

RF EXPOSURE REPORT

Product: LTE Module

Model Name: L860-GL

FCC ID: ZMOL860GLD

Applicant: Fibocom Wireless Inc.

Address: 5/F, Tower A, Technology Building II, 1057 Nanhai Avenue,
Shenzhen, China

Manufacturer: Fibocom Wireless Inc.

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Report No.: SA190318W003

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Test Date: Mar. 19, 2019 ~ Apr. 08, 2019

Issued Date: Apr. 08, 2019

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RELEASE CONTROL RECORD

| ISSUE NO. | REASON FOR CHANGE | DATE ISSUED |
|--------------|-------------------|---------------|
| SA190318W003 | Original release | Apr. 08, 2019 |

1 CERTIFICATION

PRODUCT: LTE Module
BRAND NAME: Fibocom
MODEL NAME: L860-GL
APPLICANT: Fibocom Wireless Inc.
TESTED: Mar. 19, 2019 ~ Apr. 08, 2019
TEST SAMPLE: Production Unit
STANDARDS: FCC Part 2 (Section 2.1091)
FCC OET Bulletin 65, Supplement C (01-01)
KDB 447498 D01 General RF Exposure Guidance v06
IEEE C95.1

The above equipment has been tested by **BV 7Layers Communications Technology (Shenzhen) Co. Ltd** and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : Roger, **DATE:** Apr. 08, 2019
(Roger Li/ Engineer)

APPROVED BY : Luke Lu, **DATE:** Apr. 08, 2019
(Luke Lu / Manager)

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

| | | |
|------------------------------------|--|---|
| PRODUCT | LTE Module | |
| BRAND NAME | Fibocom | |
| MODEL NAME | L860-GL | |
| NOMINAL VOLTAGE | DC 3.3V | |
| OPERATING TEMPERATURE RANGE | -10 ~ 55°C | |
| MODULATION TYPE | WCDMA | BPSK/QPSK |
| | LTE | QPSK, 16QAM, 64QAM |
| OPERATING FREQUENCY | WCDMA | 1852.4MHz ~ 1907.6MHz (For WCDMA II) 1712.4 MHz ~ 1752.6 MHz (For WCDMA IV) 826.4MHz ~ 846.6MHz (For WCDMA V) |
| | LTE | 1850.7MHz ~ 1909.3MHz (For LTE Band 2) 1710.7MHz ~ 1754.3MHz (For LTE Band 4) 824.7MHz ~ 848.3MHz (For LTE Band 5) 2502.5MHz ~ 2567.5MHz (FOR LTE Band7) 699.7MHz ~ 715.3MHz (For LTE Band 12) 779.5MHz ~ 784.5MHz (For LTE Band 13) 790.5MHz ~ 795.5MHz (For LTE Band 14) 706.5MHz ~ 713.5MHz (For LTE Band 17) 1850.7MHz ~ 1914.3MHz (For LTE Band 25) 814MHz ~ 849MHz (FOR LTE Band26) 2307.5MHz ~ 2312.5MHz (FOR LTE Band30) 1710.7MHz ~ 1779.3MHz (For LTE Band 66) 2572.5MHz ~ 2617.5MHz (For LTE Band 38) 2498.5MHz ~ 2687.5MHz (For LTE Band 41) |
| ANTENNA TYPE | External Antenna | |
| ANTENNA GAIN | 5dBi for WCDMA II / WCDMA IV / LTE 2 / LTE 4 / LTE 7 / LTE 66 / LTE 38 / LTE 41 / LTE 25 3dBi for WCDMA V / LTE 5 / LTE 12 / LTE 13 / LTE 17 / LTE 26 / LTE 30 4dBi for LTE 14 | |
| HW VERSION | V1.2 | |
| SW VERSION | 18600.5006.00.31.00.02 | |
| I/O PORTS | Refer to user's manual | |
| CABLE SUPPLIED | N/A | |

NOTE:

- For a more detailed features description, please refer to the manufacturer's specifications or the

user's manual.

2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

3 RF EXPOSURE

3.1 LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

| FREQUENCY RANGE (MHz) | ELECTRIC FIELD STRENGTH (V/m) | MAGNETIC FIELD STRENGTH (A/m) | POWER DENSITY (mW/cm ²) | AVERAGE TIME (minutes) |
|---|-------------------------------|-------------------------------|-------------------------------------|------------------------|
| LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE | | | | |
| 300-1500 | ... | ... | F/1500 | 30 |
| 1500-100,000 | ... | ... | 1.0 | 30 |

F = Frequency in MHz

3.2 MPE CALCULATION FORMULA

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = distance between observation point and center of the radiator in cm

3.3 CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Module Approve**.

3.4 CONDUCTED POWER

| Band | WCDMA II | | | WCDMA IV | | |
|-----------------|----------|--------|--------|----------|--------|--------|
| Channel | 9262 | 9400 | 9538 | 1312 | 1413 | 1513 |
| Frequency (MHz) | 1852.4 | 1880.0 | 1907.6 | 1712.4 | 1732.6 | 1752.6 |
| RMC 12.2K | 23.45 | 23.49 | 23.36 | 23.41 | 23.44 | 23.42 |
| HSPA | | | | | | |
| HSDPA Subtest-1 | 23.28 | 23.32 | 23.19 | 23.24 | 23.27 | 23.25 |
| HSDPA Subtest-2 | 22.23 | 22.27 | 22.14 | 22.19 | 22.22 | 22.20 |
| HSDPA Subtest-3 | 21.75 | 21.79 | 21.66 | 21.71 | 21.74 | 21.72 |
| HSDPA Subtest-4 | 21.72 | 21.76 | 21.63 | 21.68 | 21.71 | 21.69 |
| HSUPA Subtest-1 | 22.75 | 22.79 | 22.66 | 22.71 | 22.74 | 22.72 |
| HSUPA Subtest-2 | 21.39 | 21.43 | 21.30 | 21.35 | 21.38 | 21.36 |
| HSUPA Subtest-3 | 21.36 | 21.40 | 21.27 | 21.32 | 21.35 | 21.33 |
| HSUPA Subtest-4 | 21.34 | 21.38 | 21.25 | 21.30 | 21.33 | 21.31 |
| HSUPA Subtest-5 | 22.32 | 22.36 | 22.23 | 22.28 | 22.31 | 22.29 |

| Band | WCDMA V | | |
|-----------------|---------|-------|-------|
| Channel | 4132 | 4182 | 4233 |
| Frequency (MHz) | 826.4 | 836.4 | 846.6 |
| RMC 12.2K | 23.41 | 23.31 | 23.28 |
| HSPA | | | |
| HSDPA Subtest-1 | 23.24 | 23.14 | 23.11 |
| HSDPA Subtest-2 | 22.19 | 22.09 | 22.06 |
| HSDPA Subtest-3 | 21.71 | 21.61 | 21.58 |
| HSDPA Subtest-4 | 21.68 | 21.58 | 21.55 |
| HSUPA Subtest-1 | 22.71 | 22.61 | 22.58 |
| HSUPA Subtest-2 | 21.35 | 21.25 | 21.22 |
| HSUPA Subtest-3 | 21.32 | 21.22 | 21.19 |
| HSUPA Subtest-4 | 21.30 | 21.20 | 21.17 |
| HSUPA Subtest-5 | 22.28 | 22.18 | 22.15 |

| LTE Band 2 | | | | | | | |
|------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 18607 | Mid CH 18900 | High CH 19193 | 3GPP MPR (dB) |
| | | | | Frequency 1850.7 MHz | Frequency 1880 MHz | Frequency 1909.3 MHz | |
| 1.4MHz | QPSK | 1 | 0 | 23.27 | 23.17 | 23.09 | 0 |
| | | 1 | 2 | 23.09 | 22.99 | 22.91 | 0 |
| | | 1 | 5 | 23.06 | 22.96 | 22.88 | 0 |
| | | 3 | 0 | 22.17 | 22.07 | 21.99 | 1 |
| | | 3 | 1 | 22.02 | 21.92 | 21.84 | 1 |
| | | 3 | 3 | 22.03 | 21.93 | 21.85 | 1 |
| | | 6 | 0 | 22.08 | 21.98 | 21.90 | 1 |
| | 16QAM | 1 | 0 | 22.35 | 22.25 | 22.17 | 1 |
| | | 1 | 2 | 22.26 | 22.16 | 22.08 | 1 |
| | | 1 | 5 | 22.22 | 22.12 | 22.04 | 1 |
| | | 3 | 0 | 21.20 | 21.10 | 21.02 | 2 |
| | | 3 | 1 | 21.17 | 21.07 | 20.99 | 2 |
| | | 3 | 3 | 21.15 | 21.05 | 20.97 | 2 |
| | | 6 | 0 | 21.08 | 20.98 | 20.90 | 2 |
| | 64QAM | 1 | 0 | 22.34 | 22.24 | 22.16 | 1 |
| | | 1 | 2 | 22.25 | 22.15 | 22.07 | 1 |
| | | 1 | 5 | 22.22 | 22.12 | 22.04 | 1 |
| | | 3 | 0 | 22.32 | 22.22 | 22.14 | 2 |
| | | 3 | 1 | 22.23 | 22.13 | 22.05 | 2 |
| | | 3 | 3 | 22.20 | 22.10 | 22.02 | 2 |
| | | 6 | 0 | 21.02 | 20.92 | 20.84 | 2 |

| LTE Band 2 | | | | | | | |
|------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 18615 | Mid CH 18900 | High CH 19185 | 3GPP MPR (dB) |
| | | | | Frequency 1851.5 MHz | Frequency 1880 MHz | Frequency 1908.5 MHz | |
| 3MHz | QPSK | 1 | 0 | 23.30 | 23.20 | 23.12 | 0 |
| | | 1 | 7 | 23.12 | 23.02 | 22.94 | 0 |
| | | 1 | 14 | 23.09 | 22.99 | 22.91 | 0 |
| | | 8 | 0 | 22.18 | 22.08 | 22.00 | 1 |
| | | 8 | 3 | 22.03 | 21.93 | 21.85 | 1 |
| | | 8 | 7 | 22.04 | 21.94 | 21.86 | 1 |
| | | 15 | 0 | 22.09 | 21.99 | 21.91 | 1 |
| | 16QAM | 1 | 0 | 22.38 | 22.28 | 22.20 | 1 |
| | | 1 | 7 | 22.29 | 22.19 | 22.11 | 1 |
| | | 1 | 14 | 22.25 | 22.15 | 22.07 | 1 |
| | | 8 | 0 | 21.22 | 21.12 | 21.04 | 2 |
| | | 8 | 3 | 21.19 | 21.09 | 21.01 | 2 |
| | | 8 | 7 | 21.17 | 21.07 | 20.99 | 2 |
| | | 15 | 0 | 21.10 | 21.00 | 20.92 | 2 |
| | 64QAM | 1 | 0 | 22.37 | 22.27 | 22.19 | 1 |
| | | 1 | 7 | 22.28 | 22.18 | 22.10 | 1 |
| | | 1 | 14 | 22.25 | 22.15 | 22.07 | 1 |
| | | 8 | 0 | 21.23 | 21.13 | 21.05 | 2 |
| | | 8 | 3 | 21.20 | 21.10 | 21.02 | 2 |
| | | 8 | 7 | 21.18 | 21.08 | 21.00 | 2 |
| | | 15 | 0 | 21.05 | 20.95 | 20.87 | 2 |

| LTE Band 2 | | | | | | | |
|------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 18625 | Mid CH 18900 | High CH 19175 | 3GPP MPR (dB) |
| | | | | Frequency 1852.5 MHz | Frequency 1880 MHz | Frequency 1907.5 MHz | |
| 5MHz | QPSK | 1 | 0 | 23.33 | 23.23 | 23.15 | 0 |
| | | 1 | 12 | 23.15 | 23.05 | 22.97 | 0 |
| | | 1 | 24 | 23.12 | 23.02 | 22.94 | 0 |
| | | 12 | 0 | 22.21 | 22.11 | 22.03 | 1 |
| | | 12 | 6 | 22.06 | 21.96 | 21.88 | 1 |
| | | 12 | 13 | 22.07 | 21.97 | 21.89 | 1 |
| | | 25 | 0 | 22.12 | 22.02 | 21.94 | 1 |
| | 16QAM | 1 | 0 | 22.41 | 22.31 | 22.23 | 1 |
| | | 1 | 12 | 22.32 | 22.22 | 22.14 | 1 |
| | | 1 | 24 | 22.28 | 22.18 | 22.10 | 1 |
| | | 12 | 0 | 21.25 | 21.15 | 21.07 | 2 |
| | | 12 | 6 | 21.22 | 21.12 | 21.04 | 2 |
| | | 12 | 13 | 21.20 | 21.10 | 21.02 | 2 |
| | | 25 | 0 | 21.13 | 21.03 | 20.95 | 2 |
| | 64QAM | 1 | 0 | 22.40 | 22.30 | 22.22 | 1 |
| | | 1 | 12 | 22.31 | 22.21 | 22.13 | 1 |
| | | 1 | 24 | 22.28 | 22.18 | 22.10 | 1 |
| | | 12 | 0 | 21.26 | 21.16 | 21.08 | 2 |
| | | 12 | 6 | 21.23 | 21.13 | 21.05 | 2 |
| | | 12 | 13 | 21.21 | 21.11 | 21.03 | 2 |
| | | 25 | 0 | 21.08 | 20.98 | 20.90 | 2 |

| LTE Band 2 | | | | | | | |
|------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 18650 | Mid CH 18900 | High CH 19150 | 3GPP MPR (dB) |
| | | | | Frequency 1855 MHz | Frequency 1880 MHz | Frequency 1905 MHz | |
| 10MHz | QPSK | 1 | 0 | 23.35 | 23.25 | 23.17 | 0 |
| | | 1 | 24 | 23.17 | 23.07 | 22.99 | 0 |
| | | 1 | 49 | 23.14 | 23.04 | 22.96 | 0 |
| | | 25 | 0 | 22.23 | 22.13 | 22.05 | 1 |
| | | 25 | 12 | 22.08 | 21.98 | 21.90 | 1 |
| | | 25 | 25 | 22.09 | 21.99 | 21.91 | 1 |
| | | 50 | 0 | 22.14 | 22.04 | 21.96 | 1 |
| | 16QAM | 1 | 0 | 22.43 | 22.33 | 22.25 | 1 |
| | | 1 | 24 | 22.34 | 22.24 | 22.16 | 1 |
| | | 1 | 49 | 22.30 | 22.20 | 22.12 | 1 |
| | | 25 | 0 | 21.27 | 21.17 | 21.09 | 2 |
| | | 25 | 12 | 21.24 | 21.14 | 21.06 | 2 |
| | | 25 | 25 | 21.22 | 21.12 | 21.04 | 2 |
| | | 50 | 0 | 21.15 | 21.05 | 20.97 | 2 |
| | 64QAM | 1 | 0 | 22.42 | 22.32 | 22.24 | 1 |
| | | 1 | 24 | 22.33 | 22.23 | 22.15 | 1 |
| | | 1 | 49 | 22.30 | 22.20 | 22.12 | 1 |
| | | 25 | 0 | 21.28 | 21.18 | 21.10 | 2 |
| | | 25 | 12 | 21.25 | 21.15 | 21.07 | 2 |
| | | 25 | 25 | 21.23 | 21.13 | 21.05 | 2 |
| | | 50 | 0 | 21.10 | 21.00 | 20.92 | 2 |

| LTE Band 2 | | | | | | | |
|------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 18675 | Mid CH 18900 | High CH 19125 | 3GPP MPR (dB) |
| | | | | Frequency 1857.5 MHz | Frequency 1880 MHz | Frequency 1902.5 MHz | |
| 15MHz | QPSK | 1 | 0 | 23.38 | 23.28 | 23.20 | 0 |
| | | 1 | 37 | 23.20 | 23.10 | 23.02 | 0 |
| | | 1 | 74 | 23.17 | 23.07 | 22.99 | 0 |
| | | 36 | 0 | 22.26 | 22.16 | 22.08 | 1 |
| | | 36 | 19 | 22.11 | 22.01 | 21.93 | 1 |
| | | 36 | 39 | 22.12 | 22.02 | 21.94 | 1 |
| | | 75 | 0 | 22.17 | 22.07 | 21.99 | 1 |
| | 16QAM | 1 | 0 | 22.46 | 22.36 | 22.28 | 1 |
| | | 1 | 37 | 22.37 | 22.27 | 22.19 | 1 |
| | | 1 | 74 | 22.33 | 22.23 | 22.15 | 1 |
| | | 36 | 0 | 21.30 | 21.20 | 21.12 | 2 |
| | | 36 | 19 | 21.27 | 21.17 | 21.09 | 2 |
| | | 36 | 39 | 21.25 | 21.15 | 21.07 | 2 |
| | | 75 | 0 | 21.18 | 21.08 | 21.00 | 2 |
| | 64QAM | 1 | 0 | 22.45 | 22.35 | 22.27 | 1 |
| | | 1 | 37 | 22.36 | 22.26 | 22.18 | 1 |
| | | 1 | 74 | 22.33 | 22.23 | 22.15 | 1 |
| | | 36 | 0 | 21.31 | 21.21 | 21.13 | 2 |
| | | 36 | 19 | 21.28 | 21.18 | 21.10 | 2 |
| | | 36 | 39 | 21.26 | 21.16 | 21.08 | 2 |
| | | 75 | 0 | 21.13 | 21.03 | 20.95 | 2 |

