | 25.49 | 0.354 | 25.57 | 0.361 | 25.54 | 0.358 |
| 1.4 | QPSK | 6 | 0 | 24.72 | 0.296 | 24.74 | 0.298 | 24.63 | 0.290 |
| 1.4 | 16QAM | 1 | 0 | 24.92 | 0.310 | 24.94 | 0.312 | 24.94 | 0.312 |
| 1.4 | 16QAM | 1 | 3 | 24.88 | 0.308 | 24.94 | 0.312 | 24.91 | 0.310 |
| 1.4 | 16QAM | 1 | 5 | 24.83 | 0.304 | 24.90 | 0.309 | 24.89 | 0.308 |
| 1.4 | 16QAM | 3 | 0 | 24.59 | 0.288 | 24.60 | 0.288 | 24.53 | 0.284 |
| 1.4 | 16QAM | 3 | 1 | 24.48 | 0.281 | 24.55 | 0.285 | 24.50 | 0.282 |
| 1.4 | 16QAM | 3 | 3 | 24.56 | 0.286 | 24.64 | 0.291 | 24.55 | 0.285 |
| 1.4 | 16QAM | 6 | 0 | 23.65 | 0.232 | 23.72 | 0.236 | 23.64 | 0.231 |
| 1.4 | 64QAM | 1 | 0 | 23.94 | 0.248 | 23.97 | 0.249 | 23.94 | 0.248 |
| 1.4 | 64QAM | 1 | 3 | 23.93 | 0.247 | 23.95 | 0.248 | 23.85 | 0.243 |
| 1.4 | 64QAM | 1 | 5 | 23.86 | 0.243 | 23.89 | 0.245 | 23.80 | 0.240 |
| 1.4 | 64QAM | 3 | 0 | 23.60 | 0.229 | 23.66 | 0.232 | 23.64 | 0.231 |
| 1.4 | 64QAM | 3 | 1 | 23.56 | 0.227 | 23.66 | 0.232 | 23.59 | 0.229 |
| 1.4 | 64QAM | 3 | 3 | 23.52 | 0.225 | 23.63 | 0.231 | 23.61 | 0.230 |
| 1.4 | 64QAM | 6 | 0 | 22.66 | 0.185 | 22.72 | 0.187 | 22.64 | 0.184 |



| 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 | 19.08 | 0.081 | 19.14 | 0.082 | 19.09 | 0.081 |
| 20 | QPSK | 1 | 49 | 18.99 | 0.079 | 19.07 | 0.081 | 19.05 | 0.080 |
| 20 | QPSK | 1 | 99 | 19.04 | 0.080 | 19.08 | 0.081 | 19.07 | 0.081 |
| 20 | QPSK | 50 | 0 | 18.15 | 0.065 | 18.18 | 0.066 | 18.13 | 0.065 |
| 20 | QPSK | 50 | 24 | 18.11 | 0.065 | 18.16 | 0.065 | 18.08 | 0.064 |
| 20 | QPSK | 50 | 50 | 18.10 | 0.065 | 18.13 | 0.065 | 18.08 | 0.064 |
| 20 | QPSK | 100 | 0 | 18.09 | 0.064 | 18.17 | 0.066 | 18.11 | 0.065 |
| 20 | 16QAM | 1 | 0 | 18.37 | 0.069 | 18.42 | 0.070 | 18.36 | 0.069 |
| 20 | 16QAM | 1 | 49 | 18.28 | 0.067 | 18.36 | 0.069 | 18.33 | 0.068 |
| 20 | 16QAM | 1 | 99 | 18.34 | 0.068 | 18.39 | 0.069 | 18.35 | 0.068 |
| 20 | 16QAM | 50 | 0 | 17.17 | 0.052 | 17.21 | 0.053 | 17.18 | 0.052 |
| 20 | 16QAM | 50 | 24 | 17.12 | 0.052 | 17.19 | 0.052 | 17.16 | 0.052 |
| 20 | 16QAM | 50 | 50 | 17.11 | 0.051 | 17.18 | 0.052 | 17.13 | 0.052 |
| 20 | 16QAM | 100 | 0 | 17.17 | 0.052 | 17.20 | 0.052 | 17.14 | 0.052 |
| 20 | 64QAM | 1 | 0 | 17.22 | 0.053 | 17.25 | 0.053 | 17.19 | 0.052 |
| 20 | 64QAM | 1 | 49 | 17.29 | 0.054 | 17.30 | 0.054 | 17.24 | 0.053 |
| 20 | 64QAM | 1 | 99 | 17.27 | 0.053 | 17.28 | 0.053 | 17.23 | 0.053 |
| 20 | 64QAM | 50 | 0 | 16.13 | 0.041 | 16.21 | 0.042 | 16.15 | 0.041 |
| 20 | 64QAM | 50 | 24 | 16.16 | 0.041 | 16.24 | 0.042 | 16.21 | 0.042 |
| 20 | 64QAM | 50 | 50 | 16.12 | 0.041 | 16.19 | 0.042 | 16.15 | 0.041 |
| 20 | 64QAM | 100 | 0 | 16.14 | 0.041 | 16.18 | 0.041 | 16.16 | 0.041 |



| 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 | dBm | W |
| 15 | QPSK | 1 | 0 | 19.07 | 0.081 | 19.09 | 0.081 | 19.05 | 0.080 |
| 15 | QPSK | 1 | 37 | 18.96 | 0.079 | 19.03 | 0.080 | 19.00 | 0.079 |
| 15 | QPSK | 1 | 74 | 19.02 | 0.080 | 19.01 | 0.080 | 19.03 | 0.080 |
| 15 | QPSK | 36 | 0 | 18.15 | 0.065 | 18.15 | 0.065 | 18.12 | 0.065 |
| 15 | QPSK | 36 | 20 | 18.03 | 0.064 | 18.13 | 0.065 | 18.03 | 0.064 |
| 15 | QPSK | 36 | 39 | 18.08 | 0.064 | 18.10 | 0.065 | 18.07 | 0.064 |
| 15 | QPSK | 75 | 0 | 18.04 | 0.064 | 18.10 | 0.065 | 18.06 | 0.064 |
| 15 | 16QAM | 1 | 0 | 18.34 | 0.068 | 18.39 | 0.069 | 18.34 | 0.068 |
| 15 | 16QAM | 1 | 37 | 18.25 | 0.067 | 18.32 | 0.068 | 18.30 | 0.068 |
| 15 | 16QAM | 1 | 74 | 18.32 | 0.068 | 18.31 | 0.068 | 18.33 | 0.068 |
| 15 | 16QAM | 36 | 0 | 17.09 | 0.051 | 17.20 | 0.052 | 17.17 | 0.052 |
| 15 | 16QAM | 36 | 20 | 17.08 | 0.051 | 17.13 | 0.052 | 17.13 | 0.052 |
| 15 | 16QAM | 36 | 39 | 17.08 | 0.051 | 17.12 | 0.052 | 17.06 | 0.051 |
| 15 | 16QAM | 75 | 0 | 17.10 | 0.051 | 17.13 | 0.052 | 17.09 | 0.051 |
| 15 | 64QAM | 1 | 0 | 17.14 | 0.052 | 17.24 | 0.053 | 17.12 | 0.052 |
| 15 | 64QAM | 1 | 37 | 17.24 | 0.053 | 17.29 | 0.054 | 17.17 | 0.052 |
| 15 | 64QAM | 1 | 74 | 17.20 | 0.052 | 17.24 | 0.053 | 17.15 | 0.052 |
| 15 | 64QAM | 36 | 0 | 16.09 | 0.041 | 16.18 | 0.041 | 16.10 | 0.041 |
| 15 | 64QAM | 36 | 20 | 16.08 | 0.041 | 16.20 | 0.042 | 16.15 | 0.041 |
| 15 | 64QAM | 36 | 39 | 16.05 | 0.040 | 16.15 | 0.041 | 16.10 | 0.041 |
| 15 | 64QAM | 75 | 0 | 16.12 | 0.041 | 16.13 | 0.041 | 16.10 | 0.041 |



| 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 | 19.06 | 0.081 | 19.07 | 0.081 | 19.01 | 0.080 |
| 10 | QPSK | 1 | 25 | 18.94 | 0.078 | 18.99 | 0.079 | 18.98 | 0.079 |
| 10 | QPSK | 1 | 49 | 18.96 | 0.079 | 19.00 | 0.079 | 19.06 | 0.081 |
| 10 | QPSK | 25 | 0 | 18.12 | 0.065 | 18.16 | 0.065 | 18.12 | 0.065 |
| 10 | QPSK | 25 | 12 | 18.06 | 0.064 | 18.14 | 0.065 | 18.02 | 0.063 |
| 10 | QPSK | 25 | 25 | 18.07 | 0.064 | 18.06 | 0.064 | 18.03 | 0.064 |
| 10 | QPSK | 50 | 0 | 18.05 | 0.064 | 18.15 | 0.065 | 18.08 | 0.064 |
| 10 | 16QAM | 1 | 0 | 18.36 | 0.069 | 18.35 | 0.068 | 18.29 | 0.067 |
| 10 | 16QAM | 1 | 25 | 18.22 | 0.066 | 18.30 | 0.068 | 18.32 | 0.068 |
| 10 | 16QAM | 1 | 49 | 18.33 | 0.068 | 18.38 | 0.069 | 18.31 | 0.068 |
| 10 | 16QAM | 25 | 0 | 17.14 | 0.052 | 17.20 | 0.052 | 17.16 | 0.052 |
| 10 | 16QAM | 25 | 12 | 17.08 | 0.051 | 17.13 | 0.052 | 17.13 | 0.052 |
| 10 | 16QAM | 25 | 25 | 17.10 | 0.051 | 17.12 | 0.052 | 17.10 | 0.051 |
| 10 | 16QAM | 50 | 0 | 17.15 | 0.052 | 17.17 | 0.052 | 17.09 | 0.051 |
| 10 | 64QAM | 1 | 0 | 17.17 | 0.052 | 17.21 | 0.053 | 17.17 | 0.052 |
| 10 | 64QAM | 1 | 25 | 17.23 | 0.053 | 17.25 | 0.053 | 17.18 | 0.052 |
| 10 | 64QAM | 1 | 49 | 17.24 | 0.053 | 17.24 | 0.053 | 17.17 | 0.052 |
| 10 | 64QAM | 25 | 0 | 16.07 | 0.040 | 16.14 | 0.041 | 16.13 | 0.041 |
| 10 | 64QAM | 25 | 12 | 16.13 | 0.041 | 16.22 | 0.042 | 16.14 | 0.041 |
| 10 | 64QAM | 25 | 25 | 16.06 | 0.040 | 16.16 | 0.041 | 16.09 | 0.041 |
| 10 | 64QAM | 50 | 0 | 16.12 | 0.041 | 16.12 | 0.041 | 16.13 | 0.041 |



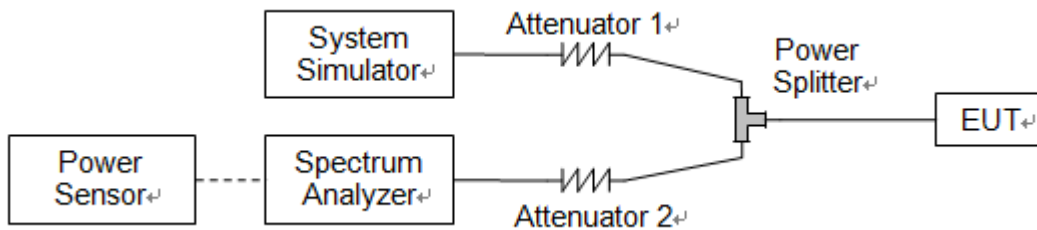
| LTE Band 71 | | | | Measured E.R.P. | | | | | |
|-----------------|------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 133147 | | 133297 | | 133447 | |
| Frequency (MHz) | | | | 665.5 | | 680.5 | | 695.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | QPSK | 1 | 0 | 19.07 | 0.081 | 19.13 | 0.082 | 19.04 | 0.080 |
| 5 | QPSK | 1 | 12 | 18.95 | 0.079 | 19.01 | 0.080 | 19.03 | 0.080 |
| 5 | QPSK | 1 | 24 | 18.99 | 0.079 | 19.06 | 0.081 | 19.05 | 0.080 |
| 5 | QPSK | 12 | 0 | 18.10 | 0.065 | 18.11 | 0.065 | 18.10 | 0.065 |
| 5 | QPSK | 12 | 7 | 18.05 | 0.064 | 18.13 | 0.065 | 18.06 | 0.064 |
| 5 | QPSK | 12 | 13 | 18.08 | 0.064 | 18.10 | 0.065 | 18.04 | 0.064 |
| 5 | QPSK | 25 | 0 | 18.03 | 0.064 | 18.15 | 0.065 | 18.06 | 0.064 |
| 5 | 16QAM | 1 | 0 | 18.36 | 0.069 | 18.34 | 0.068 | 18.30 | 0.068 |
| 5 | 16QAM | 1 | 12 | 18.26 | 0.067 | 18.33 | 0.068 | 18.26 | 0.067 |
| 5 | 16QAM | 1 | 24 | 18.27 | 0.067 | 18.32 | 0.068 | 18.30 | 0.068 |
| 5 | 16QAM | 12 | 0 | 17.13 | 0.052 | 17.15 | 0.052 | 17.14 | 0.052 |
| 5 | 16QAM | 12 | 7 | 17.06 | 0.051 | 17.17 | 0.052 | 17.11 | 0.051 |
| 5 | 16QAM | 12 | 13 | 17.07 | 0.051 | 17.10 | 0.051 | 17.07 | 0.051 |
| 5 | 16QAM | 25 | 0 | 17.15 | 0.052 | 17.12 | 0.052 | 17.09 | 0.051 |
| 5 | 64QAM | 1 | 0 | 17.19 | 0.052 | 17.20 | 0.052 | 17.13 | 0.052 |
| 5 | 64QAM | 1 | 12 | 17.22 | 0.053 | 17.22 | 0.053 | 17.17 | 0.052 |
| 5 | 64QAM | 1 | 24 | 17.26 | 0.053 | 17.25 | 0.053 | 17.21 | 0.053 |
| 5 | 64QAM | 12 | 0 | 16.05 | 0.040 | 16.14 | 0.041 | 16.08 | 0.041 |
| 5 | 64QAM | 12 | 7 | 16.11 | 0.041 | 16.18 | 0.041 | 16.20 | 0.042 |
| 5 | 64QAM | 12 | 13 | 16.07 | 0.040 | 16.12 | 0.041 | 16.08 | 0.041 |
| 5 | 64QAM | 25 | 0 | 16.06 | 0.040 | 16.13 | 0.041 | 16.10 | 0.041 |

