

**CFR 47 FCC PART 02
CFR 47 FCC PART 22 H
CFR 47 FCC PART 24 E
CFR 47 FCC PART 27
CFR 47 FCC PART 90S**

TEST REPORT

For

Smart POS

MODEL NUMBER: D60

FCC ID: 2AGQ6-D60

REPORT NUMBER: 4790950508-1-RF-8

ISSUE DATE: October 22, 2023

Prepared for

**Dspread Technology (Beijing) Inc
Rm.407, B12C, #10(Universal Business Park), Jiuxianqiao Road, Chaoyang District, Beijing,
100015, China**

Prepared by

**UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch
Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech
Development Zone Dongguan, 523808, People's Republic of China**

Tel: +86 769 22038881

Fax: +86 769 33244054

Website: www.ul.com

Revision History

| Rev. | Issue Date | Revisions | Revised By |
|------|------------------|---------------|------------|
| V0 | October 22, 2023 | Initial Issue | \ |

Note:

1. This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
2. The measurement result for the sample received is <Pass> according to < CFR 47 FCC PART 22 H >< CFR 47 FCC PART 24 E >< CFR 47 FCC PART 27 >< CFR 47 FCC PART 90S > when < Simple Acceptance > decision rule is applied.

TABLE OF CONTENTS

| | |
|--|------------|
| 1. ATTESTATION OF TEST RESULTS | 5 |
| 2. TEST METHODOLOGY | 6 |
| 3. FACILITIES AND ACCREDITATION | 6 |
| 4. CALIBRATION AND UNCERTAINTY | 7 |
| 4.1. <i>MEASURING INSTRUMENT CALIBRATION</i> | <i>7</i> |
| 4.2. <i>MEASUREMENT UNCERTAINTY</i> | <i>7</i> |
| 5. EQUIPMENT UNDER TEST | 8 |
| 5.1. <i>DESCRIPTION OF EUT</i> | <i>8</i> |
| 5.2. <i>TEST CHANNEL CONFIGURATION</i> | <i>8</i> |
| 5.3. <i>MAXIMUM AVERAGE OUTPUT POWER</i> | <i>12</i> |
| 5.4. <i>WORST-CASE CONFIGURATION AND MODE</i> | <i>18</i> |
| 5.5. <i>DESCRIPTION OF AVAILABLE ANTENNAS</i> | <i>19</i> |
| 5.6. <i>DESCRIPTION OF TEST SETUP</i> | <i>20</i> |
| 6. MEASURING INSTRUMENT AND SOFTWARE USED | 21 |
| 7. ANTENNA TERMINAL TEST RESULTS | 22 |
| 7.1. <i>EFFECTIVE (ISOTROPIC) RADIATED POWER OF TRANSMITTER</i> | <i>22</i> |
| 7.2. <i>PEAK TO AVERAGE RADIO</i> | <i>24</i> |
| 7.3. <i>OCCUPIED BANDWIDTH</i> | <i>25</i> |
| 7.4. <i>BAND EDGE EMISSIONS</i> | <i>26</i> |
| 7.5. <i>SPURIOUS EMISSION AT ANTENNA TERMINAL</i> | <i>28</i> |
| 7.6. <i>FREQUENCY STABILITY</i> | <i>30</i> |
| 8. APPENDIX | 31 |
| 8.1. <i>Appendix A: Effective (Isotropic) Radiated Power Output Data</i> | <i>31</i> |
| 8.2. <i>Appendix B: Peak-to-Average Ratio(CCDF)</i> | <i>56</i> |
| 8.2.1. <i>Test Result</i> | <i>56</i> |
| 8.2.2. <i>Test Graphs</i> | <i>59</i> |
| 8.3. <i>Appendix C: 26dB Bandwidth and Occupied Bandwidth</i> | <i>78</i> |
| 8.3.1. <i>Test Result</i> | <i>78</i> |
| 8.3.2. <i>Test Graphs</i> | <i>81</i> |
| 8.4. <i>Appendix D: Band Edge</i> | <i>99</i> |
| 8.4.1. <i>Test Result</i> | <i>99</i> |
| 8.4.2. <i>Test Graphs</i> | <i>110</i> |
| 8.5. <i>Appendix E: Conducted Spurious Emission</i> | <i>178</i> |
| 8.5.1. <i>Test Result</i> | <i>178</i> |
| 8.5.2. <i>Test Graphs</i> | <i>203</i> |

| | | |
|-----------|--|------------|
| 8.6. | Appendix F: Frequency Stability..... | 312 |
| 8.6.1. | Test Result | 312 |
| 9. | RADIATED SPURIOUS EMISSIONS | 328 |

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Dspread Technology (Beijing) Inc
 Address: Rm.407, B12C, #10(Universal Business Park), Jiuxianqiao Road, Chaoyang District, Beijing, 100015, China

Manufacturer Information

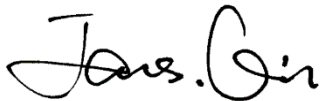
Company Name: Dspread Technology (Beijing) Inc
 Address: Rm.407, B12C, #10(Universal Business Park), Jiuxianqiao Road, Chaoyang District, Beijing, 100015, China

EUT Information

EUT Name: Smart POS
 Model: D60
 Sample Received Date: August 2, 2023
 Sample Status: Normal
 Sample ID: 6327587
 Date of Tested: August 12, 2023 to October 12, 2023

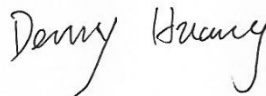
| APPLICABLE STANDARDS | |
|----------------------|--------------|
| STANDARD | TEST RESULTS |
| CFR 47 FCC PART 22 H | PASS |
| CFR 47 FCC PART 24 E | PASS |
| CFR 47 FCC PART 27 | PASS |
| CFR 47 FCC PART 90S | PASS |

Prepared By:



James Qin
Project Engineer

Checked By:



Denny Huang
Senior Project Engineer

Approved By:



Stephen Guo
Operations Manager

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.26-2015, 971168 D01 Power Meas License Digital Systems v03r01, 971168 D02 Misc Rev Approv License Devices v02r01, 412172 D01 v01r01 Determining ERP and EIRP, CFR 47 FCC Part 2, Part 22 H, Part 24 E, Part 27, Part 90S.

3. FACILITIES AND ACCREDITATION

| | |
|---------------------------|---|
| Accreditation Certificate | <p>A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p>FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Delcaration of Conformity (DoC) and Certification rules</p> <p>ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p>VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011</p> |
|---------------------------|---|

Note 1: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China

Note 2: The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3: For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognize national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| Test Item | Uncertainty |
|--|-------------------------|
| Conduction emission | 3.62 dB |
| Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz) | 2.2 dB |
| Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz) | 4.00 dB |
| Radiated Emission (Included Fundamental Emission) (1 GHz to 40 GHz) | 5.78 dB (1 GHz-18 GHz) |
| | 5.23dB (18 GHz-26 GHz) |
| | 5.64 dB (26 GHz-40 GHz) |
| Bandwidth | 1.1 % |

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

| | |
|----------|-----------|
| EUT Name | Smart POS |
| Model | D60 |

5.2. TEST CHANNEL CONFIGURATION

| Band | Test Frequency ID | Bandwidth [MHz] | NUL | Frequency of Uplink [MHz] | NDL | Frequency of Downlink [MHz] |
|--------|-------------------|------------------|-------|---------------------------|------|-----------------------------|
| Band 2 | Low Range | 1.4 | 18607 | 1850.7 | 607 | 1930.7 |
| | | 3 | 18615 | 1851.5 | 615 | 1931.5 |
| | | 5 | 18625 | 1852.5 | 625 | 1932.5 |
| | | 10 | 18650 | 1855 | 650 | 1935 |
| | | 15 | 18675 | 1857.5 | 675 | 1937.5 |
| | | 20 | 18700 | 1860 | 700 | 1940 |
| | Mid Range | 1.4/3/5/10/15/20 | 18900 | 1880 | 900 | 1960 |
| | High Range | 1.4 | 19193 | 1909.3 | 1193 | 1989.3 |
| | | 3 | 19185 | 1908.5 | 1185 | 1988.5 |
| | | 5 | 19175 | 1907.5 | 1175 | 1987.5 |
| | | 10 | 19150 | 1905 | 1150 | 1985 |
| | | 15 | 19125 | 1902.5 | 1125 | 1982.5 |
| | | 20 | 19100 | 1900 | 1100 | 1980 |

| Band | Test Frequency ID | Bandwidth [MHz] | NUL | Frequency of Uplink [MHz] | NDL | Frequency of Downlink [MHz] |
|--------|-------------------|------------------|-------|---------------------------|------|-----------------------------|
| Band 4 | Low Range | 1.4 | 19957 | 1710.7 | 1957 | 2110.7 |
| | | 3 | 19965 | 1711.5 | 1965 | 2111.5 |
| | | 5 | 19975 | 1712.5 | 1975 | 2112.5 |
| | | 10 | 20000 | 1715 | 2000 | 2115 |
| | | 15 | 20025 | 1717.5 | 2025 | 2117.5 |
| | | 20 | 20050 | 1720 | 2050 | 2120 |
| | Mid Range | 1.4/3/5/10/15/20 | 20175 | 1732.5 | 2175 | 2132.5 |
| | High Range | 1.4 | 20393 | 1754.3 | 2393 | 2154.3 |
| | | 3 | 20385 | 1753.5 | 2385 | 2153.5 |
| | | 5 | 20375 | 1752.5 | 2375 | 2152.5 |
| | | 10 | 20350 | 1750 | 2350 | 2150 |
| | | 15 | 20325 | 1747.5 | 2325 | 2147.5 |
| | | 20 | 20300 | 1745 | 2300 | 2145 |

| Band | Test Frequency ID | Bandwidth [MHz] | NUL | Frequency of Uplink [MHz] | NDL | Frequency of Downlink [MHz] |
|--------|-------------------|-----------------|-------|---------------------------|------|-----------------------------|
| Band 5 | Low Range | 1.4 | 20407 | 824.7 | 2407 | 869.7 |
| | | 3 | 20415 | 825.5 | 2415 | 870.5 |
| | | 5 | 20425 | 826.5 | 2425 | 871.5 |
| | | 10 | 20450 | 829 | 2450 | 874 |
| | Mid Range | 1.4/3/5/10 | 20525 | 836.5 | 2525 | 881.5 |
| | High Range | 1.4 | 20643 | 848.3 | 2643 | 893.3 |
| | | 3 | 20635 | 847.5 | 2635 | 892.5 |
| | | 5 | 20625 | 846.5 | 2625 | 891.5 |
| 10 | | 20600 | 844 | 2600 | 889 | |

| Band | Test Frequency ID | Bandwidth [MHz] | NUL | Frequency of Uplink [MHz] | NDL | Frequency of Downlink [MHz] |
|--------|-------------------|-----------------|-------|---------------------------|------|-----------------------------|
| Band 7 | Low Range | 5 | 20775 | 2502.5 | 2775 | 2622.5 |
| | | 10 | 20800 | 2505 | 2800 | 2625 |
| | | 15 | 20825 | 2507.5 | 2825 | 2627.5 |
| | | 20 | 20850 | 2510 | 2850 | 2630 |
| | Mid Range | 5/10/15/20 | 21100 | 2535 | 3100 | 2655 |
| | High Range | 5 | 21425 | 2567.5 | 3425 | 2687.5 |
| | | 10 | 21400 | 2565 | 3400 | 2685 |
| | | 15 | 21375 | 2562.5 | 3375 | 2682.5 |
| 20 | | 21350 | 2560 | 3350 | 2680 | |

| Band | Test Frequency ID | Bandwidth [MHz] | NUL | Frequency of Uplink [MHz] | NDL | Frequency of Downlink [MHz] |
|---------|-------------------|-----------------|-------|---------------------------|------|-----------------------------|
| Band 12 | Low Range | 1.4 | 23017 | 699.7 | 5017 | 729.7 |
| | | 3 | 23025 | 700.5 | 5025 | 730.5 |
| | | 5 | 23035 | 701.5 | 5035 | 731.5 |
| | | 10 | 23060 | 704 | 5060 | 734 |
| | Mid Range | 1.4/3/5/10 | 23095 | 707.5 | 5095 | 737.5 |
| | High Range | 1.4 | 23173 | 715.3 | 5173 | 745.3 |
| | | 3 | 23165 | 714.5 | 5165 | 744.5 |
| | | 5 | 23155 | 713.5 | 5155 | 743.5 |
| 10 | | 23130 | 711 | 5130 | 741 | |

| Band | Test Frequency ID | Bandwidth [MHz] | NUL | Frequency of Uplink [MHz] | NDL | Frequency of Downlink [MHz] |
|---------|-------------------|-----------------|-------|---------------------------|------|-----------------------------|
| Band 17 | Low Range | 5 | 23755 | 706.5 | 5755 | 736.5 |
| | | 10 | 23780 | 709 | 5780 | 739 |
| | Mid Range | 5/10 | 23790 | 710 | 5790 | 740 |
| | High Range | 5 | 23825 | 713.5 | 5825 | 743.5 |
| | | 10 | 23800 | 711 | 5800 | 741 |

| Band | Test Frequency ID | Bandwidth [MHz] | NUL | Frequency of Uplink [MHz] | NDL | Frequency of Downlink [MHz] |
|---------|-------------------|------------------|-------|---------------------------|------|-----------------------------|
| Band 25 | Low Range | 1.4 | 26047 | 1850.7 | 8047 | 1930.7 |
| | | 3 | 26055 | 1851.5 | 8055 | 1931.5 |
| | | 5 | 26065 | 1852.5 | 8065 | 1932.5 |
| | | 10 | 26090 | 1855 | 8090 | 1935 |
| | | 15 | 26115 | 1857.5 | 8115 | 1937.5 |
| | | 20 | 26140 | 1860 | 8140 | 1940 |
| | Mid Range | 1.4/3/5/10/15/20 | 26365 | 1882.5 | 8365 | 1962.5 |
| | High Range | 1.4 | 26683 | 1914.3 | 8683 | 1994.3 |
| | | 3 | 26675 | 1913.5 | 8675 | 1993.5 |
| | | 5 | 26665 | 1912.5 | 8665 | 1992.5 |
| | | 10 | 26640 | 1910 | 8640 | 1990 |
| | | 15 | 26615 | 1907.5 | 8615 | 1987.5 |
| | | 20 | 26590 | 1905 | 8590 | 1985 |

| Band | Test Frequency ID | Bandwidth [MHz] | NUL | Frequency of Uplink [MHz] | NDL | Frequency of Downlink [MHz] |
|---------|-------------------|-----------------|-------|---------------------------|------|-----------------------------|
| Band 26 | Low Range | 1.4 | 26697 | 814.7 | 8697 | 859.7 |
| | | 3 | 26705 | 815.5 | 8705 | 860.5 |
| | | 5 | 26715 | 816.5 | 8715 | 861.5 |
| | | 10 | 26740 | 819 | 8740 | 864 |
| | | 15 | 26765 | 821.5 | 8765 | 866.5 |
| | Mid Range | 1.4/3/5/10/15 | 26865 | 831.5 | 8865 | 876.5 |
| | High Range | 1.4 | 27033 | 848.3 | 9033 | 893.3 |
| | | 3 | 27025 | 847.5 | 9025 | 892.5 |
| | | 5 | 27015 | 846.5 | 9015 | 891.5 |
| | | 10 | 26990 | 844 | 8990 | 889 |
| | | 15 | 26965 | 841.5 | 8965 | 886.5 |

| Band | Test Frequency ID | Bandwidth [MHz] | EARFCN | Frequency (UL and DL) [MHz] |
|---------|-------------------|-----------------|--------|-----------------------------|
| Band 38 | Low Range | 5 | 37775 | 2572.5 |
| | | 10 | 37800 | 2575 |
| | | 15 | 37825 | 2577.5 |
| | | 20 | 37850 | 2580 |
| | Mid Range | 5/10/15/20 | 38000 | 2595 |
| | High Range | 5 | 38225 | 2617.5 |
| | | 10 | 38200 | 2615 |
| | | 15 | 38175 | 2612.5 |
| 20 | | 38150 | 2610 | |

| Band | Test Frequency ID | Bandwidth [MHz] | EARFCN | Frequency (UL and DL) [MHz] |
|---------|-------------------|-----------------|--------|-----------------------------|
| Band 41 | Low Range | 5 | 39675 | 2498.5 |
| | | 10 | 39700 | 2501 |
| | | 15 | 39725 | 2503.5 |
| | | 20 | 39750 | 2506 |
| | Mid Range | 5/10/15/20 | 40620 | 2593 |
| | High Range | 5 | 41565 | 2687.5 |
| | | 10 | 41540 | 2685 |
| | | 15 | 41515 | 2682.5 |
| | | 20 | 41490 | 2680 |

| Band | Test Frequency ID | Bandwidth [MHz] | NUL | Frequency of Uplink [MHz] | NDL | Frequency of Downlink [MHz] |
|---------|--------------------------------|------------------|--------|---------------------------|-------|-----------------------------|
| Band 66 | Low Range | 1.4 | 131979 | 1710.7 | 66443 | 2110.7 |
| | | 3 | 131987 | 1711.5 | 66451 | 2111.5 |
| | | 5 | 131997 | 1712.5 | 66461 | 2112.5 |
| | | 10 | 132022 | 1715 | 66486 | 2115 |
| | | 15 | 132047 | 1717.5 | 66511 | 2117.5 |
| | | 20 | 132072 | 1720 | 66536 | 2120 |
| | Mid Range Tx ¹ | 1.4/3/5/10/15/20 | 132322 | 1745 | 66786 | 2145 |
| | Mid Range | 1.4/3/5/10/15/20 | 132422 | 1755 | 66886 | 2155 |
| | Paired High Range ² | 1.4 | 132665 | 1779.3 | 67129 | 2179.3 |
| | | 3 | 132657 | 1778.5 | 67121 | 2178.5 |
| | | 5 | 132647 | 1777.5 | 67111 | 2177.5 |
| | | 10 | 132622 | 1775 | 67086 | 2175 |
| | | 15 | 132597 | 1772.5 | 67061 | 2172.5 |
| | | 20 | 132572 | 1770 | 67036 | 2170 |
| | High Range ³ | 1.4 | NA | NA | 67329 | 2199.3 |
| | | 3 | NA | NA | 67321 | 2198.5 |
| | | 5 | NA | NA | 67311 | 2197.5 |
| | | 10 | NA | NA | 67286 | 2195 |
| | | 15 | NA | NA | 67261 | 2192.5 |
| | | 20 | NA | NA | 67236 | 2190 |

Note 1: Applicable for transmitter testing.

Note 2: Applicable if UL is configured on the CC.

Note 3: Applicable if no UL is configured on the CC.