| LTE Band 2 | | | | | | | |
|------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 18700 | Mid CH 18900 | High CH 19100 | 3GPP MPR (dB) |
| | | | | Frequency 1860 MHz | Frequency 1880 MHz | Frequency 1900 MHz | |
| 20MHz | QPSK | 1 | 0 | 23.43 | 23.33 | 23.25 | 0 |
| | | 1 | 50 | 23.25 | 23.15 | 23.07 | 0 |
| | | 1 | 99 | 23.22 | 23.12 | 23.04 | 0 |
| | | 50 | 0 | 22.31 | 22.21 | 22.13 | 1 |
| | | 50 | 25 | 22.16 | 22.06 | 21.98 | 1 |
| | | 50 | 50 | 22.17 | 22.07 | 21.99 | 1 |
| | | 100 | 0 | 22.22 | 22.12 | 22.04 | 1 |
| | 16QAM | 1 | 0 | 22.51 | 22.41 | 22.33 | 1 |
| | | 1 | 50 | 22.42 | 22.32 | 22.24 | 1 |
| | | 1 | 99 | 22.38 | 22.28 | 22.20 | 1 |
| | | 50 | 0 | 21.35 | 21.25 | 21.17 | 2 |
| | | 50 | 25 | 21.32 | 21.22 | 21.14 | 2 |
| | | 50 | 50 | 21.30 | 21.20 | 21.12 | 2 |
| | | 100 | 0 | 21.23 | 21.13 | 21.05 | 2 |
| | 64QAM | 1 | 0 | 22.50 | 22.40 | 22.32 | 1 |
| | | 1 | 50 | 22.41 | 22.31 | 22.23 | 1 |
| | | 1 | 99 | 22.38 | 22.28 | 22.20 | 1 |
| | | 50 | 0 | 21.36 | 21.26 | 21.18 | 2 |
| | | 50 | 25 | 21.33 | 21.23 | 21.15 | 2 |
| | | 50 | 50 | 21.31 | 21.21 | 21.13 | 2 |
| | | 100 | 0 | 21.18 | 21.08 | 21.00 | 2 |

| LTE Band 4 | | | | | | | |
|------------|------------|---------|-----------|-------------------------|-------------------------|-------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 19957 | Mid CH 20175 | High CH 20393 | MPR |
| | | | | Frequency 1710.7 MHz | Frequency 1732.5 MHz | Frequency 1754.3 MHz | |
| 1.4MHz | QPSK | 1 | 0 | 23.16 | 23.26 | 23.24 | 0 |
| | | 1 | 2 | 22.99 | 23.09 | 23.07 | 0 |
| | | 1 | 5 | 23.09 | 23.19 | 23.17 | 0 |
| | | 3 | 0 | 21.97 | 22.07 | 22.05 | 1 |
| | | 3 | 1 | 21.93 | 22.03 | 22.01 | 1 |
| | | 3 | 3 | 21.90 | 22.00 | 21.98 | 1 |
| | | 6 | 0 | 21.96 | 22.06 | 22.04 | 1 |
| | 16QAM | 1 | 0 | 22.36 | 22.46 | 22.44 | 1 |
| | | 1 | 2 | 22.19 | 22.29 | 22.27 | 1 |
| | | 1 | 5 | 22.14 | 22.24 | 22.22 | 1 |
| | | 3 | 0 | 21.01 | 21.11 | 21.09 | 2 |
| | | 3 | 1 | 20.95 | 21.05 | 21.03 | 2 |
| | | 3 | 3 | 20.94 | 21.04 | 21.02 | 2 |
| | | 6 | 0 | 20.98 | 21.08 | 21.06 | 2 |
| | 64QAM | 1 | 0 | 22.34 | 22.44 | 22.42 | 1 |
| | | 1 | 2 | 22.17 | 22.27 | 22.25 | 1 |
| | | 1 | 5 | 22.11 | 22.21 | 22.19 | 1 |
| | | 3 | 0 | 20.98 | 21.08 | 21.06 | 2 |
| | | 3 | 1 | 20.95 | 21.05 | 21.03 | 2 |
| | | 3 | 3 | 20.91 | 21.01 | 20.99 | 2 |
| | | 6 | 0 | 20.99 | 21.09 | 21.07 | 2 |

| LTE Band 4 | | | | | | | |
|------------|------------|---------|-----------|-------------------------|-------------------------|-------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 19965 | Mid CH 20175 | High CH 20385 | MPR |
| | | | | Frequency 1711.5 MHz | Frequency 1732.5 MHz | Frequency 1753.5 MHz | |
| 3MHz | QPSK | 1 | 0 | 23.17 | 23.27 | 23.25 | 0 |
| | | 1 | 7 | 23.00 | 23.10 | 23.08 | 0 |
| | | 1 | 14 | 23.10 | 23.20 | 23.18 | 0 |
| | | 8 | 0 | 21.99 | 22.09 | 22.07 | 1 |
| | | 8 | 3 | 21.95 | 22.05 | 22.03 | 1 |
| | | 8 | 7 | 21.92 | 22.02 | 22.00 | 1 |
| | | 15 | 0 | 21.98 | 22.08 | 22.06 | 1 |
| | 16QAM | 1 | 0 | 22.37 | 22.47 | 22.45 | 1 |
| | | 1 | 7 | 22.20 | 22.30 | 22.28 | 1 |
| | | 1 | 14 | 22.15 | 22.25 | 22.23 | 1 |
| | | 8 | 0 | 21.02 | 21.12 | 21.10 | 2 |
| | | 8 | 3 | 20.96 | 21.06 | 21.04 | 2 |
| | | 8 | 7 | 20.95 | 21.05 | 21.03 | 2 |
| | | 15 | 0 | 20.99 | 21.09 | 21.07 | 2 |
| | 64QAM | 1 | 0 | 22.35 | 22.45 | 22.43 | 1 |
| | | 1 | 7 | 22.18 | 22.28 | 22.26 | 1 |
| | | 1 | 14 | 22.12 | 22.22 | 22.20 | 1 |
| | | 8 | 0 | 20.99 | 21.09 | 21.07 | 2 |
| | | 8 | 3 | 20.96 | 21.06 | 21.04 | 2 |
| | | 8 | 7 | 20.92 | 21.02 | 21.00 | 2 |
| | | 15 | 0 | 21.00 | 21.10 | 21.08 | 2 |

| LTE Band 4 | | | | | | | |
|------------|------------|---------|-----------|-------------------------|-------------------------|-------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 19975 | Mid CH 20175 | High CH 20375 | MPR |
| | | | | Frequency 1712.5 MHz | Frequency 1732.5 MHz | Frequency 1752.5 MHz | |
| 5 MHz | QPSK | 1 | 0 | 23.20 | 23.30 | 23.28 | 0 |
| | | 1 | 12 | 23.03 | 23.13 | 23.11 | 0 |
| | | 1 | 24 | 23.13 | 23.23 | 23.21 | 0 |
| | | 12 | 0 | 22.02 | 22.12 | 22.10 | 1 |
| | | 12 | 6 | 21.98 | 22.08 | 22.06 | 1 |
| | | 12 | 13 | 21.95 | 22.05 | 22.03 | 1 |
| | | 25 | 0 | 22.01 | 22.11 | 22.09 | 1 |
| | 16QAM | 1 | 0 | 22.40 | 22.50 | 22.48 | 1 |
| | | 1 | 12 | 22.23 | 22.33 | 22.31 | 1 |
| | | 1 | 24 | 22.18 | 22.28 | 22.26 | 1 |
| | | 12 | 0 | 21.05 | 21.15 | 21.13 | 2 |
| | | 12 | 6 | 20.99 | 21.09 | 21.07 | 2 |
| | | 12 | 13 | 20.98 | 21.08 | 21.06 | 2 |
| | | 25 | 0 | 21.02 | 21.12 | 21.10 | 2 |
| | 64QAM | 1 | 0 | 22.38 | 22.48 | 22.46 | 1 |
| | | 1 | 12 | 22.21 | 22.31 | 22.29 | 1 |
| | | 1 | 24 | 22.15 | 22.25 | 22.23 | 1 |
| | | 12 | 0 | 21.02 | 21.12 | 21.10 | 2 |
| | | 12 | 6 | 20.99 | 21.09 | 21.07 | 2 |
| | | 12 | 13 | 20.95 | 21.05 | 21.03 | 2 |
| | | 25 | 0 | 21.03 | 21.13 | 21.11 | 2 |

| LTE Band 4 | | | | | | | |
|------------|------------|---------|-----------|-----------------------|-------------------------|-----------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 20000 | Mid CH 20175 | High CH 20350 | MPR |
| | | | | Frequency 1715 MHz | Frequency 1732.5 MHz | Frequency 1750 MHz | |
| 10 MHz | QPSK | 1 | 0 | 23.24 | 23.34 | 23.32 | 0 |
| | | 1 | 24 | 23.07 | 23.17 | 23.15 | 0 |
| | | 1 | 49 | 23.17 | 23.27 | 23.25 | 0 |
| | | 25 | 0 | 22.06 | 22.16 | 22.14 | 1 |
| | | 25 | 12 | 22.02 | 22.12 | 22.10 | 1 |
| | | 25 | 25 | 21.99 | 22.09 | 22.07 | 1 |
| | | 50 | 0 | 22.05 | 22.15 | 22.13 | 1 |
| | 16QAM | 1 | 0 | 22.44 | 22.54 | 22.52 | 1 |
| | | 1 | 24 | 22.27 | 22.37 | 22.35 | 1 |
| | | 1 | 49 | 22.22 | 22.32 | 22.30 | 1 |
| | | 25 | 0 | 21.09 | 21.19 | 21.17 | 2 |
| | | 25 | 12 | 21.03 | 21.13 | 21.11 | 2 |
| | | 25 | 25 | 21.02 | 21.12 | 21.10 | 2 |
| | | 50 | 0 | 21.06 | 21.16 | 21.14 | 2 |
| | 64QAM | 1 | 0 | 22.42 | 22.52 | 22.50 | 1 |
| | | 1 | 24 | 22.25 | 22.35 | 22.33 | 1 |
| | | 1 | 49 | 22.19 | 22.29 | 22.27 | 1 |
| | | 25 | 0 | 21.06 | 21.16 | 21.14 | 2 |
| | | 25 | 12 | 21.03 | 21.13 | 21.11 | 2 |
| | | 25 | 25 | 20.99 | 21.09 | 21.07 | 2 |
| | | 50 | 0 | 21.07 | 21.17 | 21.15 | 2 |

| LTE Band 4 | | | | | | | |
|------------|------------|---------|-----------|-------------------------|-------------------------|-------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 20025 | Mid CH 20175 | High CH 20325 | MPR |
| | | | | Frequency 1717.5 MHz | Frequency 1732.5 MHz | Frequency 1747.5 MHz | |
| 15 MHz | QPSK | 1 | 0 | 23.30 | 23.40 | 23.38 | 0 |
| | | 1 | 37 | 23.13 | 23.23 | 23.21 | 0 |
| | | 1 | 74 | 23.23 | 23.33 | 23.31 | 0 |
| | | 36 | 0 | 22.12 | 22.22 | 22.20 | 1 |
| | | 36 | 19 | 22.08 | 22.18 | 22.16 | 1 |
| | | 36 | 39 | 22.05 | 22.15 | 22.13 | 1 |
| | | 75 | 0 | 22.11 | 22.21 | 22.19 | 1 |
| | 16QAM | 1 | 0 | 22.50 | 22.60 | 22.58 | 1 |
| | | 1 | 37 | 22.33 | 22.43 | 22.41 | 1 |
| | | 1 | 74 | 22.28 | 22.38 | 22.36 | 1 |
| | | 36 | 0 | 21.15 | 21.25 | 21.23 | 2 |
| | | 36 | 19 | 21.09 | 21.19 | 21.17 | 2 |
| | | 36 | 39 | 21.08 | 21.18 | 21.16 | 2 |
| | | 75 | 0 | 21.12 | 21.22 | 21.20 | 2 |
| | 64QAM | 1 | 0 | 22.48 | 22.58 | 22.56 | 1 |
| | | 1 | 37 | 22.31 | 22.41 | 22.39 | 1 |
| | | 1 | 74 | 22.25 | 22.35 | 22.33 | 1 |
| | | 36 | 0 | 21.12 | 21.22 | 21.20 | 2 |
| | | 36 | 19 | 21.09 | 21.19 | 21.17 | 2 |
| | | 36 | 39 | 21.05 | 21.15 | 21.13 | 2 |
| | | 75 | 0 | 21.13 | 21.23 | 21.21 | 2 |

| LTE Band 4 | | | | | | | |
|------------|------------|---------|-----------|-----------------------|-------------------------|-----------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 20050 | Mid CH 20175 | High CH 20300 | MPR |
| | | | | Frequency 1720 MHz | Frequency 1732.5 MHz | Frequency 1745 MHz | |
| 20 MHz | QPSK | 1 | 0 | 23.33 | 23.43 | 23.41 | 0 |
| | | 1 | 50 | 23.16 | 23.26 | 23.24 | 0 |
| | | 1 | 99 | 23.26 | 23.36 | 23.34 | 0 |
| | | 50 | 0 | 22.15 | 22.25 | 22.23 | 1 |
| | | 50 | 25 | 22.11 | 22.21 | 22.19 | 1 |
| | | 50 | 50 | 22.08 | 22.18 | 22.16 | 1 |
| | | 100 | 0 | 22.14 | 22.24 | 22.22 | 1 |
| | 16QAM | 1 | 0 | 22.53 | 22.63 | 22.61 | 1 |
| | | 1 | 50 | 22.36 | 22.46 | 22.44 | 1 |
| | | 1 | 99 | 22.31 | 22.41 | 22.39 | 1 |
| | | 50 | 0 | 21.18 | 21.28 | 21.26 | 2 |
| | | 50 | 25 | 21.12 | 21.22 | 21.20 | 2 |
| | | 50 | 50 | 21.11 | 21.21 | 21.19 | 2 |
| | | 100 | 0 | 21.15 | 21.25 | 21.23 | 2 |
| | 64QAM | 1 | 0 | 22.51 | 22.61 | 22.59 | 1 |
| | | 1 | 50 | 22.34 | 22.44 | 22.42 | 1 |
| | | 1 | 99 | 22.28 | 22.38 | 22.36 | 1 |
| | | 50 | 0 | 21.15 | 21.25 | 21.23 | 2 |
| | | 50 | 25 | 21.12 | 21.22 | 21.20 | 2 |
| | | 50 | 50 | 21.08 | 21.18 | 21.16 | 2 |
| | | 100 | 0 | 21.16 | 21.26 | 21.24 | 2 |

LTE Band 5

| Band/BW | Modulation | RB Size | RB Offset | Low CH 20407 | Mid CH 20525 | High CH 20643 | 3GPP MPR (dB) |
|---------|------------|---------|-----------|------------------------|------------------------|------------------------|---------------------|
| | | | | Frequency 824.7 MHz | Frequency 836.5 MHz | Frequency 848.3 MHz | |
| 5/1.4 | QPSK | 1 | 0 | 22.79 | 22.58 | 22.61 | 0 |
| | | 1 | 2 | 22.76 | 22.55 | 22.58 | 0 |
| | | 1 | 5 | 22.72 | 22.51 | 22.54 | 0 |
| | | 3 | 0 | 21.74 | 21.53 | 21.56 | 0 |
| | | 3 | 1 | 21.72 | 21.51 | 21.54 | 0 |
| | | 3 | 3 | 21.68 | 21.47 | 21.50 | 0 |
| | | 6 | 0 | 21.72 | 21.51 | 21.54 | 1 |
| | 16QAM | 1 | 0 | 21.78 | 21.57 | 21.60 | 1 |
| | | 1 | 2 | 21.73 | 21.52 | 21.55 | 1 |
| | | 1 | 5 | 21.70 | 21.49 | 21.52 | 1 |
| | | 3 | 0 | 20.79 | 20.58 | 20.61 | 1 |
| | | 3 | 1 | 20.76 | 20.55 | 20.58 | 1 |
| | | 3 | 3 | 20.73 | 20.52 | 20.55 | 1 |
| | | 6 | 0 | 20.78 | 20.57 | 20.60 | 2 |
| | 64QAM | 1 | 0 | 20.95 | 20.74 | 20.77 | 2 |
| | | 1 | 2 | 20.92 | 20.71 | 20.74 | 2 |
| | | 1 | 5 | 20.91 | 20.70 | 20.73 | 2 |
| | | 3 | 0 | 19.96 | 19.75 | 19.78 | 3 |
| | | 3 | 1 | 19.94 | 19.73 | 19.76 | 3 |
| | | 3 | 3 | 19.89 | 19.68 | 19.71 | 3 |
| | | 6 | 0 | 19.88 | 19.67 | 19.70 | 3 |