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result



| LTE Band 2 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.24 |
| | Low | 16QAM | 1.10 | 1.24 |
| | Low | 64QAM | 1.10 | 1.24 |
| | Mid | QPSK | 1.09 | 1.23 |
| | Mid | 16QAM | 1.10 | 1.23 |
| | Mid | 64QAM | 1.10 | 1.24 |
| | High | QPSK | 1.10 | 1.23 |
| | High | 16QAM | 1.10 | 1.24 |
| | High | 64QAM | 1.10 | 1.22 |
| 3 | Low | QPSK | 2.70 | 3.00 |
| | Low | 16QAM | 2.71 | 3.01 |
| | Low | 64QAM | 2.71 | 3.00 |
| | Mid | QPSK | 2.70 | 3.00 |
| | Mid | 16QAM | 2.70 | 3.01 |
| | Mid | 64QAM | 2.70 | 2.98 |
| | High | QPSK | 2.70 | 3.00 |
| | High | 16QAM | 2.70 | 3.00 |
| | High | 64QAM | 2.70 | 3.00 |
| 5 | Low | QPSK | 4.50 | 5.00 |
| | Low | 16QAM | 4.51 | 4.97 |
| | Low | 64QAM | 4.51 | 5.00 |
| | Mid | QPSK | 4.51 | 4.97 |
| | Mid | 16QAM | 4.51 | 4.95 |
| | Mid | 64QAM | 4.51 | 5.00 |
| | High | QPSK | 4.50 | 4.98 |
| | High | 16QAM | 4.51 | 4.99 |
| | High | 64QAM | 4.51 | 4.95 |
| 10 | Low | QPSK | 9.02 | 9.83 |
| | Low | 16QAM | 8.98 | 9.85 |
| | Low | 64QAM | 9.00 | 9.85 |
| | Mid | QPSK | 9.00 | 9.82 |
| | Mid | 16QAM | 8.99 | 9.79 |
| | Mid | 64QAM | 8.99 | 9.86 |
| | High | QPSK | 9.01 | 9.77 |
| | High | 16QAM | 8.98 | 9.77 |
| | High | 64QAM | 8.99 | 9.86 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.51 | 14.72 |
| | Low | 16QAM | 13.48 | 14.63 |
| | Low | 64QAM | 13.45 | 14.72 |
| | Mid | QPSK | 13.48 | 14.74 |
| | Mid | 16QAM | 13.49 | 14.74 |
| | Mid | 64QAM | 13.48 | 14.75 |
| | High | QPSK | 13.48 | 14.68 |
| | High | 16QAM | 13.48 | 14.77 |
| | High | 64QAM | 13.47 | 14.65 |
| 20 | Low | QPSK | 17.95 | 19.43 |
| | Low | 16QAM | 17.96 | 19.61 |
| | Low | 64QAM | 17.96 | 19.65 |
| | Mid | QPSK | 18.00 | 19.51 |
| | Mid | 16QAM | 18.01 | 19.49 |
| | Mid | 64QAM | 18.00 | 19.64 |
| | High | QPSK | 18.00 | 19.51 |
| | High | 16QAM | 18.00 | 19.57 |
| | High | 64QAM | 17.99 | 19.63 |



| LTE Band 4 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.23 |
| | Low | 16QAM | 1.10 | 1.23 |
| | Low | 64QAM | 1.10 | 1.23 |
| | Mid | QPSK | 1.09 | 1.23 |
| | Mid | 16QAM | 1.10 | 1.23 |
| | Mid | 64QAM | 1.10 | 1.24 |
| | High | QPSK | 1.09 | 1.23 |
| | High | 16QAM | 1.09 | 1.23 |
| | High | 64QAM | 1.09 | 1.23 |
| 3 | Low | QPSK | 2.70 | 3.00 |
| | Low | 16QAM | 2.70 | 3.01 |
| | Low | 64QAM | 2.71 | 3.02 |
| | Mid | QPSK | 2.70 | 2.99 |
| | Mid | 16QAM | 2.70 | 3.02 |
| | Mid | 64QAM | 2.71 | 2.98 |
| | High | QPSK | 2.70 | 2.98 |
| | High | 16QAM | 2.70 | 3.00 |
| | High | 64QAM | 2.70 | 3.00 |
| 5 | Low | QPSK | 4.50 | 4.97 |
| | Low | 16QAM | 4.51 | 4.96 |
| | Low | 64QAM | 4.51 | 5.00 |
| | Mid | QPSK | 4.51 | 4.99 |
| | Mid | 16QAM | 4.51 | 4.95 |
| | Mid | 64QAM | 4.52 | 4.97 |
| | High | QPSK | 4.50 | 4.99 |
| | High | 16QAM | 4.51 | 4.96 |
| | High | 64QAM | 4.52 | 4.99 |
| 10 | Low | QPSK | 9.01 | 9.85 |
| | Low | 16QAM | 8.98 | 9.76 |
| | Low | 64QAM | 8.99 | 9.87 |
| | Mid | QPSK | 9.00 | 9.80 |
| | Mid | 16QAM | 8.97 | 9.79 |
| | Mid | 64QAM | 8.98 | 9.83 |
| | High | QPSK | 9.01 | 9.81 |
| | High | 16QAM | 8.97 | 9.72 |
| | High | 64QAM | 9.00 | 9.83 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.49 | 14.64 |
| | Low | 16QAM | 13.50 | 14.71 |
| | Low | 64QAM | 13.48 | 14.73 |
| | Mid | QPSK | 13.49 | 14.70 |
| | Mid | 16QAM | 13.47 | 14.75 |
| | Mid | 64QAM | 13.46 | 14.71 |
| | High | QPSK | 13.48 | 14.75 |
| | High | 16QAM | 13.48 | 14.76 |
| | High | 64QAM | 13.47 | 14.66 |
| 20 | Low | QPSK | 17.94 | 19.50 |
| | Low | 16QAM | 17.96 | 19.52 |
| | Low | 64QAM | 17.96 | 19.63 |
| | Mid | QPSK | 17.94 | 19.60 |
| | Mid | 16QAM | 17.97 | 19.48 |
| | Mid | 64QAM | 17.97 | 19.48 |
| | High | QPSK | 17.99 | 19.68 |
| | High | 16QAM | 18.03 | 19.42 |
| | High | 64QAM | 18.00 | 19.69 |



| LTE Band 5 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.10 | 1.24 |
| | Low | 16QAM | 1.09 | 1.24 |
| | Low | 64QAM | 1.10 | 1.24 |
| | Mid | QPSK | 1.09 | 1.24 |
| | Mid | 16QAM | 1.10 | 1.24 |
| | Mid | 64QAM | 1.09 | 1.23 |
| | High | QPSK | 1.09 | 1.23 |
| | High | 16QAM | 1.09 | 1.24 |
| | High | 64QAM | 1.09 | 1.23 |
| 3 | Low | QPSK | 2.70 | 2.99 |
| | Low | 16QAM | 2.70 | 3.00 |
| | Low | 64QAM | 2.70 | 2.97 |
| | Mid | QPSK | 2.70 | 2.99 |
| | Mid | 16QAM | 2.70 | 3.01 |
| | Mid | 64QAM | 2.70 | 2.98 |
| | High | QPSK | 2.70 | 2.98 |
| | High | 16QAM | 2.70 | 3.01 |
| | High | 64QAM | 2.70 | 2.99 |
| 5 | Low | QPSK | 4.51 | 5.01 |
| | Low | 16QAM | 4.51 | 4.99 |
| | Low | 64QAM | 4.52 | 4.97 |
| | Mid | QPSK | 4.50 | 5.01 |
| | Mid | 16QAM | 4.50 | 4.96 |
| | Mid | 64QAM | 4.51 | 4.97 |
| | High | QPSK | 4.50 | 5.02 |
| | High | 16QAM | 4.51 | 4.97 |
| | High | 64QAM | 4.51 | 4.95 |
| 10 | Low | QPSK | 8.99 | 9.80 |
| | Low | 16QAM | 8.96 | 9.77 |
| | Low | 64QAM | 8.99 | 9.83 |
| | Mid | QPSK | 8.99 | 9.80 |
| | Mid | 16QAM | 8.94 | 9.73 |
| | Mid | 64QAM | 8.96 | 9.79 |
| | High | QPSK | 8.98 | 9.84 |
| | High | 16QAM | 8.97 | 9.77 |
| | High | 64QAM | 9.00 | 9.84 |



| LTE Band 7 | | | | |
|------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.50 | 4.96 |
| | Low | 16QAM | 4.51 | 4.94 |
| | Low | 64QAM | 4.52 | 4.97 |
| | Mid | QPSK | 4.50 | 4.99 |
| | Mid | 16QAM | 4.51 | 5.00 |
| | Mid | 64QAM | 4.51 | 4.98 |
| | High | QPSK | 4.51 | 5.00 |
| | High | 16QAM | 4.52 | 4.98 |
| | High | 64QAM | 4.52 | 4.97 |
| 10 | Low | QPSK | 9.00 | 9.85 |
| | Low | 16QAM | 8.98 | 9.77 |
| | Low | 64QAM | 9.00 | 9.84 |
| | Mid | QPSK | 9.01 | 9.85 |
| | Mid | 16QAM | 8.99 | 9.74 |
| | Mid | 64QAM | 9.00 | 9.86 |
| | High | QPSK | 9.02 | 9.81 |
| | High | 16QAM | 8.99 | 9.81 |
| | High | 64QAM | 9.01 | 9.86 |
| 15 | Low | QPSK | 13.50 | 14.62 |
| | Low | 16QAM | 13.50 | 14.63 |
| | Low | 64QAM | 13.47 | 14.66 |
| | Mid | QPSK | 13.52 | 14.65 |
| | Mid | 16QAM | 13.49 | 14.64 |
| | Mid | 64QAM | 13.49 | 14.65 |
| | High | QPSK | 13.53 | 14.61 |
| | High | 16QAM | 13.49 | 14.63 |
| | High | 64QAM | 13.48 | 14.58 |
| 20 | Low | QPSK | 17.95 | 19.37 |
| | Low | 16QAM | 17.94 | 19.47 |
| | Low | 64QAM | 17.98 | 19.47 |
| | Mid | QPSK | 18.02 | 19.60 |
| | Mid | 16QAM | 18.04 | 19.57 |
| | Mid | 64QAM | 18.01 | 19.60 |
| | High | QPSK | 18.01 | 19.46 |
| | High | 16QAM | 18.03 | 19.60 |
| | High | 64QAM | 17.99 | 19.71 |



| LTE Band 12 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.23 |
| | Low | 16QAM | 1.10 | 1.23 |
| | Low | 64QAM | 1.10 | 1.23 |
| | Mid | QPSK | 1.10 | 1.24 |
| | Mid | 16QAM | 1.09 | 1.23 |
| | Mid | 64QAM | 1.10 | 1.23 |
| | High | QPSK | 1.09 | 1.24 |
| | High | 16QAM | 1.10 | 1.24 |
| | High | 64QAM | 1.10 | 1.24 |
| 3 | Low | QPSK | 2.70 | 2.99 |
| | Low | 16QAM | 2.70 | 2.99 |
| | Low | 64QAM | 2.70 | 2.99 |
| | Mid | QPSK | 2.70 | 3.00 |
| | Mid | 16QAM | 2.70 | 3.01 |
| | Mid | 64QAM | 2.70 | 2.98 |
| | High | QPSK | 2.70 | 3.01 |
| | High | 16QAM | 2.70 | 2.99 |
| | High | 64QAM | 2.70 | 2.99 |
| 5 | Low | QPSK | 4.51 | 4.99 |
| | Low | 16QAM | 4.50 | 4.95 |
| | Low | 64QAM | 4.52 | 4.98 |
| | Mid | QPSK | 4.50 | 4.98 |
| | Mid | 16QAM | 4.51 | 4.97 |
| | Mid | 64QAM | 4.51 | 4.96 |
| | High | QPSK | 4.50 | 4.95 |
| | High | 16QAM | 4.51 | 4.96 |
| | High | 64QAM | 4.49 | 4.96 |
| 10 | Low | QPSK | 8.98 | 9.76 |
| | Low | 16QAM | 8.97 | 9.70 |
| | Low | 64QAM | 8.97 | 9.79 |
| | Mid | QPSK | 8.99 | 9.73 |
| | Mid | 16QAM | 8.97 | 9.79 |
| | Mid | 64QAM | 8.98 | 9.81 |
| | High | QPSK | 8.98 | 9.77 |
| | High | 16QAM | 8.97 | 9.69 |
| | High | 64QAM | 8.99 | 9.81 |



| LTE Band 13 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.50 | 4.99 |
| | Low | 16QAM | 4.50 | 4.96 |
| | Low | 64QAM | 4.52 | 5.00 |
| | Mid | QPSK | 4.50 | 4.99 |
| | Mid | 16QAM | 4.50 | 4.98 |
| | Mid | 64QAM | 4.52 | 4.98 |
| | High | QPSK | 4.50 | 5.01 |
| | High | 16QAM | 4.50 | 4.95 |
| | High | 64QAM | 4.52 | 4.97 |
| 10 | Low | QPSK | 9.00 | 9.81 |
| | Low | 16QAM | 8.97 | 9.79 |
| | Low | 64QAM | 8.99 | 9.81 |
| | Mid | QPSK | 9.01 | 9.85 |
| | Mid | 16QAM | 8.96 | 9.76 |
| | Mid | 64QAM | 8.96 | 9.76 |
| | High | QPSK | 8.98 | 9.79 |
| | High | 16QAM | 8.97 | 9.77 |
| | High | 64QAM | 8.97 | 9.83 |



| LTE Band 17 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.50 | 4.98 |
| | Low | 16QAM | 4.52 | 4.94 |
| | Low | 64QAM | 4.51 | 4.97 |
| | Mid | QPSK | 4.50 | 5.00 |
| | Mid | 16QAM | 4.50 | 4.97 |
| | Mid | 64QAM | 4.50 | 4.97 |
| | High | QPSK | 4.50 | 4.96 |
| | High | 16QAM | 4.51 | 4.98 |
| | High | 64QAM | 4.52 | 4.97 |
| 10 | Low | QPSK | 8.97 | 9.74 |
| | Low | 16QAM | 8.93 | 9.66 |
| | Low | 64QAM | 8.96 | 9.73 |
| | Mid | QPSK | 8.96 | 9.77 |
| | Mid | 16QAM | 8.93 | 9.71 |
| | Mid | 64QAM | 8.94 | 9.74 |
| | High | QPSK | 8.98 | 9.73 |
| | High | 16QAM | 8.93 | 9.73 |
| | High | 64QAM | 8.96 | 9.72 |

| LTE Band 18 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.48 | 4.77 |
| | Low | 16QAM | 4.51 | 4.94 |
| | Low | 64QAM | 4.50 | 4.96 |
| | Mid | QPSK | 4.50 | 5.00 |
| | Mid | 16QAM | 4.51 | 4.98 |
| | Mid | 64QAM | 4.50 | 4.97 |
| | High | QPSK | 4.51 | 4.97 |
| | High | 16QAM | 4.51 | 4.98 |
| | High | 64QAM | 4.51 | 4.93 |



| LTE Band 25 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.24 |
| | Low | 16QAM | 1.10 | 1.23 |
| | Low | 64QAM | 1.10 | 1.24 |
| | Mid | QPSK | 1.09 | 1.24 |
| | Mid | 16QAM | 1.10 | 1.24 |
| | Mid | 64QAM | 1.10 | 1.23 |
| | High | QPSK | 1.10 | 1.23 |
| | High | 16QAM | 1.09 | 1.23 |
| | High | 64QAM | 1.09 | 1.23 |
| 3 | Low | QPSK | 2.70 | 2.99 |
| | Low | 16QAM | 2.70 | 3.00 |
| | Low | 64QAM | 2.70 | 3.00 |
| | Mid | QPSK | 2.70 | 2.98 |
| | Mid | 16QAM | 2.70 | 3.01 |
| | Mid | 64QAM | 2.70 | 2.99 |
| | High | QPSK | 2.70 | 3.01 |
| | High | 16QAM | 2.69 | 3.00 |
| | High | 64QAM | 2.70 | 2.97 |
| 5 | Low | QPSK | 4.50 | 4.99 |
| | Low | 16QAM | 4.51 | 4.95 |
| | Low | 64QAM | 4.51 | 4.96 |
| | Mid | QPSK | 4.50 | 4.94 |
| | Mid | 16QAM | 4.50 | 4.96 |
| | Mid | 64QAM | 4.50 | 4.98 |
| | High | QPSK | 4.50 | 4.97 |
| | High | 16QAM | 4.51 | 4.97 |
| | High | 64QAM | 4.51 | 4.95 |
| 10 | Low | QPSK | 9.01 | 9.87 |
| | Low | 16QAM | 8.99 | 9.77 |
| | Low | 64QAM | 9.01 | 9.86 |
| | Mid | QPSK | 9.00 | 9.80 |
| | Mid | 16QAM | 8.99 | 9.74 |
| | Mid | 64QAM | 8.99 | 9.82 |
| | High | QPSK | 9.00 | 9.84 |
| | High | 16QAM | 8.97 | 9.75 |
| | High | 64QAM | 8.97 | 9.79 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.46 | 14.65 |
| | Low | 16QAM | 13.47 | 14.72 |
| | Low | 64QAM | 13.44 | 14.58 |
| | Mid | QPSK | 13.45 | 14.64 |
| | Mid | 16QAM | 13.47 | 14.70 |
| | Mid | 64QAM | 13.47 | 14.76 |
| | High | QPSK | 13.47 | 14.60 |
| | High | 16QAM | 13.45 | 14.61 |
| | High | 64QAM | 13.44 | 14.59 |
| 20 | Low | QPSK | 17.92 | 19.49 |
| | Low | 16QAM | 17.93 | 19.55 |
| | Low | 64QAM | 17.96 | 19.63 |
| | Mid | QPSK | 17.98 | 19.53 |
| | Mid | 16QAM | 17.99 | 19.45 |
| | Mid | 64QAM | 17.99 | 19.67 |
| | High | QPSK | 17.93 | 19.47 |
| | High | 16QAM | 17.92 | 19.49 |
| | High | 64QAM | 17.96 | 19.50 |