5.3. MAXIMUM AVERAGE OUTPUT POWER

LTE Band 2

| Part 24 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|------------------|---------------|---------------------|
| EIRP Limit(W) | | 2.0 | | | | | |
| Antenna Gain (dBi) | | 1.19 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | EIRP Average (W) | 99% OBW (MHz) | Emission Designator |
| 1.4 | QPSK | 1850.7 | 1909.3 | 21.58 | 0.189 | 1.082 | 1M08G7W |
| | 16QAM | | | 20.94 | 0.163 | 1.081 | 1M08D7W |
| 3 | QPSK | 1851.5 | 1908.5 | 21.66 | 0.193 | 2.680 | 2M68G7W |
| | 16QAM | | | 20.72 | 0.155 | 2.680 | 2M68D7W |
| 5 | QPSK | 1852.5 | 1907.5 | 21.47 | 0.185 | 4.482 | 4M48G7W |
| | 16QAM | | | 20.66 | 0.153 | 4.479 | 4M48D7W |
| 10 | QPSK | 1855.0 | 1905.0 | 21.63 | 0.191 | 8.952 | 8M95G7W |
| | 16QAM | | | 20.93 | 0.163 | 8.953 | 8M95D7W |
| 15 | QPSK | 1857.5 | 1902.5 | 21.68 | 0.194 | 13.431 | 13M4G7W |
| | 16QAM | | | 20.89 | 0.161 | 13.429 | 13M4D7W |
| 20 | QPSK | 1860.0 | 1900.0 | 21.86 | 0.202 | 17.971 | 18M0G7W |
| | 16QAM | | | 21.08 | 0.169 | 17.972 | 18M0D7W |

LTE Band 4

| Part 27 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|------------------|---------------|---------------------|
| EIRP Limit(W) | | 1.0 | | | | | |
| Antenna Gain (dBi) | | 0.53 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | EIRP Average (W) | 99% OBW (MHz) | Emission Designator |
| 1.4 | QPSK | 1710.7 | 1754.3 | 22.45 | 0.199 | 1.087 | 1M09G7W |
| | 16QAM | | | 21.21 | 0.149 | 1.086 | 1M09D7W |
| 3 | QPSK | 1711.5 | 1753.5 | 22.30 | 0.192 | 2.688 | 2M69G7W |
| | 16QAM | | | 21.18 | 0.148 | 2.689 | 2M69D7W |
| 5 | QPSK | 1712.5 | 1752.5 | 22.33 | 0.193 | 4.497 | 4M50G7W |
| | 16QAM | | | 21.38 | 0.155 | 4.509 | 4M51D7W |
| 10 | QPSK | 1715 | 1750 | 22.24 | 0.189 | 8.981 | 8M98G7W |
| | 16QAM | | | 21.16 | 0.148 | 8.977 | 8M98D7W |
| 15 | QPSK | 1717.5 | 1747.5 | 22.23 | 0.189 | 13.483 | 13M5G7W |
| | 16QAM | | | 21.10 | 0.146 | 13.469 | 13M5D7W |
| 20 | QPSK | 1720 | 1745 | 22.45 | 0.199 | 18.003 | 18M0G7W |
| | 16QAM | | | 21.49 | 0.159 | 18.023 | 18M0D7W |

LTE Band 5

| Part 22H | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|-----------------|---------------|---------------------|
| ERP Limit(W) | | 7.0 | | | | | |
| Antenna Gain (dBi) | | -0.23 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | ERP Average (W) | 99% OBW (MHz) | Emission Designator |
| 1.4 | QPSK | 824.7 | 848.3 | 22.66 | 0.107 | 1.087 | 1M09G7W |
| | 16QAM | | | 21.94 | 0.090 | 1.086 | 1M09D7W |
| 3 | QPSK | 825.5 | 847.5 | 22.68 | 0.107 | 2.688 | 2M69G7W |
| | 16QAM | | | 21.97 | 0.091 | 2.686 | 2M69D7W |
| 5 | QPSK | 826.5 | 846.5 | 22.62 | 0.106 | 4.498 | 4M50G7W |
| | 16QAM | | | 21.97 | 0.091 | 4.504 | 4M50D7W |
| 10 | QPSK | 829 | 844 | 22.91 | 0.113 | 8.984 | 8M98G7W |
| | 16QAM | | | 22.23 | 0.097 | 8.967 | 8M97D7W |

LTE Band 7

| Part 27 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|------------------|---------------|---------------------|
| EIRP Limit(W) | | 2.0 | | | | | |
| Antenna Gain (dBi) | | 2.02 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | EIRP Average (W) | 99% OBW (MHz) | Emission Designator |
| 5 | QPSK | 2502.5 | 2567.5 | 21.16 | 0.208 | 4.494 | 4M49G7W |
| | 16QAM | | | 20.17 | 0.166 | 4.505 | 4M51D7W |
| 10 | QPSK | 2505 | 2565 | 21.14 | 0.207 | 8.988 | 8M99G7W |
| | 16QAM | | | 20.04 | 0.161 | 8.977 | 8M98D7W |
| 15 | QPSK | 2507.5 | 2562.5 | 21.12 | 0.206 | 13.481 | 13M5G7W |
| | 16QAM | | | 20.00 | 0.159 | 13.474 | 13M5D7W |
| 20 | QPSK | 2510 | 2560 | 21.39 | 0.219 | 18.020 | 18M0G7W |
| | 16QAM | | | 20.38 | 0.174 | 18.022 | 18M0D7W |

LTE Band 12

| Part 27 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|-----------------|---------------|---------------------|
| ERP Limit(W) | | 3.0 | | | | | |
| Antenna Gain (dBi) | | -1.87 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | ERP Average (W) | 99% OBW (MHz) | Emission Designator |
| 1.4 | QPSK | 699.7 | 715.3 | 22.41 | 0.069 | 1.086 | 1M09G7W |
| | 16QAM | | | 21.59 | 0.057 | 1.085 | 1M09D7W |
| 3 | QPSK | 700.5 | 714.5 | 22.52 | 0.071 | 2.687 | 2M69G7W |
| | 16QAM | | | 21.66 | 0.058 | 2.690 | 2M69D7W |
| 5 | QPSK | 701.5 | 713.5 | 22.52 | 0.071 | 4.502 | 4M50G7W |
| | 16QAM | | | 21.58 | 0.057 | 4.512 | 4M50D7W |
| 10 | QPSK | 704.0 | 711.0 | 22.67 | 0.073 | 8.991 | 9M00G7W |
| | 16QAM | | | 21.81 | 0.060 | 8.981 | 8M98D7W |

LTE Band 17

| Part 27 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|-----------------|---------------|---------------------|
| ERP Limit(W) | | 3.0 | | | | | |
| Antenna Gain (dBi) | | -1.87 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | ERP Average (W) | 99% OBW (MHz) | Emission Designator |
| 5 | QPSK | 706.5 | 713.5 | 22.50 | 0.070 | 4.499 | 4M50G7W |
| | 16QAM | | | 21.70 | 0.059 | 4.504 | 4M50D7W |
| 10 | QPSK | 709.0 | 711.0 | 22.62 | 0.072 | 8.967 | 8M97G7W |
| | 16QAM | | | 21.85 | 0.061 | 8.961 | 8M96D7W |

LTE Band 25

| Part 24 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|------------------|---------------|---------------------|
| EIRP Limit(W) | | 2.0 | | | | | |
| Antenna Gain (dBi) | | 1.19 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | EIRP Average (W) | 99% OBW (MHz) | Emission Designator |
| 1.4 | QPSK | 1850.7 | 1914.3 | 21.88 | 0.203 | 1.093 | 1M09G7W |
| | 16QAM | | | 20.69 | 0.154 | 1.088 | 1M09D7W |
| 3 | QPSK | 1851.5 | 1913.5 | 21.80 | 0.199 | 2.686 | 2M69G7W |
| | 16QAM | | | 20.73 | 0.156 | 2.686 | 2M69D7W |
| 5 | QPSK | 1852.5 | 1912.5 | 21.83 | 0.200 | 4.492 | 4M50G7W |
| | 16QAM | | | 20.86 | 0.160 | 4.502 | 4M50D7W |
| 10 | QPSK | 1855 | 1910 | 21.85 | 0.201 | 8.973 | 8M97G7W |
| | 16QAM | | | 20.66 | 0.153 | 8.956 | 8M96D7W |
| 15 | QPSK | 1857.5 | 1907.5 | 21.76 | 0.197 | 13.451 | 13M5G7W |
| | 16QAM | | | 20.77 | 0.157 | 13.451 | 13M5D7W |
| 20 | QPSK | 1860 | 1905 | 22.04 | 0.210 | 18.012 | 18M0G7W |
| | 16QAM | | | 21.05 | 0.167 | 17.995 | 18M0D7W |

LTE Band 26

| Part 22 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|-----------------|---------------|---------------------|
| ERP Limit(W) | | 7.0 | | | | | |
| Antenna Gain (dBi) | | -0.23 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | ERP Average (W) | 99% OBW (MHz) | Emission Designator |
| 1.4 | QPSK | 824.7 | 848.3 | 22.64 | 0.106 | 1.087 | 1M09G7W |
| | 16QAM | | | 22.04 | 0.092 | 1.086 | 1M09D7W |
| 3 | QPSK | 825.5 | 847.5 | 22.64 | 0.106 | 2.691 | 2M69G7W |
| | 16QAM | | | 22.03 | 0.092 | 2.686 | 2M69D7W |
| 5 | QPSK | 826.5 | 846.5 | 22.67 | 0.107 | 4.494 | 4M49G7W |
| | 16QAM | | | 22.03 | 0.092 | 4.502 | 4M50D7W |
| 10 | QPSK | 829 | 844 | 22.57 | 0.104 | 8.983 | 8M98G7W |
| | 16QAM | | | 21.86 | 0.089 | 8.972 | 8M97D7W |
| 15 | QPSK | 831.5 | 841.5 | 22.85 | 0.111 | 13.478 | 13M5G7W |
| | 16QAM | | | 22.15 | 0.095 | 13.467 | 13M5D7W |

LTE Band 26

| Part 90S | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|-----------------|---------------|---------------------|
| ERP Limit(W) | | 100.0 | | | | | |
| Antenna Gain (dBi) | | -0.23 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | ERP Average (W) | 99% OBW (MHz) | Emission Designator |
| 1.4 | QPSK | 814.7 | 823.3 | 22.64 | 0.106 | 1.088 | 1M09G7W |
| | 16QAM | | | 22.04 | 0.092 | 1.087 | 1M09D7W |
| 3 | QPSK | 815.5 | 822.5 | 22.64 | 0.106 | 2.690 | 2M69G7W |
| | 16QAM | | | 22.03 | 0.092 | 2.685 | 2M69D7W |
| 5 | QPSK | 816.5 | 821.5 | 22.67 | 0.107 | 4.494 | 4M49G7W |
| | 16QAM | | | 22.03 | 0.092 | 4.509 | 4M50D7W |
| 10 | QPSK | 819 | 819 | 22.57 | 0.104 | 8.972 | 8M97G7W |
| | 16QAM | | | 21.86 | 0.089 | 8.963 | 8M96D7W |

LTE Band 38

| Part 27 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|------------------|---------------|---------------------|
| EIRP Limit(W) | | 2.0 | | | | | |
| Antenna Gain (dBi) | | 2.2 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | EIRP Average (W) | 99% OBW (MHz) | Emission Designator |
| 5 | QPSK | 2572.5 | 2617.5 | 21.54 | 0.237 | 4.494 | 4M49G7W |
| | 16QAM | | | 20.72 | 0.196 | 4.505 | 4M50D7W |
| 10 | QPSK | 2575 | 2615 | 21.50 | 0.234 | 8.988 | 8M99G7W |
| | 16QAM | | | 20.85 | 0.202 | 8.977 | 8M98D7W |
| 15 | QPSK | 2577.5 | 2612.5 | 21.63 | 0.242 | 13.481 | 13M5G7W |
| | 16QAM | | | 20.72 | 0.196 | 13.474 | 13M5D7W |
| 20 | QPSK | 2580 | 2610 | 21.78 | 0.250 | 18.020 | 18M0G7W |
| | 16QAM | | | 20.99 | 0.208 | 18.022 | 18M0D7W |

LTE Band 41

| Part 27 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|------------------|---------------|---------------------|
| EIRP Limit(W) | | 2.0 | | | | | |
| Antenna Gain (dBi) | | 2.41 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | EIRP Average (W) | 99% OBW (MHz) | Emission Designator |
| 5 | QPSK | 2498.5 | 2687.5 | 21.67 | 0.256 | 4.499 | 4M50G7W |
| | 16QAM | | | 20.73 | 0.206 | 4.484 | 4M48D7W |
| 10 | QPSK | 2501 | 2685 | 21.85 | 0.267 | 8.960 | 8M96G7W |
| | 16QAM | | | 20.83 | 0.211 | 8.972 | 8M97D7W |
| 15 | QPSK | 2503.5 | 2682.5 | 21.67 | 0.256 | 13.453 | 13M5G7W |
| | 16QAM | | | 20.72 | 0.206 | 13.452 | 13M5D7W |
| 20 | QPSK | 2506 | 2680 | 21.99 | 0.275 | 18.003 | 18M0G7W |
| | 16QAM | | | 20.94 | 0.216 | 17.988 | 18M0D7W |

LTE Band 66

| Part 27 | | | | | | | |
|--------------------|------------|---------------------|-----------------------|-------------------------|------------------|---------------|---------------------|
| EIRP Limit(W) | | 1.0 | | | | | |
| Antenna Gain (dBi) | | 0.53 | | | | | |
| Bandwidth (MHz) | Modulation | Low Frequency (MHz) | Upper Frequency (MHz) | Conducted Average (dBm) | EIRP Average (W) | 99% OBW (MHz) | Emission Designator |
| 1.4 | QPSK | 1710.7 | 1779.3 | 21.95 | 0.177 | 1.084 | 1M08G7W |
| | 16QAM | | | 21.24 | 0.150 | 1.085 | 1M09D7W |
| 3 | QPSK | 1711.5 | 1778.5 | 22.09 | 0.183 | 2.688 | 2M69G7W |
| | 16QAM | | | 21.04 | 0.144 | 2.687 | 2M69D7W |
| 5 | QPSK | 1712.5 | 1777.5 | 22.05 | 0.181 | 4.491 | 4M49G7W |
| | 16QAM | | | 21.25 | 0.151 | 4.502 | 4M50D7W |
| 10 | QPSK | 1715 | 1775 | 22.19 | 0.187 | 8.976 | 8M98G7W |
| | 16QAM | | | 21.27 | 0.151 | 8.968 | 8M97D7W |
| 15 | QPSK | 1717.5 | 1772.5 | 22.09 | 0.183 | 13.454 | 13M5G7W |
| | 16QAM | | | 21.30 | 0.152 | 13.458 | 13M5D7W |
| 20 | QPSK | 1720 | 1770 | 22.32 | 0.193 | 18.009 | 18M0G7W |
| | 16QAM | | | 21.42 | 0.157 | 18.005 | 18M0D7W |

5.4. WORST-CASE CONFIGURATION AND MODE

During all testing, EUT is in link mode with base station emulator at maximum power level. The worst-case scenario for all measurements is based on the average conducted output power measurement investigation results. Output power measurements were measured on QPSK, 16QAM. All testing was performed using QPSK and 16QAM modulations to represent the worst case.

The radiated spurious emissions measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT was investigated in three orthogonal orientations X,Y and Z. It was determined that X orientation was the worst-case.

Radiated spurious emissions were investigated below 30 MHz, 30 MHz - 1 GHz and above 1 GHz. There are no emissions found on below 1GHz and above 18 GHz, the emissions between 1 GHz – 18 GHz are tested at the low, mid, high channel and the worse configuration.

| Test Items | Worst case test configuration | | | |
|-----------------------------|-------------------------------|---------|-----------------|----------------------------|
| Description | Modulation | Channel | Bandwidth (MHz) | RB Configuration |
| Radiated Spurious Emissions | QPSK | L, M, H | Maximum BW | RB size=1, RB Location=Low |

5.5. DESCRIPTION OF AVAILABLE ANTENNAS

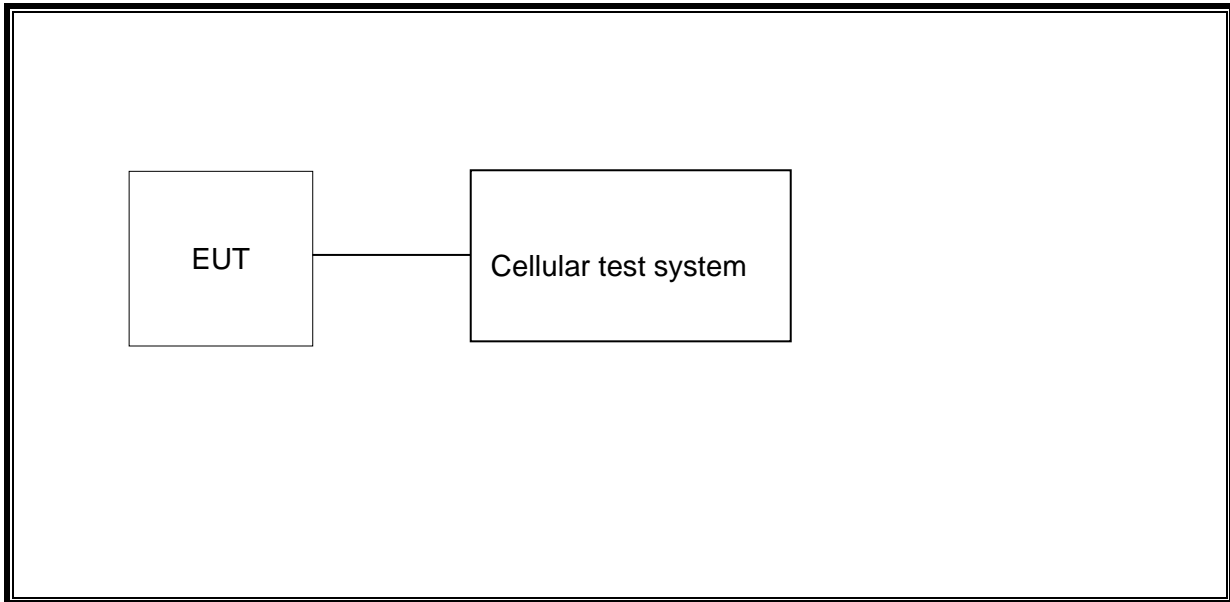
| Antenna | Band | Antenna Type | MAX Antenna Gain (dBi) |
|---------|-------------|--------------|------------------------|
| Main | LTE Band 2 | FPC | 1.19 |
| Main | LTE Band 4 | FPC | 0.53 |
| Main | LTE Band 5 | FPC | -0.23 |
| Main | LTE Band 7 | FPC | 2.02 |
| Main | LTE Band 12 | FPC | -1.87 |
| Main | LTE Band 17 | FPC | -1.87 |
| Main | LTE Band 25 | FPC | 1.19 |
| Main | LTE Band 26 | FPC | -0.23 |
| Main | LTE Band 38 | FPC | 2.2 |
| Main | LTE Band 41 | FPC | 2.41 |
| Main | LTE Band 66 | FPC | 0.53 |

| Band | Transmit and Receive Mode | Description |
|-------------|--|--|
| LTE Band 2 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 4 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 5 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 7 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 12 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 17 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 25 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 26 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 38 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 41 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |
| LTE Band 66 | <input checked="" type="checkbox"/> 1TX, 2RX | Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna |

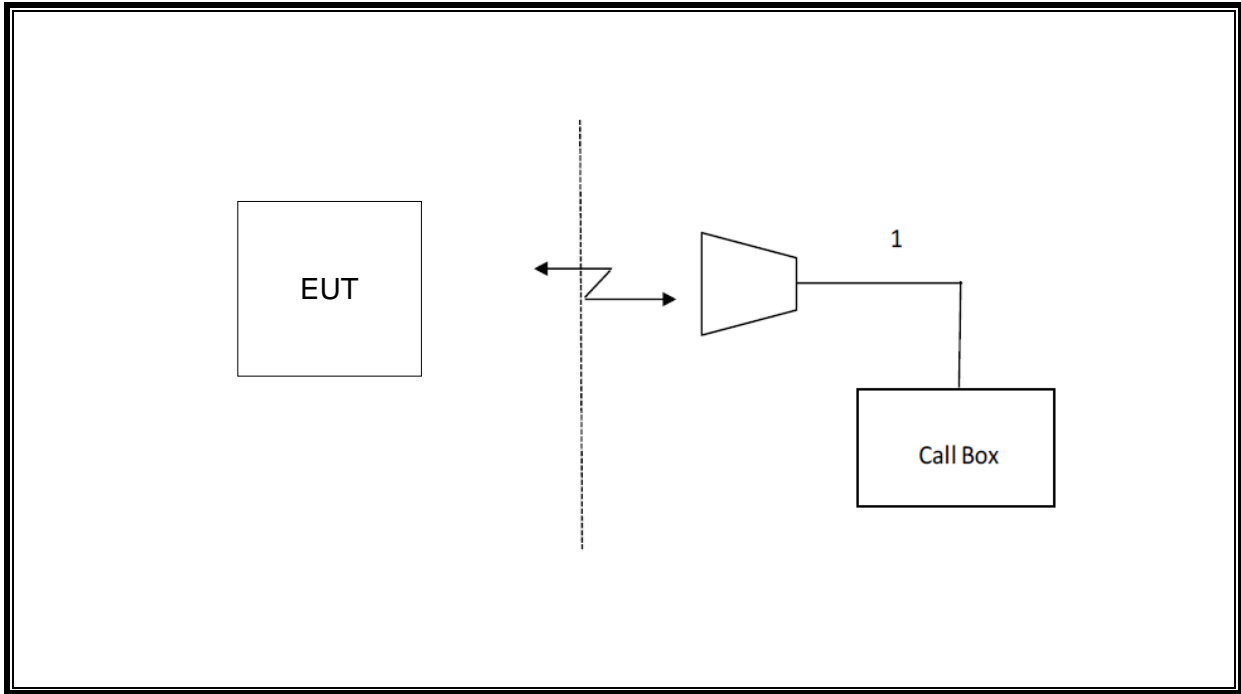
Note: The value of the antenna gain was declared by customer.