| Band/BW | Modulation | RB Size | RB Offset | Low CH 20415 | Mid CH 20525 | High CH 20635 | 3GPP MPR (dB) |
|---------|------------|---------|-----------|------------------------|------------------------|------------------------|---------------------|
| | | | | Frequency 825.5 MHz | Frequency 836.5 MHz | Frequency 847.5 MHz | |
| 5/3 | QPSK | 1 | 0 | 22.83 | 22.62 | 22.65 | 0 |
| | | 1 | 7 | 22.80 | 22.59 | 22.62 | 0 |
| | | 1 | 14 | 22.76 | 22.55 | 22.58 | 0 |
| | | 8 | 0 | 21.76 | 21.55 | 21.58 | 1 |
| | | 8 | 3 | 21.74 | 21.53 | 21.56 | 1 |
| | | 8 | 7 | 21.70 | 21.49 | 21.52 | 1 |
| | | 15 | 0 | 21.74 | 21.53 | 21.56 | 1 |
| | 16QAM | 1 | 0 | 21.82 | 21.61 | 21.64 | 1 |
| | | 1 | 7 | 21.77 | 21.56 | 21.59 | 1 |
| | | 1 | 14 | 21.74 | 21.53 | 21.56 | 1 |
| | | 8 | 0 | 20.80 | 20.59 | 20.62 | 2 |
| | | 8 | 3 | 20.77 | 20.56 | 20.59 | 2 |
| | | 8 | 7 | 20.74 | 20.53 | 20.56 | 2 |
| | | 15 | 0 | 20.79 | 20.58 | 20.61 | 2 |
| | 64QAM | 1 | 0 | 20.99 | 20.78 | 20.81 | 2 |
| | | 1 | 7 | 20.96 | 20.75 | 20.78 | 2 |
| | | 1 | 14 | 20.95 | 20.74 | 20.77 | 2 |
| | | 8 | 0 | 19.97 | 19.76 | 19.79 | 3 |
| | | 8 | 3 | 19.95 | 19.74 | 19.77 | 3 |
| | | 8 | 7 | 19.90 | 19.69 | 19.72 | 3 |
| | | 15 | 0 | 19.89 | 19.68 | 19.71 | 3 |

| Band/BW | Modulation | RB Size | RB Offset | Low CH 20425 | Mid CH 20525 | High CH 20625 | 3GPP MPR (dB) |
|---------|------------|---------|-----------|---------------------|---------------------|---------------------|---------------|
| | | | | Frequency 826.5 MHz | Frequency 836.5 MHz | Frequency 846.5 MHz | |
| 5/5 | QPSK | 1 | 0 | 22.89 | 22.68 | 22.71 | 0 |
| | | 1 | 12 | 22.86 | 22.65 | 22.68 | 0 |
| | | 1 | 24 | 22.82 | 22.61 | 22.64 | 0 |
| | | 12 | 0 | 21.82 | 21.61 | 21.64 | 1 |
| | | 12 | 6 | 21.80 | 21.59 | 21.62 | 1 |
| | | 12 | 13 | 21.76 | 21.55 | 21.58 | 1 |
| | | 25 | 0 | 21.80 | 21.59 | 21.62 | 1 |
| | 16QAM | 1 | 0 | 21.88 | 21.67 | 21.70 | 1 |
| | | 1 | 12 | 21.83 | 21.62 | 21.65 | 1 |
| | | 1 | 24 | 21.80 | 21.59 | 21.62 | 1 |
| | | 12 | 0 | 20.86 | 20.65 | 20.68 | 2 |
| | | 12 | 6 | 20.83 | 20.62 | 20.65 | 2 |
| | | 12 | 13 | 20.80 | 20.59 | 20.62 | 2 |
| | | 25 | 0 | 20.85 | 20.64 | 20.67 | 2 |
| | 64QAM | 1 | 0 | 21.05 | 20.84 | 20.87 | 2 |
| | | 1 | 12 | 21.02 | 20.81 | 20.84 | 2 |
| | | 1 | 24 | 21.01 | 20.80 | 20.83 | 2 |
| | | 12 | 0 | 20.03 | 19.82 | 19.85 | 3 |
| | | 12 | 6 | 20.01 | 19.80 | 19.83 | 3 |
| | | 12 | 13 | 19.96 | 19.75 | 19.78 | 3 |
| | | 25 | 0 | 19.95 | 19.74 | 19.77 | 3 |

| Band/BW | Modulation | RB Size | RB Offset | Low CH 20450 | Mid CH 20525 | High CH 20600 | 3GPP MPR (dB) |
|---------|------------|---------|-----------|----------------------|------------------------|----------------------|---------------------|
| | | | | Frequency 829 MHz | Frequency 836.5 MHz | Frequency 844 MHz | |
| 5/10 | QPSK | 1 | 0 | 22.92 | 22.71 | 22.74 | 0 |
| | | 1 | 24 | 22.89 | 22.68 | 22.71 | 0 |
| | | 1 | 49 | 22.85 | 22.64 | 22.67 | 0 |
| | | 25 | 0 | 21.85 | 21.64 | 21.67 | 1 |
| | | 25 | 12 | 21.83 | 21.62 | 21.65 | 1 |
| | | 25 | 25 | 21.79 | 21.58 | 21.61 | 1 |
| | | 50 | 0 | 21.83 | 21.62 | 21.65 | 1 |
| | 16QAM | 1 | 0 | 21.91 | 21.70 | 21.73 | 1 |
| | | 1 | 24 | 21.86 | 21.65 | 21.68 | 1 |
| | | 1 | 49 | 21.83 | 21.62 | 21.65 | 1 |
| | | 25 | 0 | 20.89 | 20.68 | 20.71 | 2 |
| | | 25 | 12 | 20.86 | 20.65 | 20.68 | 2 |
| | | 25 | 25 | 20.83 | 20.62 | 20.65 | 2 |
| | | 50 | 0 | 20.88 | 20.67 | 20.70 | 2 |
| | 64QAM | 1 | 0 | 21.08 | 20.87 | 20.90 | 2 |
| | | 1 | 24 | 21.05 | 20.84 | 20.87 | 2 |
| | | 1 | 49 | 21.04 | 20.83 | 20.86 | 2 |
| | | 25 | 0 | 20.06 | 19.85 | 19.88 | 3 |
| | | 25 | 12 | 20.04 | 19.83 | 19.86 | 3 |
| | | 25 | 25 | 19.99 | 19.78 | 19.81 | 3 |
| | | 50 | 0 | 19.98 | 19.77 | 19.80 | 3 |

LTE Band 26

| Band/BW | Modulation | RB Size | RB Offset | Low CH 26797 | Mid CH 26915 | High CH 27033 | 3GPP MPR (dB) |
|---------|------------|---------|-----------|------------------------|------------------------|------------------------|---------------------|
| | | | | Frequency 824.7 MHz | Frequency 836.5 MHz | Frequency 848.3 MHz | |
| 26/1.4 | QPSK | 1 | 0 | 22.71 | 22.54 | 22.56 | 0 |
| | | 1 | 2 | 22.68 | 22.51 | 22.53 | 0 |
| | | 1 | 5 | 22.67 | 22.50 | 22.52 | 0 |
| | | 3 | 0 | 22.69 | 22.52 | 22.54 | 0 |
| | | 3 | 1 | 22.66 | 22.49 | 22.51 | 0 |
| | | 3 | 3 | 22.65 | 22.48 | 22.50 | 0 |
| | | 6 | 0 | 21.55 | 21.38 | 21.40 | 1 |
| | 16QAM | 1 | 0 | 21.87 | 21.70 | 21.72 | 1 |
| | | 1 | 2 | 21.81 | 21.64 | 21.66 | 1 |
| | | 1 | 5 | 21.77 | 21.60 | 21.62 | 1 |
| | | 3 | 0 | 21.86 | 21.69 | 21.71 | 1 |
| | | 3 | 1 | 21.80 | 21.63 | 21.65 | 1 |
| | | 3 | 3 | 21.76 | 21.59 | 21.61 | 1 |
| | | 6 | 0 | 20.72 | 20.55 | 20.57 | 2 |
| | 64QAM | 1 | 0 | 20.86 | 20.69 | 20.71 | 2 |
| | | 1 | 2 | 20.82 | 20.65 | 20.67 | 2 |
| | | 1 | 5 | 20.80 | 20.63 | 20.65 | 2 |
| | | 3 | 0 | 20.85 | 20.68 | 20.70 | 3 |
| | | 3 | 1 | 20.81 | 20.64 | 20.66 | 3 |
| | | 3 | 3 | 20.79 | 20.62 | 20.64 | 3 |
| | | 6 | 0 | 19.70 | 19.53 | 19.55 | 3 |

| Band/BW | Modulation | RB Size | RB Offset | Low CH 26805 | Mid CH 26915 | High CH 27025 | 3GPP MPR (dB) |
|---------|------------|---------|-----------|------------------------|------------------------|------------------------|---------------------|
| | | | | Frequency 825.5 MHz | Frequency 836.5 MHz | Frequency 847.5 MHz | |
| 26/3 | QPSK | 1 | 0 | 22.75 | 22.58 | 22.60 | 0 |
| | | 1 | 7 | 22.72 | 22.55 | 22.57 | 0 |
| | | 1 | 14 | 22.71 | 22.54 | 22.56 | 0 |
| | | 8 | 0 | 21.62 | 21.45 | 21.47 | 1 |
| | | 8 | 3 | 21.60 | 21.43 | 21.45 | 1 |
| | | 8 | 7 | 21.61 | 21.44 | 21.46 | 1 |
| | | 15 | 0 | 21.59 | 21.42 | 21.44 | 1 |
| | 16QAM | 1 | 0 | 21.91 | 21.74 | 21.76 | 1 |
| | | 1 | 7 | 21.85 | 21.68 | 21.70 | 1 |
| | | 1 | 14 | 21.81 | 21.64 | 21.66 | 1 |
| | | 8 | 0 | 20.67 | 20.50 | 20.52 | 2 |
| | | 8 | 3 | 20.65 | 20.48 | 20.50 | 2 |
| | | 8 | 7 | 20.61 | 20.44 | 20.46 | 2 |
| | | 15 | 0 | 20.76 | 20.59 | 20.61 | 2 |
| | 64QAM | 1 | 0 | 20.90 | 20.73 | 20.75 | 2 |
| | | 1 | 7 | 20.86 | 20.69 | 20.71 | 2 |
| | | 1 | 14 | 20.84 | 20.67 | 20.69 | 2 |
| | | 8 | 0 | 20.89 | 20.72 | 20.74 | 3 |
| | | 8 | 3 | 20.85 | 20.68 | 20.70 | 3 |
| | | 8 | 7 | 20.83 | 20.66 | 20.68 | 3 |
| | | 15 | 0 | 19.74 | 19.57 | 19.59 | 3 |

| Band/BW | Modulation | RB Size | RB Offset | Low CH 26815 | Mid CH 26915 | High CH 27015 | 3GPP MPR (dB) |
|---------|------------|---------|-----------|------------------------|------------------------|------------------------|---------------------|
| | | | | Frequency 826.5 MHz | Frequency 836.5 MHz | Frequency 846.5 MHz | |
| 26/5 | QPSK | 1 | 0 | 22.78 | 22.61 | 22.63 | 0 |
| | | 1 | 12 | 22.75 | 22.58 | 22.60 | 0 |
| | | 1 | 24 | 22.74 | 22.57 | 22.59 | 0 |
| | | 12 | 0 | 21.65 | 21.48 | 21.50 | 1 |
| | | 12 | 6 | 21.63 | 21.46 | 21.48 | 1 |
| | | 12 | 13 | 21.64 | 21.47 | 21.49 | 1 |
| | | 25 | 0 | 21.62 | 21.45 | 21.47 | 1 |
| | 16QAM | 1 | 0 | 21.94 | 21.77 | 21.79 | 1 |
| | | 1 | 12 | 21.88 | 21.71 | 21.73 | 1 |
| | | 1 | 24 | 21.84 | 21.67 | 21.69 | 1 |
| | | 12 | 0 | 20.70 | 20.53 | 20.55 | 2 |
| | | 12 | 6 | 20.68 | 20.51 | 20.53 | 2 |
| | | 12 | 13 | 20.64 | 20.47 | 20.49 | 2 |
| | | 25 | 0 | 20.79 | 20.62 | 20.64 | 2 |
| | 64QAM | 1 | 0 | 20.94 | 20.77 | 20.79 | 2 |
| | | 1 | 12 | 20.90 | 20.73 | 20.75 | 2 |
| | | 1 | 24 | 20.88 | 20.71 | 20.73 | 2 |
| | | 12 | 0 | 20.93 | 20.76 | 20.78 | 3 |
| | | 12 | 6 | 20.89 | 20.72 | 20.74 | 3 |
| | | 12 | 13 | 20.87 | 20.70 | 20.72 | 3 |
| | | 25 | 0 | 19.78 | 19.61 | 19.63 | 3 |

| Band/BW | Modulation | RB Size | RB Offset | Low CH 26840 | Mid CH 26915 | High CH 26990 | 3GPP MPR (dB) |
|---------|------------|---------|-----------|----------------------|------------------------|----------------------|---------------------|
| | | | | Frequency 829 MHz | Frequency 836.5 MHz | Frequency 844 MHz | |
| 26/10 | QPSK | 1 | 0 | 22.81 | 22.64 | 22.66 | 0 |
| | | 1 | 24 | 22.78 | 22.61 | 22.63 | 0 |
| | | 1 | 49 | 22.77 | 22.60 | 22.62 | 0 |
| | | 25 | 0 | 21.68 | 21.51 | 21.53 | 1 |
| | | 25 | 12 | 21.66 | 21.49 | 21.51 | 1 |
| | | 25 | 25 | 21.67 | 21.50 | 21.52 | 1 |
| | | 50 | 0 | 21.65 | 21.48 | 21.50 | 1 |
| | 16QAM | 1 | 0 | 21.97 | 21.80 | 21.82 | 1 |
| | | 1 | 24 | 21.91 | 21.74 | 21.76 | 1 |
| | | 1 | 49 | 21.87 | 21.70 | 21.72 | 1 |
| | | 25 | 0 | 20.73 | 20.56 | 20.58 | 2 |
| | | 25 | 12 | 20.71 | 20.54 | 20.56 | 2 |
| | | 25 | 25 | 20.67 | 20.50 | 20.52 | 2 |
| | | 50 | 0 | 20.82 | 20.65 | 20.67 | 2 |
| | 64QAM | 1 | 0 | 20.98 | 20.81 | 20.83 | 2 |
| | | 1 | 24 | 20.94 | 20.77 | 20.79 | 2 |
| | | 1 | 49 | 20.92 | 20.75 | 20.77 | 2 |
| | | 25 | 0 | 20.97 | 20.80 | 20.82 | 3 |
| | | 25 | 12 | 20.93 | 20.76 | 20.78 | 3 |
| | | 25 | 25 | 20.91 | 20.74 | 20.76 | 3 |
| | | 50 | 0 | 19.82 | 19.65 | 19.67 | 3 |

| Band/BW | Modulation | RB Size | RB Offset | Low CH 26865 | Mid CH 26915 | High CH 26965 | 3GPP MPR (dB) |
|---------|------------|---------|-----------|------------------------|------------------------|------------------------|---------------------|
| | | | | Frequency 831.5 MHz | Frequency 836.5 MHz | Frequency 841.5 MHz | |
| 26/15 | QPSK | 1 | 0 | 22.84 | 22.67 | 22.69 | 0 |
| | | 1 | 24 | 22.81 | 22.64 | 22.66 | 0 |
| | | 1 | 49 | 22.80 | 22.63 | 22.65 | 0 |
| | | 25 | 0 | 21.71 | 21.54 | 21.56 | 1 |
| | | 25 | 12 | 21.69 | 21.52 | 21.54 | 1 |
| | | 25 | 25 | 21.70 | 21.53 | 21.55 | 1 |
| | | 50 | 0 | 21.68 | 21.51 | 21.53 | 1 |
| | 16QAM | 1 | 0 | 22.00 | 21.83 | 21.85 | 1 |
| | | 1 | 24 | 21.94 | 21.77 | 21.79 | 1 |
| | | 1 | 49 | 21.90 | 21.73 | 21.75 | 1 |
| | | 25 | 0 | 20.76 | 20.59 | 20.61 | 2 |
| | | 25 | 12 | 20.74 | 20.57 | 20.59 | 2 |
| | | 25 | 25 | 20.70 | 20.53 | 20.55 | 2 |
| | | 50 | 0 | 20.85 | 20.68 | 20.70 | 2 |
| | 64QAM | 1 | 0 | 21.02 | 20.85 | 20.87 | 2 |
| | | 1 | 24 | 20.98 | 20.81 | 20.83 | 2 |
| | | 1 | 49 | 20.96 | 20.79 | 20.81 | 2 |
| | | 25 | 0 | 19.78 | 19.61 | 19.63 | 3 |
| | | 25 | 12 | 19.76 | 19.59 | 19.61 | 3 |
| | | 25 | 25 | 19.73 | 19.56 | 19.58 | 3 |
| | | 50 | 0 | 19.86 | 19.69 | 19.71 | 3 |

| LTE Band 12 | | | | | | | |
|-------------|------------|---------|-----------|---------------------|---------------------|---------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 23017 | Mid CH 23095 | High CH 23173 | MPR |
| | | | | Frequency 699.7 MHz | Frequency 707.5 MHz | Frequency 715.3 MHz | |
| 1.4 MHz | QPSK | 1 | 0 | 22.51 | 22.76 | 22.78 | 0 |
| | | 1 | 2 | 22.47 | 22.72 | 22.74 | 0 |
| | | 1 | 5 | 22.43 | 22.68 | 22.70 | 0 |
| | | 3 | 0 | 22.49 | 22.74 | 22.76 | 0 |
| | | 3 | 1 | 22.45 | 22.70 | 22.72 | 0 |
| | | 3 | 3 | 22.41 | 22.66 | 22.68 | 0 |
| | | 6 | 0 | 21.50 | 21.75 | 21.77 | 1 |
| | 16QAM | 1 | 0 | 21.56 | 21.81 | 21.83 | 1 |
| | | 1 | 2 | 21.54 | 21.79 | 21.81 | 1 |
| | | 1 | 5 | 21.53 | 21.78 | 21.80 | 1 |
| | | 3 | 0 | 21.55 | 21.80 | 21.82 | 1 |
| | | 3 | 1 | 21.53 | 21.78 | 21.80 | 1 |
| | | 3 | 3 | 21.52 | 21.77 | 21.79 | 1 |
| | | 6 | 0 | 20.53 | 20.78 | 20.80 | 2 |
| | 64QAM | 1 | 0 | 20.78 | 21.03 | 21.05 | 2 |
| | | 1 | 2 | 20.75 | 21.00 | 21.02 | 2 |
| | | 1 | 5 | 20.73 | 20.98 | 21.00 | 2 |
| | | 3 | 0 | 20.77 | 21.02 | 21.04 | 3 |
| | | 3 | 1 | 20.74 | 20.99 | 21.01 | 3 |
| | | 3 | 3 | 20.72 | 20.97 | 20.99 | 3 |
| | | 6 | 0 | 19.68 | 19.93 | 19.95 | 3 |