| LTE Band 26 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.24 |
| | Low | 16QAM | 1.10 | 1.23 |
| | Low | 64QAM | 1.09 | 1.23 |
| | Mid | QPSK | 1.09 | 1.24 |
| | Mid | 16QAM | 1.10 | 1.23 |
| | Mid | 64QAM | 1.10 | 1.24 |
| | High | QPSK | 1.09 | 1.24 |
| | High | 16QAM | 1.10 | 1.24 |
| | High | 64QAM | 1.09 | 1.24 |
| 3 | Low | QPSK | 2.70 | 3.02 |
| | Low | 16QAM | 2.70 | 3.01 |
| | Low | 64QAM | 2.70 | 2.97 |
| | Mid | QPSK | 2.70 | 3.01 |
| | Mid | 16QAM | 2.70 | 3.00 |
| | Mid | 64QAM | 2.70 | 3.00 |
| | High | QPSK | 2.70 | 2.99 |
| | High | 16QAM | 2.70 | 3.01 |
| | High | 64QAM | 2.70 | 2.98 |
| 5 | Low | QPSK | 4.50 | 4.92 |
| | Low | 16QAM | 4.51 | 4.98 |
| | Low | 64QAM | 4.51 | 4.99 |
| | Mid | QPSK | 4.50 | 4.94 |
| | Mid | 16QAM | 4.50 | 4.97 |
| | Mid | 64QAM | 4.51 | 4.97 |
| | High | QPSK | 4.51 | 4.99 |
| | High | 16QAM | 4.51 | 4.96 |
| | High | 64QAM | 4.51 | 4.92 |
| 10 | Low | QPSK | 9.03 | 9.84 |
| | Low | 16QAM | 8.97 | 9.82 |
| | Low | 64QAM | 8.99 | 9.83 |
| | Mid | QPSK | 8.97 | 9.82 |
| | Mid | 16QAM | 8.96 | 9.76 |
| | Mid | 64QAM | 8.95 | 9.81 |
| | High | QPSK | 9.02 | 9.78 |
| | High | 16QAM | 8.98 | 9.74 |
| | High | 64QAM | 9.00 | 9.84 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.51 | 14.68 |
| | Low | 16QAM | 13.49 | 14.89 |
| | Low | 64QAM | 13.49 | 14.78 |
| | Mid | QPSK | 13.44 | 14.68 |
| | Mid | 16QAM | 13.45 | 14.72 |
| | Mid | 64QAM | 13.44 | 14.69 |
| | High | QPSK | 13.48 | 14.64 |
| | High | 16QAM | 13.48 | 14.60 |
| | High | 64QAM | 13.46 | 14.64 |



| LTE Band 38 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.52 | 5.17 |
| | Low | 16QAM | 4.52 | 4.99 |
| | Low | 64QAM | 4.51 | 4.94 |
| | Mid | QPSK | 4.50 | 4.97 |
| | Mid | 16QAM | 4.51 | 5.05 |
| | Mid | 64QAM | 4.51 | 4.92 |
| | High | QPSK | 4.50 | 5.22 |
| | High | 16QAM | 4.51 | 4.96 |
| | High | 64QAM | 4.53 | 4.98 |
| 10 | Low | QPSK | 8.99 | 10.15 |
| | Low | 16QAM | 8.98 | 9.75 |
| | Low | 64QAM | 8.99 | 10.00 |
| | Mid | QPSK | 8.97 | 9.93 |
| | Mid | 16QAM | 8.98 | 9.80 |
| | Mid | 64QAM | 8.99 | 9.78 |
| | High | QPSK | 8.98 | 9.77 |
| | High | 16QAM | 8.96 | 9.75 |
| | High | 64QAM | 8.98 | 10.06 |
| 15 | Low | QPSK | 13.48 | 15.17 |
| | Low | 16QAM | 13.48 | 14.91 |
| | Low | 64QAM | 13.46 | 14.96 |
| | Mid | QPSK | 13.46 | 15.55 |
| | Mid | 16QAM | 13.48 | 14.71 |
| | Mid | 64QAM | 13.46 | 14.87 |
| | High | QPSK | 13.46 | 15.55 |
| | High | 16QAM | 13.48 | 14.72 |
| | High | 64QAM | 13.49 | 14.99 |
| 20 | Low | QPSK | 17.95 | 19.56 |
| | Low | 16QAM | 17.93 | 19.99 |
| | Low | 64QAM | 17.95 | 20.60 |
| | Mid | QPSK | 17.96 | 19.46 |
| | Mid | 16QAM | 17.92 | 19.81 |
| | Mid | 64QAM | 17.96 | 20.44 |
| | High | QPSK | 17.97 | 19.48 |
| | High | 16QAM | 17.92 | 19.63 |
| | High | 64QAM | 17.98 | 20.77 |



| LTE Band 41 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.52 | 5.04 |
| | Low | 16QAM | 4.51 | 5.13 |
| | Low | 64QAM | 4.50 | 4.91 |
| | Mid | QPSK | 4.52 | 5.04 |
| | Mid | 16QAM | 4.52 | 4.97 |
| | Mid | 64QAM | 4.51 | 4.93 |
| | High | QPSK | 4.51 | 4.95 |
| | High | 16QAM | 4.52 | 5.18 |
| | High | 64QAM | 4.51 | 4.90 |
| 10 | Low | QPSK | 9.00 | 10.17 |
| | Low | 16QAM | 8.99 | 9.77 |
| | Low | 64QAM | 9.00 | 10.01 |
| | Mid | QPSK | 9.00 | 9.89 |
| | Mid | 16QAM | 8.97 | 9.65 |
| | Mid | 64QAM | 8.99 | 9.88 |
| | High | QPSK | 8.98 | 10.06 |
| | High | 16QAM | 8.99 | 9.94 |
| | High | 64QAM | 9.01 | 9.91 |
| 15 | Low | QPSK | 13.49 | 15.37 |
| | Low | 16QAM | 13.48 | 14.69 |
| | Low | 64QAM | 13.45 | 14.58 |
| | Mid | QPSK | 13.50 | 15.20 |
| | Mid | 16QAM | 13.50 | 14.74 |
| | Mid | 64QAM | 13.51 | 14.88 |
| | High | QPSK | 13.49 | 15.32 |
| | High | 16QAM | 13.51 | 14.64 |
| | High | 64QAM | 13.44 | 14.93 |
| 20 | Low | QPSK | 17.96 | 19.40 |
| | Low | 16QAM | 18.00 | 20.69 |
| | Low | 64QAM | 17.97 | 19.70 |
| | Mid | QPSK | 17.97 | 19.35 |
| | Mid | 16QAM | 17.97 | 19.85 |
| | Mid | 64QAM | 17.96 | 21.03 |
| | High | QPSK | 17.99 | 19.58 |
| | High | 16QAM | 17.99 | 20.09 |
| | High | 64QAM | 17.95 | 19.65 |



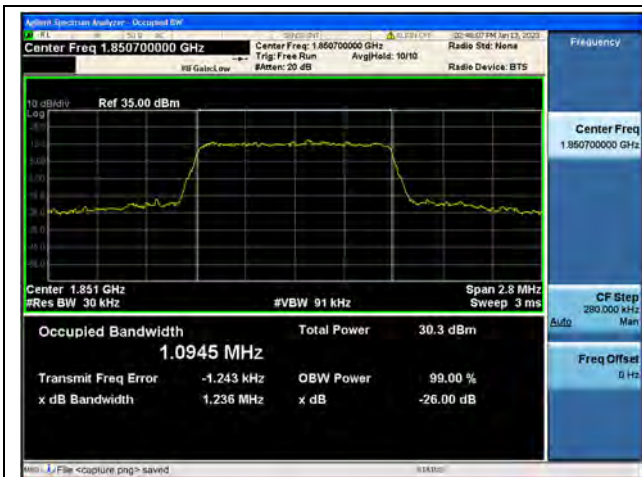
| LTE Band 66 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 1.4 | Low | QPSK | 1.09 | 1.23 |
| | Low | 16QAM | 1.09 | 1.23 |
| | Low | 64QAM | 1.09 | 1.24 |
| | Mid | QPSK | 1.09 | 1.24 |
| | Mid | 16QAM | 1.09 | 1.23 |
| | Mid | 64QAM | 1.09 | 1.24 |
| | High | QPSK | 1.10 | 1.24 |
| | High | 16QAM | 1.10 | 1.24 |
| | High | 64QAM | 1.10 | 1.23 |
| 3 | Low | QPSK | 2.70 | 3.00 |
| | Low | 16QAM | 2.72 | 2.94 |
| | Low | 64QAM | 2.70 | 2.99 |
| | Mid | QPSK | 2.70 | 2.99 |
| | Mid | 16QAM | 2.70 | 3.01 |
| | Mid | 64QAM | 2.70 | 2.93 |
| | High | QPSK | 2.70 | 2.99 |
| | High | 16QAM | 2.70 | 3.01 |
| | High | 64QAM | 2.70 | 2.98 |
| 5 | Low | QPSK | 4.50 | 5.00 |
| | Low | 16QAM | 4.51 | 4.98 |
| | Low | 64QAM | 4.51 | 4.97 |
| | Mid | QPSK | 4.51 | 4.95 |
| | Mid | 16QAM | 4.50 | 4.96 |
| | Mid | 64QAM | 4.52 | 4.95 |
| | High | QPSK | 4.51 | 5.00 |
| | High | 16QAM | 4.51 | 4.94 |
| | High | 64QAM | 4.52 | 4.96 |
| 10 | Low | QPSK | 9.00 | 9.76 |
| | Low | 16QAM | 8.98 | 9.77 |
| | Low | 64QAM | 9.00 | 9.90 |
| | Mid | QPSK | 9.01 | 9.75 |
| | Mid | 16QAM | 8.98 | 9.79 |
| | Mid | 64QAM | 9.00 | 9.82 |
| | High | QPSK | 9.00 | 9.79 |
| | High | 16QAM | 8.99 | 9.82 |
| | High | 64QAM | 9.02 | 9.87 |



| | | | | |
|----|------|-------|-------|-------|
| 15 | Low | QPSK | 13.52 | 14.58 |
| | Low | 16QAM | 13.49 | 14.66 |
| | Low | 64QAM | 13.47 | 14.79 |
| | Mid | QPSK | 13.45 | 14.37 |
| | Mid | 16QAM | 13.47 | 14.59 |
| | Mid | 64QAM | 13.45 | 14.61 |
| | High | QPSK | 13.52 | 14.69 |
| | High | 16QAM | 13.50 | 14.66 |
| | High | 64QAM | 13.49 | 14.68 |
| 20 | Low | QPSK | 17.98 | 19.50 |
| | Low | 16QAM | 17.96 | 19.52 |
| | Low | 64QAM | 18.00 | 19.52 |
| | Mid | QPSK | 17.95 | 19.40 |
| | Mid | 16QAM | 17.98 | 19.55 |
| | Mid | 64QAM | 17.98 | 19.57 |
| | High | QPSK | 18.33 | 19.23 |
| | High | 16QAM | 18.01 | 19.49 |
| | High | 64QAM | 18.25 | 19.27 |



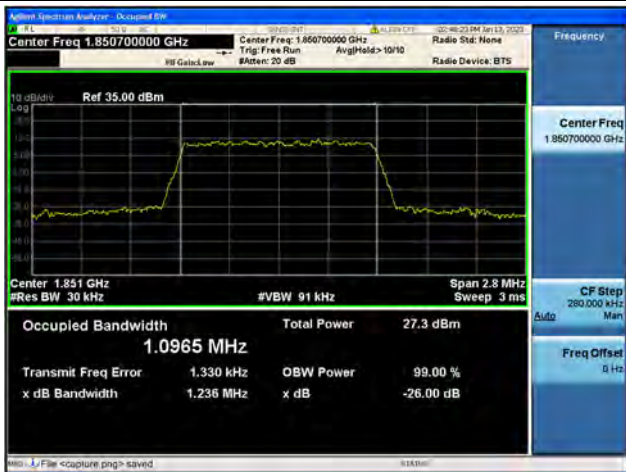
| LTE Band 71 | | | | |
|-------------|---------------|------------|-------------|--------------|
| BW(MHz) | Channel Level | Modulation | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | Low | QPSK | 4.49 | 4.98 |
| | Low | 16QAM | 4.50 | 4.95 |
| | Low | 64QAM | 4.51 | 4.95 |
| | Mid | QPSK | 4.50 | 4.98 |
| | Mid | 16QAM | 4.51 | 4.94 |
| | Mid | 64QAM | 4.51 | 4.99 |
| | High | QPSK | 4.50 | 4.98 |
| | High | 16QAM | 4.50 | 4.98 |
| | High | 64QAM | 4.50 | 4.97 |
| 10 | Low | QPSK | 8.99 | 9.77 |
| | Low | 16QAM | 8.96 | 9.71 |
| | Low | 64QAM | 8.97 | 9.74 |
| | Mid | QPSK | 8.98 | 9.73 |
| | Mid | 16QAM | 8.95 | 9.73 |
| | Mid | 64QAM | 8.97 | 9.77 |
| | High | QPSK | 8.96 | 9.76 |
| | High | 16QAM | 8.96 | 9.75 |
| | High | 64QAM | 8.96 | 9.80 |
| 15 | Low | QPSK | 13.43 | 14.53 |
| | Low | 16QAM | 13.45 | 14.72 |
| | Low | 64QAM | 13.42 | 14.64 |
| | Mid | QPSK | 13.43 | 14.52 |
| | Mid | 16QAM | 13.44 | 14.68 |
| | Mid | 64QAM | 13.44 | 14.45 |
| | High | QPSK | 13.47 | 14.66 |
| | High | 16QAM | 13.45 | 14.66 |
| | High | 64QAM | 13.44 | 14.68 |
| 20 | Low | QPSK | 17.88 | 19.34 |
| | Low | 16QAM | 17.89 | 19.42 |
| | Low | 64QAM | 17.84 | 19.50 |
| | Mid | QPSK | 17.97 | 19.47 |
| | Mid | 16QAM | 17.97 | 19.50 |
| | Mid | 64QAM | 17.94 | 19.52 |
| | High | QPSK | 17.97 | 19.40 |
| | High | 16QAM | 18.01 | 19.46 |
| | High | 64QAM | 18.00 | 19.60 |