5.6. DESCRIPTION OF TEST SETUP

Conducted



Radiated



6. MEASURING INSTRUMENT AND SOFTWARE USED

| Antenna Terminal Test | | | | | | |
|-------------------------------------|--|--------------|-----------------------------|---------------|---------------|---------------|
| Instrument | | | | | | |
| Used | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
| <input checked="" type="checkbox"/> | Spectrum Analyzer | R&S | FSV40 | S422060001 | Oct.17, 2022 | Oct.16, 2023 |
| <input checked="" type="checkbox"/> | Wideband Radio Communication Tester | R&S | CMW500 | 155523 | Oct.17, 2022 | Oct.16, 2023 |
| <input checked="" type="checkbox"/> | DC Power Supply | Array | 3662A | A1512015 | Oct.17, 2022 | Oct.16, 2023 |
| Software | | | | | | |
| Used | Description | Manufacturer | Name | Version | | |
| <input checked="" type="checkbox"/> | Tonsend Cellular Test System | Tonsend | JS1120 RF Auto Test System | 3.1.46 | | |
| Radiated Test | | | | | | |
| Instrument | | | | | | |
| Used | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
| <input checked="" type="checkbox"/> | MXE EMI Receiver | KESIGHT | N9038A | MY56400036 | Oct.17, 2022 | Oct.16, 2023 |
| <input checked="" type="checkbox"/> | Hybrid Log Periodic Antenna | TDK | HLP-3003C | 130959 | Aug.02, 2021 | Aug.01, 2024 |
| <input checked="" type="checkbox"/> | Preamplifier | HP | 8447D | 2944A09099 | Oct.17, 2022 | Oct.16, 2023 |
| <input checked="" type="checkbox"/> | EMI Measurement Receiver | R&S | ESR26 | 101377 | Oct.17, 2022 | Oct.16, 2023 |
| <input checked="" type="checkbox"/> | Horn Antenna | TDK | HRN-0118 | 130940 | July 20, 2021 | July 19, 2024 |
| <input checked="" type="checkbox"/> | Horn Antenna | Schwarzbeck | BBHA9170 | 697 | July 20, 2021 | July 19, 2024 |
| <input checked="" type="checkbox"/> | Preamplifier | TDK | PA-02-0118 | TRS-305-00067 | Oct.17, 2022 | Oct.16, 2023 |
| <input checked="" type="checkbox"/> | Preamplifier | TDK | PA-02-2 | TRS-307-00003 | Oct.17, 2022 | Oct.16, 2023 |
| <input checked="" type="checkbox"/> | Loop antenna | Schwarzbeck | 1519B | 00008 | Dec.14, 2021 | Dec.13, 2024 |
| <input checked="" type="checkbox"/> | High Pass Filter | Wi | WHKX10-2700-3000-18000-40SS | 23 | Oct.17, 2022 | Oct.16, 2023 |
| Software | | | | | | |
| Used | Description | Manufacturer | Name | Version | | |
| <input checked="" type="checkbox"/> | Test Software for Radiated disturbance | Farad | EZ-EMC | Ver. UL-3A1 | | |

7. ANTENNA TERMINAL TEST RESULTS

7.1. EFFECTIVE (ISOTROPIC) RADIATED POWER OF TRANSMITTER

RULE PART(S)

FCC: §2.1046, §22.913, §24.232, §27.50

LIMITS

22.913(a) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

24.232(c) Mobile/portable stations are limited to 2 watts e.i.r.p. peak power and the equipment must employ means to limit the power to the minimum necessary for successful communications.

27.50(c) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

27.50(d) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watts EIRP.

27.50(h) Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

In addition, when the transmitter power is measured in terms of average value, the peak-to-average ratio of the power shall not exceed 13 dB.

TEST PROCEDURE

Refer to ANSI C63.26:2015 and KDB 971168 D01 Section 5.6

$ERP/ EIRP = P_{Meas} + GT - LC$

where:

ERP or EIRP = effective or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm);

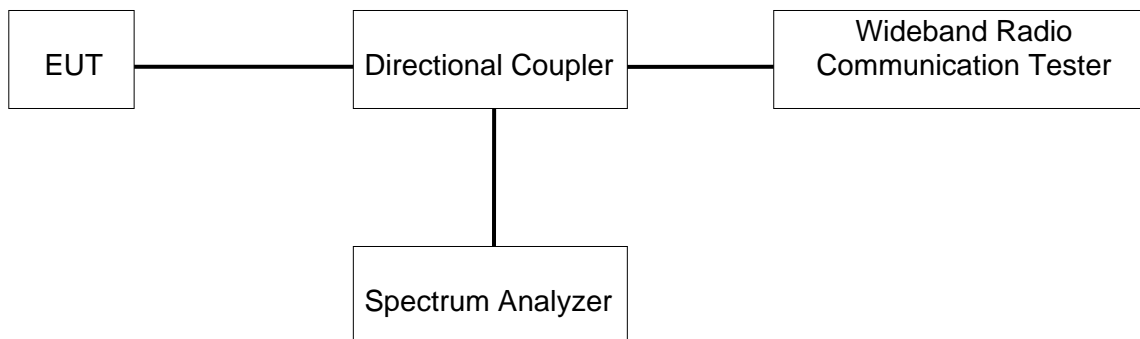
P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB

The transmitter has a maximum radiated ERP / EIRP output powers as follows:

TEST SETUP



TEST ENVIRONMENT

| | | | |
|---------------------|--------|-------------------|----------|
| Temperature | 23.4°C | Relative Humidity | 57.2% |
| Atmosphere Pressure | 101kPa | Test Voltage | DC 7.2 V |

RESULTS

Please refer to Appendix A.

7.2. PEAK TO AVERAGE RADIO

LIMITS

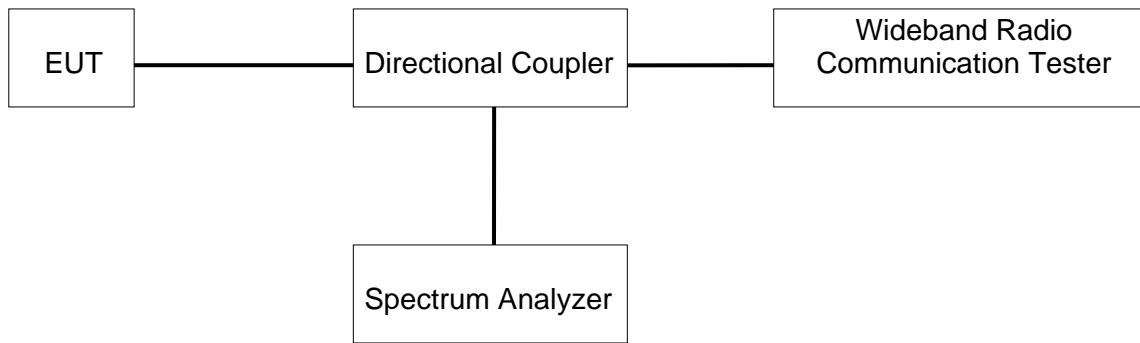
In addition, when the transmitter power is measured in terms of average value, the peak-to-average ratio of the power shall not exceed 13 dB.

TEST PROCEDURE

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01;

The transmitter output was connected to a CMW500 Test Set and configured to operate at maximum power. The PAR was measured on the Spectrum Analyzer.

TEST SETUP



TEST ENVIRONMENT

| | | | |
|---------------------|--------|-------------------|----------|
| Temperature | 23.4°C | Relative Humidity | 57.2% |
| Atmosphere Pressure | 101kPa | Test Voltage | DC 7.2 V |

RESULTS

Middle was used to measure as the worst case. The results from all CCDF plots are passed with 13dB peak-to-average power ratio criteria.

Please refer to Appendix B.

7.3. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

LIMITS

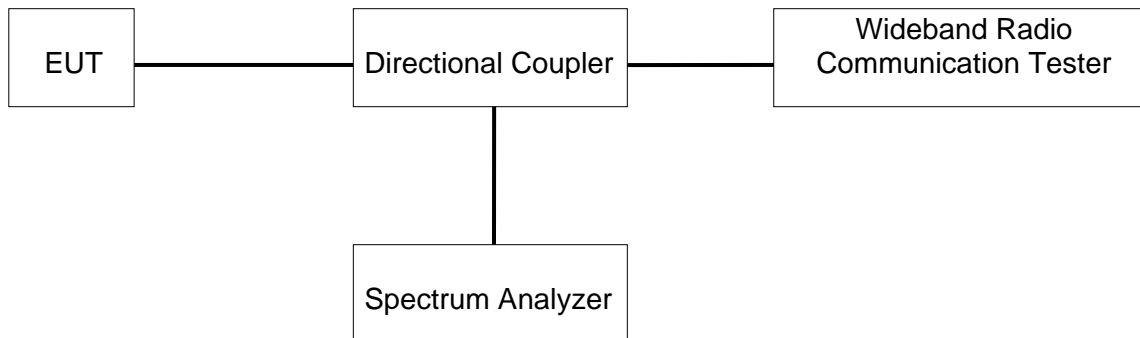
For reporting purposes only.

TEST PROCEDURE

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer. The occupied bandwidth was measured with the spectrum analyzer at the low, middle and high channel in each band. The -26dB bandwidth was also measured and recorded.

(Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01)

TEST SETUP



TEST ENVIRONMENT

| | | | |
|---------------------|--------|-------------------|----------|
| Temperature | 23.4°C | Relative Humidity | 57.2% |
| Atmosphere Pressure | 101kPa | Test Voltage | DC 7.2 V |

RESULTS

There is no limit required and power is the same for low, middle and high channel, therefore, only middle channel was tested.

Please refer to Appendix C.

7.4. BAND EDGE EMISSIONS

RULE PART(S)

FCC §2.1051, §22.917, §24.238, §27.53

LIMITS

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

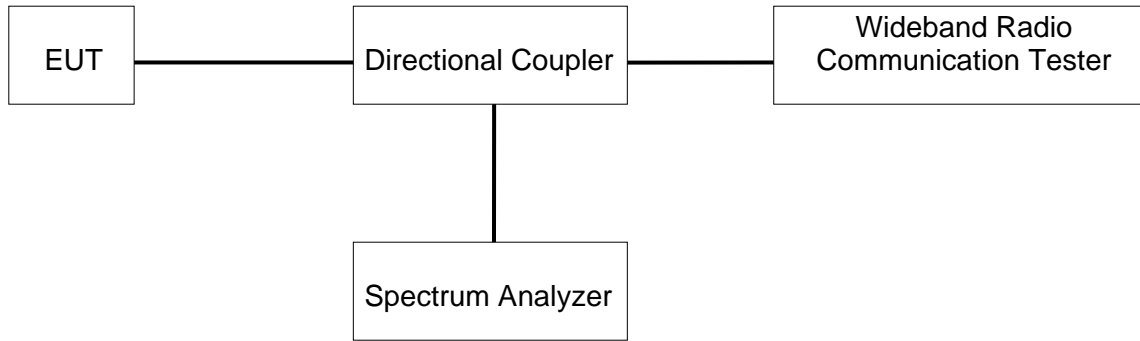
TEST PROCEDURE

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01

The transmitter output was connected to a CMW500 Test Set and configured to operate at maximum power.

The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

- a) Set the RBW = 1 ~ 1.5 % of OBW (Typically limited to a minimum RBW of 1% of the OBW)
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span ≥ 1.5 times the OBW;
- d) Sweep time = Auto;
- e) Detector = RMS;
- f) Ensure that the number of measurement points $\geq 2 \times$ Span/RBW;
- g) Trace mode = Average (100);

TEST SETUP

TEST ENVIRONMENT

| | | | |
|---------------------|--------|-------------------|----------|
| Temperature | 23.4°C | Relative Humidity | 57.2% |
| Atmosphere Pressure | 101kPa | Test Voltage | DC 7.2 V |

RESULTS

Please refer to Appendix D.

7.5. SPURIOUS EMISSION AT ANTENNA TERMINAL

RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238, §27.53

LIMITS

FCC: §22.901, §22.917, §24.238

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

TEST PROCEDURE

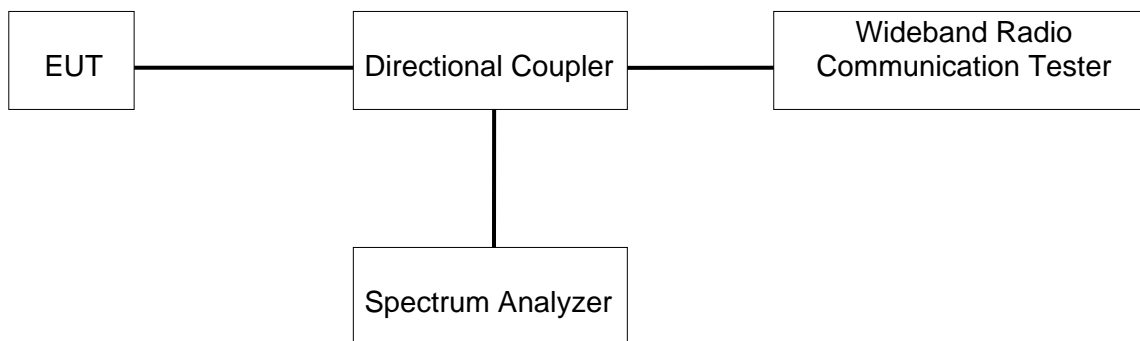
Per KDB 971168 D01 Power Meas License Digital Systems v03r01

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

- a) Set the RBW = 100 kHz for emission below 1GHz and 1MHz for emissions above 1GHz
(Tests were performed 1 MHz [Worst case], to sweep 1 time for all frequency range)
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span ≥ 1.5 times the OBW;
- d) Sweep time = auto couple;
- e) Detector = rms;
- f) Ensure that the number of measurement points = Max (40001);
- g) Trace mode = average (LTE 5), Maxhold (LTE Band7);

Note: Please refer to section 5.4 for bandwidth and RB setting about LTE bands.

TEST SETUP



TEST ENVIRONMENT

| | | | |
|---------------------|--------|-------------------|----------|
| Temperature | 23.4°C | Relative Humidity | 57.2% |
| Atmosphere Pressure | 101kPa | Test Voltage | DC 7.2 V |

RESULTS

Please refer to Appendix E.

7.6. FREQUENCY STABILITY

Rule Part:

FCC: §2.1055, §22.355, §24.235, §27.54

LIMITS

§22.355 - The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

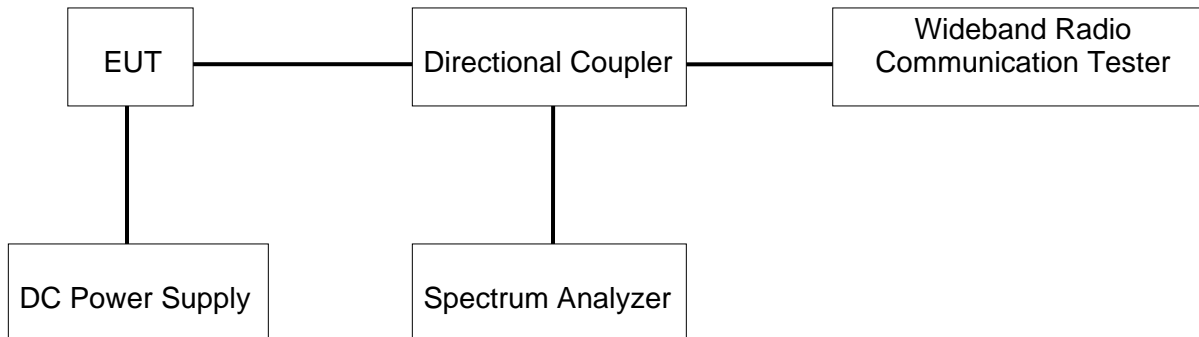
§24.235 and §27.54 - The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

TEST PROCEDURE

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01.

| | Normal Test Conditions | Extreme Test Conditions |
|----------------------|---|--|
| Relative Humidity | 45 % - 75 % | / |
| Atmospheric Pressure | 100 kPa ~102 kPa | / |
| Temperature | T _N (Normal Temperature): 24.7 °C | T _L (Low Temperature): -30 °C |
| | | T _H (High Temperature): 50 °C |
| Supply Voltage | V _N (Normal Voltage): DC 7.2 V | V _L (Low Voltage): DC 6.1V |
| | | V _H (High Voltage): DC 8.3 V |

TEST SETUP



RESULTS

The peak frequency error is recorded (worst-case).

Please refer to Appendix F.