| LTE Band 12 | | | | | | | |
|-------------|------------|---------|-----------|------------------------|------------------------|------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 23025 | Mid CH 23095 | High CH 23165 | MPR |
| | | | | Frequency 700.5 MHz | Frequency 707.5 MHz | Frequency 714.5 MHz | |
| 3 MHz | QPSK | 1 | 0 | 22.55 | 22.80 | 22.82 | 0 |
| | | 1 | 7 | 22.51 | 22.76 | 22.78 | 0 |
| | | 1 | 14 | 22.47 | 22.72 | 22.74 | 0 |
| | | 8 | 0 | 21.45 | 21.70 | 21.72 | 1 |
| | | 8 | 3 | 21.41 | 21.66 | 21.68 | 1 |
| | | 8 | 7 | 21.39 | 21.64 | 21.66 | 1 |
| | | 15 | 0 | 21.54 | 21.79 | 21.81 | 1 |
| | 16QAM | 1 | 0 | 21.60 | 21.85 | 21.87 | 1 |
| | | 1 | 7 | 21.58 | 21.83 | 21.85 | 1 |
| | | 1 | 14 | 21.57 | 21.82 | 21.84 | 1 |
| | | 8 | 0 | 20.50 | 20.75 | 20.77 | 2 |
| | | 8 | 3 | 20.48 | 20.73 | 20.75 | 2 |
| | | 8 | 7 | 20.47 | 20.72 | 20.74 | 2 |
| | | 15 | 0 | 20.57 | 20.82 | 20.84 | 2 |
| | 64QAM | 1 | 0 | 20.82 | 21.07 | 21.09 | 2 |
| | | 1 | 7 | 20.79 | 21.04 | 21.06 | 2 |
| | | 1 | 14 | 20.77 | 21.02 | 21.04 | 2 |
| | | 8 | 0 | 19.73 | 19.98 | 20.00 | 3 |
| | | 8 | 3 | 19.77 | 20.02 | 20.04 | 3 |
| | | 8 | 7 | 19.70 | 19.95 | 19.97 | 3 |
| | | 15 | 0 | 19.72 | 19.97 | 19.99 | 3 |

| LTE Band 12 | | | | | | | |
|-------------|------------|---------|-----------|---------------------|---------------------|---------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 23035 | Mid CH 23095 | High CH 23155 | MPR |
| | | | | Frequency 701.5 MHz | Frequency 707.5 MHz | Frequency 713.5 MHz | |
| 5 MHz | QPSK | 1 | 0 | 22.61 | 22.86 | 22.88 | 0 |
| | | 1 | 12 | 22.57 | 22.82 | 22.84 | 0 |
| | | 1 | 24 | 22.53 | 22.78 | 22.80 | 0 |
| | | 12 | 0 | 21.51 | 21.76 | 21.78 | 1 |
| | | 12 | 6 | 21.47 | 21.72 | 21.74 | 1 |
| | | 12 | 13 | 21.45 | 21.70 | 21.72 | 1 |
| | | 25 | 0 | 21.60 | 21.85 | 21.87 | 1 |
| | 16QAM | 1 | 0 | 21.66 | 21.91 | 21.93 | 1 |
| | | 1 | 12 | 21.64 | 21.89 | 21.91 | 1 |
| | | 1 | 24 | 21.63 | 21.88 | 21.90 | 1 |
| | | 12 | 0 | 20.56 | 20.81 | 20.83 | 2 |
| | | 12 | 6 | 20.54 | 20.79 | 20.81 | 2 |
| | | 12 | 13 | 20.53 | 20.78 | 20.80 | 2 |
| | | 25 | 0 | 20.63 | 20.88 | 20.90 | 2 |
| | 64QAM | 1 | 0 | 20.88 | 21.13 | 21.15 | 2 |
| | | 1 | 12 | 20.85 | 21.10 | 21.12 | 2 |
| | | 1 | 24 | 20.83 | 21.08 | 21.10 | 2 |
| | | 12 | 0 | 19.79 | 20.04 | 20.06 | 3 |
| | | 12 | 6 | 19.83 | 20.08 | 20.10 | 3 |
| | | 12 | 13 | 19.76 | 20.01 | 20.03 | 3 |
| | | 25 | 0 | 19.78 | 20.03 | 20.05 | 3 |

| LTE Band 12 | | | | | | | |
|-------------|------------|---------|-----------|-------------------|---------------------|-------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 23060 | Mid CH 23095 | High CH 23130 | MPR |
| | | | | Frequency 704 MHz | Frequency 707.5 MHz | Frequency 711 MHz | |
| 10 MHz | QPSK | 1 | 0 | 22.64 | 22.89 | 22.91 | 0 |
| | | 1 | 24 | 22.60 | 22.85 | 22.87 | 0 |
| | | 1 | 49 | 22.56 | 22.81 | 22.83 | 0 |
| | | 25 | 0 | 21.54 | 21.79 | 21.81 | 1 |
| | | 25 | 12 | 21.50 | 21.75 | 21.77 | 1 |
| | | 25 | 25 | 21.48 | 21.73 | 21.75 | 1 |
| | | 50 | 0 | 21.63 | 21.88 | 21.90 | 1 |
| | 16QAM | 1 | 0 | 21.69 | 21.94 | 21.96 | 1 |
| | | 1 | 24 | 21.67 | 21.92 | 21.94 | 1 |
| | | 1 | 49 | 21.66 | 21.91 | 21.93 | 1 |
| | | 25 | 0 | 20.59 | 20.84 | 20.86 | 2 |
| | | 25 | 12 | 20.57 | 20.82 | 20.84 | 2 |
| | | 25 | 25 | 20.56 | 20.81 | 20.83 | 2 |
| | | 50 | 0 | 20.66 | 20.91 | 20.93 | 2 |
| | 64QAM | 1 | 0 | 20.91 | 21.16 | 21.18 | 2 |
| | | 1 | 24 | 20.88 | 21.13 | 21.15 | 2 |
| | | 1 | 49 | 20.86 | 21.11 | 21.13 | 2 |
| | | 25 | 0 | 19.82 | 20.07 | 20.09 | 3 |
| | | 25 | 12 | 19.86 | 20.11 | 20.13 | 3 |
| | | 25 | 25 | 19.79 | 20.04 | 20.06 | 3 |
| | | 50 | 0 | 19.81 | 20.06 | 20.08 | 3 |

| LTE Band 13 | | | | | | | |
|-------------|------------|---------|-----------|------------------------|------------------------|------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 23205 | Mid CH 23230 | High CH 23255 | MPR |
| | | | | Frequency 779.5 MHz | Frequency 782.0 MHz | Frequency 784.5 MHz | |
| 5 MHz | QPSK | 1 | 0 | 22.73 | 22.88 | 22.86 | 0 |
| | | 1 | 12 | 22.89 | 23.04 | 23.02 | 0 |
| | | 1 | 24 | 23.16 | 23.31 | 23.29 | 0 |
| | | 12 | 0 | 21.91 | 22.06 | 22.04 | 1 |
| | | 12 | 6 | 21.92 | 22.07 | 22.05 | 1 |
| | | 12 | 13 | 22.03 | 22.18 | 22.16 | 1 |
| | | 25 | 0 | 22.00 | 22.15 | 22.13 | 1 |
| | 16QAM | 1 | 0 | 21.96 | 22.11 | 22.09 | 1 |
| | | 1 | 12 | 22.03 | 22.18 | 22.16 | 1 |
| | | 1 | 24 | 22.43 | 22.58 | 22.56 | 1 |
| | | 12 | 0 | 20.99 | 21.14 | 21.12 | 2 |
| | | 12 | 6 | 21.05 | 21.20 | 21.18 | 2 |
| | | 12 | 13 | 21.09 | 21.24 | 21.22 | 2 |
| | | 25 | 0 | 21.08 | 21.23 | 21.21 | 2 |
| | 64QAM | 1 | 0 | 21.01 | 21.16 | 21.14 | 2 |
| | | 1 | 12 | 21.13 | 21.28 | 21.26 | 2 |
| | | 1 | 24 | 21.42 | 21.57 | 21.55 | 2 |
| | | 12 | 0 | 19.99 | 20.14 | 20.12 | 3 |
| | | 12 | 6 | 20.03 | 20.18 | 20.16 | 3 |
| | | 12 | 13 | 20.12 | 20.27 | 20.25 | 3 |
| | | 25 | 0 | 20.10 | 20.25 | 20.23 | 3 |

| LTE Band 13 | | | | | | | |
|-------------|------------|---------|-----------|---------------|---------------------|---------------|-----|
| BW | Modulation | RB Size | RB Offset | CH | CH 23230 | CH | MPR |
| | | | | Frequency MHz | Frequency 782.0 MHz | Frequency MHz | |
| 10 MHz | QPSK | 1 | 0 | - | 22.91 | - | 0 |
| | | 1 | 24 | - | 23.07 | - | 0 |
| | | 1 | 49 | - | 23.34 | - | 0 |
| | | 25 | 0 | - | 22.09 | - | 1 |
| | | 25 | 12 | - | 22.10 | - | 1 |
| | | 25 | 25 | - | 22.21 | - | 1 |
| | | 50 | 0 | - | 22.18 | - | 1 |
| | 16QAM | 1 | 0 | - | 22.14 | - | 1 |
| | | 1 | 24 | - | 22.21 | - | 1 |
| | | 1 | 49 | - | 22.61 | - | 1 |
| | | 25 | 0 | - | 21.17 | - | 2 |
| | | 25 | 12 | - | 21.23 | - | 2 |
| | | 25 | 25 | - | 21.27 | - | 2 |
| | | 50 | 0 | - | 21.26 | - | 2 |
| | 64QAM | 1 | 0 | - | 21.19 | - | 2 |
| | | 1 | 24 | - | 21.31 | - | 2 |
| | | 1 | 49 | - | 21.60 | - | 2 |
| | | 25 | 0 | - | 20.17 | - | 3 |
| | | 25 | 12 | - | 20.21 | - | 3 |
| | | 25 | 25 | - | 20.30 | - | 3 |
| | | 50 | 0 | - | 20.28 | - | 3 |

| LTE Band 17 | | | | | | | |
|-------------|------------|---------|-----------|------------------------|----------------------|------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 23755 | Mid CH 23790 | High CH 23825 | MPR |
| | | | | Frequency 706.5 MHz | Frequency 710 MHz | Frequency 713.5 MHz | |
| 5 MHz | QPSK | 1 | 0 | 22.75 | 22.78 | 22.77 | 0 |
| | | 1 | 12 | 22.90 | 22.93 | 22.92 | 0 |
| | | 1 | 24 | 23.04 | 23.07 | 23.06 | 0 |
| | | 12 | 0 | 21.77 | 21.80 | 21.79 | 1 |
| | | 12 | 6 | 21.88 | 21.91 | 21.90 | 1 |
| | | 12 | 13 | 21.92 | 21.95 | 21.94 | 1 |
| | | 25 | 0 | 21.89 | 21.92 | 21.91 | 1 |
| | 16QAM | 1 | 0 | 21.89 | 21.92 | 21.91 | 1 |
| | | 1 | 12 | 22.08 | 22.11 | 22.10 | 1 |
| | | 1 | 24 | 22.17 | 22.20 | 22.19 | 1 |
| | | 12 | 0 | 20.87 | 20.90 | 20.89 | 2 |
| | | 12 | 6 | 21.00 | 21.03 | 21.02 | 2 |
| | | 12 | 13 | 21.04 | 21.07 | 21.06 | 2 |
| | | 25 | 0 | 20.96 | 20.99 | 20.98 | 2 |
| | 64QAM | 1 | 0 | 21.06 | 21.09 | 21.08 | 2 |
| | | 1 | 24 | 21.11 | 21.14 | 21.13 | 2 |
| | | 1 | 49 | 21.31 | 21.34 | 21.33 | 2 |
| | | 25 | 0 | 19.96 | 19.99 | 19.98 | 3 |
| | | 25 | 12 | 19.99 | 20.02 | 20.01 | 3 |
| | | 25 | 25 | 20.04 | 20.07 | 20.06 | 3 |
| | | 50 | 0 | 19.95 | 19.98 | 19.97 | 3 |

| LTE Band 17 | | | | | | | |
|-------------|------------|---------|-----------|----------------------|----------------------|----------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 23780 | Mid CH 23790 | High CH 23800 | MPR |
| | | | | Frequency 709 MHz | Frequency 710 MHz | Frequency 711 MHz | |
| 10 MHz | QPSK | 1 | 0 | 22.79 | 22.82 | 22.81 | 0 |
| | | 1 | 24 | 22.94 | 22.97 | 22.96 | 0 |
| | | 1 | 49 | 23.08 | 23.11 | 23.10 | 0 |
| | | 25 | 0 | 21.81 | 21.84 | 21.83 | 1 |
| | | 25 | 12 | 21.92 | 21.95 | 21.94 | 1 |
| | | 25 | 25 | 21.96 | 21.99 | 21.98 | 1 |
| | | 50 | 0 | 21.93 | 21.96 | 21.95 | 1 |
| | 16QAM | 1 | 0 | 21.93 | 21.96 | 21.95 | 1 |
| | | 1 | 24 | 22.12 | 22.15 | 22.14 | 1 |
| | | 1 | 49 | 22.21 | 22.24 | 22.23 | 1 |
| | | 25 | 0 | 20.91 | 20.94 | 20.93 | 2 |
| | | 25 | 12 | 21.04 | 21.07 | 21.06 | 2 |
| | | 25 | 25 | 21.08 | 21.11 | 21.10 | 2 |
| | | 50 | 0 | 21.00 | 21.03 | 21.02 | 2 |
| | 64QAM | 1 | 0 | 21.10 | 21.13 | 21.12 | 2 |
| | | 1 | 24 | 21.15 | 21.18 | 21.17 | 2 |
| | | 1 | 49 | 21.35 | 21.38 | 21.37 | 2 |
| | | 25 | 0 | 20.00 | 20.03 | 20.02 | 3 |
| | | 25 | 12 | 20.03 | 20.06 | 20.05 | 3 |
| | | 25 | 25 | 20.08 | 20.11 | 20.10 | 3 |
| | | 50 | 0 | 19.99 | 20.02 | 20.01 | 3 |

| LTE Band 7 | | | | | | | |
|------------|------------|---------|-----------|----------------------|--------------------|----------------------|---------------|
| BW | Modulation | RB Size | RB Offset | Low CH 20775 | Mid CH 21100 | High CH 21425 | 3GPP MPR (dB) |
| | | | | Frequency 2502.5 MHz | Frequency 2535 MHz | Frequency 2567.5 MHz | |
| 5MHz | QPSK | 1 | 0 | 23.60 | 23.54 | 23.28 | 0 |
| | | 1 | 12 | 23.41 | 23.35 | 23.09 | 0 |
| | | 1 | 24 | 23.52 | 23.46 | 23.20 | 0 |
| | | 12 | 0 | 22.51 | 22.45 | 22.19 | 1 |
| | | 12 | 6 | 22.45 | 22.39 | 22.13 | 1 |
| | | 12 | 13 | 22.47 | 22.41 | 22.15 | 1 |
| | | 25 | 0 | 22.50 | 22.44 | 22.18 | 1 |
| | 16QAM | 1 | 0 | 22.74 | 22.68 | 22.42 | 1 |
| | | 1 | 12 | 22.62 | 22.56 | 22.30 | 1 |
| | | 1 | 24 | 22.78 | 22.72 | 22.46 | 1 |
| | | 12 | 0 | 21.56 | 21.50 | 21.24 | 2 |
| | | 12 | 6 | 21.51 | 21.45 | 21.19 | 2 |
| | | 12 | 13 | 21.37 | 21.31 | 21.05 | 2 |
| | | 25 | 0 | 21.55 | 21.49 | 21.23 | 2 |
| | 64QAM | 1 | 0 | 21.89 | 21.83 | 21.57 | 2 |
| | | 1 | 12 | 21.71 | 21.65 | 21.39 | 2 |
| | | 1 | 24 | 21.82 | 21.76 | 21.50 | 2 |
| | | 12 | 0 | 20.56 | 20.50 | 20.24 | 3 |
| | | 12 | 6 | 20.50 | 20.44 | 20.18 | 3 |
| | | 12 | 13 | 20.48 | 20.42 | 20.16 | 3 |
| | | 25 | 0 | 20.54 | 20.48 | 20.22 | 3 |