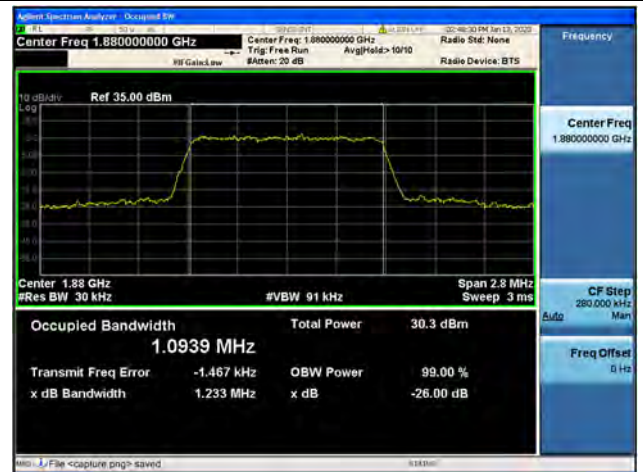
Band2 / 1.4MHz / QPSK/ Low CH



Band2 / 1.4MHz / 16QAM/ Low CH



Band2 / 1.4MHz / 64QAM/ Low CH



Band2 / 1.4MHz / QPSK/ Mid CH



Band2 / 1.4MHz / 16QAM/ Mid CH



Band2 / 1.4MHz / 64QAM/ Mid CH



Band2 / 1.4MHz / QPSK/ High CH



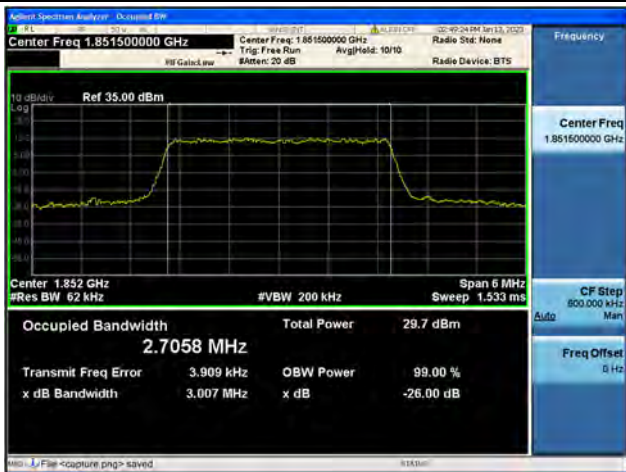
Band2 / 1.4MHz / 16QAM/ High CH



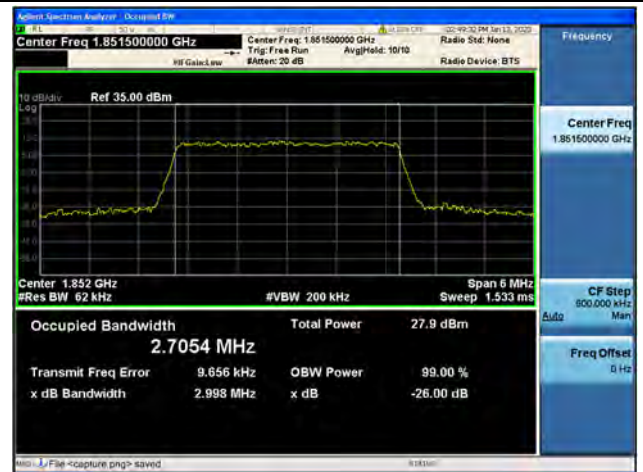
Band2 / 1.4MHz / 64QAM/ High CH



Band2 / 3MHz / QPSK/ Low CH



Band2 / 3MHz / 16QAM/ Low CH



Band2 / 3MHz / 64QAM/ Low CH



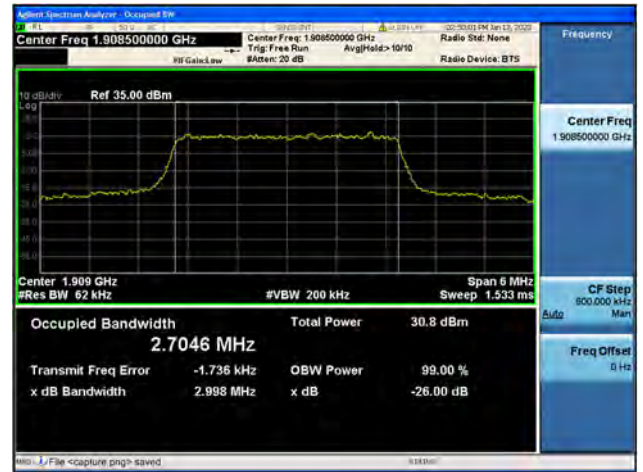
Band2 / 3MHz / QPSK/ Mid CH



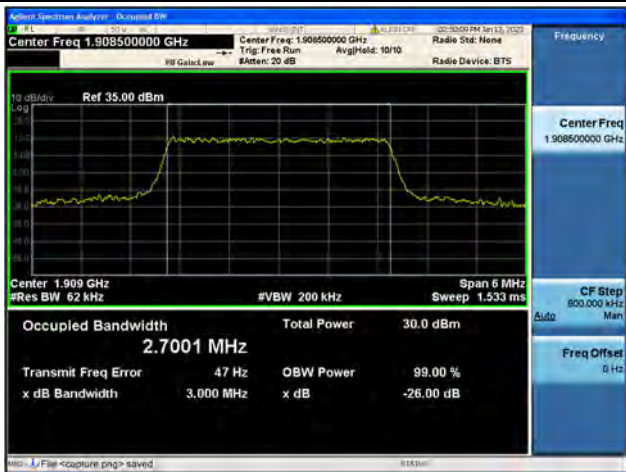
Band2 / 3MHz / 16QAM/ Mid CH



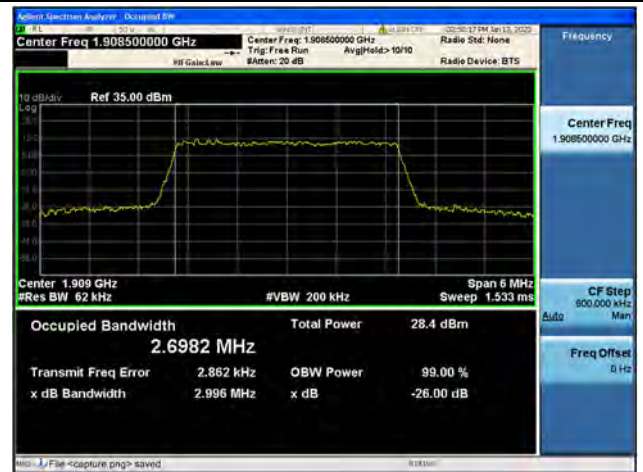
Band2 / 3MHz / 64QAM/ Mid CH



Band2 / 3MHz / QPSK/ High CH



Band2 / 3MHz / 16QAM/ High CH



Band2 / 3MHz / 64QAM/ High CH



Band2 / 5MHz / QPSK/ Low CH



Band2 / 5MHz / 16QAM/ Low CH



Band2 / 5MHz / 64QAM/ Low CH



Band2 / 5MHz / QPSK/ Mid CH



Band2 / 5MHz / 16QAM/ Mid CH



Band2 / 5MHz / 64QAM/ Mid CH



Band2 / 5MHz / QPSK/ High CH



Band2 / 5MHz / 16QAM/ High CH



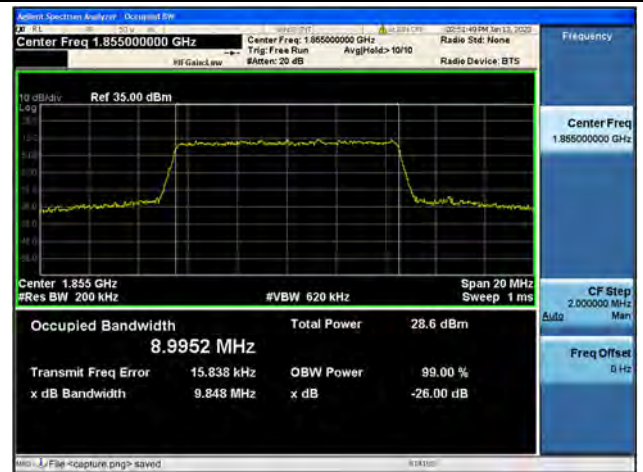
Band2 / 5MHz / 64QAM/ High CH



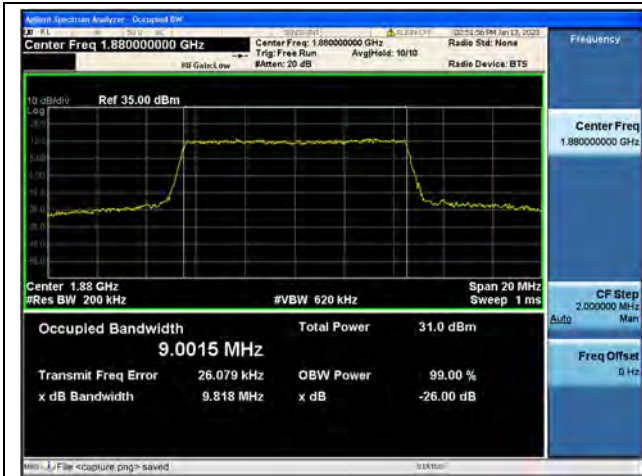
Band2 / 10MHz / QPSK/ Low CH



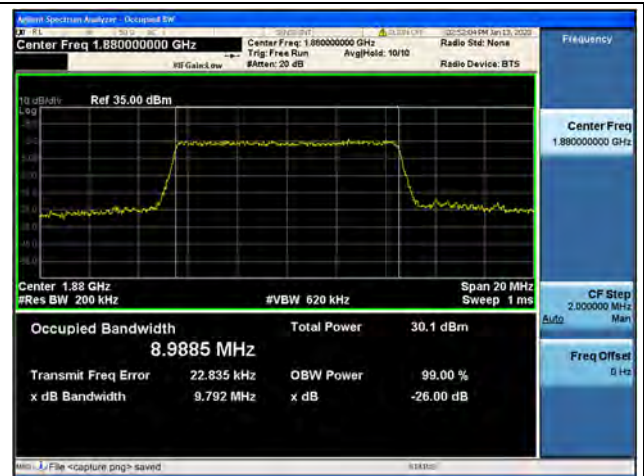
Band2 / 10MHz / 16QAM/ Low CH



Band2 / 10MHz / 64QAM/ Low CH



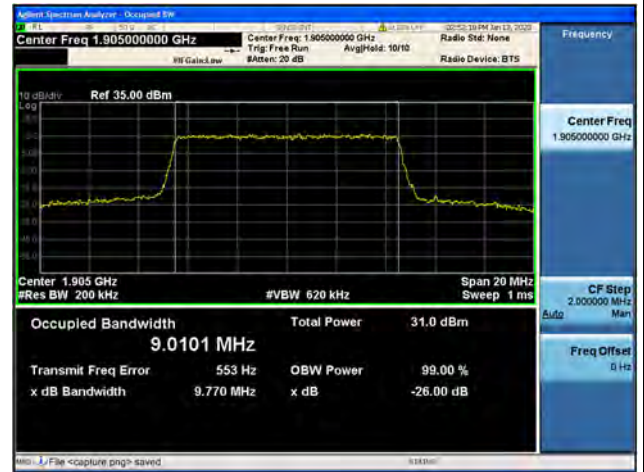
Band2 / 10MHz / QPSK/ Mid CH



Band2 / 10MHz / 16QAM/ Mid CH



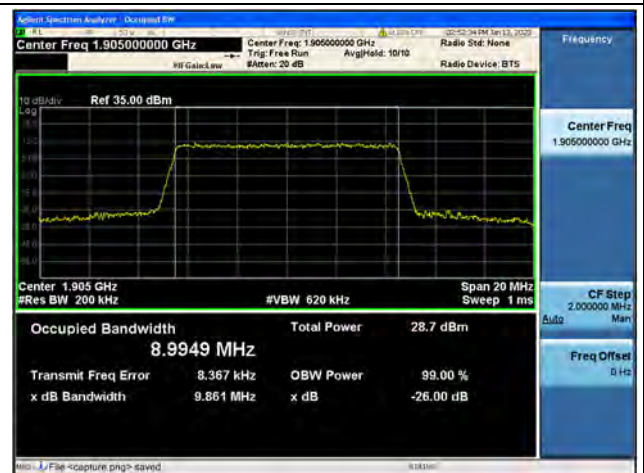
Band2 / 10MHz / 64QAM/ Mid CH



Band2 / 10MHz / QPSK/ High CH



Band2 / 10MHz / 16QAM/ High CH



Band2 / 10MHz / 64QAM/ High CH



Band2 / 15MHz / QPSK/ Low CH



Band2 / 15MHz / 16QAM/ Low CH



Band2 / 15MHz / 64QAM/ Low CH



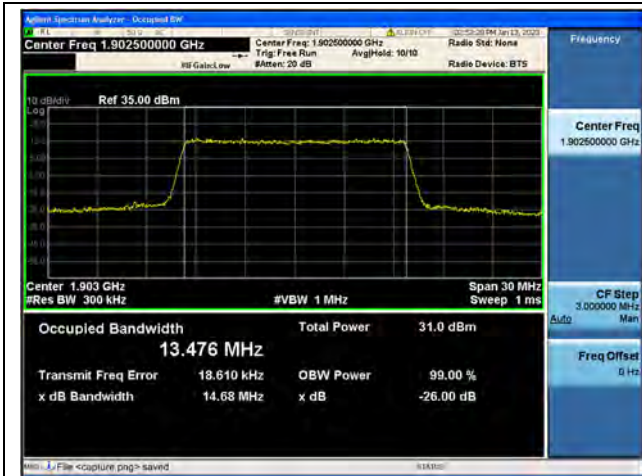
Band2 / 15MHz / QPSK/ Mid CH



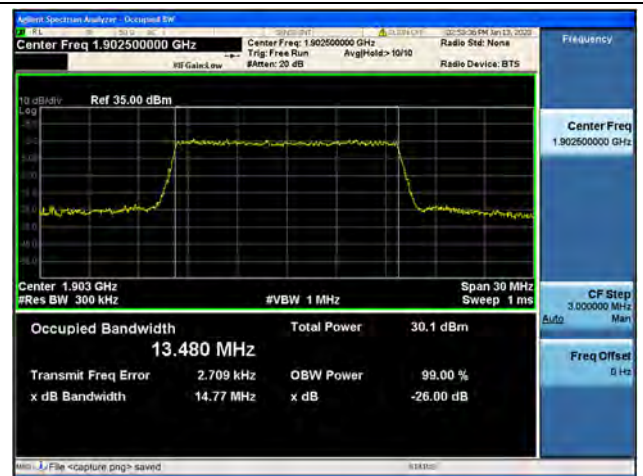
Band2 / 15MHz / 16QAM/ Mid CH



Band2 / 15MHz / 64QAM/ Mid CH



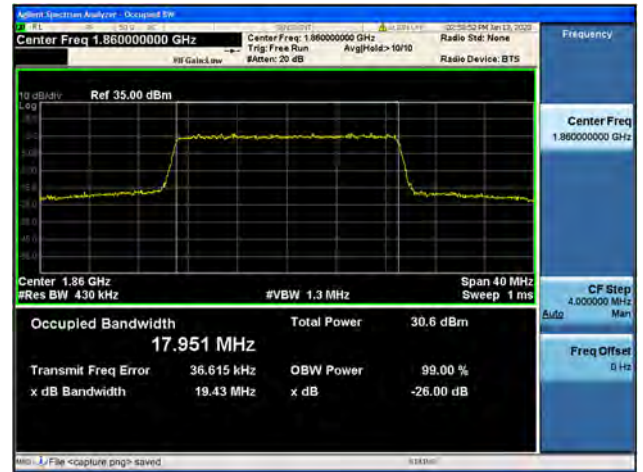
Band2 / 15MHz / QPSK/ High CH



Band2 / 15MHz / 16QAM/ High CH



Band2 / 15MHz / 64QAM/ High CH



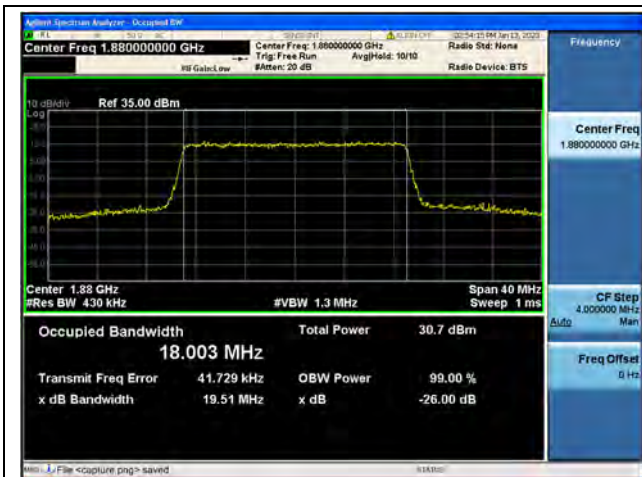
Band2 / 20MHz / QPSK/ Low CH



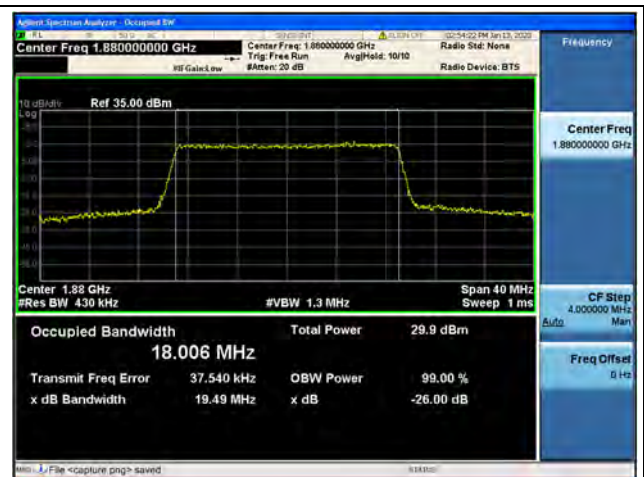