8. APPENDIX

8.1. Appendix A: Effective (Isotropic) Radiated Power Output Data

| LTE FDD B2 | | | Conducted Power(dBm) | | | EIRP (W) | | | |
|------------|------------|---------|----------------------|---------|---------|----------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 18607 | 18900 | 19193 | 18607 | 18900 | 19193 |
| 1.4MHz | QPSK | 1 | 0 | 21.20 | 21.24 | 21.31 | 0.173 | 0.175 | 0.178 |
| | | 1 | 2 | 21.38 | 21.58 | 21.16 | 0.181 | 0.189 | 0.172 |
| | | 1 | 5 | 21.19 | 20.93 | 20.79 | 0.173 | 0.163 | 0.158 |
| | | 3 | 0 | 20.39 | 20.33 | 19.96 | 0.144 | 0.142 | 0.130 |
| | | 3 | 1 | 20.63 | 20.30 | 19.99 | 0.152 | 0.141 | 0.131 |
| | | 3 | 3 | 20.37 | 20.16 | 19.89 | 0.143 | 0.136 | 0.128 |
| | 16QAM | 6 | 0 | 20.38 | 20.22 | 20.02 | 0.144 | 0.138 | 0.132 |
| | | 1 | 0 | 20.44 | 20.41 | 20.27 | 0.146 | 0.145 | 0.140 |
| | | 1 | 2 | 20.94 | 20.37 | 20.27 | 0.163 | 0.143 | 0.140 |
| | | 1 | 5 | 20.38 | 19.91 | 20.05 | 0.144 | 0.129 | 0.133 |
| | | 3 | 0 | 19.62 | 19.68 | 19.28 | 0.121 | 0.122 | 0.111 |
| | | 3 | 1 | 19.66 | 19.45 | 18.99 | 0.122 | 0.116 | 0.104 |
| | | 3 | 3 | 19.54 | 19.48 | 18.88 | 0.118 | 0.117 | 0.102 |
| | | 6 | 0 | 19.34 | 19.41 | 19.02 | 0.113 | 0.115 | 0.105 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 18615 | 18900 | 19185 | 18615 | 18900 | 19185 |
| 3MHz | QPSK | 1 | 0 | 21.51 | 21.26 | 21.11 | 0.186 | 0.176 | 0.170 |
| | | 1 | 8 | 21.66 | 21.55 | 21.31 | 0.193 | 0.188 | 0.178 |
| | | 1 | 14 | 21.14 | 21.07 | 21.03 | 0.171 | 0.168 | 0.167 |
| | | 8 | 0 | 20.50 | 20.28 | 20.20 | 0.148 | 0.140 | 0.138 |
| | | 8 | 4 | 20.74 | 20.31 | 20.11 | 0.156 | 0.141 | 0.135 |
| | | 8 | 7 | 20.30 | 20.49 | 20.06 | 0.141 | 0.147 | 0.133 |
| | 16QAM | 15 | 0 | 20.34 | 20.50 | 20.05 | 0.142 | 0.148 | 0.133 |
| | | 1 | 0 | 20.64 | 20.19 | 20.29 | 0.152 | 0.137 | 0.141 |
| | | 1 | 8 | 20.71 | 20.72 | 20.15 | 0.155 | 0.155 | 0.136 |
| | | 1 | 14 | 20.22 | 20.24 | 19.88 | 0.138 | 0.139 | 0.128 |
| | | 8 | 0 | 19.71 | 19.46 | 19.32 | 0.123 | 0.116 | 0.112 |
| | | 8 | 4 | 19.58 | 19.48 | 19.33 | 0.119 | 0.117 | 0.113 |
| | | 8 | 7 | 19.47 | 19.43 | 19.09 | 0.116 | 0.115 | 0.107 |
| | | 15 | 0 | 19.34 | 19.63 | 18.92 | 0.113 | 0.121 | 0.103 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 18625 | 18900 | 19175 | 18625 | 18900 | 19175 |
| 5MHz | QPSK | 1 | 0 | 21.20 | 20.96 | 21.07 | 0.173 | 0.164 | 0.168 |
| | | 1 | 12 | 21.47 | 21.37 | 21.23 | 0.185 | 0.180 | 0.175 |
| | | 1 | 24 | 21.44 | 20.98 | 21.00 | 0.183 | 0.165 | 0.166 |
| | | 12 | 0 | 20.65 | 20.47 | 20.33 | 0.153 | 0.147 | 0.142 |
| | | 12 | 6 | 20.55 | 20.69 | 20.15 | 0.149 | 0.154 | 0.136 |
| | | 12 | 13 | 20.32 | 20.36 | 19.71 | 0.142 | 0.143 | 0.123 |
| | 16QAM | 25 | 0 | 20.60 | 20.55 | 19.96 | 0.151 | 0.149 | 0.130 |
| | | 1 | 0 | 20.66 | 20.26 | 19.90 | 0.153 | 0.140 | 0.129 |
| | | 1 | 12 | 20.66 | 20.63 | 20.29 | 0.153 | 0.152 | 0.141 |
| | | 1 | 24 | 20.27 | 20.20 | 20.12 | 0.140 | 0.138 | 0.135 |
| | | 12 | 0 | 19.56 | 19.65 | 19.26 | 0.119 | 0.121 | 0.111 |
| | | 12 | 6 | 19.58 | 19.64 | 19.20 | 0.119 | 0.121 | 0.109 |

| | | | | | | | | | |
|------------------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 12 | 13 | 19.55 | 19.58 | 18.71 | 0.119 | 0.119 | 0.098 |
| | | 25 | 0 | 19.25 | 19.25 | 18.97 | 0.111 | 0.111 | 0.104 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 18650 | 18900 | 19150 | 18650 | 18900 | 19150 |
| 10MHz | QPSK | 1 | 0 | 21.50 | 21.32 | 21.19 | 0.186 | 0.178 | 0.173 |
| | | 1 | 24 | 21.63 | 21.33 | 21.16 | 0.191 | 0.179 | 0.172 |
| | | 1 | 49 | 21.14 | 20.87 | 20.91 | 0.171 | 0.161 | 0.162 |
| | | 25 | 0 | 20.70 | 20.46 | 20.04 | 0.155 | 0.146 | 0.133 |
| | | 25 | 12 | 20.45 | 20.51 | 20.13 | 0.146 | 0.148 | 0.136 |
| | | 25 | 25 | 20.45 | 20.42 | 19.82 | 0.146 | 0.145 | 0.126 |
| | | 50 | 0 | 20.52 | 20.29 | 20.14 | 0.148 | 0.141 | 0.136 |
| | 16QAM | 1 | 0 | 20.45 | 20.16 | 19.96 | 0.146 | 0.136 | 0.130 |
| | | 1 | 24 | 20.93 | 20.74 | 20.11 | 0.163 | 0.156 | 0.135 |
| | | 1 | 49 | 20.45 | 20.12 | 19.99 | 0.146 | 0.135 | 0.131 |
| | | 25 | 0 | 19.71 | 19.59 | 19.02 | 0.123 | 0.120 | 0.105 |
| | | 25 | 12 | 19.50 | 19.70 | 19.06 | 0.117 | 0.123 | 0.106 |
| | | 25 | 25 | 19.34 | 19.54 | 18.81 | 0.113 | 0.118 | 0.100 |
| | | 50 | 0 | 19.52 | 19.38 | 19.07 | 0.118 | 0.114 | 0.106 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 18675 | 18900 | 19125 | 18675 | 18900 | 19125 |
| 15MHz | QPSK | 1 | 0 | 21.13 | 21.20 | 21.07 | 0.171 | 0.173 | 0.168 |
| | | 1 | 38 | 21.68 | 21.33 | 21.52 | 0.194 | 0.179 | 0.187 |
| | | 1 | 74 | 21.22 | 21.13 | 20.99 | 0.174 | 0.171 | 0.165 |
| | | 36 | 0 | 20.54 | 20.55 | 20.15 | 0.149 | 0.149 | 0.136 |
| | | 36 | 18 | 20.73 | 20.64 | 20.31 | 0.156 | 0.152 | 0.141 |
| | | 36 | 37 | 20.40 | 20.38 | 19.86 | 0.144 | 0.144 | 0.127 |
| | | 75 | 0 | 20.63 | 20.35 | 20.02 | 0.152 | 0.143 | 0.132 |
| | 16QAM | 1 | 0 | 20.29 | 20.28 | 19.96 | 0.141 | 0.140 | 0.130 |
| | | 1 | 38 | 20.89 | 20.42 | 20.16 | 0.161 | 0.145 | 0.136 |
| | | 1 | 74 | 20.19 | 19.91 | 19.82 | 0.137 | 0.129 | 0.126 |
| | | 36 | 0 | 19.40 | 19.71 | 19.21 | 0.115 | 0.123 | 0.110 |
| | | 36 | 18 | 19.52 | 19.40 | 19.01 | 0.118 | 0.115 | 0.105 |
| | | 36 | 37 | 19.27 | 19.40 | 18.99 | 0.111 | 0.115 | 0.104 |
| | | 75 | 0 | 19.40 | 19.61 | 18.89 | 0.115 | 0.120 | 0.102 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 18700 | 18900 | 19100 | 18700 | 18900 | 19100 |
| 20MHz | QPSK | 1 | 0 | 21.62 | 21.44 | 21.44 | 0.191 | 0.183 | 0.183 |
| | | 1 | 49 | 21.86 | 21.76 | 21.64 | 0.202 | 0.197 | 0.192 |
| | | 1 | 99 | 21.54 | 21.35 | 21.19 | 0.187 | 0.179 | 0.173 |
| | | 50 | 0 | 20.85 | 20.71 | 20.43 | 0.160 | 0.155 | 0.145 |
| | | 50 | 25 | 20.85 | 20.80 | 20.44 | 0.160 | 0.158 | 0.146 |
| | | 50 | 50 | 20.67 | 20.65 | 20.19 | 0.153 | 0.153 | 0.137 |
| | | 100 | 0 | 20.76 | 20.68 | 20.30 | 0.157 | 0.154 | 0.141 |
| | 16QAM | 1 | 0 | 20.76 | 20.51 | 20.39 | 0.157 | 0.148 | 0.144 |
| | | 1 | 49 | 21.08 | 20.84 | 20.60 | 0.169 | 0.160 | 0.151 |
| | | 1 | 99 | 20.69 | 20.40 | 20.24 | 0.154 | 0.144 | 0.139 |
| | | 50 | 0 | 19.90 | 19.81 | 19.44 | 0.129 | 0.126 | 0.116 |
| | | 50 | 25 | 19.90 | 19.83 | 19.43 | 0.129 | 0.126 | 0.115 |
| | | 50 | 50 | 19.73 | 19.71 | 19.19 | 0.124 | 0.123 | 0.109 |
| | | 100 | 0 | 19.75 | 19.74 | 19.34 | 0.124 | 0.124 | 0.113 |

| LTE FDD B4 | | | Conducted Power(dBm) | | | | EIRP (W) | | |
|------------|------------|---------|----------------------|---------|---------|---------|----------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 19957 | 20175 | 20393 | 19957 | 20175 | 20393 |
| 1.4MHz | QPSK | 1 | 0 | 21.68 | 21.98 | 22.06 | 0.166 | 0.178 | 0.182 |
| | | 1 | 2 | 22.31 | 22.44 | 22.45 | 0.192 | 0.198 | 0.199 |
| | | 1 | 5 | 22.05 | 21.88 | 22.09 | 0.181 | 0.174 | 0.183 |
| | | 3 | 0 | 20.94 | 21.12 | 21.26 | 0.140 | 0.146 | 0.151 |
| | | 3 | 1 | 21.03 | 21.07 | 21.26 | 0.143 | 0.145 | 0.151 |
| | | 3 | 3 | 21.24 | 21.09 | 21.16 | 0.150 | 0.145 | 0.148 |
| | | 6 | 0 | 21.1 | 21.14 | 21.21 | 0.146 | 0.147 | 0.149 |
| | 16QAM | 1 | 0 | 20.48 | 20.97 | 20.81 | 0.126 | 0.141 | 0.136 |
| | | 1 | 2 | 21.14 | 21.21 | 21 | 0.147 | 0.149 | 0.142 |
| | | 1 | 5 | 20.89 | 20.9 | 20.78 | 0.139 | 0.139 | 0.135 |
| | | 3 | 0 | 19.69 | 19.86 | 20.17 | 0.105 | 0.109 | 0.117 |
| | | 3 | 1 | 19.76 | 19.89 | 19.94 | 0.107 | 0.110 | 0.111 |
| | | 3 | 3 | 19.95 | 19.81 | 20.02 | 0.112 | 0.108 | 0.114 |
| | | 6 | 0 | 20.07 | 19.8 | 20.05 | 0.115 | 0.108 | 0.114 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 19965 | 20175 | 20385 | 19965 | 20175 | 20385 |
| 3MHz | QPSK | 1 | 0 | 21.4 | 21.73 | 21.84 | 0.156 | 0.168 | 0.173 |
| | | 1 | 8 | 21.98 | 22.09 | 22.3 | 0.178 | 0.183 | 0.192 |
| | | 1 | 14 | 21.88 | 21.6 | 21.69 | 0.174 | 0.163 | 0.167 |
| | | 8 | 0 | 20.8 | 20.74 | 20.98 | 0.136 | 0.134 | 0.142 |
| | | 8 | 4 | 20.86 | 20.96 | 21.01 | 0.138 | 0.141 | 0.143 |
| | | 8 | 7 | 20.96 | 20.73 | 21.06 | 0.141 | 0.134 | 0.144 |
| | | 15 | 0 | 20.75 | 20.79 | 21.11 | 0.134 | 0.136 | 0.146 |
| | 16QAM | 1 | 0 | 20.33 | 20.98 | 20.82 | 0.122 | 0.142 | 0.136 |
| | | 1 | 8 | 21.18 | 21.09 | 21.16 | 0.148 | 0.145 | 0.148 |
| | | 1 | 14 | 20.79 | 20.74 | 20.93 | 0.136 | 0.134 | 0.140 |
| | | 8 | 0 | 19.78 | 19.86 | 20.15 | 0.107 | 0.109 | 0.117 |
| | | 8 | 4 | 19.79 | 19.83 | 19.99 | 0.108 | 0.109 | 0.113 |
| | | 8 | 7 | 19.99 | 19.98 | 19.95 | 0.113 | 0.112 | 0.112 |
| | | 15 | 0 | 19.77 | 19.98 | 20.03 | 0.107 | 0.112 | 0.114 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 19975 | 20175 | 20375 | 19975 | 20175 | 20375 |
| 5MHz | QPSK | 1 | 0 | 21.52 | 21.81 | 21.82 | 0.160 | 0.171 | 0.172 |
| | | 1 | 12 | 22.08 | 22.33 | 22.31 | 0.182 | 0.193 | 0.192 |
| | | 1 | 24 | 21.89 | 21.7 | 21.99 | 0.175 | 0.167 | 0.179 |
| | | 12 | 0 | 20.72 | 20.75 | 21.14 | 0.133 | 0.134 | 0.147 |
| | | 12 | 6 | 20.86 | 20.84 | 21.06 | 0.138 | 0.137 | 0.144 |
| | | 12 | 13 | 21.13 | 20.74 | 21.05 | 0.147 | 0.134 | 0.144 |
| | | 25 | 0 | 20.82 | 20.99 | 20.94 | 0.136 | 0.142 | 0.140 |
| | 16QAM | 1 | 0 | 20.55 | 20.94 | 20.96 | 0.128 | 0.140 | 0.141 |
| | | 1 | 12 | 20.95 | 21.38 | 21.09 | 0.141 | 0.155 | 0.145 |
| | | 1 | 24 | 20.84 | 20.88 | 20.85 | 0.137 | 0.138 | 0.137 |
| | | 12 | 0 | 19.76 | 20.04 | 20.07 | 0.107 | 0.114 | 0.115 |
| | | 12 | 6 | 19.89 | 19.77 | 19.88 | 0.110 | 0.107 | 0.110 |
| | | 12 | 13 | 19.87 | 19.95 | 20.06 | 0.110 | 0.112 | 0.115 |
| | | 25 | 0 | 19.8 | 19.76 | 19.95 | 0.108 | 0.107 | 0.112 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |

| Bandwidth | Modulation | RB size | RB offset | 20000 | 20175 | 20350 | 20000 | 20175 | 20350 |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | | | Channel | Channel | Channel | Channel | Channel | Channel |
| 10MHz | QPSK | 1 | 0 | 21.46 | 21.8 | 21.72 | 0.158 | 0.171 | 0.168 |
| | | 1 | 24 | 22 | 22.24 | 22.09 | 0.179 | 0.189 | 0.183 |
| | | 1 | 49 | 21.92 | 21.75 | 21.93 | 0.176 | 0.169 | 0.176 |
| | | 25 | 0 | 20.65 | 21.01 | 21.05 | 0.131 | 0.143 | 0.144 |
| | | 25 | 12 | 20.66 | 20.7 | 21.09 | 0.132 | 0.133 | 0.145 |
| | | 25 | 25 | 21.06 | 20.85 | 20.92 | 0.144 | 0.137 | 0.140 |
| | | 50 | 0 | 20.89 | 20.95 | 20.98 | 0.139 | 0.141 | 0.142 |
| | 16QAM | 1 | 0 | 20.58 | 20.86 | 20.75 | 0.129 | 0.138 | 0.134 |
| | | 1 | 24 | 21.16 | 21.1 | 21.14 | 0.148 | 0.146 | 0.147 |
| | | 1 | 49 | 20.67 | 20.81 | 20.72 | 0.132 | 0.136 | 0.133 |
| | | 25 | 0 | 19.85 | 19.74 | 20.18 | 0.109 | 0.106 | 0.118 |
| | | 25 | 12 | 19.61 | 19.9 | 20.08 | 0.103 | 0.110 | 0.115 |
| | | 25 | 25 | 20.12 | 19.81 | 20.02 | 0.116 | 0.108 | 0.114 |
| | | 50 | 0 | 20.06 | 19.93 | 19.89 | 0.115 | 0.111 | 0.110 |
| 15MHz | QPSK | 1 | 0 | 21.34 | 21.54 | 21.65 | 0.154 | 0.161 | 0.165 |
| | | 1 | 38 | 22.06 | 22.04 | 22.23 | 0.182 | 0.181 | 0.189 |
| | | 1 | 74 | 21.9 | 21.42 | 21.76 | 0.175 | 0.157 | 0.169 |
| | | 36 | 0 | 20.55 | 21 | 20.94 | 0.128 | 0.142 | 0.140 |
| | | 36 | 18 | 20.78 | 20.57 | 20.89 | 0.135 | 0.129 | 0.139 |
| | | 36 | 37 | 21.06 | 20.98 | 20.95 | 0.144 | 0.142 | 0.141 |
| | | 75 | 0 | 20.61 | 20.99 | 20.92 | 0.130 | 0.142 | 0.140 |
| | 16QAM | 1 | 0 | 20.53 | 20.71 | 20.71 | 0.128 | 0.133 | 0.133 |
| | | 1 | 38 | 20.88 | 21.04 | 21.1 | 0.138 | 0.144 | 0.146 |
| | | 1 | 74 | 20.7 | 20.59 | 20.73 | 0.133 | 0.129 | 0.134 |
| | | 36 | 0 | 19.73 | 19.72 | 19.84 | 0.106 | 0.106 | 0.109 |
| | | 36 | 18 | 19.7 | 19.91 | 19.92 | 0.105 | 0.111 | 0.111 |
| | | 36 | 37 | 19.73 | 19.79 | 19.86 | 0.106 | 0.108 | 0.109 |
| | | 75 | 0 | 19.95 | 19.78 | 19.77 | 0.112 | 0.107 | 0.107 |
| 20MHz | QPSK | 1 | 0 | 21.68 | 21.98 | 22.06 | 0.166 | 0.178 | 0.182 |
| | | 1 | 49 | 22.31 | 22.44 | 22.45 | 0.192 | 0.198 | 0.199 |
| | | 1 | 99 | 22.05 | 21.88 | 22.09 | 0.181 | 0.174 | 0.183 |
| | | 50 | 0 | 20.94 | 21.12 | 21.26 | 0.140 | 0.146 | 0.151 |
| | | 50 | 25 | 21.03 | 21.07 | 21.26 | 0.143 | 0.145 | 0.151 |
| | | 50 | 50 | 21.24 | 21.09 | 21.16 | 0.150 | 0.145 | 0.148 |
| | | 100 | 0 | 21.1 | 21.14 | 21.21 | 0.146 | 0.147 | 0.149 |
| | 16QAM | 1 | 0 | 20.71 | 21.14 | 21.07 | 0.133 | 0.147 | 0.145 |
| | | 1 | 49 | 21.29 | 21.49 | 21.31 | 0.152 | 0.159 | 0.153 |
| | | 1 | 99 | 21.05 | 21.06 | 21.04 | 0.144 | 0.144 | 0.144 |
| | | 50 | 0 | 20.02 | 20.14 | 20.31 | 0.114 | 0.117 | 0.121 |
| | | 50 | 25 | 20.01 | 20.16 | 20.24 | 0.113 | 0.117 | 0.119 |
| | | 50 | 50 | 20.23 | 20.18 | 20.22 | 0.119 | 0.118 | 0.119 |
| | | 100 | 0 | 20.17 | 20.14 | 20.24 | 0.117 | 0.117 | 0.119 |