| LTE Band 7 | | | | | | | |
|------------|------------|---------|-----------|--------------------|--------------------|--------------------|---------------|
| BW | Modulation | RB Size | RB Offset | Low CH 20800 | Mid CH 21100 | High CH 21400 | 3GPP MPR (dB) |
| | | | | Frequency 2505 MHz | Frequency 2535 MHz | Frequency 2565 MHz | |
| 10MHz | QPSK | 1 | 0 | 23.64 | 23.58 | 23.32 | 0 |
| | | 1 | 24 | 23.45 | 23.39 | 23.13 | 0 |
| | | 1 | 49 | 23.56 | 23.50 | 23.24 | 0 |
| | | 25 | 0 | 22.55 | 22.49 | 22.23 | 1 |
| | | 25 | 12 | 22.49 | 22.43 | 22.17 | 1 |
| | | 25 | 25 | 22.51 | 22.45 | 22.19 | 1 |
| | | 50 | 0 | 22.54 | 22.48 | 22.22 | 1 |
| | 16QAM | 1 | 0 | 22.78 | 22.72 | 22.46 | 1 |
| | | 1 | 24 | 22.66 | 22.60 | 22.34 | 1 |
| | | 1 | 49 | 22.82 | 22.76 | 22.50 | 1 |
| | | 25 | 0 | 21.60 | 21.54 | 21.28 | 2 |
| | | 25 | 12 | 21.55 | 21.49 | 21.23 | 2 |
| | | 25 | 25 | 21.41 | 21.35 | 21.09 | 2 |
| | | 50 | 0 | 21.59 | 21.53 | 21.27 | 2 |
| | 64QAM | 1 | 0 | 21.93 | 21.87 | 21.61 | 2 |
| | | 1 | 24 | 21.75 | 21.69 | 21.43 | 2 |
| | | 1 | 49 | 21.86 | 21.80 | 21.54 | 2 |
| | | 25 | 0 | 20.60 | 20.54 | 20.28 | 3 |
| | | 25 | 12 | 20.54 | 20.48 | 20.22 | 3 |
| | | 25 | 25 | 20.52 | 20.46 | 20.20 | 3 |
| | | 50 | 0 | 20.58 | 20.52 | 20.26 | 3 |

| LTE Band 7 | | | | | | | |
|------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 20825 | Mid CH 21100 | High CH 21375 | 3GPP MPR (dB) |
| | | | | Frequency 2507.5 MHz | Frequency 2535 MHz | Frequency 2562.5 MHz | |
| 15MHz | QPSK | 1 | 0 | 23.70 | 23.64 | 23.38 | 0 |
| | | 1 | 37 | 23.51 | 23.45 | 23.19 | 0 |
| | | 1 | 74 | 23.62 | 23.56 | 23.30 | 0 |
| | | 36 | 0 | 22.61 | 22.55 | 22.29 | 1 |
| | | 36 | 19 | 22.55 | 22.49 | 22.23 | 1 |
| | | 36 | 39 | 22.57 | 22.51 | 22.25 | 1 |
| | | 75 | 0 | 22.60 | 22.54 | 22.28 | 1 |
| | 16QAM | 1 | 0 | 22.84 | 22.78 | 22.52 | 1 |
| | | 1 | 37 | 22.72 | 22.66 | 22.40 | 1 |
| | | 1 | 74 | 22.88 | 22.82 | 22.56 | 1 |
| | | 36 | 0 | 21.66 | 21.60 | 21.34 | 2 |
| | | 36 | 19 | 21.61 | 21.55 | 21.29 | 2 |
| | | 36 | 39 | 21.47 | 21.41 | 21.15 | 2 |
| | | 75 | 0 | 21.65 | 21.59 | 21.33 | 2 |
| | 64QAM | 1 | 0 | 21.99 | 21.93 | 21.67 | 2 |
| | | 1 | 37 | 21.81 | 21.75 | 21.49 | 2 |
| | | 1 | 74 | 21.92 | 21.86 | 21.60 | 2 |
| | | 36 | 0 | 20.66 | 20.60 | 20.34 | 3 |
| | | 36 | 19 | 20.60 | 20.54 | 20.28 | 3 |
| | | 36 | 39 | 20.58 | 20.52 | 20.26 | 3 |
| | | 75 | 0 | 20.64 | 20.58 | 20.32 | 3 |

| LTE Band 7 | | | | | | | |
|------------|------------|---------|-----------|--------------------|--------------------|--------------------|---------------|
| BW | Modulation | RB Size | RB Offset | Low CH 20850 | Mid CH 21100 | High CH 21350 | 3GPP MPR (dB) |
| | | | | Frequency 2510 MHz | Frequency 2535 MHz | Frequency 2560 MHz | |
| 20MHz | QPSK | 1 | 0 | 23.73 | 23.67 | 23.41 | 0 |
| | | 1 | 50 | 23.54 | 23.48 | 23.22 | 0 |
| | | 1 | 99 | 23.65 | 23.59 | 23.33 | 0 |
| | | 50 | 0 | 22.64 | 22.58 | 22.32 | 1 |
| | | 50 | 25 | 22.58 | 22.52 | 22.26 | 1 |
| | | 50 | 50 | 22.60 | 22.54 | 22.28 | 1 |
| | | 100 | 0 | 22.63 | 22.57 | 22.31 | 1 |
| | 16QAM | 1 | 0 | 22.87 | 22.81 | 22.55 | 1 |
| | | 1 | 50 | 22.75 | 22.69 | 22.43 | 1 |
| | | 1 | 99 | 22.91 | 22.85 | 22.59 | 1 |
| | | 50 | 0 | 21.69 | 21.63 | 21.37 | 2 |
| | | 50 | 25 | 21.64 | 21.58 | 21.32 | 2 |
| | | 50 | 50 | 21.50 | 21.44 | 21.18 | 2 |
| | | 100 | 0 | 21.68 | 21.62 | 21.36 | 2 |
| | 64QAM | 1 | 0 | 22.02 | 21.96 | 21.70 | 2 |
| | | 1 | 50 | 21.84 | 21.78 | 21.52 | 2 |
| | | 1 | 99 | 21.95 | 21.89 | 21.63 | 2 |
| | | 50 | 0 | 20.69 | 20.63 | 20.37 | 3 |
| | | 50 | 25 | 20.63 | 20.57 | 20.31 | 3 |
| | | 50 | 50 | 20.61 | 20.55 | 20.29 | 3 |
| | | 100 | 0 | 20.67 | 20.61 | 20.35 | 3 |

| LTE Band 38 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 37775 | Mid CH 38000 | High CH 38225 | 3GPP MPR (dB) |
| | | | | Frequency 2572.5 MHz | Frequency 2595 MHz | Frequency 2617.5MHz | |
| 5MHz | QPSK | 1 | 0 | 22.98 | 22.82 | 22.77 | 0 |
| | | 1 | 12 | 22.87 | 22.71 | 22.66 | 0 |
| | | 1 | 24 | 22.95 | 22.79 | 22.74 | 0 |
| | | 12 | 0 | 21.90 | 21.74 | 21.69 | 1 |
| | | 12 | 6 | 21.89 | 21.73 | 21.68 | 1 |
| | | 12 | 13 | 21.85 | 21.69 | 21.64 | 1 |
| | | 25 | 0 | 21.87 | 21.71 | 21.66 | 1 |
| | 16QAM | 1 | 0 | 21.99 | 21.83 | 21.78 | 1 |
| | | 1 | 12 | 21.87 | 21.71 | 21.66 | 1 |
| | | 1 | 24 | 21.83 | 21.67 | 21.62 | 1 |
| | | 12 | 0 | 20.94 | 20.78 | 20.73 | 2 |
| | | 12 | 6 | 20.92 | 20.76 | 20.71 | 2 |
| | | 12 | 13 | 20.87 | 20.71 | 20.66 | 2 |
| | | 25 | 0 | 20.92 | 20.76 | 20.71 | 2 |
| | 64QAM | 1 | 0 | 21.14 | 20.98 | 20.93 | 2 |
| | | 1 | 12 | 21.10 | 20.94 | 20.89 | 2 |
| | | 1 | 24 | 21.07 | 20.91 | 20.86 | 2 |
| | | 12 | 0 | 19.94 | 19.78 | 19.73 | 3 |
| | | 12 | 6 | 19.93 | 19.77 | 19.72 | 3 |
| | | 12 | 13 | 19.92 | 19.76 | 19.71 | 3 |
| | | 25 | 0 | 19.91 | 19.75 | 19.70 | 3 |

| LTE Band 38 | | | | | | | |
|-------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 37800 | Mid CH 38000 | High CH 38200 | 3GPP MPR (dB) |
| | | | | Frequency 2575 MHz | Frequency 2595 MHz | Frequency 2615 MHz | |
| 10MHz | QPSK | 1 | 0 | 23.02 | 22.86 | 22.81 | 0 |
| | | 1 | 24 | 22.91 | 22.75 | 22.70 | 0 |
| | | 1 | 49 | 22.99 | 22.83 | 22.78 | 0 |
| | | 25 | 0 | 21.94 | 21.78 | 21.73 | 1 |
| | | 25 | 12 | 21.93 | 21.77 | 21.72 | 1 |
| | | 25 | 25 | 21.89 | 21.73 | 21.68 | 1 |
| | | 50 | 0 | 21.91 | 21.75 | 21.70 | 1 |
| | 16QAM | 1 | 0 | 22.03 | 21.87 | 21.82 | 1 |
| | | 1 | 24 | 21.91 | 21.75 | 21.70 | 1 |
| | | 1 | 49 | 21.87 | 21.71 | 21.66 | 1 |
| | | 25 | 0 | 20.98 | 20.82 | 20.77 | 2 |
| | | 25 | 12 | 20.96 | 20.80 | 20.75 | 2 |
| | | 25 | 25 | 20.91 | 20.75 | 20.70 | 2 |
| | | 50 | 0 | 20.96 | 20.80 | 20.75 | 2 |
| | 64QAM | 1 | 0 | 21.18 | 21.02 | 20.97 | 2 |
| | | 1 | 24 | 21.14 | 20.98 | 20.93 | 2 |
| | | 1 | 49 | 21.11 | 20.95 | 20.90 | 2 |
| | | 25 | 0 | 19.98 | 19.82 | 19.77 | 3 |
| | | 25 | 12 | 19.97 | 19.81 | 19.76 | 3 |
| | | 25 | 25 | 19.96 | 19.80 | 19.75 | 3 |
| | | 50 | 0 | 19.95 | 19.79 | 19.74 | 3 |

| LTE Band 38 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 37825 | Mid CH 38000 | High CH 38175 | 3GPP MPR (dB) |
| | | | | Frequency 2577.5 MHz | Frequency 2595 MHz | Frequency 2612.5MHz | |
| 15MHz | QPSK | 1 | 0 | 23.05 | 22.89 | 22.84 | 0 |
| | | 1 | 37 | 22.94 | 22.78 | 22.73 | 0 |
| | | 1 | 74 | 23.02 | 22.86 | 22.81 | 0 |
| | | 36 | 0 | 21.97 | 21.81 | 21.76 | 1 |
| | | 36 | 19 | 21.96 | 21.80 | 21.75 | 1 |
| | | 36 | 39 | 21.92 | 21.76 | 21.71 | 1 |
| | | 75 | 0 | 21.94 | 21.78 | 21.73 | 1 |
| | 16QAM | 1 | 0 | 22.06 | 21.90 | 21.85 | 1 |
| | | 1 | 37 | 21.94 | 21.78 | 21.73 | 1 |
| | | 1 | 74 | 21.90 | 21.74 | 21.69 | 1 |
| | | 36 | 0 | 21.01 | 20.85 | 20.80 | 2 |
| | | 36 | 19 | 20.99 | 20.83 | 20.78 | 2 |
| | | 36 | 39 | 20.94 | 20.78 | 20.73 | 2 |
| | | 75 | 0 | 20.99 | 20.83 | 20.78 | 2 |
| | 64QAM | 1 | 0 | 21.21 | 21.05 | 21.00 | 2 |
| | | 1 | 37 | 21.17 | 21.01 | 20.96 | 2 |
| | | 1 | 74 | 21.14 | 20.98 | 20.93 | 2 |
| | | 36 | 0 | 20.01 | 19.85 | 19.80 | 3 |
| | | 36 | 19 | 20.00 | 19.84 | 19.79 | 3 |
| | | 36 | 39 | 19.99 | 19.83 | 19.78 | 3 |
| | | 75 | 0 | 19.98 | 19.82 | 19.77 | 3 |

| LTE Band 38 | | | | | | | |
|-------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 37850 | Mid CH 38000 | High CH 38150 | 3GPP MPR (dB) |
| | | | | Frequency 2580 MHz | Frequency 2595 MHz | Frequency 2610 MHz | |
| 20MHz | QPSK | 1 | 0 | 23.12 | 22.96 | 22.91 | 0 |
| | | 1 | 50 | 23.01 | 22.85 | 22.80 | 0 |
| | | 1 | 99 | 23.09 | 22.93 | 22.88 | 0 |
| | | 50 | 0 | 22.04 | 21.88 | 21.83 | 1 |
| | | 50 | 25 | 22.03 | 21.87 | 21.82 | 1 |
| | | 50 | 50 | 21.99 | 21.83 | 21.78 | 1 |
| | | 100 | 0 | 22.01 | 21.85 | 21.80 | 1 |
| | 16QAM | 1 | 0 | 22.13 | 21.97 | 21.92 | 1 |
| | | 1 | 50 | 22.01 | 21.85 | 21.80 | 1 |
| | | 1 | 99 | 21.97 | 21.81 | 21.76 | 1 |
| | | 50 | 0 | 21.08 | 20.92 | 20.87 | 2 |
| | | 50 | 25 | 21.06 | 20.90 | 20.85 | 2 |
| | | 50 | 50 | 21.01 | 20.85 | 20.80 | 2 |
| | | 100 | 0 | 21.06 | 20.90 | 20.85 | 2 |
| | 64QAM | 1 | 0 | 21.28 | 21.12 | 21.07 | 2 |
| | | 1 | 50 | 21.24 | 21.08 | 21.03 | 2 |
| | | 1 | 99 | 21.21 | 21.05 | 21.00 | 2 |
| | | 50 | 0 | 20.08 | 19.92 | 19.87 | 3 |
| | | 50 | 25 | 20.07 | 19.91 | 19.86 | 3 |
| | | 50 | 50 | 20.06 | 19.90 | 19.85 | 3 |
| | | 100 | 0 | 20.05 | 19.89 | 19.84 | 3 |

| LTE Band 41 | | | | | | | | | |
|-------------|------------|---------|-----------|-----------------------|-----------------------|---------------------|-----------------------|-----------------------|----------------|
| BW | Modulation | RB Size | RB Offset | Low CH (39675) | Low CH (40148) | Mid CH (40620) | High CH (41093) | High CH (41565) | 3GP P MPR (dB) |
| | | | | Frequency (2498.5)MHz | Frequency (2545.8)MHz | Frequency (2593)MHz | Frequency (2640.3)MHz | Frequency (2687.5)MHz | |
| 5MHz | QPSK | 1 | 0 | 23.70 | 23.04 | 22.80 | 22.55 | 22.41 | 0 |
| | | 1 | 12 | 23.59 | 22.93 | 22.69 | 22.44 | 22.30 | 0 |
| | | 1 | 24 | 23.67 | 23.01 | 22.77 | 22.52 | 22.38 | 0 |
| | | 12 | 0 | 22.61 | 21.95 | 21.71 | 21.46 | 21.32 | 1 |
| | | 12 | 6 | 22.58 | 21.92 | 21.68 | 21.43 | 21.29 | 1 |
| | | 12 | 13 | 22.56 | 21.90 | 21.66 | 21.41 | 21.27 | 1 |
| | | 25 | 0 | 22.57 | 21.91 | 21.67 | 21.42 | 21.28 | 1 |
| | 16QAM | 1 | 0 | 22.79 | 22.13 | 21.89 | 21.64 | 21.50 | 1 |
| | | 1 | 12 | 22.71 | 22.05 | 21.81 | 21.56 | 21.42 | 1 |
| | | 1 | 24 | 22.77 | 22.11 | 21.87 | 21.62 | 21.48 | 1 |
| | | 12 | 0 | 21.64 | 20.98 | 20.74 | 20.49 | 20.35 | 2 |
| | | 12 | 6 | 21.55 | 20.89 | 20.65 | 20.40 | 20.26 | 2 |
| | | 12 | 13 | 21.61 | 20.95 | 20.71 | 20.46 | 20.32 | 2 |
| | | 25 | 0 | 21.57 | 20.91 | 20.67 | 20.42 | 20.28 | 2 |
| | 64QAM | 1 | 0 | 21.87 | 21.21 | 20.97 | 20.72 | 20.58 | 2 |
| | | 1 | 12 | 21.82 | 21.16 | 20.92 | 20.67 | 20.53 | 2 |
| | | 1 | 24 | 21.85 | 21.19 | 20.95 | 20.70 | 20.56 | 2 |
| | | 12 | 0 | 20.59 | 19.93 | 19.69 | 19.44 | 19.30 | 3 |
| | | 12 | 6 | 20.54 | 19.88 | 19.64 | 19.39 | 19.25 | 3 |
| | | 12 | 13 | 20.56 | 19.90 | 19.66 | 19.41 | 19.27 | 3 |
| | | 25 | 0 | 20.53 | 19.87 | 19.63 | 19.38 | 19.24 | 3 |