Band2 / 20MHz / 16QAM/ Low CH



Band2 / 20MHz / 64QAM/ Low CH



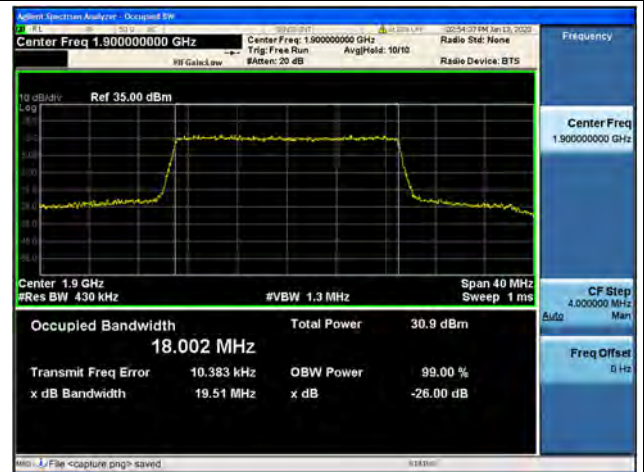
Band2 / 20MHz / QPSK/ Mid CH



Band2 / 20MHz / 16QAM/ Mid CH



Band2 / 20MHz / 64QAM/ Mid CH



Band2 / 20MHz / QPSK/ High CH



Band2 / 20MHz / 16QAM/ High CH



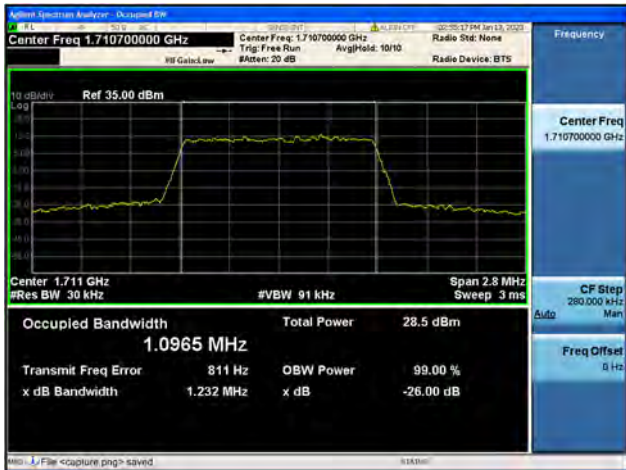
Band2 / 20MHz / 64QAM/ High CH



Band4 / 1.4MHz / QPSK/ Low CH



Band4 / 1.4MHz / 16QAM/ Low CH



Band4 / 1.4MHz / 64QAM/ Low CH



Band4 / 1.4MHz / QPSK/ Mid CH



Band4 / 1.4MHz / 16QAM/ Mid CH



Band4 / 1.4MHz / 64QAM/ Mid CH



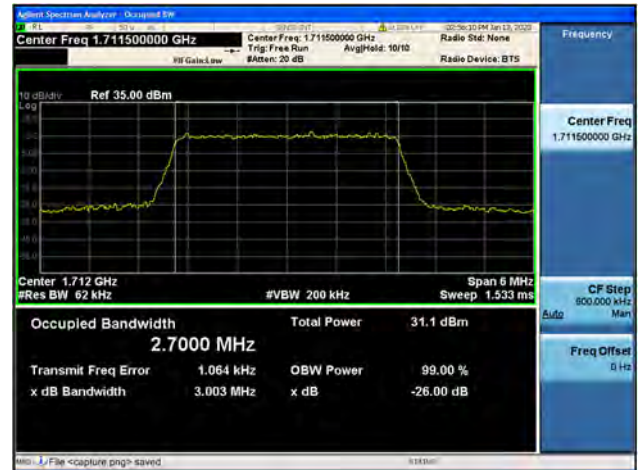
Band4 / 1.4MHz / QPSK/ High CH



Band4 / 1.4MHz / 16QAM/ High CH



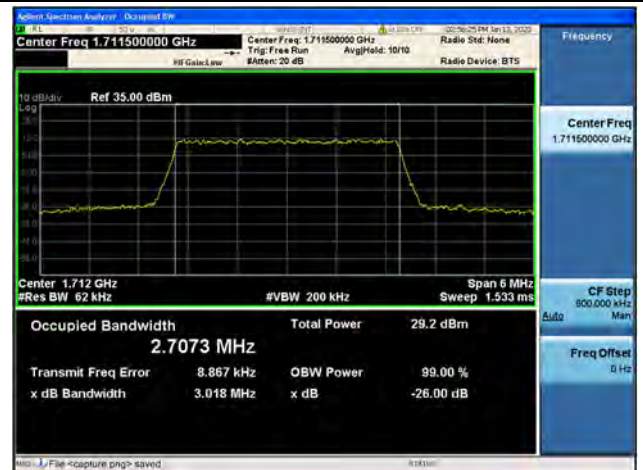
Band4 / 1.4MHz / 64QAM/ High CH



Band4 / 3MHz / QPSK/ Low CH



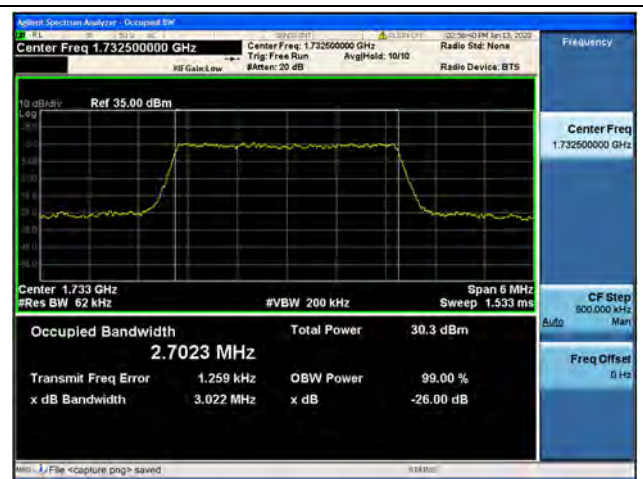
Band4 / 3MHz / 16QAM/ Low CH



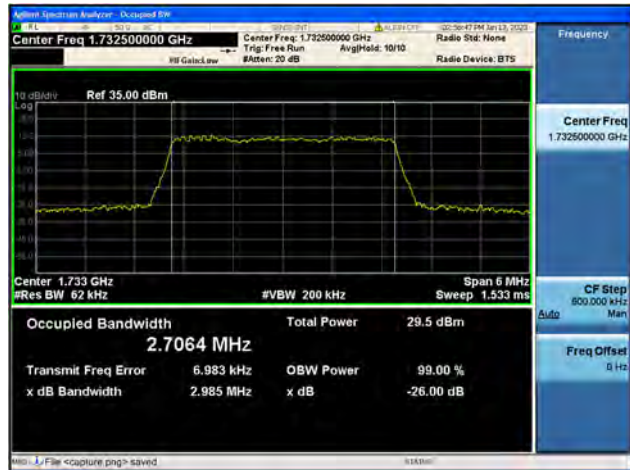
Band4 / 3MHz / 64QAM/ Low CH



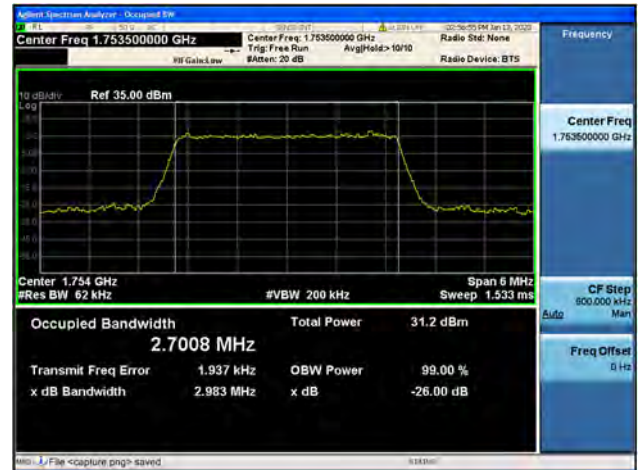
Band4 / 3MHz / QPSK/ Mid CH



Band4 / 3MHz / 16QAM/ Mid CH



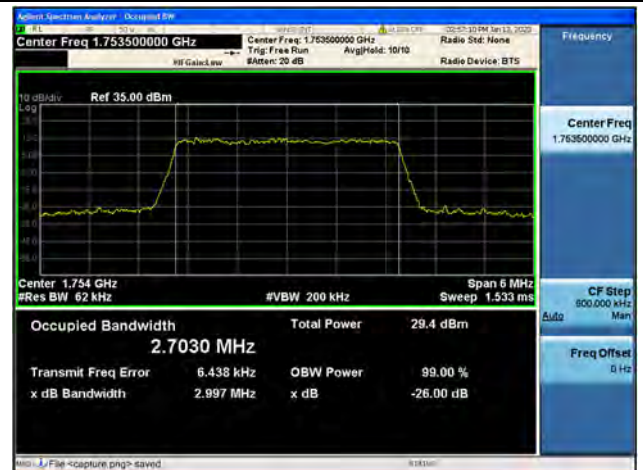
Band4 / 3MHz / 64QAM/ Mid CH



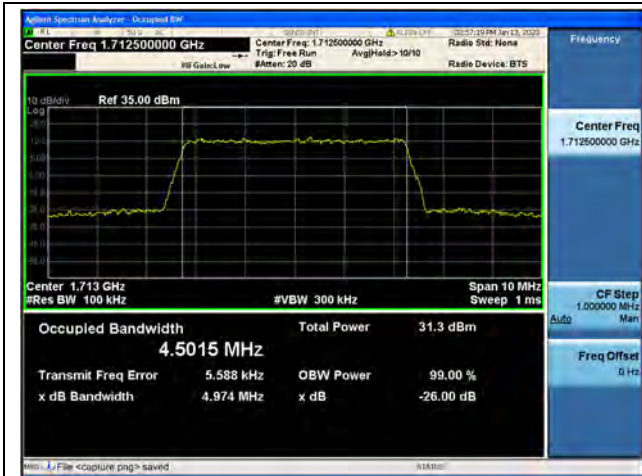
Band4 / 3MHz / QPSK/ High CH



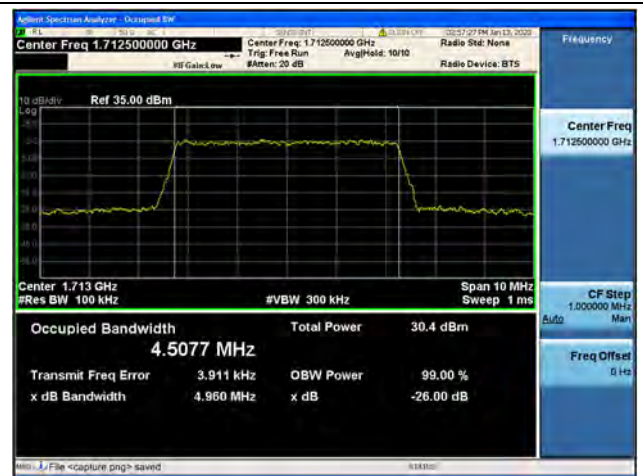
Band4 / 3MHz / 16QAM/ High CH



Band4 / 3MHz / 64QAM/ High CH



Band4 / 5MHz / QPSK/ Low CH



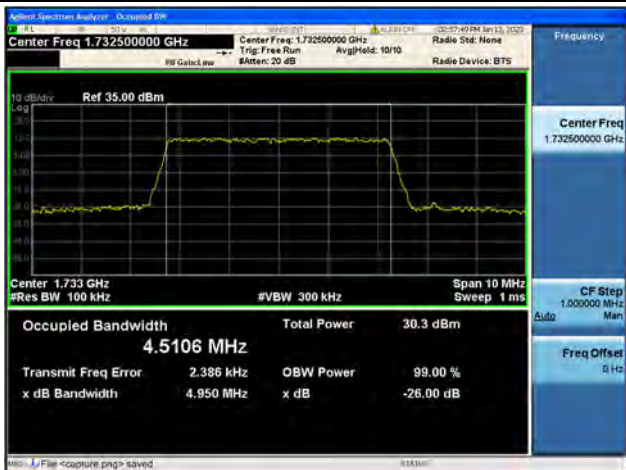
Band4 / 5MHz / 16QAM/ Low CH



Band4 / 5MHz / 64QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



Band4 / 5MHz / 16QAM/ Mid CH



Band4 / 5MHz / 64QAM/ Mid CH



Band4 / 5MHz / QPSK/ High CH



Band4 / 5MHz / 16QAM/ High CH



Band4 / 5MHz / 64QAM/ High CH



Band4 / 10MHz / QPSK/ Low CH



Band4 / 10MHz / 16QAM/ Low CH



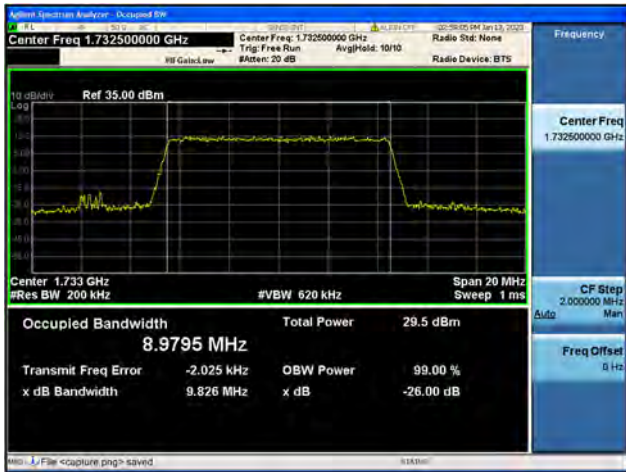
Band4 / 10MHz / 64QAM/ Low CH



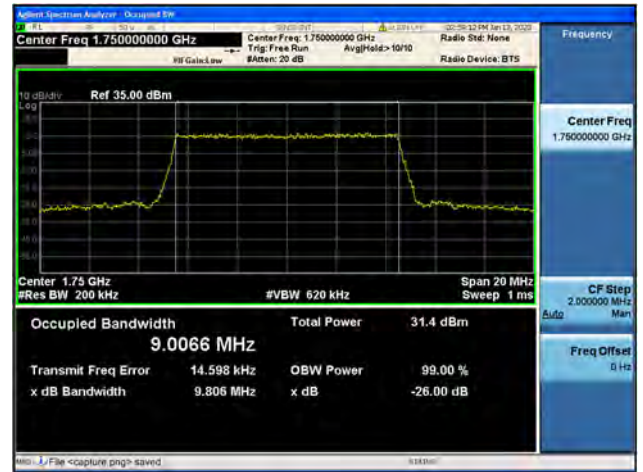
Band4 / 10MHz / QPSK/ Mid CH



Band4 / 10MHz / 16QAM/ Mid CH



Band4 / 10MHz / 64QAM/ Mid CH



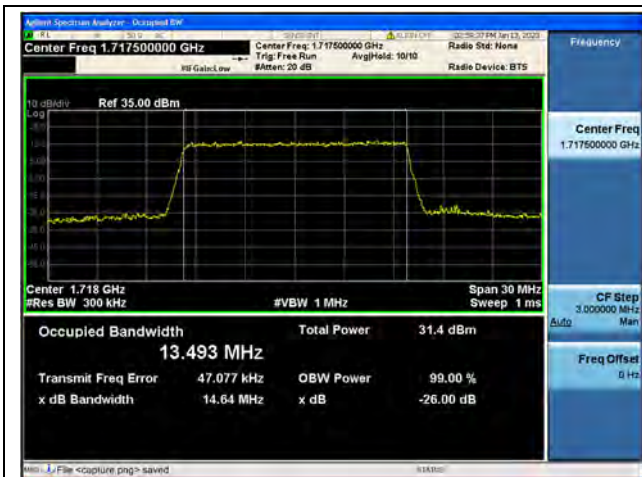
Band4 / 10MHz / QPSK/ High CH



Band4 / 10MHz / 16QAM/ High CH



Band4 / 10MHz / 64QAM/ High CH



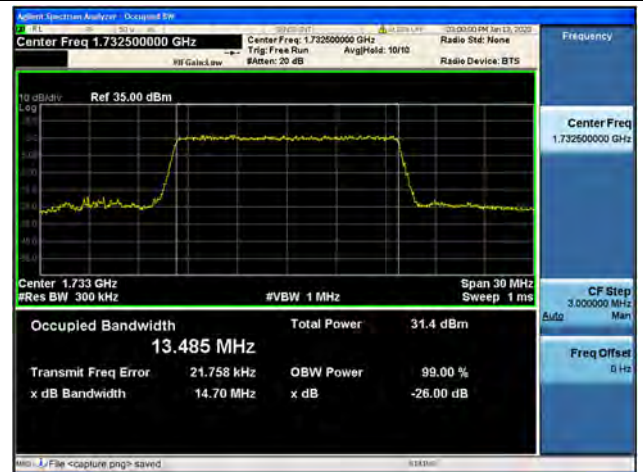
Band4 / 15MHz / QPSK/ Low CH



Band4 / 15MHz / 16QAM/ Low CH



Band4 / 15MHz / 64QAM/ Low CH