| LTE FDD B5 | | | Conducted Power(dBm) | | | | ERP (W) | | |
|------------|------------|---------|----------------------|---------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 20407 | 20525 | 20643 | 20407 | 20525 | 20643 |
| 1.4MHz | QPSK | 1 | 0 | 22.25 | 22.46 | 22.45 | 0.097 | 0.102 | 0.102 |
| | | 1 | 2 | 22.64 | 22.49 | 22.66 | 0.106 | 0.103 | 0.107 |
| | | 1 | 5 | 22.58 | 22.49 | 22.44 | 0.105 | 0.103 | 0.101 |
| | | 3 | 0 | 21.49 | 21.53 | 21.65 | 0.081 | 0.082 | 0.085 |
| | | 3 | 1 | 21.52 | 21.49 | 21.65 | 0.082 | 0.081 | 0.085 |
| | | 3 | 3 | 21.50 | 21.72 | 21.63 | 0.082 | 0.086 | 0.084 |
| | | 6 | 0 | 21.59 | 21.67 | 21.58 | 0.083 | 0.085 | 0.083 |
| | 16QAM | 1 | 0 | 21.64 | 21.71 | 21.88 | 0.084 | 0.086 | 0.089 |
| | | 1 | 2 | 21.71 | 21.91 | 21.94 | 0.086 | 0.090 | 0.090 |
| | | 1 | 5 | 21.60 | 21.64 | 21.63 | 0.084 | 0.084 | 0.084 |
| | | 3 | 0 | 20.34 | 20.65 | 20.73 | 0.063 | 0.067 | 0.068 |
| | | 3 | 1 | 20.31 | 20.81 | 20.70 | 0.062 | 0.070 | 0.068 |
| | | 3 | 3 | 20.45 | 20.75 | 20.86 | 0.064 | 0.069 | 0.070 |
| | | 6 | 0 | 20.46 | 20.63 | 20.64 | 0.064 | 0.110 | 0.067 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 20415 | 20525 | 20635 | 20415 | 20525 | 20635 |
| 3MHz | QPSK | 1 | 0 | 22.21 | 22.36 | 22.51 | 0.096 | 0.100 | 0.103 |
| | | 1 | 8 | 22.40 | 22.68 | 22.53 | 0.100 | 0.107 | 0.104 |
| | | 1 | 14 | 22.37 | 22.49 | 22.66 | 0.100 | 0.103 | 0.107 |
| | | 8 | 0 | 21.45 | 21.55 | 21.70 | 0.081 | 0.083 | 0.086 |
| | | 8 | 4 | 21.44 | 21.62 | 21.78 | 0.081 | 0.084 | 0.087 |
| | | 8 | 7 | 21.59 | 21.64 | 21.62 | 0.083 | 0.084 | 0.084 |
| | | 15 | 0 | 21.43 | 21.56 | 21.78 | 0.080 | 0.083 | 0.087 |
| | 16QAM | 1 | 0 | 21.64 | 21.69 | 21.89 | 0.084 | 0.085 | 0.089 |
| | | 1 | 8 | 21.76 | 21.73 | 21.97 | 0.087 | 0.086 | 0.091 |
| | | 1 | 14 | 21.56 | 21.71 | 21.82 | 0.083 | 0.086 | 0.088 |
| | | 8 | 0 | 20.44 | 20.70 | 20.67 | 0.064 | 0.068 | 0.067 |
| | | 8 | 4 | 20.49 | 20.69 | 20.87 | 0.065 | 0.068 | 0.071 |
| | | 8 | 7 | 20.37 | 20.75 | 20.88 | 0.063 | 0.069 | 0.071 |
| | | 15 | 0 | 20.60 | 20.66 | 20.66 | 0.066 | 0.110 | 0.067 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 20425 | 20525 | 20625 | 20425 | 20525 | 20625 |
| 5MHz | QPSK | 1 | 0 | 22.20 | 22.53 | 22.53 | 0.096 | 0.104 | 0.104 |
| | | 1 | 12 | 22.59 | 22.43 | 22.55 | 0.105 | 0.101 | 0.104 |
| | | 1 | 24 | 22.58 | 22.62 | 22.61 | 0.105 | 0.106 | 0.105 |
| | | 12 | 0 | 21.48 | 21.51 | 21.59 | 0.081 | 0.082 | 0.083 |
| | | 12 | 6 | 21.53 | 21.69 | 21.82 | 0.082 | 0.085 | 0.088 |
| | | 12 | 13 | 21.31 | 21.57 | 21.72 | 0.078 | 0.083 | 0.086 |
| | | 25 | 0 | 21.32 | 21.70 | 21.66 | 0.078 | 0.086 | 0.085 |
| | 16QAM | 1 | 0 | 21.42 | 21.71 | 21.63 | 0.080 | 0.086 | 0.084 |
| | | 1 | 12 | 21.75 | 21.77 | 21.97 | 0.086 | 0.087 | 0.091 |
| | | 1 | 24 | 21.53 | 21.57 | 21.86 | 0.082 | 0.083 | 0.089 |
| | | 12 | 0 | 20.40 | 20.81 | 20.77 | 0.063 | 0.070 | 0.069 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 20450 | 20525 | 20600 | 20450 | 20525 | 20600 | | |
| 10MHz | | 12 | 6 | 20.46 | 20.66 | 20.78 | 0.064 | 0.067 | 0.069 |
| | | 12 | 13 | 20.56 | 20.70 | 20.65 | 0.066 | 0.068 | 0.067 |
| | | 25 | 0 | 20.30 | 20.50 | 20.80 | 0.062 | 0.106 | 0.070 |
| | QPSK | 1 | 0 | 22.56 | 22.70 | 22.83 | 0.104 | 0.108 | 0.111 |
| | | 1 | 24 | 22.74 | 22.80 | 22.91 | 0.109 | 0.110 | 0.113 |
| | | 1 | 49 | 22.71 | 22.76 | 22.76 | 0.108 | 0.109 | 0.109 |
| | | 25 | 0 | 21.71 | 21.88 | 21.99 | 0.086 | 0.089 | 0.091 |
| | | 25 | 12 | 21.72 | 21.89 | 21.97 | 0.086 | 0.089 | 0.091 |
| | | 25 | 25 | 21.70 | 21.86 | 21.97 | 0.086 | 0.089 | 0.091 |
| | | 50 | 0 | 21.70 | 21.86 | 21.97 | 0.086 | 0.089 | 0.091 |
| | 16QAM | 1 | 0 | 21.78 | 21.88 | 22.03 | 0.087 | 0.089 | 0.092 |
| | | 1 | 24 | 21.86 | 22.01 | 22.23 | 0.089 | 0.092 | 0.097 |
| | | 1 | 49 | 21.92 | 21.97 | 22.00 | 0.090 | 0.091 | 0.092 |
| | | 25 | 0 | 20.69 | 20.97 | 21.05 | 0.068 | 0.072 | 0.074 |
| | | 25 | 12 | 20.68 | 20.98 | 21.02 | 0.068 | 0.072 | 0.073 |
| | | 25 | 25 | 20.70 | 20.90 | 20.98 | 0.068 | 0.071 | 0.072 |
| | | 50 | 0 | 20.70 | 20.90 | 21.03 | 0.068 | 0.117 | 0.073 |

| LTE FDD B7 | | | | Conducted Power(dBm) | | | EIRP (W) | | |
|------------------|-------------------|----------------|------------------|----------------------|----------------|----------------|----------------|----------------|----------------|
| | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 20775 | 21100 | 21425 | 20775 | 21100 | 21425 |
| 5MHz | QPSK | 1 | 0 | 21.05 | 21.07 | 20.92 | 0.203 | 0.204 | 0.197 |
| | | 1 | 12 | 21.16 | 20.95 | 20.95 | 0.208 | 0.198 | 0.198 |
| | | 1 | 24 | 20.82 | 20.3 | 20.39 | 0.192 | 0.171 | 0.174 |
| | | 12 | 0 | 19.97 | 19.63 | 19.81 | 0.158 | 0.146 | 0.152 |
| | | 12 | 6 | 19.92 | 19.76 | 19.77 | 0.156 | 0.151 | 0.151 |
| | | 12 | 13 | 20.08 | 19.7 | 19.69 | 0.162 | 0.149 | 0.148 |
| | | 25 | 0 | 20.26 | 19.59 | 19.67 | 0.169 | 0.145 | 0.148 |
| | 16QAM | 1 | 0 | 20.17 | 19.55 | 19.62 | 0.166 | 0.144 | 0.146 |
| | | 1 | 12 | 20 | 19.86 | 19.95 | 0.159 | 0.154 | 0.157 |
| | | 1 | 24 | 19.67 | 19.47 | 19.65 | 0.148 | 0.141 | 0.147 |
| | | 12 | 0 | 19.1 | 18.84 | 18.78 | 0.129 | 0.122 | 0.120 |
| | | 12 | 6 | 18.86 | 18.7 | 18.8 | 0.122 | 0.118 | 0.121 |
| | | 12 | 13 | 19.07 | 18.56 | 18.78 | 0.129 | 0.114 | 0.120 |
| | | 25 | 0 | 19.02 | 18.91 | 18.58 | 0.127 | 0.124 | 0.115 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 20800 | 21100 | 21400 | 20800 | 21100 | 21400 |
| 10MHz | QPSK | 1 | 0 | 20.91 | 21.14 | 20.98 | 0.196 | 0.207 | 0.200 |
| | | 1 | 24 | 21.07 | 20.83 | 20.7 | 0.204 | 0.193 | 0.187 |
| | | 1 | 49 | 20.73 | 20.33 | 20.45 | 0.188 | 0.172 | 0.177 |
| | | 25 | 0 | 20 | 19.67 | 19.57 | 0.159 | 0.148 | 0.144 |
| | | 25 | 12 | 19.91 | 19.72 | 19.63 | 0.156 | 0.149 | 0.146 |
| | | 25 | 25 | 20.16 | 19.72 | 19.67 | 0.165 | 0.149 | 0.148 |
| | | 50 | 0 | 20.08 | 19.77 | 19.6 | 0.162 | 0.151 | 0.145 |
| | 16QAM | 1 | 0 | 20.04 | 19.7 | 19.65 | 0.161 | 0.149 | 0.147 |
| | | 1 | 24 | 20 | 19.83 | 19.77 | 0.159 | 0.153 | 0.151 |
| | | 1 | 49 | 19.69 | 19.61 | 19.7 | 0.148 | 0.146 | 0.149 |
| | | 25 | 0 | 19.02 | 18.64 | 18.74 | 0.127 | 0.116 | 0.119 |
| | | 25 | 12 | 18.82 | 18.86 | 18.88 | 0.121 | 0.122 | 0.123 |
| | | 25 | 25 | 19.29 | 18.73 | 18.69 | 0.135 | 0.119 | 0.118 |
| | | 50 | 0 | 19.18 | 18.9 | 18.71 | 0.132 | 0.124 | 0.118 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 20825 | 21100 | 21375 | 20825 | 21100 | 21375 |
| 15MHz | QPSK | 1 | 0 | 20.94 | 21 | 21.12 | 0.198 | 0.200 | 0.206 |
| | | 1 | 38 | 21.03 | 20.96 | 20.78 | 0.202 | 0.199 | 0.191 |
| | | 1 | 74 | 20.69 | 20.3 | 20.46 | 0.187 | 0.171 | 0.177 |
| | | 36 | 0 | 19.96 | 19.79 | 19.66 | 0.158 | 0.152 | 0.147 |
| | | 36 | 18 | 19.81 | 19.77 | 19.67 | 0.152 | 0.151 | 0.148 |
| | | 36 | 37 | 19.99 | 19.92 | 19.64 | 0.159 | 0.156 | 0.147 |
| | | 75 | 0 | 20.29 | 19.66 | 19.6 | 0.170 | 0.147 | 0.145 |
| | 16QAM | 1 | 0 | 19.98 | 19.47 | 19.5 | 0.158 | 0.141 | 0.142 |
| | | 1 | 38 | 20 | 19.93 | 19.93 | 0.159 | 0.157 | 0.157 |
| | | 1 | 74 | 19.52 | 19.58 | 19.71 | 0.143 | 0.145 | 0.149 |

| | | | | | | | | | |
|------------------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 36 | 0 | 18.98 | 18.81 | 18.63 | 0.126 | 0.121 | 0.116 |
| | | 36 | 18 | 18.78 | 18.82 | 18.86 | 0.120 | 0.121 | 0.122 |
| | | 36 | 37 | 19.37 | 18.54 | 18.68 | 0.138 | 0.114 | 0.117 |
| | | 75 | 0 | 19.19 | 18.83 | 18.74 | 0.132 | 0.122 | 0.119 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 20850 | 21100 | 21350 | 20850 | 21100 | 21350 |
| 20MHz | QPSK | 1 | 0 | 21.21 | 21.24 | 21.25 | 0.210 | 0.212 | 0.212 |
| | | 1 | 49 | 21.39 | 21.16 | 21.05 | 0.219 | 0.208 | 0.203 |
| | | 1 | 99 | 21 | 20.7 | 20.78 | 0.200 | 0.187 | 0.191 |
| | | 50 | 0 | 20.23 | 19.98 | 19.92 | 0.168 | 0.158 | 0.156 |
| | | 50 | 25 | 20.15 | 20.11 | 20 | 0.165 | 0.163 | 0.159 |
| | | 50 | 50 | 20.39 | 20.02 | 19.89 | 0.174 | 0.160 | 0.155 |
| | | 100 | 0 | 20.39 | 19.94 | 19.93 | 0.174 | 0.157 | 0.157 |
| | 16QAM | 1 | 0 | 20.31 | 19.86 | 19.85 | 0.171 | 0.154 | 0.154 |
| | | 1 | 49 | 20.38 | 20.22 | 20.11 | 0.174 | 0.167 | 0.163 |
| | | 1 | 99 | 19.89 | 19.76 | 19.83 | 0.155 | 0.151 | 0.153 |
| | | 50 | 0 | 19.29 | 19.04 | 18.96 | 0.135 | 0.128 | 0.125 |
| | | 50 | 25 | 18.96 | 19.03 | 18.99 | 0.125 | 0.127 | 0.126 |
| | | 50 | 50 | 19.47 | 18.93 | 18.88 | 0.141 | 0.124 | 0.123 |
| | | 100 | 0 | 19.4 | 19.01 | 18.92 | 0.139 | 0.127 | 0.124 |

| LTE FDD B12 | | | Conducted Power(dBm) | | | | ERP (W) | | |
|-------------|------------|---------|----------------------|---------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 23017 | 23095 | 23173 | 23017 | 23095 | 23173 |
| 1.4MHz | QPSK | 1 | 0 | 22.14 | 22.1 | 22.19 | 0.065 | 0.064 | 0.066 |
| | | 1 | 2 | 22.32 | 22.33 | 22.33 | 0.068 | 0.068 | 0.068 |
| | | 1 | 5 | 22.31 | 22.34 | 22.41 | 0.067 | 0.068 | 0.069 |
| | | 3 | 0 | 21.13 | 21.36 | 21.08 | 0.051 | 0.054 | 0.051 |
| | | 3 | 1 | 21.3 | 21.25 | 21.23 | 0.053 | 0.053 | 0.053 |
| | | 3 | 3 | 21.33 | 21.32 | 21.13 | 0.054 | 0.054 | 0.051 |
| | | 6 | 0 | 21.27 | 21.24 | 21.23 | 0.053 | 0.053 | 0.053 |
| | 16QAM | 1 | 0 | 21.22 | 21.01 | 21.26 | 0.052 | 0.050 | 0.053 |
| | | 1 | 2 | 21.59 | 21.32 | 21.43 | 0.057 | 0.054 | 0.055 |
| | | 1 | 5 | 21.29 | 21.27 | 21.46 | 0.053 | 0.053 | 0.055 |
| | | 3 | 0 | 20.4 | 20.31 | 20.34 | 0.043 | 0.043 | 0.043 |
| | | 3 | 1 | 20.3 | 20.2 | 20.06 | 0.042 | 0.041 | 0.040 |
| | | 3 | 3 | 20.23 | 20.37 | 20.23 | 0.042 | 0.043 | 0.042 |
| | | 6 | 0 | 20.14 | 20.27 | 20.38 | 0.041 | 0.069 | 0.043 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 23025 | 23095 | 23165 | 23025 | 23095 | 23165 |
| 3MHz | QPSK | 1 | 0 | 21.97 | 22.11 | 22.29 | 0.062 | 0.064 | 0.067 |
| | | 1 | 8 | 22.36 | 22.52 | 22.35 | 0.068 | 0.071 | 0.068 |
| | | 1 | 14 | 22.26 | 22.37 | 22.45 | 0.067 | 0.068 | 0.070 |
| | | 8 | 0 | 21.12 | 21.38 | 21.28 | 0.051 | 0.054 | 0.053 |
| | | 8 | 4 | 21.27 | 21.36 | 21.23 | 0.053 | 0.054 | 0.053 |
| | | 8 | 7 | 21.07 | 21.43 | 21.36 | 0.051 | 0.055 | 0.054 |
| | | 15 | 0 | 21.11 | 21.21 | 21.15 | 0.051 | 0.052 | 0.052 |
| | 16QAM | 1 | 0 | 21.37 | 21.1 | 21.45 | 0.054 | 0.051 | 0.055 |
| | | 1 | 8 | 21.51 | 21.16 | 21.66 | 0.056 | 0.052 | 0.058 |
| | | 1 | 14 | 21.42 | 21.34 | 21.55 | 0.055 | 0.054 | 0.057 |
| | | 8 | 0 | 20.26 | 20.47 | 20.23 | 0.042 | 0.044 | 0.042 |
| | | 8 | 4 | 20.42 | 20.29 | 20.19 | 0.044 | 0.042 | 0.041 |
| | | 8 | 7 | 20.42 | 20.35 | 20.26 | 0.044 | 0.043 | 0.042 |
| | | 15 | 0 | 20.39 | 20.35 | 20.27 | 0.043 | 0.070 | 0.042 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 23035 | 23095 | 23155 | 23035 | 23095 | 23155 |
| 5MHz | QPSK | 1 | 0 | 21.94 | 22.08 | 22.07 | 0.062 | 0.064 | 0.064 |
| | | 1 | 12 | 22.37 | 22.52 | 22.34 | 0.068 | 0.071 | 0.068 |
| | | 1 | 24 | 22.22 | 22.3 | 22.45 | 0.066 | 0.067 | 0.070 |
| | | 12 | 0 | 21.31 | 21.38 | 21.3 | 0.054 | 0.054 | 0.053 |
| | | 12 | 6 | 21.27 | 21.34 | 21.17 | 0.053 | 0.054 | 0.052 |
| | | 12 | 13 | 21.26 | 21.3 | 21.08 | 0.053 | 0.053 | 0.051 |
| | | 25 | 0 | 21.15 | 21.42 | 21.27 | 0.052 | 0.055 | 0.053 |
| | 16QAM | 1 | 0 | 21.34 | 20.97 | 21.51 | 0.054 | 0.050 | 0.056 |
| | | 1 | 12 | 21.54 | 21.12 | 21.58 | 0.056 | 0.051 | 0.057 |
| | | 1 | 24 | 21.54 | 21.38 | 21.43 | 0.056 | 0.054 | 0.055 |
| | | 12 | 0 | 20.42 | 20.41 | 20.16 | 0.044 | 0.044 | 0.041 |
| | | 12 | 6 | 20.29 | 20.25 | 20.26 | 0.042 | 0.042 | 0.042 |
| | | 12 | 13 | 20.19 | 20.38 | 20.2 | 0.041 | 0.043 | 0.041 |
| | | 25 | 0 | 20.37 | 20.45 | 20.32 | 0.043 | 0.072 | 0.043 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | | | 23060 | 23095 | 23130 | 23060 | 23095 | 23130 |
| 10MHz | QPSK | 1 | 0 | 22.31 | 22.4 | 22.44 | 0.067 | 0.069 | 0.070 |
| | | 1 | 24 | 22.5 | 22.67 | 22.58 | 0.070 | 0.073 | 0.072 |
| | | 1 | 49 | 22.42 | 22.56 | 22.57 | 0.069 | 0.071 | 0.072 |
| | | 25 | 0 | 21.51 | 21.59 | 21.43 | 0.056 | 0.057 | 0.055 |
| | | 25 | 12 | 21.5 | 21.55 | 21.42 | 0.056 | 0.057 | 0.055 |
| | | 25 | 25 | 21.47 | 21.62 | 21.48 | 0.056 | 0.058 | 0.056 |
| | | 50 | 0 | 21.49 | 21.55 | 21.46 | 0.056 | 0.057 | 0.055 |
| | 16QAM | 1 | 0 | 21.49 | 21.33 | 21.64 | 0.056 | 0.054 | 0.058 |
| | | 1 | 24 | 21.74 | 21.47 | 21.81 | 0.059 | 0.056 | 0.060 |
| | | 1 | 49 | 21.64 | 21.52 | 21.75 | 0.058 | 0.056 | 0.059 |
| | | 25 | 0 | 20.56 | 20.57 | 20.49 | 0.045 | 0.045 | 0.044 |
| | | 25 | 12 | 20.55 | 20.59 | 20.45 | 0.045 | 0.045 | 0.044 |
| | | 25 | 25 | 20.58 | 20.69 | 20.49 | 0.045 | 0.046 | 0.044 |
| | | 50 | 0 | 20.51 | 20.61 | 20.48 | 0.045 | 0.075 | 0.044 |