| LTE Band 41 | | | | | | | | | |
|-------------|------------|---------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------|
| BW | Modulation | RB Size | RB Offset | Low CH (39700) | Low CH (40160) | Mid CH (40620) | High CH (41080) | High CH (41540) | 3GP P MPR (dB) |
| | | | | Frequency (2501)MHz | Frequency (2547)MHz | Frequency (2593)MHz | Frequency (2639)MHz | Frequency (2685)MHz | |
| 10MHz | QPSK | 1 | 0 | 23.73 | 23.07 | 22.83 | 22.58 | 22.44 | 0 |
| | | 1 | 24 | 23.62 | 22.96 | 22.72 | 22.47 | 22.33 | 0 |
| | | 1 | 49 | 23.70 | 23.04 | 22.80 | 22.55 | 22.41 | 0 |
| | | 25 | 0 | 22.64 | 21.98 | 21.74 | 21.49 | 21.35 | 1 |
| | | 25 | 12 | 22.61 | 21.95 | 21.71 | 21.46 | 21.32 | 1 |
| | | 25 | 25 | 22.59 | 21.93 | 21.69 | 21.44 | 21.30 | 1 |
| | | 50 | 0 | 22.60 | 21.94 | 21.70 | 21.45 | 21.31 | 1 |
| | 16QAM | 1 | 0 | 22.82 | 22.16 | 21.92 | 21.67 | 21.53 | 1 |
| | | 1 | 24 | 22.74 | 22.08 | 21.84 | 21.59 | 21.45 | 1 |
| | | 1 | 49 | 22.80 | 22.14 | 21.90 | 21.65 | 21.51 | 1 |
| | | 25 | 0 | 21.67 | 21.01 | 20.77 | 20.52 | 20.38 | 2 |
| | | 25 | 12 | 21.58 | 20.92 | 20.68 | 20.43 | 20.29 | 2 |
| | | 25 | 25 | 21.64 | 20.98 | 20.74 | 20.49 | 20.35 | 2 |
| | | 50 | 0 | 21.60 | 20.94 | 20.70 | 20.45 | 20.31 | 2 |
| | 64QAM | 1 | 0 | 21.92 | 21.26 | 21.02 | 20.77 | 20.63 | 2 |
| | | 1 | 24 | 21.87 | 21.21 | 20.97 | 20.72 | 20.58 | 2 |
| | | 1 | 49 | 21.90 | 21.24 | 21.00 | 20.75 | 20.61 | 2 |
| | | 25 | 0 | 20.64 | 19.98 | 19.74 | 19.49 | 19.35 | 3 |
| | | 25 | 12 | 20.59 | 19.93 | 19.69 | 19.44 | 19.30 | 3 |
| | | 25 | 25 | 20.61 | 19.95 | 19.71 | 19.46 | 19.32 | 3 |
| | | 50 | 0 | 20.58 | 19.92 | 19.68 | 19.43 | 19.29 | 3 |

| LTE Band 41 | | | | | | | | | |
|-------------|------------|---------|-----------|-----------------------|-----------------------|---------------------|-----------------------|-----------------------|----------------|
| BW | Modulation | RB Size | RB Offset | Low CH (39725) | Low CH (40173) | Mid CH (40620) | High CH (41068) | High CH (41515) | 3GP P MPR (dB) |
| | | | | Frequency (2503.5)MHz | Frequency (2548.3)MHz | Frequency (2593)MHz | Frequency (2637.8)MHz | Frequency (2682.5)MHz | |
| 15MHz | QPSK | 1 | 0 | 23.66 | 23.00 | 22.76 | 22.51 | 22.37 | 0 |
| | | 1 | 37 | 23.74 | 23.08 | 22.84 | 22.59 | 22.45 | 0 |
| | | 1 | 74 | 22.68 | 22.02 | 21.78 | 21.53 | 21.39 | 0 |
| | | 36 | 0 | 22.65 | 21.99 | 21.75 | 21.50 | 21.36 | 1 |
| | | 36 | 19 | 22.63 | 21.97 | 21.73 | 21.48 | 21.34 | 1 |
| | | 36 | 39 | 22.64 | 21.98 | 21.74 | 21.49 | 21.35 | 1 |
| | | 75 | 0 | 22.86 | 22.20 | 21.96 | 21.71 | 21.57 | 1 |
| | 16QAM | 1 | 0 | 22.78 | 22.12 | 21.88 | 21.63 | 21.49 | 1 |
| | | 1 | 37 | 22.84 | 22.18 | 21.94 | 21.69 | 21.55 | 1 |
| | | 1 | 74 | 21.71 | 21.05 | 20.81 | 20.56 | 20.42 | 1 |
| | | 36 | 0 | 21.62 | 20.96 | 20.72 | 20.47 | 20.33 | 2 |
| | | 36 | 19 | 21.68 | 21.02 | 20.78 | 20.53 | 20.39 | 2 |
| | | 36 | 39 | 21.64 | 20.98 | 20.74 | 20.49 | 20.35 | 2 |
| | | 75 | 0 | 21.97 | 21.31 | 21.07 | 20.82 | 20.68 | 2 |
| | 64QAM | 1 | 0 | 21.92 | 21.26 | 21.02 | 20.77 | 20.63 | 2 |
| | | 1 | 37 | 21.95 | 21.29 | 21.05 | 20.80 | 20.66 | 2 |
| | | 1 | 74 | 20.69 | 20.03 | 19.79 | 19.54 | 19.40 | 2 |
| | | 36 | 0 | 20.64 | 19.98 | 19.74 | 19.49 | 19.35 | 3 |
| | | 36 | 19 | 20.66 | 20.00 | 19.76 | 19.51 | 19.37 | 3 |
| | | 36 | 39 | 20.63 | 19.97 | 19.73 | 19.48 | 19.34 | 3 |
| | | 75 | 0 | 23.66 | 23.00 | 22.76 | 22.51 | 22.37 | 3 |

| LTE Band 41 | | | | | | | | | |
|-------------|------------|---------|-----------|---------------------|-----------------------|---------------------|-----------------------|---------------------|----------------|
| BW | Modulation | RB Size | RB Offset | Low CH (39750) | Low CH (40185) | Mid CH (40620) | High CH (41055) | High CH (41490) | 3GP P MPR (dB) |
| | | | | Frequency (2506)MHz | Frequency (2549.5)MHz | Frequency (2593)MHz | Frequency (2636.5)MHz | Frequency (2680)MHz | |
| 20MHz | QPSK | 1 | 0 | 23.83 | 23.17 | 22.93 | 22.68 | 22.54 | 0 |
| | | 1 | 50 | 23.72 | 23.06 | 22.82 | 22.57 | 22.43 | 0 |
| | | 1 | 99 | 23.80 | 23.14 | 22.90 | 22.65 | 22.51 | 0 |
| | | 50 | 0 | 22.74 | 22.08 | 21.84 | 21.59 | 21.45 | 1 |
| | | 50 | 25 | 22.71 | 22.05 | 21.81 | 21.56 | 21.42 | 1 |
| | | 50 | 50 | 22.69 | 22.03 | 21.79 | 21.54 | 21.40 | 1 |
| | | 100 | 0 | 22.70 | 22.04 | 21.80 | 21.55 | 21.41 | 1 |
| | 16QAM | 1 | 0 | 22.92 | 22.26 | 22.02 | 21.77 | 21.63 | 1 |
| | | 1 | 50 | 22.84 | 22.18 | 21.94 | 21.69 | 21.55 | 1 |
| | | 1 | 99 | 22.90 | 22.24 | 22.00 | 21.75 | 21.61 | 1 |
| | | 50 | 0 | 21.77 | 21.11 | 20.87 | 20.62 | 20.48 | 2 |
| | | 50 | 25 | 21.68 | 21.02 | 20.78 | 20.53 | 20.39 | 2 |
| | | 50 | 50 | 21.74 | 21.08 | 20.84 | 20.59 | 20.45 | 2 |
| | | 100 | 0 | 21.70 | 21.04 | 20.80 | 20.55 | 20.41 | 2 |
| | 64QAM | 1 | 0 | 22.02 | 21.36 | 21.12 | 20.87 | 20.73 | 2 |
| | | 1 | 50 | 21.97 | 21.31 | 21.07 | 20.82 | 20.68 | 2 |
| | | 1 | 99 | 22.00 | 21.34 | 21.10 | 20.85 | 20.71 | 2 |
| | | 50 | 0 | 20.74 | 20.08 | 19.84 | 19.59 | 19.45 | 3 |
| | | 50 | 25 | 20.69 | 20.03 | 19.79 | 19.54 | 19.40 | 3 |
| | | 50 | 50 | 20.71 | 20.05 | 19.81 | 19.56 | 19.42 | 3 |
| | | 100 | 0 | 20.68 | 20.02 | 19.78 | 19.53 | 19.39 | 3 |

| LTE Band 66 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 131979 | Mid CH 132322 | High CH 132665 | MPR |
| | | | | Frequency 1710.7 MHz | Frequency 1745 MHz | Frequency 1779.3 MHz | |
| 1.4MHz | QPSK | 1 | 0 | 23.16 | 23.36 | 23.45 | 0 |
| | | 1 | 2 | 23.11 | 23.31 | 23.40 | 0 |
| | | 1 | 5 | 23.09 | 23.29 | 23.38 | 0 |
| | | 3 | 0 | 23.15 | 23.35 | 23.44 | 0 |
| | | 3 | 1 | 23.10 | 23.30 | 23.39 | 0 |
| | | 3 | 3 | 23.08 | 23.28 | 23.37 | 0 |
| | | 6 | 0 | 22.05 | 22.25 | 22.34 | 1 |
| | 16QAM | 1 | 0 | 22.16 | 22.36 | 22.45 | 1 |
| | | 1 | 2 | 22.12 | 22.32 | 22.41 | 1 |
| | | 1 | 5 | 22.06 | 22.26 | 22.35 | 1 |
| | | 3 | 0 | 22.14 | 22.34 | 22.43 | 1 |
| | | 3 | 1 | 22.10 | 22.30 | 22.39 | 1 |
| | | 3 | 3 | 22.04 | 22.24 | 22.33 | 1 |
| | | 6 | 0 | 21.03 | 21.23 | 21.32 | 2 |
| | 64QAM | 1 | 0 | 21.27 | 21.47 | 21.56 | 2 |
| | | 1 | 2 | 21.22 | 21.42 | 21.51 | 2 |
| | | 1 | 5 | 21.16 | 21.36 | 21.45 | 2 |
| | | 3 | 0 | 21.25 | 21.45 | 21.54 | 3 |
| | | 3 | 1 | 21.20 | 21.40 | 21.49 | 3 |
| | | 3 | 3 | 21.14 | 21.34 | 21.43 | 3 |
| | | 6 | 0 | 20.06 | 20.26 | 20.35 | 3 |

| LTE Band 66 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 131987 | Mid CH 132322 | High CH 132657 | MPR |
| | | | | Frequency 1711.5 MHz | Frequency 1745 MHz | Frequency 1778.5 MHz | |
| 3 MHz | QPSK | 1 | 0 | 23.19 | 23.39 | 23.48 | 0 |
| | | 1 | 7 | 23.14 | 23.34 | 23.43 | 0 |
| | | 1 | 14 | 23.12 | 23.32 | 23.41 | 0 |
| | | 8 | 0 | 21.95 | 22.15 | 22.24 | 1 |
| | | 8 | 3 | 21.92 | 22.12 | 22.21 | 1 |
| | | 8 | 7 | 21.90 | 22.10 | 22.19 | 1 |
| | | 15 | 0 | 22.08 | 22.28 | 22.37 | 1 |
| | 16QAM | 1 | 0 | 22.19 | 22.39 | 22.48 | 1 |
| | | 1 | 7 | 22.15 | 22.35 | 22.44 | 1 |
| | | 1 | 14 | 22.09 | 22.29 | 22.38 | 1 |
| | | 8 | 0 | 21.05 | 21.25 | 21.34 | 2 |
| | | 8 | 3 | 21.01 | 21.21 | 21.30 | 2 |
| | | 8 | 7 | 20.98 | 21.18 | 21.27 | 2 |
| | | 15 | 0 | 21.06 | 21.26 | 21.35 | 2 |
| | 64QAM | 1 | 0 | 21.30 | 21.50 | 21.59 | 2 |
| | | 1 | 7 | 21.25 | 21.45 | 21.54 | 2 |
| | | 1 | 14 | 21.19 | 21.39 | 21.48 | 2 |
| | | 8 | 0 | 20.51 | 20.71 | 20.80 | 3 |
| | | 8 | 3 | 20.48 | 20.68 | 20.77 | 3 |
| | | 8 | 7 | 20.49 | 20.69 | 20.78 | 3 |
| | | 15 | 0 | 20.09 | 20.29 | 20.38 | 3 |

| LTE Band 66 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 131997 | Mid CH 132322 | High CH 132647 | MPR |
| | | | | Frequency 1712.5 MHz | Frequency 1745 MHz | Frequency 1777.5 MHz | |
| 5 MHz | QPSK | 1 | 0 | 23.22 | 23.42 | 23.51 | 0 |
| | | 1 | 12 | 23.17 | 23.37 | 23.46 | 0 |
| | | 1 | 24 | 23.15 | 23.35 | 23.44 | 0 |
| | | 12 | 0 | 21.98 | 22.18 | 22.27 | 1 |
| | | 12 | 6 | 21.95 | 22.15 | 22.24 | 1 |
| | | 12 | 13 | 21.93 | 22.13 | 22.22 | 1 |
| | | 25 | 0 | 22.11 | 22.31 | 22.40 | 1 |
| | 16QAM | 1 | 0 | 22.22 | 22.42 | 22.51 | 1 |
| | | 1 | 12 | 22.18 | 22.38 | 22.47 | 1 |
| | | 1 | 24 | 22.12 | 22.32 | 22.41 | 1 |
| | | 12 | 0 | 21.08 | 21.28 | 21.37 | 2 |
| | | 12 | 6 | 21.04 | 21.24 | 21.33 | 2 |
| | | 12 | 13 | 21.01 | 21.21 | 21.30 | 2 |
| | | 25 | 0 | 21.09 | 21.29 | 21.38 | 2 |
| | 64QAM | 1 | 0 | 21.33 | 21.53 | 21.62 | 2 |
| | | 1 | 12 | 21.28 | 21.48 | 21.57 | 2 |
| | | 1 | 24 | 21.22 | 21.42 | 21.51 | 2 |
| | | 12 | 0 | 20.54 | 20.74 | 20.83 | 3 |
| | | 12 | 6 | 20.51 | 20.71 | 20.80 | 3 |
| | | 12 | 13 | 20.52 | 20.72 | 20.81 | 3 |
| | | 25 | 0 | 20.12 | 20.32 | 20.41 | 3 |

| LTE Band 66 | | | | | | | |
|-------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 132022 | Mid CH 132322 | High CH 132622 | MPR |
| | | | | Frequency 1715 MHz | Frequency 1745 MHz | Frequency 1775 MHz | |
| 10 MHz | QPSK | 1 | 0 | 23.24 | 23.44 | 23.53 | 0 |
| | | 1 | 24 | 23.19 | 23.39 | 23.48 | 0 |
| | | 1 | 49 | 23.17 | 23.37 | 23.46 | 0 |
| | | 25 | 0 | 22.00 | 22.20 | 22.29 | 1 |
| | | 25 | 12 | 21.97 | 22.17 | 22.26 | 1 |
| | | 25 | 25 | 21.95 | 22.15 | 22.24 | 1 |
| | | 50 | 0 | 22.13 | 22.33 | 22.42 | 1 |
| | 16QAM | 1 | 0 | 22.24 | 22.44 | 22.53 | 1 |
| | | 1 | 24 | 22.20 | 22.40 | 22.49 | 1 |
| | | 1 | 49 | 22.14 | 22.34 | 22.43 | 1 |
| | | 25 | 0 | 21.10 | 21.30 | 21.39 | 2 |
| | | 25 | 12 | 21.06 | 21.26 | 21.35 | 2 |
| | | 25 | 25 | 21.03 | 21.23 | 21.32 | 2 |
| | | 50 | 0 | 21.11 | 21.31 | 21.40 | 2 |
| | 64QAM | 1 | 0 | 21.35 | 21.55 | 21.64 | 2 |
| | | 1 | 24 | 21.30 | 21.50 | 21.59 | 2 |
| | | 1 | 49 | 21.24 | 21.44 | 21.53 | 2 |
| | | 25 | 0 | 20.56 | 20.76 | 20.85 | 3 |
| | | 25 | 12 | 20.53 | 20.73 | 20.82 | 3 |
| | | 25 | 25 | 20.54 | 20.74 | 20.83 | 3 |
| | | 50 | 0 | 20.14 | 20.34 | 20.43 | 3 |

| LTE Band 66 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 132047 | Mid CH 132322 | High CH 132597 | MPR |
| | | | | Frequency 1717.5 MHz | Frequency 1745 MHz | Frequency 1772.5 MHz | |
| 15 MHz | QPSK | 1 | 0 | 23.27 | 23.47 | 23.56 | 0 |
| | | 1 | 37 | 23.22 | 23.42 | 23.51 | 0 |
| | | 1 | 74 | 23.20 | 23.40 | 23.49 | 0 |
| | | 36 | 0 | 22.03 | 22.23 | 22.32 | 1 |
| | | 36 | 19 | 22.00 | 22.20 | 22.29 | 1 |
| | | 36 | 39 | 21.98 | 22.18 | 22.27 | 1 |
| | | 75 | 0 | 22.16 | 22.36 | 22.45 | 1 |
| | 16QAM | 1 | 0 | 22.27 | 22.47 | 22.56 | 1 |
| | | 1 | 37 | 22.23 | 22.43 | 22.52 | 1 |
| | | 1 | 74 | 22.17 | 22.37 | 22.46 | 1 |
| | | 36 | 0 | 21.13 | 21.33 | 21.42 | 2 |
| | | 36 | 19 | 21.09 | 21.29 | 21.38 | 2 |
| | | 36 | 39 | 21.06 | 21.26 | 21.35 | 2 |
| | | 75 | 0 | 21.14 | 21.34 | 21.43 | 2 |
| | 64QAM | 1 | 0 | 21.38 | 21.58 | 21.67 | 2 |
| | | 1 | 37 | 21.33 | 21.53 | 21.62 | 2 |
| | | 1 | 74 | 21.27 | 21.47 | 21.56 | 2 |
| | | 36 | 0 | 20.59 | 20.79 | 20.88 | 3 |
| | | 36 | 19 | 20.56 | 20.76 | 20.85 | 3 |
| | | 36 | 39 | 20.57 | 20.77 | 20.86 | 3 |
| | | 75 | 0 | 20.17 | 20.37 | 20.46 | 3 |