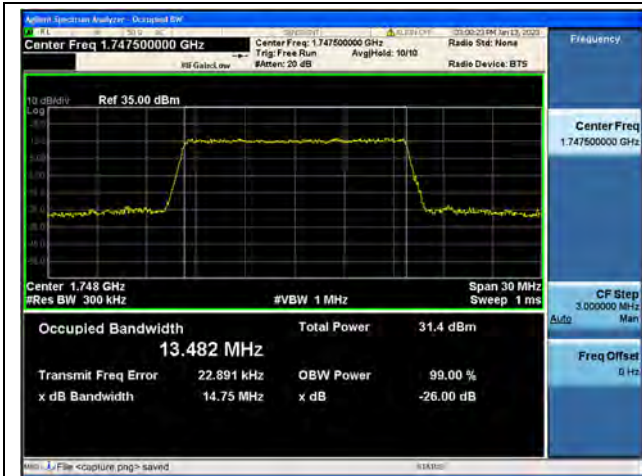
Band4 / 15MHz / QPSK/ Mid CH



Band4 / 15MHz / 16QAM/ Mid CH



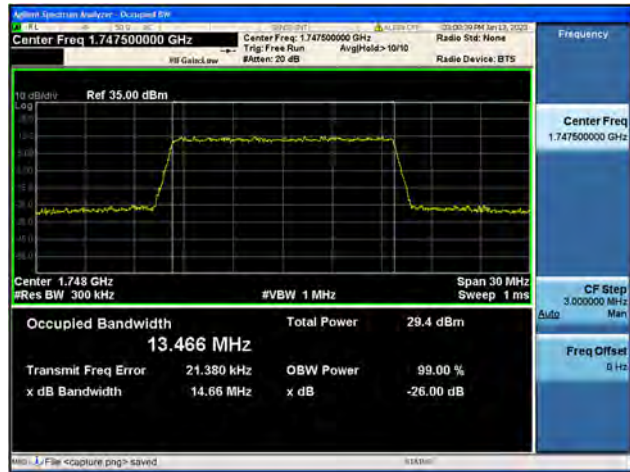
Band4 / 15MHz / 64QAM/ Mid CH



Band4 / 15MHz / QPSK/ High CH



Band4 / 15MHz / 16QAM/ High CH



Band4 / 15MHz / 64QAM/ High CH



Band4 / 20MHz / QPSK/ Low CH



Band4 / 20MHz / 16QAM/ Low CH



Band4 / 20MHz / 64QAM/ Low CH



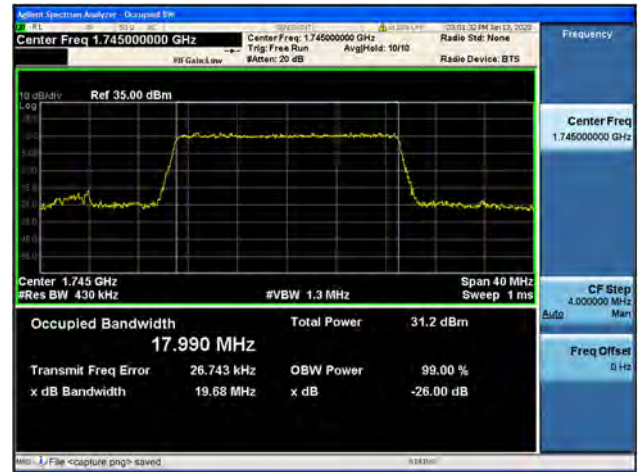
Band4 / 20MHz / QPSK/ Mid CH



Band4 / 20MHz / 16QAM/ Mid CH



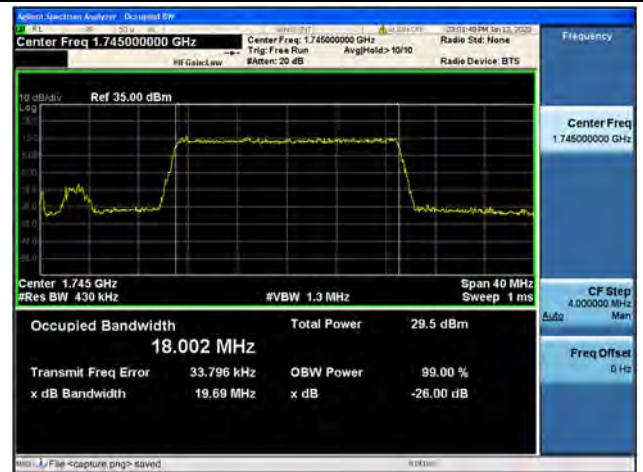
Band4 / 20MHz / 64QAM/ Mid CH



Band4 / 20MHz / QPSK/ High CH



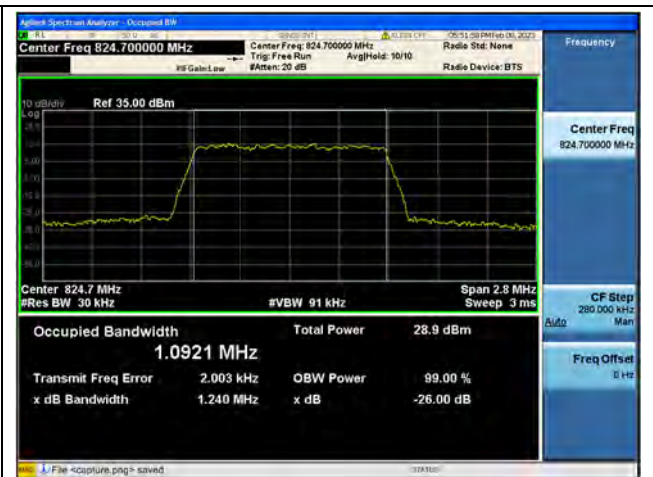
Band4 / 20MHz / 16QAM/ High CH



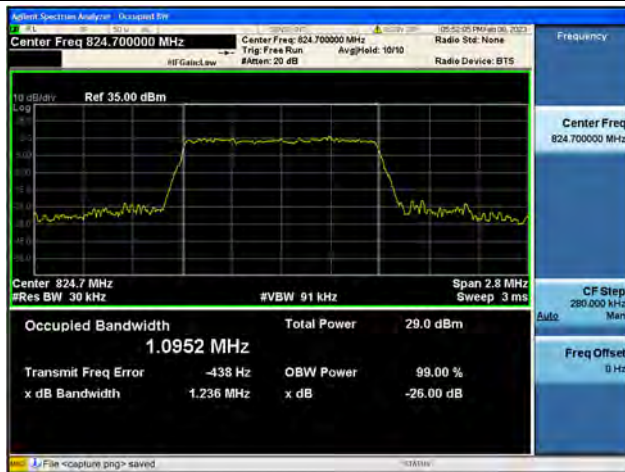
Band4 / 20MHz / 64QAM/ High CH



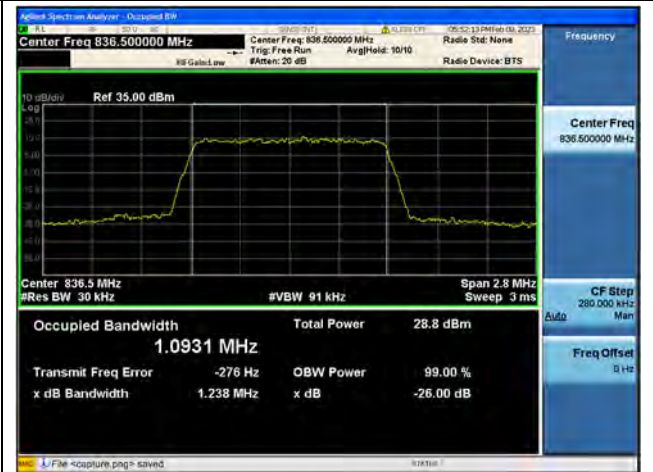
Band5 / 1.4MHz / QPSK/ Low CH



Band5 / 1.4MHz / 16QAM/ Low CH



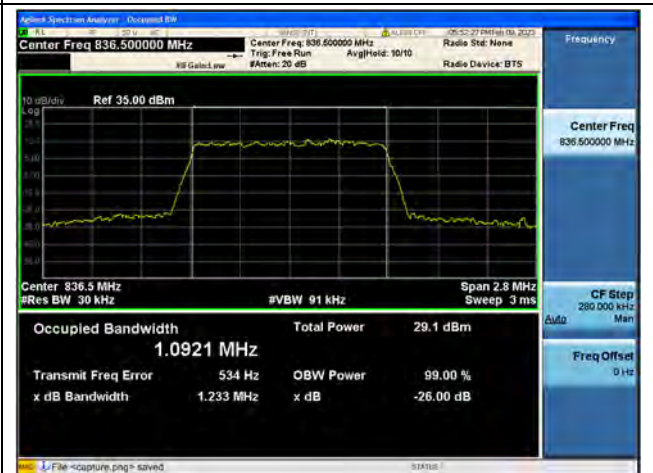
Band5 / 1.4MHz / 64QAM/ Low CH



Band5 / 1.4MHz / QPSK/ Mid CH



Band5 / 1.4MHz / 16QAM/ Mid CH



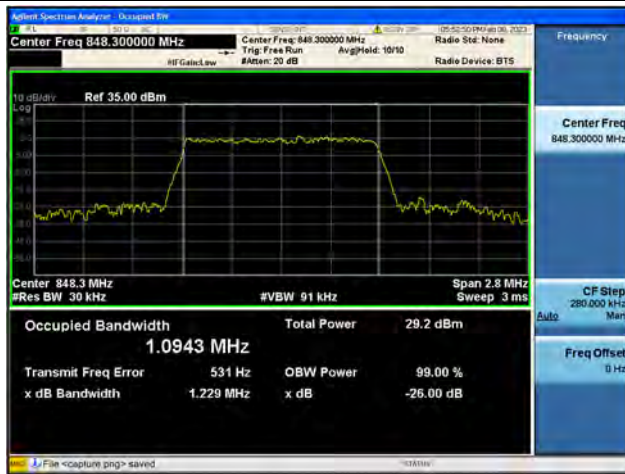
Band5 / 1.4MHz / 64QAM/ Mid CH



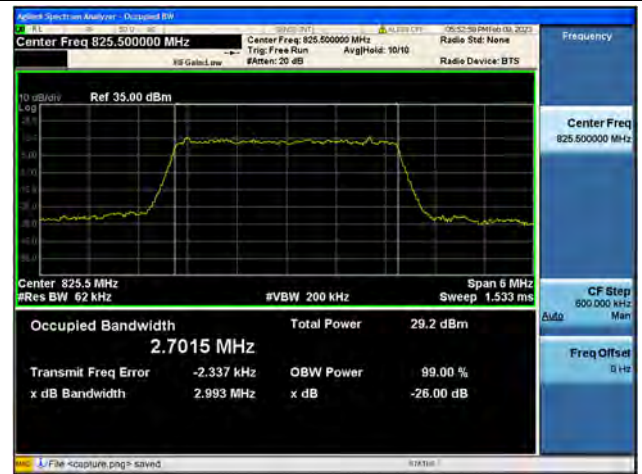
Band5 / 1.4MHz / QPSK/ High CH



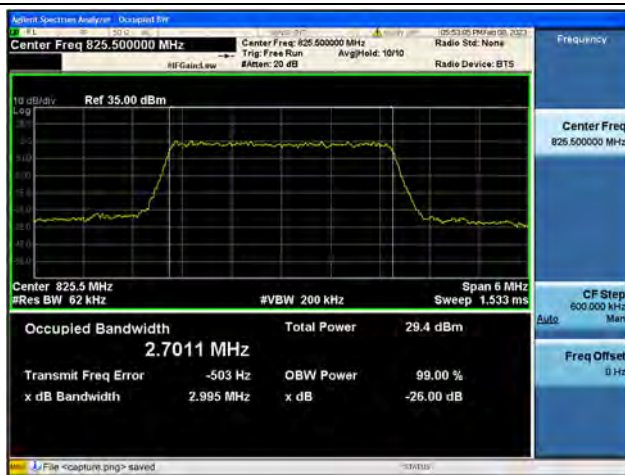
Band5 / 1.4MHz / 16QAM/ High CH



Band5 / 1.4MHz / 64QAM/ High CH



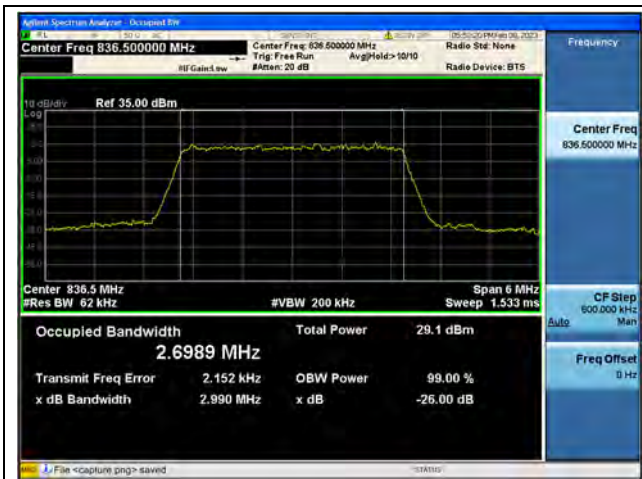
Band5 / 3MHz / QPSK/ Low CH



Band5 / 3MHz / 16QAM/ Low CH



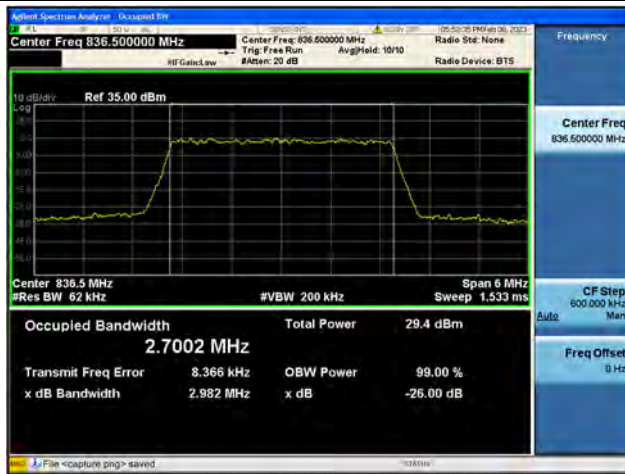
Band5 / 3MHz / 64QAM/ Low CH



Band5 / 3MHz / QPSK/ Mid CH



Band5 / 3MHz / 16QAM/ Mid CH



Band5 / 3MHz / 64QAM/ Mid CH



Band5 / 3MHz / QPSK/ High CH



Band5 / 3MHz / 16QAM/ High CH



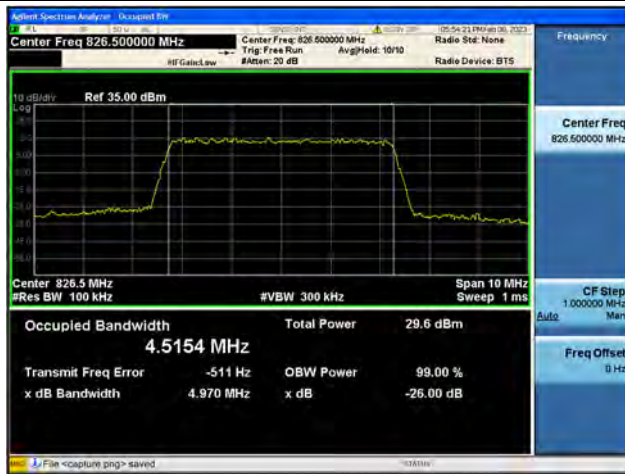
Band5 / 3MHz / 64QAM/ High CH



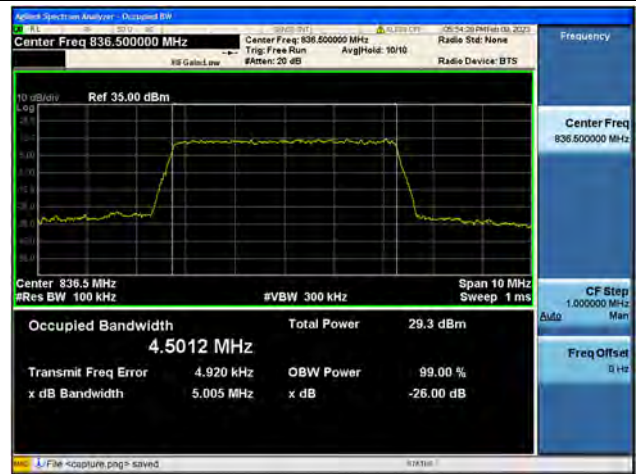
Band5 / 5MHz / QPSK/ Low CH



Band5 / 5MHz / 16QAM/ Low CH



Band5 / 5MHz / 64QAM/ Low CH



Band5 / 5MHz / QPSK/ Mid CH



Band5 / 5MHz / 16QAM/ Mid CH



Band5 / 5MHz / 64QAM/ Mid CH



Band5 / 5MHz / QPSK/ High CH



Band5 / 5MHz / 16QAM/ High CH



Band5 / 5MHz / 64QAM/ High CH



Band5 / 10MHz / QPSK/ Low CH



Band5 / 10MHz / 16QAM/ Low CH



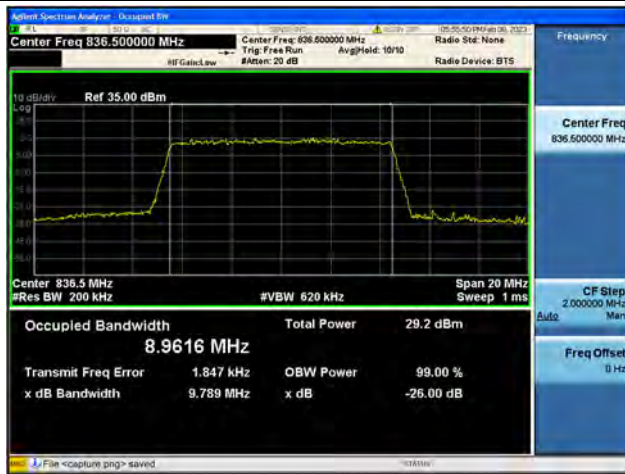
Band5 / 10MHz / 64QAM/ Low CH



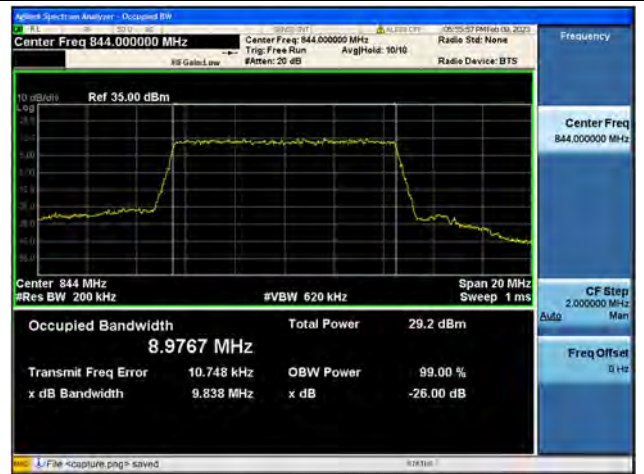