| LTE FDD B17 | | | Conducted Power(dBm) | | | | ERP (W) | | |
|-------------|------------|---------|----------------------|---------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 23755 | 23790 | 23825 | 23755 | 23790 | 23825 |
| 5MHz | QPSK | 1 | 0 | 21.94 | 22.21 | 22.15 | 0.062 | 0.066 | 0.065 |
| | | 1 | 12 | 22.43 | 22.5 | 22.32 | 0.069 | 0.070 | 0.068 |
| | | 1 | 24 | 22.22 | 22.33 | 22.41 | 0.066 | 0.068 | 0.069 |
| | | 12 | 0 | 21.16 | 21.2 | 21.36 | 0.052 | 0.052 | 0.054 |
| | | 12 | 6 | 21.23 | 21.21 | 21.23 | 0.053 | 0.052 | 0.053 |
| | | 12 | 13 | 21.29 | 21.41 | 21.39 | 0.053 | 0.055 | 0.055 |
| | 16QAM | 25 | 0 | 21.17 | 21.23 | 21.12 | 0.052 | 0.053 | 0.051 |
| | | 1 | 0 | 21.35 | 21.02 | 21.46 | 0.054 | 0.050 | 0.055 |
| | | 1 | 12 | 21.59 | 21.34 | 21.7 | 0.057 | 0.054 | 0.059 |
| | | 1 | 24 | 21.33 | 21.35 | 21.34 | 0.054 | 0.054 | 0.054 |
| | | 12 | 0 | 20.3 | 20.15 | 20.38 | 0.042 | 0.041 | 0.043 |
| | | 12 | 6 | 20.29 | 20.33 | 20.16 | 0.042 | 0.043 | 0.041 |
| 10MHz | QPSK | 12 | 13 | 20.49 | 20.39 | 20.3 | 0.044 | 0.043 | 0.042 |
| | | 25 | 0 | 20.51 | 20.3 | 20.24 | 0.045 | 0.070 | 0.042 |
| | | 1 | 0 | 22.33 | 22.49 | 22.39 | 0.068 | 0.070 | 0.069 |
| | | 1 | 24 | 22.62 | 22.62 | 22.58 | 0.072 | 0.072 | 0.072 |
| | | 1 | 49 | 22.55 | 22.56 | 22.54 | 0.071 | 0.071 | 0.071 |
| | | 25 | 0 | 21.5 | 21.47 | 21.49 | 0.056 | 0.056 | 0.056 |
| | 16QAM | 25 | 12 | 21.53 | 21.52 | 21.5 | 0.056 | 0.056 | 0.056 |
| | | 25 | 25 | 21.58 | 21.58 | 21.52 | 0.057 | 0.057 | 0.056 |
| | | 50 | 0 | 21.55 | 21.48 | 21.48 | 0.057 | 0.056 | 0.056 |
| | | 1 | 0 | 21.55 | 21.35 | 21.56 | 0.057 | 0.054 | 0.057 |
| | | 1 | 24 | 21.8 | 21.49 | 21.85 | 0.060 | 0.056 | 0.061 |
| | | 1 | 49 | 21.69 | 21.5 | 21.74 | 0.058 | 0.056 | 0.059 |
| 16QAM | 25 | 0 | 20.54 | 20.53 | 20.48 | 0.045 | 0.045 | 0.044 | |
| | 25 | 12 | 20.61 | 20.59 | 20.53 | 0.046 | 0.045 | 0.045 | |
| | 25 | 25 | 20.65 | 20.59 | 20.53 | 0.046 | 0.045 | 0.045 | |
| | 50 | 0 | 20.62 | 20.55 | 20.47 | 0.046 | 0.074 | 0.044 | |

| LTE FDD B25 | | | Conducted Power(dBm) | | | | EIRP (W) | | |
|-------------|------------|---------|----------------------|---------|---------|---------|----------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26047 | 26365 | 26683 | 26047 | 26365 | 26683 |
| 1.4MHz | QPSK | 1 | 0 | 21.53 | 21.43 | 20.88 | 0.187 | 0.183 | 0.161 |
| | | 1 | 2 | 21.6 | 21.88 | 21.02 | 0.190 | 0.203 | 0.166 |
| | | 1 | 5 | 21.4 | 21.18 | 20.7 | 0.182 | 0.173 | 0.155 |
| | | 3 | 0 | 20.77 | 20.7 | 20.29 | 0.157 | 0.155 | 0.141 |
| | | 3 | 1 | 20.66 | 20.48 | 20.08 | 0.153 | 0.147 | 0.134 |
| | | 3 | 3 | 20.37 | 20.44 | 20.07 | 0.143 | 0.146 | 0.134 |
| | 16QAM | 6 | 0 | 20.46 | 20.44 | 20.22 | 0.146 | 0.146 | 0.138 |
| | | 1 | 0 | 20.49 | 20.59 | 19.88 | 0.147 | 0.151 | 0.128 |
| | | 1 | 2 | 20.69 | 20.67 | 20.26 | 0.154 | 0.153 | 0.140 |
| | | 1 | 5 | 20.36 | 20.46 | 19.98 | 0.143 | 0.146 | 0.131 |
| | | 3 | 0 | 19.6 | 19.73 | 19.15 | 0.120 | 0.124 | 0.108 |
| | | 3 | 1 | 19.49 | 19.59 | 19.15 | 0.117 | 0.120 | 0.108 |
| | | 3 | 3 | 19.65 | 19.45 | 19.09 | 0.121 | 0.116 | 0.107 |
| | | 6 | 0 | 19.48 | 19.28 | 19.1 | 0.117 | 0.111 | 0.107 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26055 | 26365 | 26675 | 26055 | 26365 | 26675 |
| 3MHz | QPSK | 1 | 0 | 21.5 | 21.32 | 20.95 | 0.186 | 0.178 | 0.164 |
| | | 1 | 8 | 21.56 | 21.8 | 21.24 | 0.188 | 0.199 | 0.175 |
| | | 1 | 14 | 21.22 | 21.3 | 20.85 | 0.174 | 0.177 | 0.160 |
| | | 8 | 0 | 20.66 | 20.57 | 20.12 | 0.153 | 0.150 | 0.135 |
| | | 8 | 4 | 20.76 | 20.57 | 20.32 | 0.157 | 0.150 | 0.142 |
| | | 8 | 7 | 20.54 | 20.5 | 20.06 | 0.149 | 0.148 | 0.133 |
| | 16QAM | 15 | 0 | 20.5 | 20.54 | 20.02 | 0.148 | 0.149 | 0.132 |
| | | 1 | 0 | 20.38 | 20.44 | 19.98 | 0.144 | 0.146 | 0.131 |
| | | 1 | 8 | 20.58 | 20.73 | 20.37 | 0.150 | 0.156 | 0.143 |
| | | 1 | 14 | 20.15 | 20.4 | 20.12 | 0.136 | 0.144 | 0.135 |
| | | 8 | 0 | 19.69 | 19.66 | 19.29 | 0.122 | 0.122 | 0.112 |
| | | 8 | 4 | 19.57 | 19.61 | 19.19 | 0.119 | 0.120 | 0.109 |
| | | 8 | 7 | 19.7 | 19.29 | 19.1 | 0.123 | 0.112 | 0.107 |
| | | 15 | 0 | 19.69 | 19.54 | 19.05 | 0.122 | 0.118 | 0.106 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26065 | 26365 | 26665 | 26065 | 26365 | 26665 |
| 5MHz | QPSK | 1 | 0 | 21.52 | 21.44 | 20.81 | 0.187 | 0.183 | 0.158 |
| | | 1 | 12 | 21.68 | 21.83 | 21.13 | 0.194 | 0.200 | 0.171 |
| | | 1 | 24 | 21.18 | 21.07 | 20.85 | 0.173 | 0.168 | 0.160 |
| | | 12 | 0 | 20.48 | 20.7 | 20.13 | 0.147 | 0.155 | 0.136 |
| | | 12 | 6 | 20.68 | 20.54 | 20.04 | 0.154 | 0.149 | 0.133 |
| | | 12 | 13 | 20.39 | 20.47 | 20.05 | 0.144 | 0.147 | 0.133 |
| | 16QAM | 25 | 0 | 20.47 | 20.4 | 20.14 | 0.147 | 0.144 | 0.136 |
| | | 1 | 0 | 20.56 | 20.6 | 19.94 | 0.150 | 0.151 | 0.130 |
| | | 1 | 12 | 20.62 | 20.86 | 20.27 | 0.152 | 0.160 | 0.140 |
| | | 1 | 24 | 20.32 | 20.44 | 19.88 | 0.142 | 0.146 | 0.128 |

| | | | | | | | | | |
|------------------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 12 | 0 | 19.69 | 19.58 | 19.1 | 0.122 | 0.119 | 0.107 |
| | | 12 | 6 | 19.6 | 19.47 | 19.25 | 0.120 | 0.116 | 0.111 |
| | | 12 | 13 | 19.52 | 19.52 | 19.19 | 0.118 | 0.118 | 0.109 |
| | | 25 | 0 | 19.68 | 19.44 | 19.01 | 0.122 | 0.116 | 0.105 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26090 | 26365 | 26640 | 26090 | 26365 | 26640 |
| 10MHz | QPSK | 1 | 0 | 21.47 | 21.45 | 20.86 | 0.185 | 0.184 | 0.160 |
| | | 1 | 24 | 21.55 | 21.85 | 21.03 | 0.188 | 0.201 | 0.167 |
| | | 1 | 49 | 21.17 | 21.18 | 20.74 | 0.172 | 0.173 | 0.156 |
| | | 25 | 0 | 20.56 | 20.43 | 20.3 | 0.150 | 0.145 | 0.141 |
| | | 25 | 12 | 20.5 | 20.55 | 20.14 | 0.148 | 0.149 | 0.136 |
| | | 25 | 25 | 20.57 | 20.46 | 19.96 | 0.150 | 0.146 | 0.130 |
| | | 50 | 0 | 20.68 | 20.36 | 20.07 | 0.154 | 0.143 | 0.134 |
| | 16QAM | 1 | 0 | 20.41 | 20.63 | 20.14 | 0.145 | 0.152 | 0.136 |
| | | 1 | 24 | 20.54 | 20.66 | 20.41 | 0.149 | 0.153 | 0.145 |
| | | 1 | 49 | 20.37 | 20.28 | 19.87 | 0.143 | 0.140 | 0.128 |
| | | 25 | 0 | 19.62 | 19.43 | 19.36 | 0.121 | 0.115 | 0.114 |
| | | 25 | 12 | 19.51 | 19.68 | 19.23 | 0.117 | 0.122 | 0.110 |
| | | 25 | 25 | 19.6 | 19.29 | 19.18 | 0.120 | 0.112 | 0.109 |
| | | 50 | 0 | 19.6 | 19.32 | 19.25 | 0.120 | 0.112 | 0.111 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26115 | 26365 | 26615 | 26115 | 26365 | 26615 |
| 15MHz | QPSK | 1 | 0 | 21.33 | 21.52 | 20.87 | 0.179 | 0.187 | 0.161 |
| | | 1 | 38 | 21.7 | 21.76 | 21.18 | 0.195 | 0.197 | 0.173 |
| | | 1 | 74 | 21.43 | 21.12 | 20.97 | 0.183 | 0.170 | 0.164 |
| | | 36 | 0 | 20.77 | 20.48 | 20.24 | 0.157 | 0.147 | 0.139 |
| | | 36 | 18 | 20.61 | 20.59 | 20.28 | 0.151 | 0.151 | 0.140 |
| | | 36 | 37 | 20.65 | 20.21 | 19.92 | 0.153 | 0.138 | 0.129 |
| | | 75 | 0 | 20.64 | 20.48 | 20.05 | 0.152 | 0.147 | 0.133 |
| | 16QAM | 1 | 0 | 20.48 | 20.67 | 19.98 | 0.147 | 0.153 | 0.131 |
| | | 1 | 38 | 20.56 | 20.77 | 20.22 | 0.150 | 0.157 | 0.138 |
| | | 1 | 74 | 20.27 | 20.3 | 20.05 | 0.140 | 0.141 | 0.133 |
| | | 36 | 0 | 19.75 | 19.72 | 19.36 | 0.124 | 0.123 | 0.114 |
| | | 36 | 18 | 19.68 | 19.6 | 19.32 | 0.122 | 0.120 | 0.112 |
| | | 36 | 37 | 19.65 | 19.33 | 18.98 | 0.121 | 0.113 | 0.104 |
| | | 75 | 0 | 19.62 | 19.47 | 19.14 | 0.121 | 0.116 | 0.108 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26140 | 26365 | 26590 | 26140 | 26365 | 26590 |
| 20MHz | QPSK | 1 | 0 | 21.72 | 21.63 | 21.14 | 0.195 | 0.191 | 0.171 |
| | | 1 | 49 | 21.87 | 22.04 | 21.42 | 0.202 | 0.210 | 0.182 |
| | | 1 | 99 | 21.56 | 21.41 | 21.1 | 0.188 | 0.182 | 0.169 |
| | | 50 | 0 | 20.88 | 20.8 | 20.47 | 0.161 | 0.158 | 0.147 |
| | | 50 | 25 | 20.87 | 20.79 | 20.44 | 0.161 | 0.158 | 0.146 |
| | | 50 | 50 | 20.75 | 20.6 | 20.29 | 0.156 | 0.151 | 0.141 |
| | | 100 | 0 | 20.78 | 20.72 | 20.32 | 0.157 | 0.155 | 0.142 |

| | | | | | | | | | |
|--|-------|-----|----|-------|-------|-------|-------|-------|-------|
| | 16QAM | 1 | 0 | 20.67 | 20.8 | 20.25 | 0.153 | 0.158 | 0.139 |
| | | 1 | 49 | 20.9 | 21.05 | 20.54 | 0.162 | 0.167 | 0.149 |
| | | 1 | 99 | 20.55 | 20.57 | 20.26 | 0.149 | 0.150 | 0.140 |
| | | 50 | 0 | 19.86 | 19.83 | 19.48 | 0.127 | 0.126 | 0.117 |
| | | 50 | 25 | 19.86 | 19.84 | 19.46 | 0.127 | 0.127 | 0.116 |
| | | 50 | 50 | 19.8 | 19.66 | 19.36 | 0.126 | 0.122 | 0.114 |
| | | 100 | 0 | 19.82 | 19.68 | 19.37 | 0.126 | 0.122 | 0.114 |

| LTE FDD B26 | | | Conducted Power(dBm) | | | | ERP (W) | | |
|-------------|------------|---------|----------------------|---------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26697 | 26865 | 27033 | 26697 | 26865 | 27033 |
| 1.4MHz | QPSK | 1 | 0 | 22.29 | 22.38 | 22.35 | 0.098 | 0.100 | 0.099 |
| | | 1 | 2 | 22.19 | 22.33 | 22.63 | 0.096 | 0.099 | 0.106 |
| | | 1 | 5 | 22.25 | 22.64 | 22.47 | 0.097 | 0.106 | 0.102 |
| | | 3 | 0 | 21.26 | 21.41 | 21.75 | 0.077 | 0.080 | 0.086 |
| | | 3 | 1 | 21.43 | 21.45 | 21.73 | 0.080 | 0.081 | 0.086 |
| | | 3 | 3 | 21.44 | 21.56 | 21.77 | 0.081 | 0.083 | 0.087 |
| | | 6 | 0 | 21.27 | 21.67 | 21.9 | 0.077 | 0.085 | 0.090 |
| | 16QAM | 1 | 0 | 21.75 | 21.25 | 21.65 | 0.086 | 0.077 | 0.085 |
| | | 1 | 2 | 21.74 | 21.38 | 22.04 | 0.086 | 0.079 | 0.092 |
| | | 1 | 5 | 21.45 | 21.58 | 21.9 | 0.081 | 0.083 | 0.090 |
| | | 3 | 0 | 20.32 | 20.53 | 20.8 | 0.062 | 0.065 | 0.070 |
| | | 3 | 1 | 20.49 | 20.41 | 20.62 | 0.065 | 0.064 | 0.067 |
| | | 3 | 3 | 20.44 | 20.42 | 20.6 | 0.064 | 0.064 | 0.066 |
| | | 6 | 0 | 20.26 | 20.48 | 20.64 | 0.061 | 0.106 | 0.067 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26705 | 26865 | 27025 | 26705 | 26865 | 27025 |
| 3MHz | QPSK | 1 | 0 | 22.32 | 22.27 | 22.48 | 0.099 | 0.097 | 0.102 |
| | | 1 | 8 | 22.36 | 22.51 | 22.64 | 0.100 | 0.103 | 0.106 |
| | | 1 | 14 | 22.32 | 22.53 | 22.64 | 0.099 | 0.104 | 0.106 |
| | | 8 | 0 | 21.24 | 21.35 | 21.84 | 0.077 | 0.079 | 0.088 |
| | | 8 | 4 | 21.16 | 21.45 | 21.87 | 0.076 | 0.081 | 0.089 |
| | | 8 | 7 | 21.31 | 21.49 | 21.65 | 0.078 | 0.081 | 0.085 |
| | | 15 | 0 | 21.26 | 21.47 | 21.87 | 0.077 | 0.081 | 0.089 |
| | 16QAM | 1 | 0 | 21.53 | 21.18 | 21.66 | 0.082 | 0.076 | 0.085 |
| | | 1 | 8 | 21.51 | 21.51 | 22.03 | 0.082 | 0.082 | 0.092 |
| | | 1 | 14 | 21.69 | 21.49 | 21.69 | 0.085 | 0.081 | 0.085 |
| | | 8 | 0 | 20.46 | 20.5 | 20.69 | 0.064 | 0.065 | 0.068 |
| | | 8 | 4 | 20.47 | 20.43 | 20.72 | 0.064 | 0.064 | 0.068 |
| | | 8 | 7 | 20.38 | 20.31 | 20.6 | 0.063 | 0.062 | 0.066 |
| | | 15 | 0 | 20.52 | 20.49 | 20.7 | 0.065 | 0.106 | 0.068 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26715 | 26865 | 27015 | 26715 | 26865 | 27015 |
| 5MHz | QPSK | 1 | 0 | 22.22 | 22.43 | 22.57 | 0.096 | 0.101 | 0.104 |
| | | 1 | 12 | 22.17 | 22.6 | 22.45 | 0.095 | 0.105 | 0.102 |
| | | 1 | 24 | 22.24 | 22.64 | 22.67 | 0.097 | 0.106 | 0.107 |
| | | 12 | 0 | 21.38 | 21.41 | 21.83 | 0.079 | 0.080 | 0.088 |
| | | 12 | 6 | 21.41 | 21.4 | 21.85 | 0.080 | 0.080 | 0.089 |
| | | 12 | 13 | 21.35 | 21.61 | 21.79 | 0.079 | 0.084 | 0.087 |
| | | 25 | 0 | 21.37 | 21.43 | 21.79 | 0.079 | 0.080 | 0.087 |
| | 16QAM | 1 | 0 | 21.66 | 21.3 | 21.66 | 0.085 | 0.078 | 0.085 |
| | | 1 | 12 | 21.49 | 21.51 | 22.03 | 0.081 | 0.082 | 0.092 |
| | | 1 | 24 | 21.62 | 21.35 | 21.7 | 0.084 | 0.079 | 0.086 |
| | | 12 | 0 | 20.43 | 20.51 | 20.68 | 0.064 | 0.065 | 0.068 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | | | 26740 | 26865 | 26990 | 26740 | 26865 | 26990 |
| 10MHz | QPSK | 12 | 6 | 20.5 | 20.28 | 20.59 | 0.065 | 0.062 | 0.066 |
| | | 12 | 13 | 20.52 | 20.27 | 20.77 | 0.065 | 0.062 | 0.069 |
| | | 25 | 0 | 20.33 | 20.37 | 20.73 | 0.062 | 0.103 | 0.068 |
| | | 1 | 0 | 22.12 | 22.47 | 22.36 | 0.094 | 0.102 | 0.100 |
| | | 1 | 24 | 22.41 | 22.43 | 22.57 | 0.101 | 0.101 | 0.104 |
| | | 1 | 49 | 22.44 | 22.49 | 22.57 | 0.101 | 0.103 | 0.104 |
| | | 25 | 0 | 21.24 | 21.29 | 21.71 | 0.077 | 0.078 | 0.086 |
| | 16QAM | 25 | 12 | 21.43 | 21.49 | 21.75 | 0.080 | 0.081 | 0.086 |
| | | 25 | 25 | 21.25 | 21.47 | 21.82 | 0.077 | 0.081 | 0.088 |
| | | 50 | 0 | 21.32 | 21.44 | 21.8 | 0.078 | 0.081 | 0.087 |
| | | 1 | 0 | 21.53 | 21.21 | 21.75 | 0.082 | 0.076 | 0.086 |
| | | 1 | 24 | 21.5 | 21.54 | 21.86 | 0.082 | 0.082 | 0.089 |
| | | 1 | 49 | 21.64 | 21.46 | 21.8 | 0.084 | 0.081 | 0.087 |
| | | 25 | 0 | 20.45 | 20.58 | 20.73 | 0.064 | 0.066 | 0.068 |
| 15MHz | QPSK | 25 | 12 | 20.33 | 20.33 | 20.79 | 0.062 | 0.062 | 0.069 |
| | | 25 | 25 | 20.42 | 20.49 | 20.65 | 0.064 | 0.065 | 0.067 |
| | | 50 | 0 | 20.38 | 20.59 | 20.62 | 0.063 | 0.109 | 0.067 |
| | | 1 | 0 | 22.48 | 22.58 | 22.73 | 0.102 | 0.105 | 0.108 |
| | | 1 | 38 | 22.57 | 22.7 | 22.85 | 0.104 | 0.108 | 0.111 |
| | | 1 | 74 | 22.59 | 22.84 | 22.83 | 0.105 | 0.111 | 0.111 |
| | | 36 | 0 | 21.5 | 21.69 | 22.03 | 0.082 | 0.085 | 0.092 |
| | 16QAM | 36 | 18 | 21.55 | 21.74 | 21.99 | 0.083 | 0.086 | 0.091 |
| | | 36 | 37 | 21.56 | 21.71 | 21.99 | 0.083 | 0.086 | 0.091 |
| | | 75 | 0 | 21.66 | 21.78 | 22.05 | 0.085 | 0.087 | 0.093 |
| | | 1 | 0 | 21.85 | 21.51 | 21.91 | 0.089 | 0.082 | 0.090 |
| | | 1 | 38 | 21.86 | 21.68 | 22.15 | 0.089 | 0.085 | 0.095 |
| | | 1 | 74 | 21.83 | 21.75 | 22.01 | 0.088 | 0.086 | 0.092 |
| | | 36 | 0 | 20.62 | 20.72 | 20.94 | 0.067 | 0.068 | 0.072 |
| 36 | 18 | 20.63 | 20.62 | 20.97 | 0.067 | 0.067 | 0.072 | | |
| 36 | 37 | 20.62 | 20.66 | 20.99 | 0.067 | 0.067 | 0.073 | | |
| 75 | 0 | 20.65 | 20.76 | 20.98 | 0.067 | 0.113 | 0.072 | | |