| LTE Band 66 | | | | | | | |
|-------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 132072 | Mid CH 132322 | High CH 132572 | MPR |
| | | | | Frequency 1720 MHz | Frequency 1745 MHz | Frequency 1770 MHz | |
| 20 MHz | QPSK | 1 | 0 | 23.32 | 23.52 | 23.61 | 0 |
| | | 1 | 50 | 23.27 | 23.47 | 23.56 | 0 |
| | | 1 | 99 | 23.25 | 23.45 | 23.54 | 0 |
| | | 50 | 0 | 22.08 | 22.28 | 22.37 | 1 |
| | | 50 | 25 | 22.05 | 22.25 | 22.34 | 1 |
| | | 50 | 50 | 22.03 | 22.23 | 22.32 | 1 |
| | | 100 | 0 | 22.21 | 22.41 | 22.50 | 1 |
| | 16QAM | 1 | 0 | 22.32 | 22.52 | 22.61 | 1 |
| | | 1 | 50 | 22.28 | 22.48 | 22.57 | 1 |
| | | 1 | 99 | 22.22 | 22.42 | 22.51 | 1 |
| | | 50 | 0 | 21.18 | 21.38 | 21.47 | 2 |
| | | 50 | 25 | 21.14 | 21.34 | 21.43 | 2 |
| | | 50 | 50 | 21.11 | 21.31 | 21.40 | 2 |
| | | 100 | 0 | 21.19 | 21.39 | 21.48 | 2 |
| | 64QAM | 1 | 0 | 21.43 | 21.63 | 21.72 | 2 |
| | | 1 | 50 | 21.38 | 21.58 | 21.67 | 2 |
| | | 1 | 99 | 21.32 | 21.52 | 21.61 | 2 |
| | | 50 | 0 | 20.64 | 20.84 | 20.93 | 3 |
| | | 50 | 25 | 20.61 | 20.81 | 20.90 | 3 |
| | | 50 | 50 | 20.62 | 20.82 | 20.91 | 3 |
| | | 100 | 0 | 20.22 | 20.42 | 20.51 | 3 |

| LTE Band 30 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-------------------------|-------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 27685 | Mid CH 27710 | High CH 27735 | MPR |
| | | | | Frequency 2307.5 MHz | Frequency 2310.0 MHz | Frequency 2312.5 MHz | |
| 5 MHz | QPSK | 1 | 0 | 22.38 | 22.40 | 22.36 | 0 |
| | | 1 | 12 | 22.28 | 22.30 | 22.26 | 0 |
| | | 1 | 24 | 22.13 | 22.15 | 22.11 | 0 |
| | | 12 | 0 | 21.37 | 21.39 | 21.35 | 1 |
| | | 12 | 6 | 21.29 | 21.31 | 21.27 | 1 |
| | | 12 | 13 | 21.43 | 21.45 | 21.41 | 1 |
| | | 25 | 0 | 21.24 | 21.26 | 21.22 | 1 |
| | 16QAM | 1 | 0 | 21.63 | 21.65 | 21.61 | 1 |
| | | 1 | 12 | 21.46 | 21.48 | 21.44 | 1 |
| | | 1 | 24 | 21.28 | 21.30 | 21.26 | 1 |
| | | 12 | 0 | 20.33 | 20.35 | 20.31 | 2 |
| | | 12 | 6 | 20.28 | 20.30 | 20.26 | 2 |
| | | 12 | 13 | 20.26 | 20.28 | 20.24 | 2 |
| | | 25 | 0 | 20.23 | 20.25 | 20.21 | 2 |
| | 64QAM | 1 | 0 | 20.56 | 20.58 | 20.54 | 2 |
| | | 1 | 12 | 20.52 | 20.54 | 20.50 | 2 |
| | | 1 | 24 | 20.47 | 20.49 | 20.45 | 2 |
| | | 12 | 0 | 19.44 | 19.46 | 19.42 | 3 |
| | | 12 | 6 | 19.41 | 19.43 | 19.39 | 3 |
| | | 12 | 13 | 19.39 | 19.41 | 19.37 | 3 |
| | | 25 | 0 | 19.34 | 19.36 | 19.32 | 3 |

| LTE Band 30 | | | | | | | |
|-------------|------------|---------|-----------|---------------|----------------------|---------------|-----|
| BW | Modulation | RB Size | RB Offset | CH | CH 27710 | CH | MPR |
| | | | | Frequency MHz | Frequency 2310.0 MHz | Frequency MHz | |
| 10 MHz | QPSK | 1 | 0 | - | 22.43 | - | 0 |
| | | 1 | 24 | - | 22.33 | - | 0 |
| | | 1 | 49 | - | 22.18 | - | 0 |
| | | 25 | 0 | - | 21.42 | - | 1 |
| | | 25 | 12 | - | 21.34 | - | 1 |
| | | 25 | 25 | - | 21.48 | - | 1 |
| | | 50 | 0 | - | 21.29 | - | 1 |
| | 16QAM | 1 | 0 | - | 21.68 | - | 1 |
| | | 1 | 24 | - | 21.51 | - | 1 |
| | | 1 | 49 | - | 21.33 | - | 1 |
| | | 25 | 0 | - | 20.38 | - | 2 |
| | | 25 | 12 | - | 20.33 | - | 2 |
| | | 25 | 25 | - | 20.31 | - | 2 |
| | | 50 | 0 | - | 20.28 | - | 2 |
| | 64QAM | 1 | 0 | - | 20.61 | - | 2 |
| | | 1 | 24 | - | 20.57 | - | 2 |
| | | 1 | 49 | - | 20.52 | - | 2 |
| | | 25 | 0 | - | 19.49 | - | 3 |
| | | 25 | 12 | - | 19.46 | - | 3 |
| | | 25 | 25 | - | 19.44 | - | 3 |
| | | 50 | 0 | - | 19.39 | - | 3 |

| LTE Band 14 | | | | | | | |
|-------------|------------|---------|-----------|------------------------|----------------------|------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CH 23305 | Mid CH 23330 | High CH 23355 | MPR |
| | | | | Frequency 790.5 MHz | Frequency 793 MHz | Frequency 795.5 MHz | |
| 5 MHz | QPSK | 1 | 0 | 23.03 | 23.08 | 23.05 | 0 |
| | | 1 | 12 | 23.07 | 23.12 | 23.09 | 0 |
| | | 1 | 24 | 23.17 | 23.22 | 23.19 | 0 |
| | | 12 | 0 | 22.07 | 22.12 | 22.09 | 1 |
| | | 12 | 6 | 22.12 | 22.17 | 22.14 | 1 |
| | | 12 | 13 | 22.25 | 22.30 | 22.27 | 1 |
| | | 25 | 0 | 22.13 | 22.18 | 22.15 | 1 |
| | 16QAM | 1 | 0 | 22.21 | 22.26 | 22.23 | 1 |
| | | 1 | 12 | 22.27 | 22.32 | 22.29 | 1 |
| | | 1 | 24 | 22.36 | 22.41 | 22.38 | 1 |
| | | 12 | 0 | 21.17 | 21.22 | 21.19 | 2 |
| | | 12 | 6 | 21.18 | 21.23 | 21.20 | 2 |
| | | 12 | 13 | 21.31 | 21.36 | 21.33 | 2 |
| | | 25 | 0 | 21.21 | 21.26 | 21.23 | 2 |
| | 64QAM | 1 | 0 | 21.27 | 21.32 | 21.29 | 2 |
| | | 1 | 12 | 21.32 | 21.37 | 21.34 | 2 |
| | | 1 | 24 | 21.43 | 21.48 | 21.45 | 2 |
| | | 12 | 0 | 20.13 | 20.18 | 20.15 | 3 |
| | | 12 | 6 | 20.17 | 20.22 | 20.19 | 3 |
| | | 12 | 13 | 20.29 | 20.34 | 20.31 | 3 |
| | | 25 | 0 | 20.18 | 20.23 | 20.20 | 3 |

| LTE Band 14 | | | | | | | |
|-------------|------------|---------|-----------|---------------|-------------------|---------------|-----|
| BW | Modulation | RB Size | RB Offset | CH | CH 23330 | CH | MPR |
| | | | | Frequency MHz | Frequency 793 MHz | Frequency MHz | |
| 10 MHz | QPSK | 1 | 0 | - | 23.13 | - | 0 |
| | | 1 | 24 | - | 23.17 | - | 0 |
| | | 1 | 49 | - | 23.27 | - | 0 |
| | | 25 | 0 | - | 22.17 | - | 1 |
| | | 25 | 12 | - | 22.22 | - | 1 |
| | | 25 | 25 | - | 22.35 | - | 1 |
| | | 50 | 0 | - | 22.23 | - | 1 |
| | 16QAM | 1 | 0 | - | 22.31 | - | 1 |
| | | 1 | 24 | - | 22.37 | - | 1 |
| | | 1 | 49 | - | 22.46 | - | 1 |
| | | 25 | 0 | - | 21.27 | - | 2 |
| | | 25 | 12 | - | 21.28 | - | 2 |
| | | 25 | 25 | - | 21.41 | - | 2 |
| | | 50 | 0 | - | 21.31 | - | 2 |
| | 64QAM | 1 | 0 | - | 21.37 | - | 2 |
| | | 1 | 24 | - | 21.42 | - | 2 |
| | | 1 | 49 | - | 21.53 | - | 2 |
| | | 25 | 0 | - | 20.23 | - | 3 |
| | | 25 | 12 | - | 20.27 | - | 3 |
| | | 25 | 25 | - | 20.39 | - | 3 |
| | | 50 | 0 | - | 20.28 | - | 3 |

| LTE Band 26 | | | | | | | |
|-------------|------------|---------|-----------|------------------------|----------------------|------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CHG 26697 | Mid CH 26740 | High CH 26783 | MPR |
| | | | | Frequency 814.7 MHz | Frequency 819 MHz | Frequency 823.3 MHz | |
| 1.4 MHz | QPSK | 1 | 0 | 22.91 | 22.95 | 22.94 | 0 |
| | | 1 | 2 | 22.89 | 22.93 | 22.92 | 0 |
| | | 1 | 5 | 22.86 | 22.90 | 22.89 | 0 |
| | | 3 | 0 | 22.89 | 22.93 | 22.92 | 0 |
| | | 3 | 1 | 22.87 | 22.91 | 22.90 | 0 |
| | | 3 | 3 | 22.84 | 22.88 | 22.87 | 0 |
| | | 6 | 0 | 21.85 | 21.89 | 21.88 | 1 |
| | 16QAM | 1 | 0 | 22.03 | 22.07 | 22.06 | 1 |
| | | 1 | 2 | 22.01 | 22.05 | 22.04 | 1 |
| | | 1 | 5 | 21.99 | 22.03 | 22.02 | 1 |
| | | 3 | 0 | 22.02 | 22.06 | 22.05 | 1 |
| | | 3 | 1 | 22.00 | 22.04 | 22.03 | 1 |
| | | 3 | 3 | 21.98 | 22.02 | 22.01 | 1 |
| | | 6 | 0 | 20.90 | 20.94 | 20.93 | 2 |
| | 64QAM | 1 | 0 | 21.01 | 21.05 | 21.04 | 2 |
| | | 1 | 2 | 20.99 | 21.03 | 21.02 | 2 |
| | | 1 | 5 | 20.98 | 21.02 | 21.01 | 2 |
| | | 3 | 0 | 21.00 | 21.04 | 21.03 | 3 |
| | | 3 | 1 | 20.98 | 21.02 | 21.01 | 3 |
| | | 3 | 3 | 20.97 | 21.01 | 21.00 | 3 |
| | | 6 | 0 | 19.89 | 19.93 | 19.92 | 3 |

| LTE Band 26 | | | | | | | |
|-------------|------------|---------|-----------|------------------------|----------------------|------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CHG 26705 | Mid CH 26740 | High CH 26775 | MPR |
| | | | | Frequency 815.5 MHz | Frequency 819 MHz | Frequency 822.5 MHz | |
| 3 MHz | QPSK | 1 | 0 | 22.95 | 22.99 | 22.98 | 0 |
| | | 1 | 7 | 22.93 | 22.97 | 22.96 | 0 |
| | | 1 | 14 | 22.90 | 22.94 | 22.93 | 0 |
| | | 8 | 0 | 21.94 | 21.98 | 21.97 | 1 |
| | | 8 | 3 | 21.93 | 21.97 | 21.96 | 1 |
| | | 8 | 7 | 21.89 | 21.93 | 21.92 | 1 |
| | | 15 | 0 | 21.89 | 21.93 | 21.92 | 1 |
| | 16QAM | 1 | 0 | 22.07 | 22.11 | 22.10 | 1 |
| | | 1 | 7 | 22.05 | 22.09 | 22.08 | 1 |
| | | 1 | 14 | 22.03 | 22.07 | 22.06 | 1 |
| | | 8 | 0 | 20.97 | 21.01 | 21.00 | 2 |
| | | 8 | 3 | 20.95 | 20.99 | 20.98 | 2 |
| | | 8 | 7 | 20.93 | 20.97 | 20.96 | 2 |
| | | 15 | 0 | 20.94 | 20.98 | 20.97 | 2 |
| | 64QAM | 1 | 0 | 21.05 | 21.09 | 21.08 | 2 |
| | | 1 | 7 | 21.03 | 21.07 | 21.06 | 2 |
| | | 1 | 14 | 21.02 | 21.06 | 21.05 | 2 |
| | | 8 | 0 | 21.04 | 21.08 | 21.07 | 3 |
| | | 8 | 3 | 21.02 | 21.06 | 21.05 | 3 |
| | | 8 | 7 | 21.01 | 21.05 | 21.04 | 3 |
| | | 15 | 0 | 19.93 | 19.97 | 19.96 | 3 |

| LTE Band 26 | | | | | | | |
|-------------|------------|---------|-----------|------------------------|----------------------|------------------------|-----|
| BW | Modulation | RB Size | RB Offset | Low CHG 26715 | Mid CH 26740 | High CH 26765 | MPR |
| | | | | Frequency 816.5 MHz | Frequency 819 MHz | Frequency 821.5 MHz | |
| 5 MHz | QPSK | 1 | 0 | 22.98 | 23.02 | 23.01 | 0 |
| | | 1 | 12 | 22.96 | 23.00 | 22.99 | 0 |
| | | 1 | 24 | 22.93 | 22.97 | 22.96 | 0 |
| | | 12 | 0 | 21.97 | 22.01 | 22.00 | 1 |
| | | 12 | 6 | 21.96 | 22.00 | 21.99 | 1 |
| | | 12 | 13 | 21.92 | 21.96 | 21.95 | 1 |
| | | 25 | 0 | 21.92 | 21.96 | 21.95 | 1 |
| | 16QAM | 1 | 0 | 22.10 | 22.14 | 22.13 | 1 |
| | | 1 | 12 | 22.08 | 22.12 | 22.11 | 1 |
| | | 1 | 24 | 22.06 | 22.10 | 22.09 | 1 |
| | | 12 | 0 | 21.00 | 21.04 | 21.03 | 2 |
| | | 12 | 6 | 20.98 | 21.02 | 21.01 | 2 |
| | | 12 | 13 | 20.96 | 21.00 | 20.99 | 2 |
| | | 25 | 0 | 20.97 | 21.01 | 21.00 | 2 |
| | 64QAM | 1 | 0 | 21.09 | 21.13 | 21.12 | 2 |
| | | 1 | 12 | 21.07 | 21.11 | 21.10 | 2 |
| | | 1 | 24 | 21.06 | 21.10 | 21.09 | 2 |
| | | 12 | 0 | 20.03 | 20.07 | 20.06 | 3 |
| | | 12 | 6 | 20.00 | 20.04 | 20.03 | 3 |
| | | 12 | 13 | 20.01 | 20.05 | 20.04 | 3 |
| | | 25 | 0 | 19.97 | 20.01 | 20.00 | 3 |

| LTE Band 26 | | | | | | | |
|-------------|------------|---------|-----------|---------------|-------------------|---------------|-----|
| BW | Modulation | RB Size | RB Offset | CH | CH 26740 | CH | MPR |
| | | | | Frequency MHz | Frequency 819 MHz | Frequency MHz | |
| 10 MHz | QPSK | 1 | 0 | - | 23.03 | - | 0 |
| | | 1 | 24 | - | 23.01 | - | 0 |
| | | 1 | 49 | - | 22.98 | - | 0 |
| | | 25 | 0 | - | 22.02 | - | 1 |
| | | 25 | 12 | - | 22.01 | - | 1 |
| | | 25 | 25 | - | 21.97 | - | 1 |
| | | 50 | 0 | - | 21.97 | - | 1 |
| | 16QAM | 1 | 0 | - | 22.15 | - | 1 |
| | | 1 | 24 | - | 22.13 | - | 1 |
| | | 1 | 49 | - | 22.11 | - | 1 |
| | | 25 | 0 | - | 21.05 | - | 2 |
| | | 25 | 12 | - | 21.03 | - | 2 |
| | | 25 | 25 | - | 21.01 | - | 2 |
| | | 50 | 0 | - | 21.02 | - | 2 |
| | 64QAM | 1 | 0 | - | 21.14 | - | 2 |
| | | 1 | 24 | - | 21.12 | - | 2 |
| | | 1 | 49 | - | 21.11 | - | 2 |
| | | 25 | 0 | - | 20.08 | - | 3 |
| | | 25 | 12 | - | 20.05 | - | 3 |
| | | 25 | 25 | - | 20.06 | - | 3 |
| | | 50 | 0 | - | 20.02 | - | 3 |