Band5 / 10MHz / QPSK/ Mid CH



Band5 / 10MHz / 16QAM/ Mid CH



Band5 / 10MHz / 64QAM/ Mid CH



Band5 / 10MHz / QPSK/ High CH



Band5 / 10MHz / 16QAM/ High CH



Band5 / 10MHz / 64QAM/ High CH



Band7 / 5MHz / QPSK/ Low CH



Band7 / 5MHz / 16QAM/ Low CH



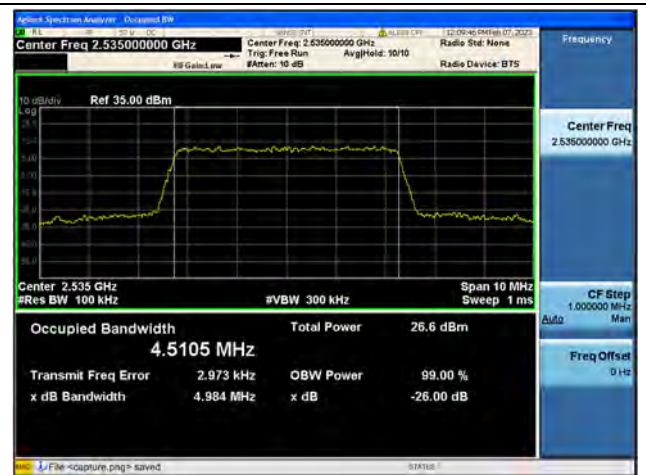
Band7 / 5MHz / 64QAM/ Low CH



Band7 / 5MHz / QPSK/ Mid CH



Band7 / 5MHz / 16QAM/ Mid CH



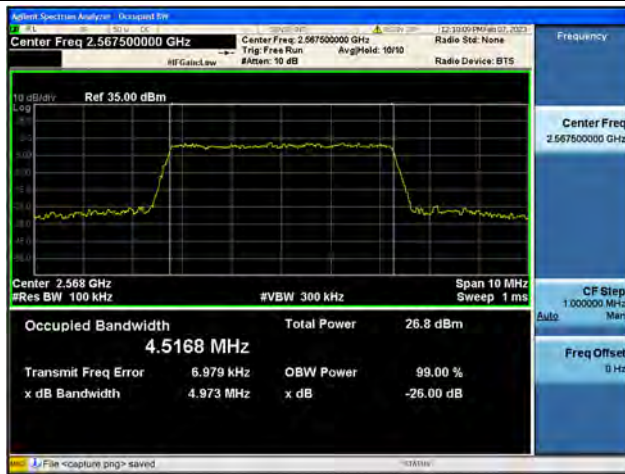
Band7 / 5MHz / 64QAM/ Mid CH



Band7 / 5MHz / QPSK / High CH



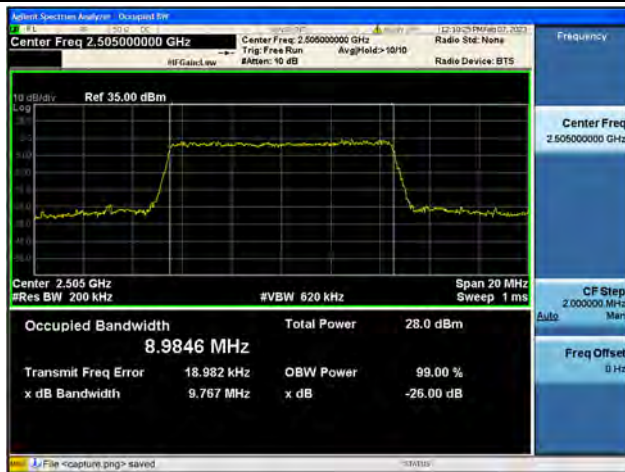
Band7 / 5MHz / 16QAM / High CH



Band7 / 5MHz / 64QAM / High CH



Band7 / 10MHz / QPSK / Low CH



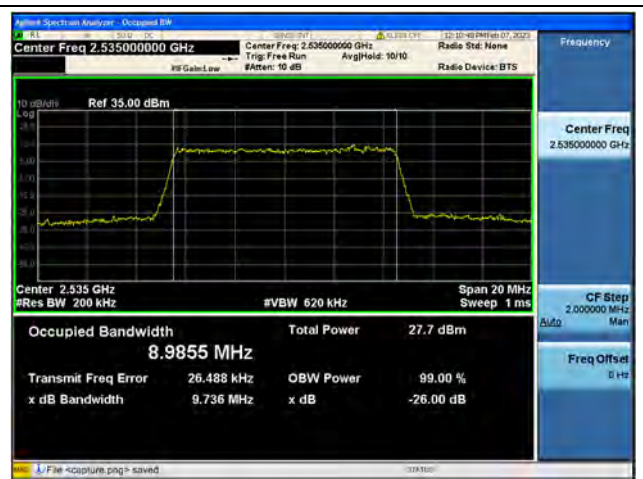
Band7 / 10MHz / 16QAM / Low CH



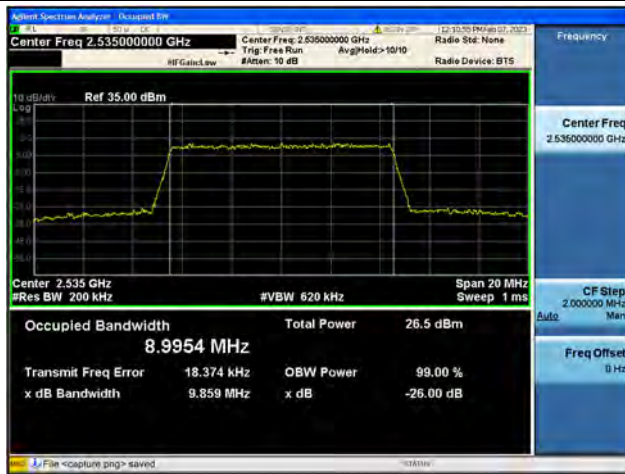
Band7 / 10MHz / 64QAM / Low CH



Band7 / 10MHz / QPSK/ Mid CH



Band7 / 10MHz / 16QAM/ Mid CH



Band7 / 10MHz / 64QAM/ Mid CH



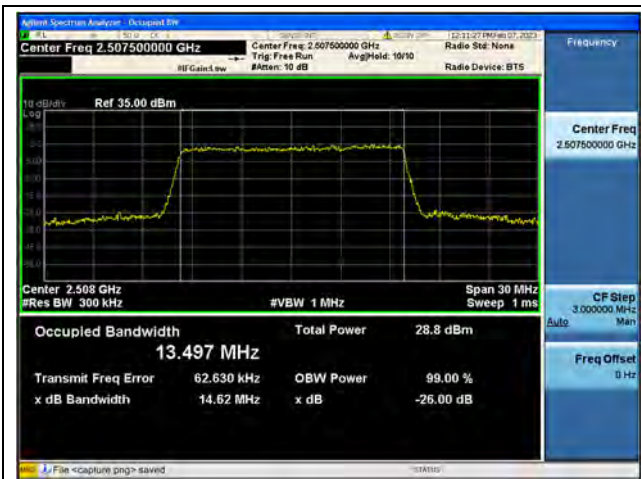
Band7 / 10MHz / QPSK/ High CH



Band7 / 10MHz / 16QAM/ High CH



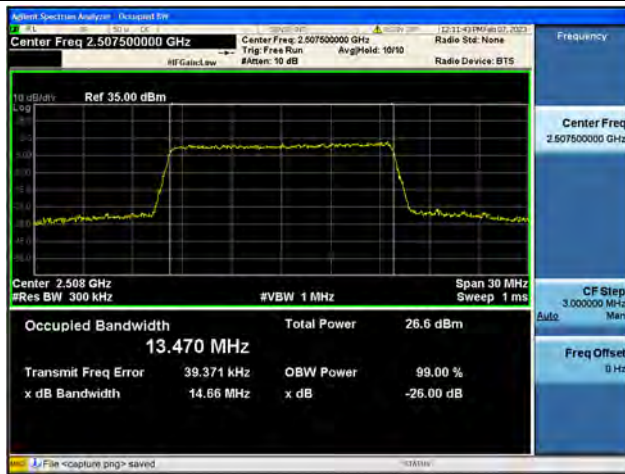
Band7 / 10MHz / 64QAM/ High CH



Band7 / 15MHz / QPSK/ Low CH



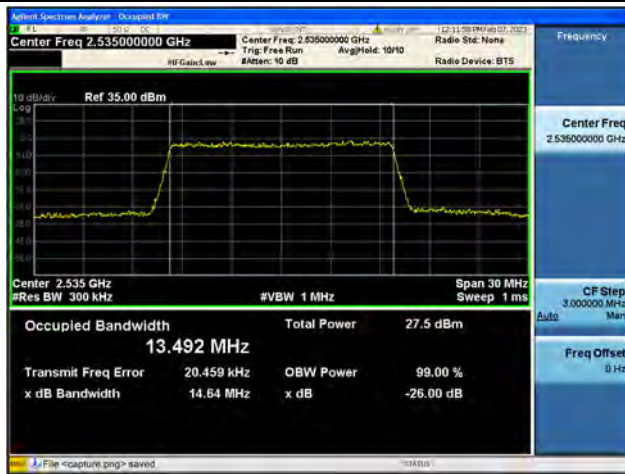
Band7 / 15MHz / 16QAM/ Low CH



Band7 / 15MHz / 64QAM/ Low CH



Band7 / 15MHz / QPSK/ Mid CH



Band7 / 15MHz / 16QAM/ Mid CH



Band7 / 15MHz / 64QAM/ Mid CH



Band7 / 15MHz / QPSK/ High CH



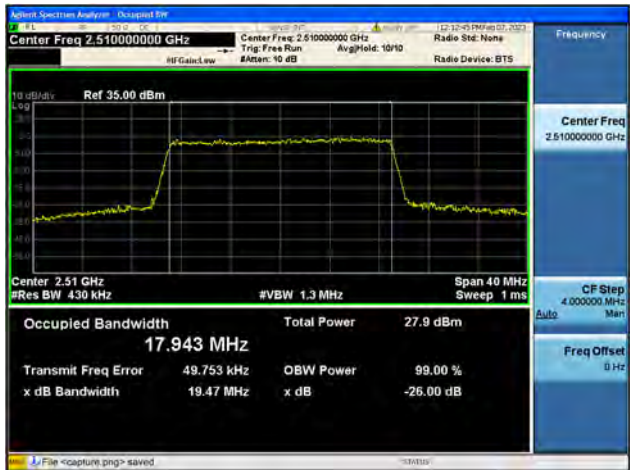
Band7 / 15MHz / 16QAM/ High CH



Band7 / 15MHz / 64QAM/ High CH



Band7 / 20MHz / QPSK/ Low CH



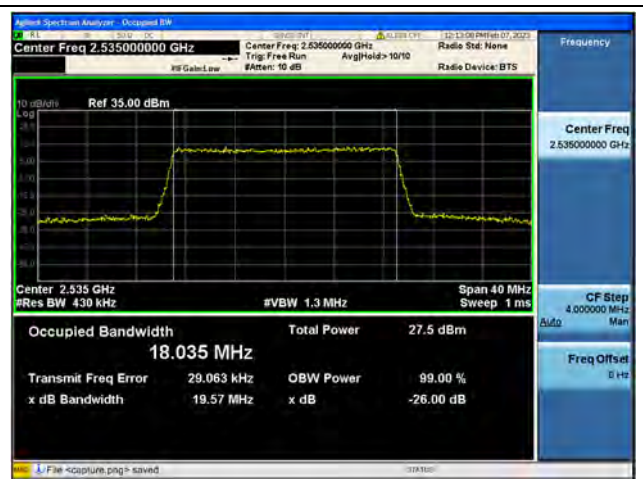
Band7 / 20MHz / 16QAM/ Low CH



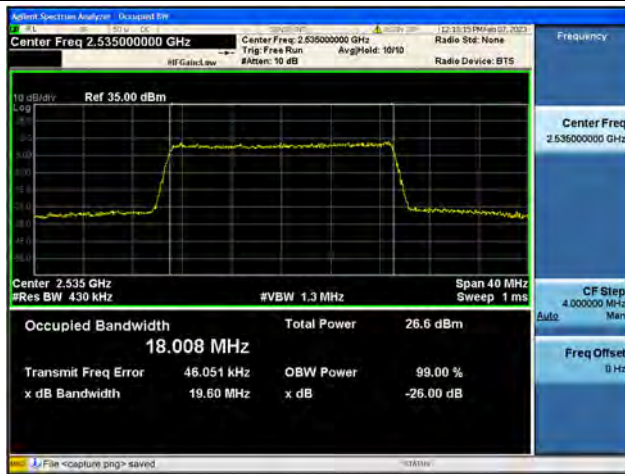
Band7 / 20MHz / 64QAM/ Low CH



Band7 / 20MHz / QPSK/ Mid CH



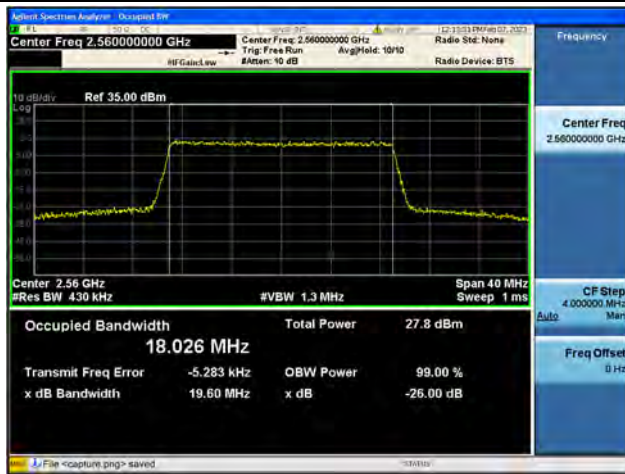
Band7 / 20MHz / 16QAM/ Mid CH



Band7 / 20MHz / 64QAM/ Mid CH



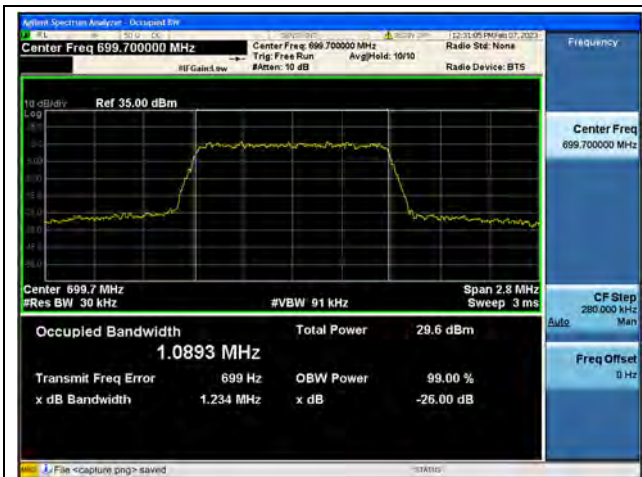
Band7 / 20MHz / QPSK/ High CH



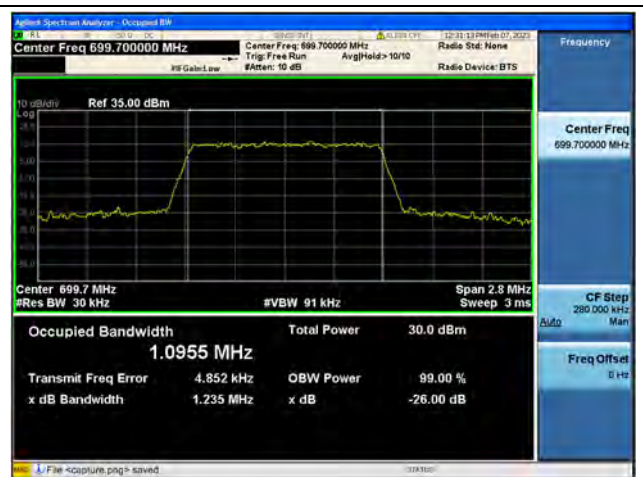
Band7 / 20MHz / 16QAM/ High CH



Band7 / 20MHz / 64QAM/ High CH



Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



Band12 / 1.4MHz / 64QAM/ Low CH



Band12 / 1.4MHz / QPSK/ Mid CH



Band12 / 1.4MHz / 16QAM/ Mid CH



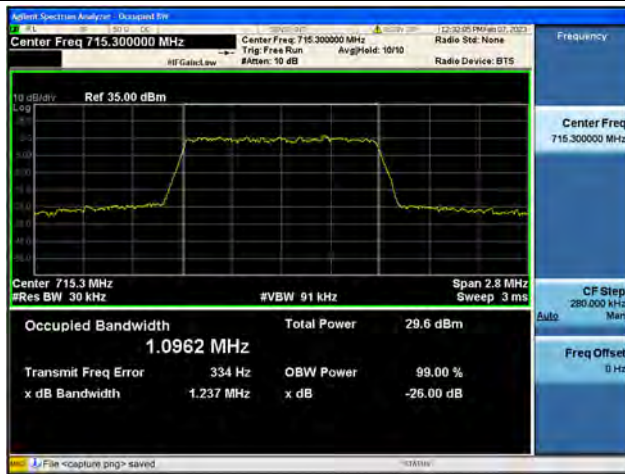