| LTE FDD B26 | | | Conducted Power(dBm) | | | | ERP (W) | | |
|-------------|------------|---------|----------------------|---------|---------|---------|---------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26697 | 26865 | 27033 | 26697 | 26865 | 27033 |
| 1.4MHz | QPSK | 1 | 0 | 22.29 | 22.38 | 22.35 | 0.098 | 0.100 | 0.099 |
| | | 1 | 2 | 22.19 | 22.33 | 22.63 | 0.096 | 0.099 | 0.106 |
| | | 1 | 5 | 22.25 | 22.64 | 22.47 | 0.097 | 0.106 | 0.102 |
| | | 3 | 0 | 21.26 | 21.41 | 21.75 | 0.077 | 0.080 | 0.086 |
| | | 3 | 1 | 21.43 | 21.45 | 21.73 | 0.080 | 0.081 | 0.086 |
| | | 3 | 3 | 21.44 | 21.56 | 21.77 | 0.081 | 0.083 | 0.087 |
| | | 6 | 0 | 21.27 | 21.67 | 21.9 | 0.077 | 0.085 | 0.090 |
| | 16QAM | 1 | 0 | 21.75 | 21.25 | 21.65 | 0.086 | 0.077 | 0.085 |
| | | 1 | 2 | 21.74 | 21.38 | 22.04 | 0.086 | 0.079 | 0.092 |
| | | 1 | 5 | 21.45 | 21.58 | 21.9 | 0.081 | 0.083 | 0.090 |
| | | 3 | 0 | 20.32 | 20.53 | 20.8 | 0.062 | 0.065 | 0.070 |
| | | 3 | 1 | 20.49 | 20.41 | 20.62 | 0.065 | 0.064 | 0.067 |
| | | 3 | 3 | 20.44 | 20.42 | 20.6 | 0.064 | 0.064 | 0.066 |
| | | 6 | 0 | 20.26 | 20.48 | 20.64 | 0.061 | 0.106 | 0.067 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26705 | 26865 | 27025 | 26705 | 26865 | 27025 |
| 3MHz | QPSK | 1 | 0 | 22.32 | 22.27 | 22.48 | 0.099 | 0.097 | 0.102 |
| | | 1 | 8 | 22.36 | 22.51 | 22.64 | 0.100 | 0.103 | 0.106 |
| | | 1 | 14 | 22.32 | 22.53 | 22.64 | 0.099 | 0.104 | 0.106 |
| | | 8 | 0 | 21.24 | 21.35 | 21.84 | 0.077 | 0.079 | 0.088 |
| | | 8 | 4 | 21.16 | 21.45 | 21.87 | 0.076 | 0.081 | 0.089 |
| | | 8 | 7 | 21.31 | 21.49 | 21.65 | 0.078 | 0.081 | 0.085 |
| | | 15 | 0 | 21.26 | 21.47 | 21.87 | 0.077 | 0.081 | 0.089 |
| | 16QAM | 1 | 0 | 21.53 | 21.18 | 21.66 | 0.082 | 0.076 | 0.085 |
| | | 1 | 8 | 21.51 | 21.51 | 22.03 | 0.082 | 0.082 | 0.092 |
| | | 1 | 14 | 21.69 | 21.49 | 21.69 | 0.085 | 0.081 | 0.085 |
| | | 8 | 0 | 20.46 | 20.5 | 20.69 | 0.064 | 0.065 | 0.068 |
| | | 8 | 4 | 20.47 | 20.43 | 20.72 | 0.064 | 0.064 | 0.068 |
| | | 8 | 7 | 20.38 | 20.31 | 20.6 | 0.063 | 0.062 | 0.066 |
| | | 15 | 0 | 20.52 | 20.49 | 20.7 | 0.065 | 0.106 | 0.068 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26715 | 26865 | 27015 | 26715 | 26865 | 27015 |
| 5MHz | QPSK | 1 | 0 | 22.22 | 22.43 | 22.57 | 0.096 | 0.101 | 0.104 |
| | | 1 | 12 | 22.17 | 22.6 | 22.45 | 0.095 | 0.105 | 0.102 |
| | | 1 | 24 | 22.24 | 22.64 | 22.67 | 0.097 | 0.106 | 0.107 |
| | | 12 | 0 | 21.38 | 21.41 | 21.83 | 0.079 | 0.080 | 0.088 |
| | | 12 | 6 | 21.41 | 21.4 | 21.85 | 0.080 | 0.080 | 0.089 |
| | | 12 | 13 | 21.35 | 21.61 | 21.79 | 0.079 | 0.084 | 0.087 |
| | | 25 | 0 | 21.37 | 21.43 | 21.79 | 0.079 | 0.080 | 0.087 |
| | 16QAM | 1 | 0 | 21.66 | 21.3 | 21.66 | 0.085 | 0.078 | 0.085 |
| | | 1 | 12 | 21.49 | 21.51 | 22.03 | 0.081 | 0.082 | 0.092 |
| | | 1 | 24 | 21.62 | 21.35 | 21.7 | 0.084 | 0.079 | 0.086 |
| | | 12 | 0 | 20.43 | 20.51 | 20.68 | 0.064 | 0.065 | 0.068 |

| | | | | | | | | | |
|------------------|-------------------|----------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | 12 | 6 | 20.5 | 20.28 | 20.59 | 0.065 | 0.062 | 0.066 |
| | | 12 | 13 | 20.52 | 20.27 | 20.77 | 0.065 | 0.062 | 0.069 |
| | | 25 | 0 | 20.33 | 20.37 | 20.73 | 0.062 | 0.103 | 0.068 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 26740 | 26865 | 26990 | 26740 | 26865 | 26990 |
| 10MHz | QPSK | 1 | 0 | 22.12 | 22.47 | 22.36 | 0.094 | 0.102 | 0.100 |
| | | 1 | 24 | 22.41 | 22.43 | 22.57 | 0.101 | 0.101 | 0.104 |
| | | 1 | 49 | 22.44 | 22.49 | 22.57 | 0.101 | 0.103 | 0.104 |
| | | 25 | 0 | 21.24 | 21.29 | 21.71 | 0.077 | 0.078 | 0.086 |
| | | 25 | 12 | 21.43 | 21.49 | 21.75 | 0.080 | 0.081 | 0.086 |
| | | 25 | 25 | 21.25 | 21.47 | 21.82 | 0.077 | 0.081 | 0.088 |
| | | 50 | 0 | 21.32 | 21.44 | 21.8 | 0.078 | 0.081 | 0.087 |
| | 16QAM | 1 | 0 | 21.53 | 21.21 | 21.75 | 0.082 | 0.076 | 0.086 |
| | | 1 | 24 | 21.5 | 21.54 | 21.86 | 0.082 | 0.082 | 0.089 |
| | | 1 | 49 | 21.64 | 21.46 | 21.8 | 0.084 | 0.081 | 0.087 |
| | | 25 | 0 | 20.45 | 20.58 | 20.73 | 0.064 | 0.066 | 0.068 |
| | | 25 | 12 | 20.33 | 20.33 | 20.79 | 0.062 | 0.062 | 0.069 |
| | | 25 | 25 | 20.42 | 20.49 | 20.65 | 0.064 | 0.065 | 0.067 |
| | | 50 | 0 | 20.38 | 20.59 | 20.62 | 0.063 | 0.109 | 0.067 |

| LTE FDD B38 | | | | Conducted Power(dBm) | | | EIRP (W) | | |
|-------------|------------|---------|-----------|----------------------|---------|---------|----------|---------|---------|
| | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 37775 | 38000 | 38225 | 37775 | 38000 | 38225 |
| 5MHz | QPSK | 1 | 0 | 21.17 | 21.26 | 21.15 | 0.217 | 0.222 | 0.216 |
| | | 1 | 12 | 21.33 | 21.54 | 21.38 | 0.225 | 0.237 | 0.228 |
| | | 1 | 24 | 21.06 | 21.24 | 21.26 | 0.212 | 0.221 | 0.222 |
| | | 12 | 0 | 20.19 | 20.36 | 20.4 | 0.173 | 0.180 | 0.182 |
| | | 12 | 6 | 20.29 | 20.41 | 20.43 | 0.177 | 0.182 | 0.183 |
| | | 12 | 13 | 20.32 | 20.41 | 20.51 | 0.179 | 0.182 | 0.187 |
| | | 25 | 0 | 20.19 | 20.4 | 20.31 | 0.173 | 0.182 | 0.178 |
| | 16QAM | 1 | 0 | 19.92 | 20.19 | 20.55 | 0.163 | 0.173 | 0.188 |
| | | 1 | 12 | 20.1 | 20.38 | 20.72 | 0.170 | 0.181 | 0.196 |
| | | 1 | 24 | 19.75 | 20.21 | 20.26 | 0.157 | 0.174 | 0.176 |
| | | 12 | 0 | 19.46 | 19.18 | 19.34 | 0.147 | 0.137 | 0.143 |
| | | 12 | 6 | 19.43 | 19.47 | 19.61 | 0.146 | 0.147 | 0.152 |
| | | 12 | 13 | 19.54 | 19.51 | 19.41 | 0.149 | 0.148 | 0.145 |
| | | 25 | 0 | 19.38 | 19.38 | 19.42 | 0.144 | 0.144 | 0.145 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 37800 | 38000 | 38200 | 37800 | 38000 | 38200 |
| 10MHz | QPSK | 1 | 0 | 21.09 | 21.03 | 21.08 | 0.213 | 0.210 | 0.213 |
| | | 1 | 24 | 21.42 | 21.5 | 21.39 | 0.230 | 0.234 | 0.229 |
| | | 1 | 49 | 21.2 | 21.24 | 21.25 | 0.219 | 0.221 | 0.221 |
| | | 25 | 0 | 20.23 | 20.47 | 20.54 | 0.175 | 0.185 | 0.188 |
| | | 25 | 12 | 20.12 | 20.43 | 20.34 | 0.171 | 0.183 | 0.179 |
| | | 25 | 25 | 20.28 | 20.49 | 20.39 | 0.177 | 0.186 | 0.182 |
| | | 50 | 0 | 20.22 | 20.34 | 20.49 | 0.175 | 0.179 | 0.186 |
| | 16QAM | 1 | 0 | 19.68 | 20.22 | 20.46 | 0.154 | 0.175 | 0.185 |
| | | 1 | 24 | 20.21 | 20.39 | 20.85 | 0.174 | 0.182 | 0.202 |
| | | 1 | 49 | 19.89 | 20.11 | 20.24 | 0.162 | 0.170 | 0.175 |
| | | 25 | 0 | 19.23 | 19.41 | 19.49 | 0.139 | 0.145 | 0.148 |
| | | 25 | 12 | 19.44 | 19.4 | 19.38 | 0.146 | 0.145 | 0.144 |
| | | 25 | 25 | 19.49 | 19.5 | 19.45 | 0.148 | 0.148 | 0.146 |
| | | 50 | 0 | 19.32 | 19.43 | 19.37 | 0.142 | 0.146 | 0.144 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 37825 | 38000 | 38175 | 37825 | 38000 | 38175 |
| 15MHz | QPSK | 1 | 0 | 21.19 | 21.12 | 21.24 | 0.218 | 0.215 | 0.221 |
| | | 1 | 38 | 21.46 | 21.63 | 21.56 | 0.232 | 0.242 | 0.238 |
| | | 1 | 74 | 20.93 | 21.25 | 21.08 | 0.206 | 0.221 | 0.213 |
| | | 36 | 0 | 20.18 | 20.32 | 20.49 | 0.173 | 0.179 | 0.186 |
| | | 36 | 18 | 20.32 | 20.34 | 20.52 | 0.179 | 0.179 | 0.187 |
| | | 36 | 37 | 20.29 | 20.34 | 20.43 | 0.177 | 0.179 | 0.183 |
| | | 75 | 0 | 20.2 | 20.53 | 20.51 | 0.174 | 0.187 | 0.187 |
| | 16QAM | 1 | 0 | 19.91 | 20.13 | 20.33 | 0.163 | 0.171 | 0.179 |
| | | 1 | 38 | 20.23 | 20.57 | 20.72 | 0.175 | 0.189 | 0.196 |
| | | 1 | 74 | 19.76 | 20.08 | 20.37 | 0.157 | 0.169 | 0.181 |

| | | | | | | | | | |
|------------------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 36 | 0 | 19.44 | 19.4 | 19.58 | 0.146 | 0.145 | 0.151 |
| | | 36 | 18 | 19.37 | 19.18 | 19.6 | 0.144 | 0.137 | 0.151 |
| | | 36 | 37 | 19.56 | 19.4 | 19.57 | 0.150 | 0.145 | 0.150 |
| | | 75 | 0 | 19.24 | 19.46 | 19.44 | 0.139 | 0.147 | 0.146 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 37850 | 38000 | 38150 | 37850 | 38000 | 38150 |
| 20MHz | QPSK | 1 | 0 | 21.37 | 21.38 | 21.43 | 0.228 | 0.228 | 0.231 |
| | | 1 | 49 | 21.67 | 21.76 | 21.78 | 0.244 | 0.249 | 0.250 |
| | | 1 | 99 | 21.32 | 21.43 | 21.39 | 0.225 | 0.231 | 0.229 |
| | | 50 | 0 | 20.55 | 20.61 | 20.68 | 0.188 | 0.191 | 0.194 |
| | | 50 | 25 | 20.5 | 20.6 | 20.7 | 0.186 | 0.191 | 0.195 |
| | | 50 | 50 | 20.6 | 20.68 | 20.69 | 0.191 | 0.194 | 0.195 |
| | | 100 | 0 | 20.58 | 20.67 | 20.67 | 0.190 | 0.194 | 0.194 |
| | 16QAM | 1 | 0 | 20.04 | 20.34 | 20.68 | 0.167 | 0.179 | 0.194 |
| | | 1 | 49 | 20.35 | 20.76 | 20.99 | 0.180 | 0.198 | 0.208 |
| | | 1 | 99 | 20.05 | 20.44 | 20.62 | 0.168 | 0.184 | 0.191 |
| | | 50 | 0 | 19.62 | 19.58 | 19.7 | 0.152 | 0.151 | 0.155 |
| | | 50 | 25 | 19.61 | 19.58 | 19.71 | 0.152 | 0.151 | 0.155 |
| | | 50 | 50 | 19.67 | 19.69 | 19.75 | 0.154 | 0.155 | 0.157 |
| | | 100 | 0 | 19.59 | 19.72 | 19.71 | 0.151 | 0.156 | 0.155 |