| LTE Band 25 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 26047 | Mid CH 26340 | High CH 26683 | 3GPP MPR (dB) |
| | | | | Frequency 1850.7 MHz | Frequency 1880 MHz | Frequency 1914.3 MHz | |
| 1.4MHz | QPSK | 1 | 0 | 23.22 | 23.15 | 22.98 | 0 |
| | | 1 | 2 | 22.96 | 22.89 | 22.72 | 0 |
| | | 1 | 5 | 22.90 | 22.83 | 22.66 | 0 |
| | | 3 | 0 | 22.16 | 22.09 | 21.92 | 1 |
| | | 3 | 1 | 21.99 | 21.92 | 21.75 | 1 |
| | | 3 | 3 | 22.00 | 21.93 | 21.76 | 1 |
| | | 6 | 0 | 22.05 | 21.98 | 21.81 | 1 |
| | 16QAM | 1 | 0 | 22.35 | 22.28 | 22.11 | 1 |
| | | 1 | 2 | 22.23 | 22.16 | 21.99 | 1 |
| | | 1 | 5 | 22.19 | 22.12 | 21.95 | 1 |
| | | 3 | 0 | 21.16 | 21.09 | 20.92 | 2 |
| | | 3 | 1 | 21.14 | 21.07 | 20.90 | 2 |
| | | 3 | 3 | 21.12 | 21.05 | 20.88 | 2 |
| | | 6 | 0 | 21.05 | 20.98 | 20.81 | 2 |
| | 64QAM | 1 | 0 | 21.34 | 21.27 | 21.10 | 1 |
| | | 1 | 2 | 21.22 | 21.15 | 20.98 | 1 |
| | | 1 | 5 | 21.19 | 21.12 | 20.95 | 1 |
| | | 3 | 0 | 21.32 | 21.25 | 21.08 | 2 |
| | | 3 | 1 | 21.20 | 21.13 | 20.96 | 2 |
| | | 3 | 3 | 21.17 | 21.10 | 20.93 | 2 |
| | | 6 | 0 | 20.02 | 19.95 | 19.78 | 2 |

| LTE Band 25 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 26055 | Mid CH 26340 | High CH 26675 | 3GPP MPR (dB) |
| | | | | Frequency 1851.5 MHz | Frequency 1880 MHz | Frequency 1913.5 MHz | |
| 3MHz | QPSK | 1 | 0 | 23.25 | 23.18 | 23.01 | 0 |
| | | 1 | 7 | 22.99 | 22.92 | 22.75 | 0 |
| | | 1 | 14 | 22.93 | 22.86 | 22.69 | 0 |
| | | 8 | 0 | 22.17 | 22.10 | 21.93 | 1 |
| | | 8 | 3 | 22.00 | 21.93 | 21.76 | 1 |
| | | 8 | 7 | 22.01 | 21.94 | 21.77 | 1 |
| | | 15 | 0 | 22.06 | 21.99 | 21.82 | 1 |
| | 16QAM | 1 | 0 | 22.38 | 22.31 | 22.14 | 1 |
| | | 1 | 7 | 22.26 | 22.19 | 22.02 | 1 |
| | | 1 | 14 | 22.22 | 22.15 | 21.98 | 1 |
| | | 8 | 0 | 21.18 | 21.11 | 20.94 | 2 |
| | | 8 | 3 | 21.16 | 21.09 | 20.92 | 2 |
| | | 8 | 7 | 21.14 | 21.07 | 20.90 | 2 |
| | | 15 | 0 | 21.07 | 21.00 | 20.83 | 2 |
| | 64QAM | 1 | 0 | 21.37 | 21.30 | 21.13 | 1 |
| | | 1 | 7 | 21.25 | 21.18 | 21.01 | 1 |
| | | 1 | 14 | 21.22 | 21.15 | 20.98 | 1 |
| | | 8 | 0 | 20.20 | 20.13 | 19.96 | 2 |
| | | 8 | 3 | 20.17 | 20.10 | 19.93 | 2 |
| | | 8 | 7 | 20.15 | 20.08 | 19.91 | 2 |
| | | 15 | 0 | 20.05 | 19.98 | 19.81 | 2 |

| LTE Band 25 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 26065 | Mid CH 26340 | High CH 26665 | 3GPP MPR (dB) |
| | | | | Frequency 1852.5 MHz | Frequency 1880 MHz | Frequency 1912.5 MHz | |
| 5MHz | QPSK | 1 | 0 | 23.28 | 23.21 | 23.04 | 0 |
| | | 1 | 12 | 23.02 | 22.95 | 22.78 | 0 |
| | | 1 | 24 | 22.96 | 22.89 | 22.72 | 0 |
| | | 12 | 0 | 22.20 | 22.13 | 21.96 | 1 |
| | | 12 | 6 | 22.03 | 21.96 | 21.79 | 1 |
| | | 12 | 13 | 22.04 | 21.97 | 21.80 | 1 |
| | | 25 | 0 | 22.09 | 22.02 | 21.85 | 1 |
| | 16QAM | 1 | 0 | 22.41 | 22.34 | 22.17 | 1 |
| | | 1 | 12 | 22.29 | 22.22 | 22.05 | 1 |
| | | 1 | 24 | 22.25 | 22.18 | 22.01 | 1 |
| | | 12 | 0 | 21.21 | 21.14 | 20.97 | 2 |
| | | 12 | 6 | 21.19 | 21.12 | 20.95 | 2 |
| | | 12 | 13 | 21.17 | 21.10 | 20.93 | 2 |
| | | 25 | 0 | 21.10 | 21.03 | 20.86 | 2 |
| | 64QAM | 1 | 0 | 21.40 | 21.33 | 21.16 | 1 |
| | | 1 | 12 | 21.28 | 21.21 | 21.04 | 1 |
| | | 1 | 24 | 21.25 | 21.18 | 21.01 | 1 |
| | | 12 | 0 | 20.23 | 20.16 | 19.99 | 2 |
| | | 12 | 6 | 20.20 | 20.13 | 19.96 | 2 |
| | | 12 | 13 | 20.18 | 20.11 | 19.94 | 2 |
| | | 25 | 0 | 20.08 | 20.01 | 19.84 | 2 |

| LTE Band 25 | | | | | | | |
|-------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 26090 | Mid CH 26340 | High CH 26640 | 3GPP MPR (dB) |
| | | | | Frequency 1855 MHz | Frequency 1880 MHz | Frequency 1910 MHz | |
| 10MHz | QPSK | 1 | 0 | 23.30 | 23.23 | 23.06 | 0 |
| | | 1 | 24 | 23.04 | 22.97 | 22.80 | 0 |
| | | 1 | 49 | 22.98 | 22.91 | 22.74 | 0 |
| | | 25 | 0 | 22.22 | 22.15 | 21.98 | 1 |
| | | 25 | 12 | 22.05 | 21.98 | 21.81 | 1 |
| | | 25 | 25 | 22.06 | 21.99 | 21.82 | 1 |
| | | 50 | 0 | 22.11 | 22.04 | 21.87 | 1 |
| | 16QAM | 1 | 0 | 22.43 | 22.36 | 22.19 | 1 |
| | | 1 | 24 | 22.31 | 22.24 | 22.07 | 1 |
| | | 1 | 49 | 22.27 | 22.20 | 22.03 | 1 |
| | | 25 | 0 | 21.23 | 21.16 | 20.99 | 2 |
| | | 25 | 12 | 21.21 | 21.14 | 20.97 | 2 |
| | | 25 | 25 | 21.19 | 21.12 | 20.95 | 2 |
| | | 50 | 0 | 21.12 | 21.05 | 20.88 | 2 |
| | 64QAM | 1 | 0 | 21.42 | 21.35 | 21.18 | 1 |
| | | 1 | 24 | 21.30 | 21.23 | 21.06 | 1 |
| | | 1 | 49 | 21.27 | 21.20 | 21.03 | 1 |
| | | 25 | 0 | 20.25 | 20.18 | 20.01 | 2 |
| | | 25 | 12 | 20.22 | 20.15 | 19.98 | 2 |
| | | 25 | 25 | 20.20 | 20.13 | 19.96 | 2 |
| | | 50 | 0 | 20.10 | 20.03 | 19.86 | 2 |

| LTE Band 25 | | | | | | | |
|-------------|------------|---------|-----------|-------------------------|-----------------------|-------------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 26115 | Mid CH 26340 | High CH 26615 | 3GPP MPR (dB) |
| | | | | Frequency 1857.5 MHz | Frequency 1880 MHz | Frequency 1907.5 MHz | |
| 15MHz | QPSK | 1 | 0 | 23.33 | 23.26 | 23.09 | 0 |
| | | 1 | 37 | 23.07 | 23.00 | 22.83 | 0 |
| | | 1 | 74 | 23.01 | 22.94 | 22.77 | 0 |
| | | 36 | 0 | 22.25 | 22.18 | 22.01 | 1 |
| | | 36 | 19 | 22.08 | 22.01 | 21.84 | 1 |
| | | 36 | 39 | 22.09 | 22.02 | 21.85 | 1 |
| | | 75 | 0 | 22.14 | 22.07 | 21.90 | 1 |
| | 16QAM | 1 | 0 | 22.46 | 22.39 | 22.22 | 1 |
| | | 1 | 37 | 22.34 | 22.27 | 22.10 | 1 |
| | | 1 | 74 | 22.30 | 22.23 | 22.06 | 1 |
| | | 36 | 0 | 21.26 | 21.19 | 21.02 | 2 |
| | | 36 | 19 | 21.24 | 21.17 | 21.00 | 2 |
| | | 36 | 39 | 21.22 | 21.15 | 20.98 | 2 |
| | | 75 | 0 | 21.15 | 21.08 | 20.91 | 2 |
| | 64QAM | 1 | 0 | 21.45 | 21.38 | 21.21 | 1 |
| | | 1 | 37 | 21.33 | 21.26 | 21.09 | 1 |
| | | 1 | 74 | 21.30 | 21.23 | 21.06 | 1 |
| | | 36 | 0 | 20.28 | 20.21 | 20.04 | 2 |
| | | 36 | 19 | 20.25 | 20.18 | 20.01 | 2 |
| | | 36 | 39 | 20.23 | 20.16 | 19.99 | 2 |
| | | 75 | 0 | 20.13 | 20.06 | 19.89 | 2 |

| LTE Band 25 | | | | | | | |
|-------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|---------------------|
| BW | Modulation | RB Size | RB Offset | Low CH 26140 | Mid CH 26340 | High CH 26590 | 3GPP MPR (dB) |
| | | | | Frequency 1860 MHz | Frequency 1880 MHz | Frequency 1905 MHz | |
| 20MHz | QPSK | 1 | 0 | 23.38 | 23.31 | 23.14 | 0 |
| | | 1 | 50 | 23.12 | 23.05 | 22.88 | 0 |
| | | 1 | 99 | 23.06 | 22.99 | 22.82 | 0 |
| | | 50 | 0 | 22.30 | 22.23 | 22.06 | 1 |
| | | 50 | 25 | 22.13 | 22.06 | 21.89 | 1 |
| | | 50 | 50 | 22.14 | 22.07 | 21.90 | 1 |
| | | 100 | 0 | 22.19 | 22.12 | 21.95 | 1 |
| | 16QAM | 1 | 0 | 22.51 | 22.44 | 22.27 | 1 |
| | | 1 | 50 | 22.39 | 22.32 | 22.15 | 1 |
| | | 1 | 99 | 22.35 | 22.28 | 22.11 | 1 |
| | | 50 | 0 | 21.31 | 21.24 | 21.07 | 2 |
| | | 50 | 25 | 21.29 | 21.22 | 21.05 | 2 |
| | | 50 | 50 | 21.27 | 21.20 | 21.03 | 2 |
| | | 100 | 0 | 21.20 | 21.13 | 20.96 | 2 |
| | 64QAM | 1 | 0 | 21.50 | 21.43 | 21.26 | 1 |
| | | 1 | 50 | 21.38 | 21.31 | 21.14 | 1 |
| | | 1 | 99 | 21.35 | 21.28 | 21.11 | 1 |
| | | 50 | 0 | 20.33 | 20.26 | 20.09 | 2 |
| | | 50 | 25 | 20.30 | 20.23 | 20.06 | 2 |
| | | 50 | 50 | 20.28 | 20.21 | 20.04 | 2 |
| | | 100 | 0 | 20.18 | 20.11 | 19.94 | 2 |

3.5 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

TUNE-UP POWER TABLE

| Band | Frequency (MHz) | Operating Mode | Tune-Up Power And Tolerance (dBm) |
|----------|-----------------|----------------|-----------------------------------|
| WCDMA II | 1880 | RMC12.2K | 23.5 ± 1 |
| WCDMA IV | 1732.6 | RMC12.2K | 23.5 ± 1 |
| WCDMA V | 826.4 | RMC12.2K | 23.5 ± 1 |
| LTE 2 | 1860 | QPSK | 23.0 ± 1 |
| LTE 4 | 1732.5 | QPSK | 23.0 ± 1 |
| LTE 5 | 829 | QPSK | 23.0+2/-1 |
| LTE 7 | 2510 | QPSK | 23.0 ± 1 |
| LTE 12 | 711 | QPSK | 23.0 ± 1 |
| LTE 13 | 782 | QPSK | 23.0 ± 1 |
| LTE 14 | 793 | QPSK | 23.0 ± 1 |
| LTE 17 | 710 | QPSK | 23.0 ± 1 |
| LTE 25 | 1860 | QPSK | 23.0 ± 1 |
| LTE 26 | 819 | QPSK | 23.0+2/-1 |
| LTE 30 | 2310 | QPSK | 23.0 ± 1 |
| LTE 38 | 2580 | QPSK | 23.0 ± 1 |
| LTE 41 | 2506 | QPSK | 23.0 ± 1 |
| LTE 66 | 1770 | QPSK | 23.0 ± 1 |

WCDMA

| Band | Frequency (MHz) | Operating Mode | Antenna Gain (dBi) | Tune-up Power (dBm) | E.I.R.P Power (mW) | Power Density (mW/cm ²) | limit (mW/cm ²) | PASS / FAIL |
|----------|-----------------|----------------|--------------------|---------------------|--------------------|-------------------------------------|-----------------------------|-------------|
| WCDMA II | 1880 | RMC12.2K | 5 | 24.5 | 891.251 | 0.177 | 1.00 | PASS |
| WCDMA IV | 1732.6 | RMC12.2K | 5 | 24.5 | 891.251 | 0.177 | 1.00 | PASS |
| WCDMA V | 826.4 | RMC12.2K | 3 | 24.5 | 562.341 | 0.112 | 0.55 | PASS |

LTE

| Band | Frequency (MHz) | Operating Mode | Antenna Gain (dBi) | Tune-up Power (dBm) | E.I.R.P Power (mW) | Power Density (mW/cm ²) | limit (mW/cm ²) | PASS / FAIL |
|--------|-----------------|----------------|--------------------|---------------------|--------------------|-------------------------------------|-----------------------------|-------------|
| LTE 2 | 1860 | QPSK | 5 | 24.0 | 794.328 | 0.158 | 1.00 | PASS |
| LTE 4 | 1732.5 | QPSK | 5 | 24.0 | 794.328 | 0.158 | 1.00 | PASS |
| LTE 5 | 829 | QPSK | 3 | 25.0 | 630.957 | 0.126 | 0.55 | PASS |
| LTE 7 | 2510 | QPSK | 5 | 24.0 | 794.328 | 0.158 | 1.00 | PASS |
| LTE 12 | 711 | QPSK | 3 | 24.0 | 501.187 | 0.100 | 0.47 | PASS |
| LTE 13 | 782 | QPSK | 3 | 24.0 | 501.187 | 0.100 | 0.52 | PASS |
| LTE 14 | 793 | QPSK | 4 | 24.0 | 630.957 | 0.126 | 0.53 | PASS |
| LTE 17 | 710 | QPSK | 3 | 24.0 | 501.187 | 0.100 | 0.47 | PASS |
| LTE 25 | 1860 | QPSK | 5 | 24.0 | 794.328 | 0.158 | 1.00 | PASS |
| LTE 26 | 819 | QPSK | 3 | 25.0 | 630.957 | 0.126 | 0.55 | PASS |
| LTE 30 | 2310 | QPSK | 3 | 24.0 | 501.187 | 0.100 | 1.00 | PASS |
| LTE 38 | 2580 | QPSK | 5 | 24.0 | 794.328 | 0.158 | 1.00 | PASS |
| LTE 41 | 2506 | QPSK | 5 | 24.0 | 794.328 | 0.158 | 1.00 | PASS |
| LTE 66 | 1770 | QPSK | 5 | 24.0 | 794.328 | 0.158 | 1.00 | PASS |

--END--