Band12 / 1.4MHz / 64QAM/ Mid CH



Band12 / 1.4MHz / QPSK/ High CH



Band12 / 1.4MHz / 16QAM/ High CH



Band12 / 1.4MHz / 64QAM/ High CH



Band12 / 3MHz / QPSK/ Low CH



Band12 / 3MHz / 16QAM/ Low CH



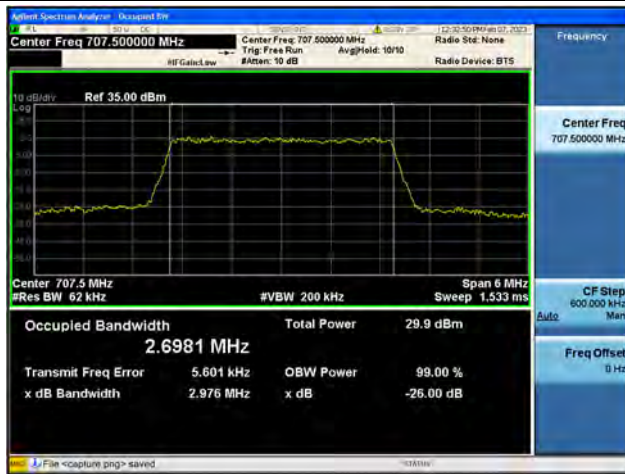
Band12 / 3MHz / 64QAM/ Low CH



Band12 / 3MHz / QPSK/ Mid CH



Band12 / 3MHz / 16QAM/ Mid CH



Band12 / 3MHz / 64QAM/ Mid CH



Band12 / 3MHz / QPSK/ High CH



Band12 / 3MHz / 16QAM/ High CH



Band12 / 3MHz / 64QAM/ High CH



Band12 / 5MHz / QPSK/ Low CH



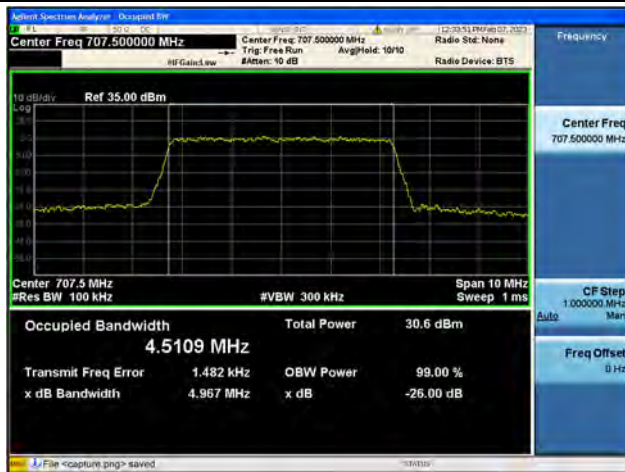
Band12 / 5MHz / 16QAM/ Low CH



Band12 / 5MHz / 64QAM/ Low CH



Band12 / 5MHz / QPSK/ Mid CH



Band12 / 5MHz / 16QAM/ Mid CH



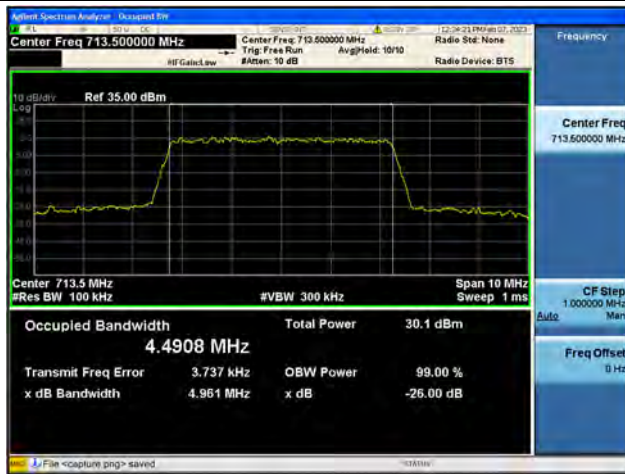
Band12 / 5MHz / 64QAM/ Mid CH



Band12 / 5MHz / QPSK/ High CH



Band12 / 5MHz / 16QAM/ High CH



Band12 / 5MHz / 64QAM/ High CH



Band12 / 10MHz / QPSK/ Low CH



Band12 / 10MHz / 16QAM/ Low CH



Band12 / 10MHz / 64QAM/ Low CH



Band12 / 10MHz / QPSK/ Mid CH



Band12 / 10MHz / 16QAM/ Mid CH



Band12 / 10MHz / 64QAM/ Mid CH



Band12 / 10MHz / QPSK/ High CH



Band12 / 10MHz / 16QAM/ High CH



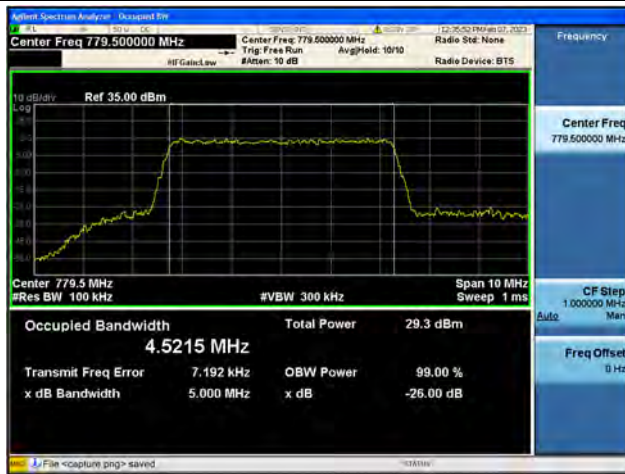
Band12 / 10MHz / 64QAM/ High CH



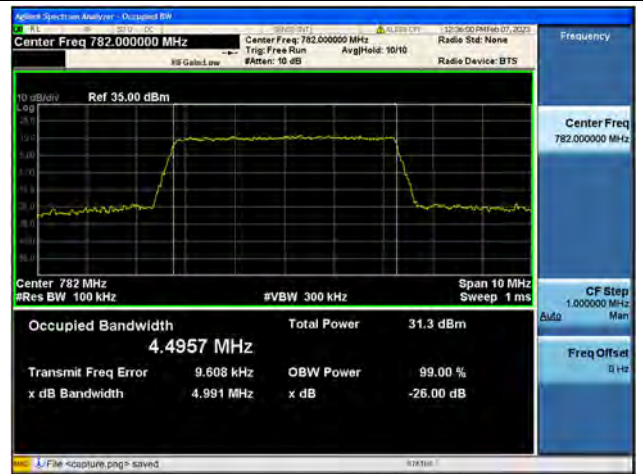
Band13 / 5MHz / QPSK/ Low CH



Band13 / 5MHz / 16QAM/ Low CH



Band13 / 5MHz / 64QAM/ Low CH



Band13 / 5MHz / QPSK/ Mid CH



Band13 / 5MHz / 16QAM/ Mid CH



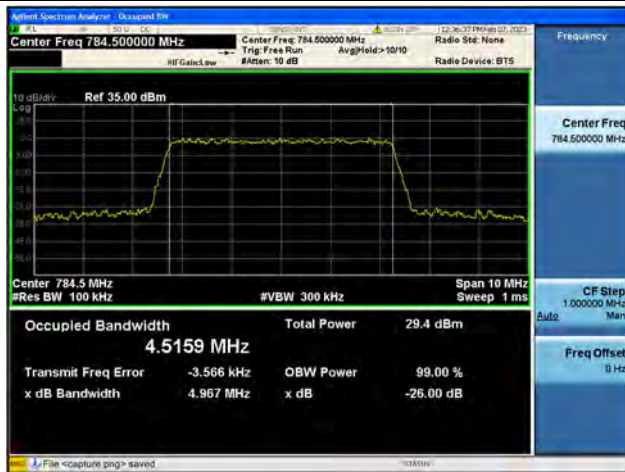
Band13 / 5MHz / 64QAM/ Mid CH



Band13 / 5MHz / QPSK/ High CH



Band13 / 5MHz / 16QAM/ High CH



Band13 / 5MHz / 64QAM/ High CH



Band13 / 10MHz / QPSK/ Low CH



Band13 / 10MHz / 16QAM/ Low CH



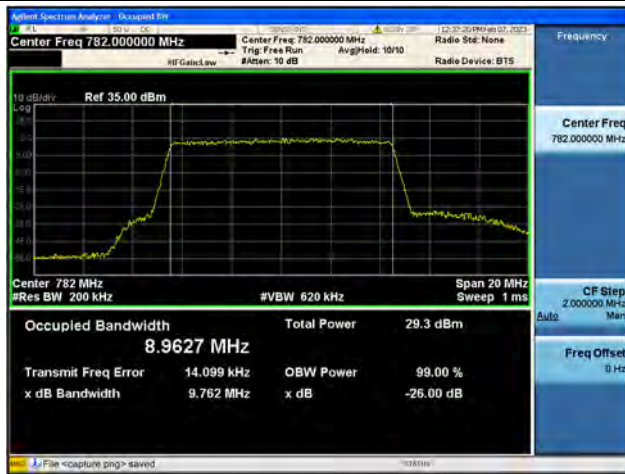
Band13 / 10MHz / 64QAM/ Low CH



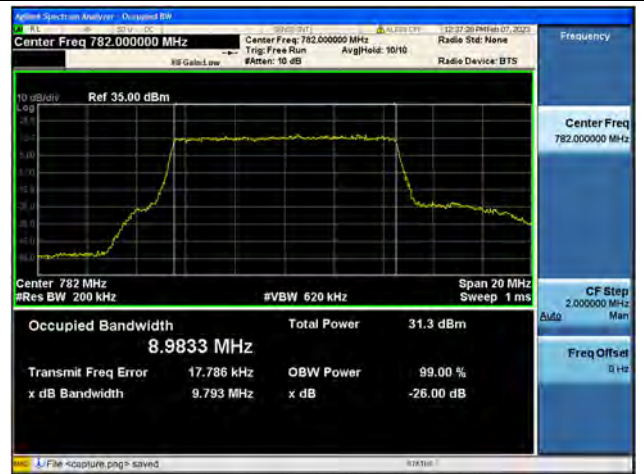
Band13 / 10MHz / QPSK/ Mid CH



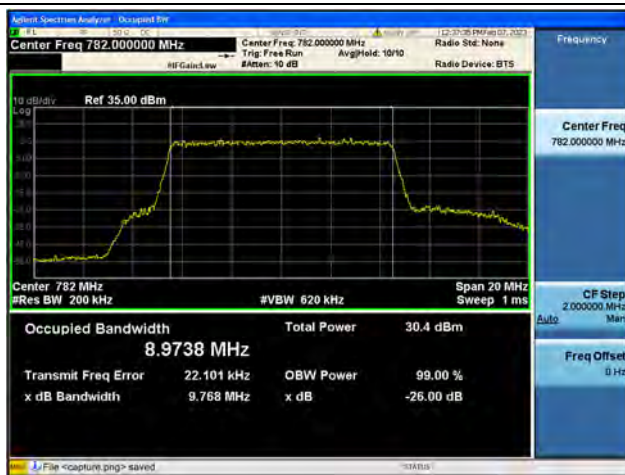
Band13 / 10MHz / 16QAM/ Mid CH



Band13 / 10MHz / 64QAM/ Mid CH



Band13 / 10MHz / QPSK/ High CH



Band13 / 10MHz / 16QAM/ High CH



Band13 / 10MHz / 64QAM/ High CH



Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



Band17 / 5MHz / 64QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



Band17 / 5MHz / 64QAM/ Mid CH