| LTE FDD B41 | | | Conducted Power(dBm) | | | | EIRP (W) | | |
|------------------|-------------------|----------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 40065 | 40615 | 41215 | 40065 | 40615 | 41215 |
| 5MHz | QPSK | 1 | 0 | 20.97 | 21.07 | 21.3 | 0.218 | 0.223 | 0.235 |
| | | 1 | 12 | 21.49 | 21.67 | 21.63 | 0.245 | 0.256 | 0.254 |
| | | 1 | 24 | 21.05 | 21.16 | 21.39 | 0.222 | 0.228 | 0.240 |
| | | 12 | 0 | 20.28 | 20.51 | 20.63 | 0.186 | 0.196 | 0.201 |
| | | 12 | 6 | 20.2 | 20.36 | 20.67 | 0.182 | 0.189 | 0.203 |
| | | 12 | 13 | 20.36 | 20.38 | 20.55 | 0.189 | 0.190 | 0.198 |
| | | 25 | 0 | 20.47 | 20.56 | 20.54 | 0.194 | 0.198 | 0.197 |
| | 16QAM | 1 | 0 | 20.44 | 20.02 | 20.39 | 0.193 | 0.175 | 0.191 |
| | | 1 | 12 | 20.55 | 20.08 | 20.73 | 0.198 | 0.177 | 0.206 |
| | | 1 | 24 | 20.26 | 20.03 | 20.22 | 0.185 | 0.175 | 0.183 |
| | | 12 | 0 | 19.35 | 19.53 | 19.66 | 0.150 | 0.156 | 0.161 |
| | | 12 | 6 | 19.21 | 19.53 | 19.73 | 0.145 | 0.156 | 0.164 |
| | | 12 | 13 | 19.39 | 19.54 | 19.68 | 0.151 | 0.157 | 0.162 |
| | | 25 | 0 | 19.42 | 19.61 | 19.54 | 0.152 | 0.159 | 0.157 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 40090 | 40615 | 41190 | 40090 | 40615 | 41190 |
| 10MHz | QPSK | 1 | 0 | 21.11 | 21.21 | 21.51 | 0.225 | 0.230 | 0.247 |
| | | 1 | 24 | 21.28 | 21.58 | 21.85 | 0.234 | 0.251 | 0.267 |
| | | 1 | 49 | 20.97 | 21.39 | 21.57 | 0.218 | 0.240 | 0.250 |
| | | 25 | 0 | 20.24 | 20.27 | 20.67 | 0.184 | 0.185 | 0.203 |
| | | 25 | 12 | 20.38 | 20.43 | 20.66 | 0.190 | 0.192 | 0.203 |
| | | 25 | 25 | 20.4 | 20.28 | 20.67 | 0.191 | 0.186 | 0.203 |
| | | 50 | 0 | 20.22 | 20.47 | 20.46 | 0.183 | 0.194 | 0.194 |
| | 16QAM | 1 | 0 | 20.28 | 19.86 | 20.21 | 0.186 | 0.169 | 0.183 |
| | | 1 | 24 | 20.75 | 20.35 | 20.83 | 0.207 | 0.189 | 0.211 |
| | | 1 | 49 | 20.36 | 20.01 | 20.45 | 0.189 | 0.175 | 0.193 |
| | | 25 | 0 | 19.25 | 19.4 | 19.63 | 0.147 | 0.152 | 0.160 |
| | | 25 | 12 | 19.34 | 19.47 | 19.49 | 0.150 | 0.154 | 0.155 |
| | | 25 | 25 | 19.41 | 19.56 | 19.74 | 0.152 | 0.157 | 0.164 |
| | | 50 | 0 | 19.3 | 19.62 | 19.61 | 0.148 | 0.160 | 0.159 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 40115 | 40615 | 41165 | 40115 | 40615 | 41165 |
| 15MHz | QPSK | 1 | 0 | 21.01 | 21.11 | 21.27 | 0.220 | 0.225 | 0.233 |
| | | 1 | 38 | 21.38 | 21.67 | 21.65 | 0.239 | 0.256 | 0.255 |
| | | 1 | 74 | 21.03 | 21.1 | 21.48 | 0.221 | 0.224 | 0.245 |
| | | 36 | 0 | 20.16 | 20.51 | 20.43 | 0.181 | 0.196 | 0.192 |
| | | 36 | 18 | 20.28 | 20.41 | 20.57 | 0.186 | 0.191 | 0.199 |
| | | 36 | 37 | 20.34 | 20.36 | 20.69 | 0.188 | 0.189 | 0.204 |
| | | 75 | 0 | 20.26 | 20.43 | 20.68 | 0.185 | 0.192 | 0.204 |
| | 16QAM | 1 | 0 | 20.34 | 19.99 | 20.26 | 0.188 | 0.174 | 0.185 |
| | | 1 | 38 | 20.72 | 20.26 | 20.58 | 0.206 | 0.185 | 0.199 |
| | | 1 | 74 | 20.26 | 19.86 | 20.33 | 0.185 | 0.169 | 0.188 |

| | | | | | | | | | |
|------------------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | 36 | 0 | 19.34 | 19.5 | 19.62 | 0.150 | 0.155 | 0.160 |
| | | 36 | 18 | 19.27 | 19.57 | 19.73 | 0.147 | 0.158 | 0.164 |
| | | 36 | 37 | 19.54 | 19.36 | 19.54 | 0.157 | 0.150 | 0.157 |
| | | 75 | 0 | 19.19 | 19.4 | 19.52 | 0.145 | 0.152 | 0.156 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 40140 | 40615 | 41140 | 40140 | 40615 | 41140 |
| 20MHz | QPSK | 1 | 0 | 21.32 | 21.47 | 21.65 | 0.236 | 0.244 | 0.255 |
| | | 1 | 49 | 21.65 | 21.82 | 21.99 | 0.255 | 0.265 | 0.275 |
| | | 1 | 99 | 21.31 | 21.49 | 21.67 | 0.236 | 0.245 | 0.256 |
| | | 50 | 0 | 20.44 | 20.62 | 20.81 | 0.193 | 0.201 | 0.210 |
| | | 50 | 25 | 20.55 | 20.6 | 20.8 | 0.198 | 0.200 | 0.209 |
| | | 50 | 50 | 20.6 | 20.65 | 20.85 | 0.200 | 0.202 | 0.212 |
| | | 100 | 0 | 20.61 | 20.71 | 20.8 | 0.200 | 0.205 | 0.209 |
| | 16QAM | 1 | 0 | 20.61 | 20.15 | 20.54 | 0.200 | 0.180 | 0.197 |
| | | 1 | 49 | 20.92 | 20.46 | 20.94 | 0.215 | 0.194 | 0.216 |
| | | 1 | 99 | 20.59 | 20.19 | 20.58 | 0.200 | 0.182 | 0.199 |
| | | 50 | 0 | 19.6 | 19.69 | 19.83 | 0.159 | 0.162 | 0.167 |
| | | 50 | 25 | 19.58 | 19.71 | 19.86 | 0.158 | 0.163 | 0.169 |
| | | 50 | 50 | 19.67 | 19.75 | 19.84 | 0.161 | 0.164 | 0.168 |
| | | 100 | 0 | 19.57 | 19.76 | 19.89 | 0.158 | 0.165 | 0.170 |

| LTE FDD B66 | | | Conducted Power(dBm) | | | | EIRP (W) | | |
|-------------|------------|---------|----------------------|---------|---------|---------|----------|---------|---------|
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 131979 | 132322 | 132665 | 131979 | 132322 | 132665 |
| 1.4MHz | QPSK | 1 | 0 | 21.56 | 21.89 | 21.63 | 0.162 | 0.175 | 0.164 |
| | | 1 | 2 | 21.88 | 21.95 | 21.69 | 0.174 | 0.177 | 0.167 |
| | | 1 | 5 | 21.79 | 21.83 | 21.23 | 0.171 | 0.172 | 0.150 |
| | | 3 | 0 | 20.58 | 21.18 | 20.68 | 0.129 | 0.148 | 0.132 |
| | | 3 | 1 | 20.82 | 20.92 | 20.88 | 0.136 | 0.140 | 0.138 |
| | | 3 | 3 | 21.11 | 20.83 | 20.61 | 0.146 | 0.137 | 0.130 |
| | 16QAM | 6 | 0 | 20.81 | 20.94 | 20.74 | 0.136 | 0.140 | 0.134 |
| | | 1 | 0 | 20.55 | 20.86 | 20.57 | 0.128 | 0.138 | 0.129 |
| | | 1 | 2 | 20.89 | 21.24 | 20.87 | 0.139 | 0.150 | 0.138 |
| | | 1 | 5 | 20.8 | 20.69 | 20.38 | 0.136 | 0.132 | 0.123 |
| | | 3 | 0 | 19.62 | 20.19 | 19.68 | 0.104 | 0.118 | 0.105 |
| | | 3 | 1 | 19.64 | 20.13 | 19.83 | 0.104 | 0.116 | 0.109 |
| | | 3 | 3 | 20.09 | 19.99 | 19.54 | 0.115 | 0.113 | 0.102 |
| | | 6 | 0 | 19.81 | 20.11 | 19.54 | 0.108 | 0.116 | 0.102 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 191987 | 132322 | 132657 | 191987 | 132322 | 132657 |
| 3MHz | QPSK | 1 | 0 | 21.43 | 21.72 | 21.82 | 0.157 | 0.168 | 0.172 |
| | | 1 | 8 | 21.96 | 22.09 | 21.81 | 0.177 | 0.183 | 0.171 |
| | | 1 | 14 | 21.65 | 21.78 | 21.32 | 0.165 | 0.170 | 0.153 |
| | | 8 | 0 | 20.81 | 20.98 | 20.9 | 0.136 | 0.142 | 0.139 |
| | | 8 | 4 | 20.6 | 20.89 | 20.68 | 0.130 | 0.139 | 0.132 |
| | | 8 | 7 | 20.97 | 21.07 | 20.38 | 0.141 | 0.145 | 0.123 |
| | 16QAM | 15 | 0 | 20.87 | 20.98 | 20.68 | 0.138 | 0.142 | 0.132 |
| | | 1 | 0 | 20.54 | 20.92 | 20.79 | 0.128 | 0.140 | 0.136 |
| | | 1 | 8 | 21.04 | 21.02 | 20.82 | 0.144 | 0.143 | 0.136 |
| | | 1 | 14 | 20.84 | 20.72 | 20.41 | 0.137 | 0.133 | 0.124 |
| | | 8 | 0 | 19.83 | 19.98 | 19.69 | 0.109 | 0.112 | 0.105 |
| | | 8 | 4 | 19.85 | 19.95 | 19.69 | 0.109 | 0.112 | 0.105 |
| | | 8 | 7 | 20.04 | 20 | 19.64 | 0.114 | 0.113 | 0.104 |
| | | 15 | 0 | 19.96 | 19.93 | 19.6 | 0.112 | 0.111 | 0.103 |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
| | | | | 131997 | 132322 | 132647 | 131997 | 132322 | 132647 |
| 5MHz | QPSK | 1 | 0 | 21.27 | 21.8 | 21.57 | 0.151 | 0.171 | 0.162 |
| | | 1 | 12 | 21.84 | 22.05 | 21.85 | 0.173 | 0.181 | 0.173 |
| | | 1 | 24 | 21.78 | 22 | 21.12 | 0.170 | 0.179 | 0.146 |
| | | 12 | 0 | 20.62 | 21.01 | 20.87 | 0.130 | 0.143 | 0.138 |
| | | 12 | 6 | 20.83 | 21.04 | 20.89 | 0.137 | 0.144 | 0.139 |
| | | 12 | 13 | 20.94 | 20.83 | 20.41 | 0.140 | 0.137 | 0.124 |
| | | 25 | 0 | 21.02 | 21.03 | 20.75 | 0.143 | 0.143 | 0.134 |
| | 16QAM | 1 | 0 | 20.33 | 20.94 | 20.66 | 0.122 | 0.140 | 0.132 |
| | | 1 | 12 | 20.98 | 21.25 | 20.85 | 0.142 | 0.151 | 0.137 |
| | | 1 | 24 | 20.73 | 20.79 | 20.15 | 0.134 | 0.136 | 0.117 |
| | | 12 | 0 | 19.73 | 20.06 | 19.67 | 0.106 | 0.115 | 0.105 |
| | | 12 | 6 | 19.91 | 19.92 | 19.79 | 0.111 | 0.111 | 0.108 |

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Channel | Channel | Channel |
|-----------|------------|---------|-----------|---------|---------|---------|---------|---------|---------|
| | | | | 132022 | 132322 | 132622 | 132022 | 132322 | 132622 |
| 10MHz | QPSK | 12 | 13 | 19.91 | 19.86 | 19.65 | 0.111 | 0.109 | 0.104 |
| | | 25 | 0 | 20.01 | 19.93 | 19.72 | 0.113 | 0.111 | 0.106 |
| | | 1 | 0 | 21.43 | 21.8 | 21.6 | 0.157 | 0.171 | 0.163 |
| | | 1 | 24 | 21.81 | 22.19 | 21.78 | 0.171 | 0.187 | 0.170 |
| | | 1 | 49 | 21.78 | 21.8 | 21.2 | 0.170 | 0.171 | 0.149 |
| | | 25 | 0 | 20.81 | 21.07 | 20.67 | 0.136 | 0.145 | 0.132 |
| | | 25 | 12 | 20.76 | 20.9 | 20.8 | 0.135 | 0.139 | 0.136 |
| | 16QAM | 25 | 25 | 21.03 | 20.87 | 20.57 | 0.143 | 0.138 | 0.129 |
| | | 50 | 0 | 20.82 | 21.05 | 20.68 | 0.136 | 0.144 | 0.132 |
| | | 1 | 0 | 20.3 | 20.76 | 20.68 | 0.121 | 0.135 | 0.132 |
| | | 1 | 24 | 21.03 | 21.27 | 20.73 | 0.143 | 0.151 | 0.134 |
| | | 1 | 49 | 20.94 | 20.87 | 20.15 | 0.140 | 0.138 | 0.117 |
| | | 25 | 0 | 19.68 | 20.1 | 19.76 | 0.105 | 0.116 | 0.107 |
| | | 25 | 12 | 19.72 | 19.97 | 19.78 | 0.106 | 0.112 | 0.107 |
| 15MHz | QPSK | 25 | 25 | 20.15 | 20.05 | 19.63 | 0.117 | 0.114 | 0.104 |
| | | 50 | 0 | 20.04 | 19.83 | 19.59 | 0.114 | 0.109 | 0.103 |
| | | 1 | 0 | 21.29 | 21.75 | 21.83 | 0.152 | 0.169 | 0.172 |
| | | 1 | 38 | 22.09 | 21.97 | 21.64 | 0.183 | 0.178 | 0.165 |
| | | 1 | 74 | 21.78 | 21.95 | 21.14 | 0.170 | 0.177 | 0.147 |
| | | 36 | 0 | 20.85 | 21.14 | 20.92 | 0.137 | 0.147 | 0.140 |
| | | 36 | 18 | 20.85 | 21.12 | 20.76 | 0.137 | 0.146 | 0.135 |
| | 16QAM | 36 | 37 | 20.93 | 20.83 | 20.6 | 0.140 | 0.137 | 0.130 |
| | | 75 | 0 | 20.72 | 21.03 | 20.45 | 0.133 | 0.143 | 0.125 |
| | | 1 | 0 | 20.45 | 20.82 | 20.78 | 0.125 | 0.136 | 0.135 |
| | | 1 | 38 | 20.92 | 21.3 | 20.93 | 0.140 | 0.152 | 0.140 |
| | | 1 | 74 | 20.81 | 20.92 | 20.36 | 0.136 | 0.140 | 0.123 |
| | | 36 | 0 | 19.91 | 20.13 | 19.8 | 0.111 | 0.116 | 0.108 |
| | | 36 | 18 | 19.9 | 19.92 | 19.87 | 0.110 | 0.111 | 0.110 |
| 20MHz | QPSK | 36 | 37 | 20.15 | 19.88 | 19.56 | 0.117 | 0.110 | 0.102 |
| | | 75 | 0 | 19.84 | 19.86 | 19.55 | 0.109 | 0.109 | 0.102 |
| | | 1 | 0 | 21.67 | 22.1 | 21.95 | 0.166 | 0.183 | 0.177 |
| | | 1 | 49 | 22.21 | 22.32 | 22.02 | 0.188 | 0.193 | 0.180 |
| | | 1 | 99 | 22.05 | 22.11 | 21.5 | 0.181 | 0.184 | 0.160 |
| | | 50 | 0 | 20.98 | 21.3 | 21.05 | 0.142 | 0.152 | 0.144 |
| | | 50 | 25 | 20.99 | 21.29 | 21 | 0.142 | 0.152 | 0.142 |
| | 16QAM | 50 | 50 | 21.22 | 21.19 | 20.76 | 0.150 | 0.149 | 0.135 |
| | | 100 | 0 | 21.12 | 21.21 | 20.85 | 0.146 | 0.149 | 0.137 |
| | | 1 | 0 | 20.7 | 21.09 | 20.93 | 0.133 | 0.145 | 0.140 |
| | | 1 | 49 | 21.19 | 21.42 | 21.09 | 0.149 | 0.157 | 0.145 |

| | | | | | | | | | |
|--|--|-----|----|-------|-------|-------|-------|-------|-------|
| | | 1 | 99 | 21.04 | 21.09 | 20.51 | 0.144 | 0.145 | 0.127 |
| | | 50 | 0 | 20.01 | 20.33 | 20.03 | 0.113 | 0.122 | 0.114 |
| | | 50 | 25 | 20.01 | 20.29 | 20.04 | 0.113 | 0.121 | 0.114 |
| | | 50 | 50 | 20.29 | 20.24 | 19.78 | 0.121 | 0.119 | 0.107 |
| | | 100 | 0 | 20.15 | 20.22 | 19.88 | 0.117 | 0.119 | 0.110 |

8.2. Appendix B: Peak-to-Average Ratio(CCDF)

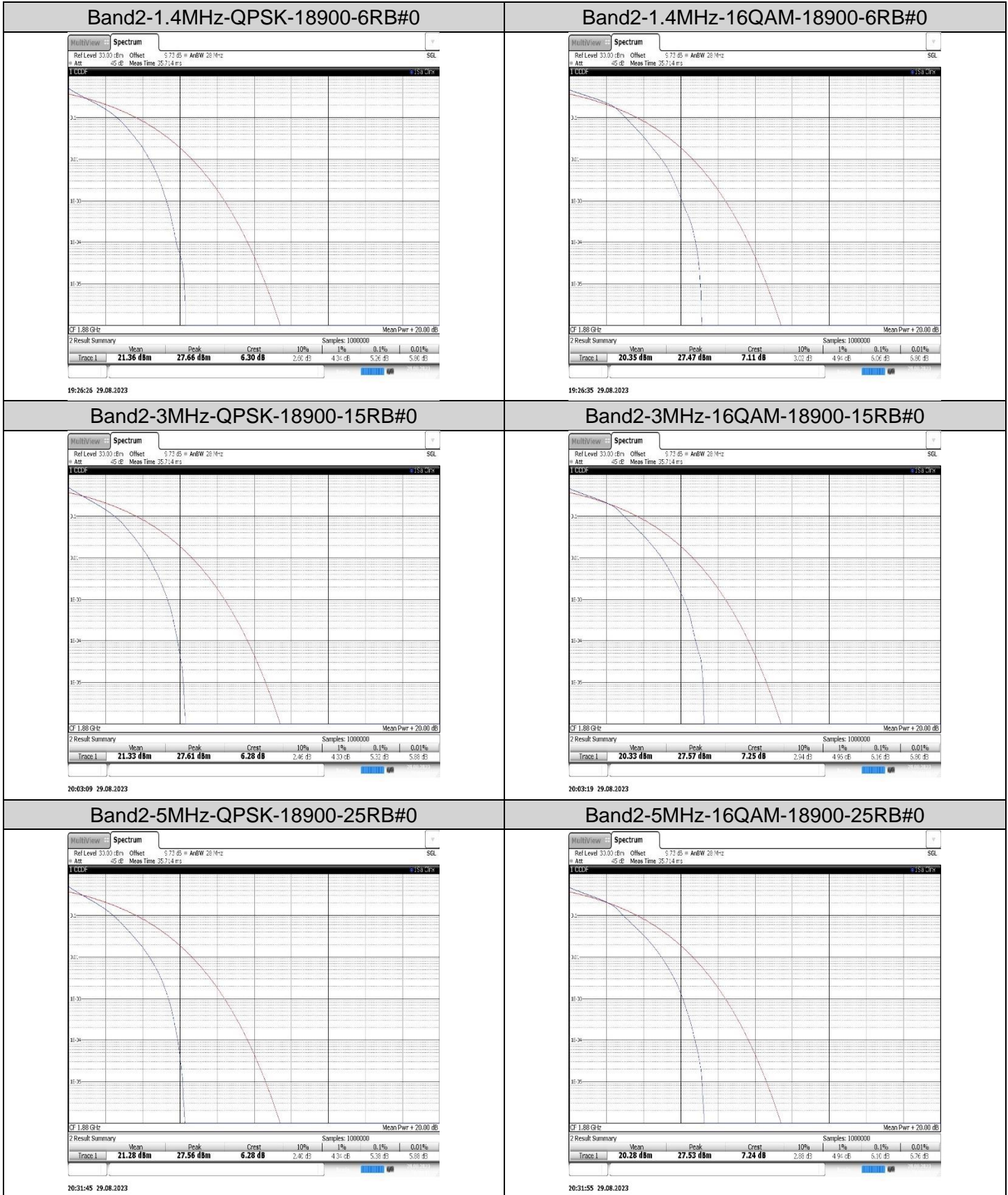
8.2.1. Test Result

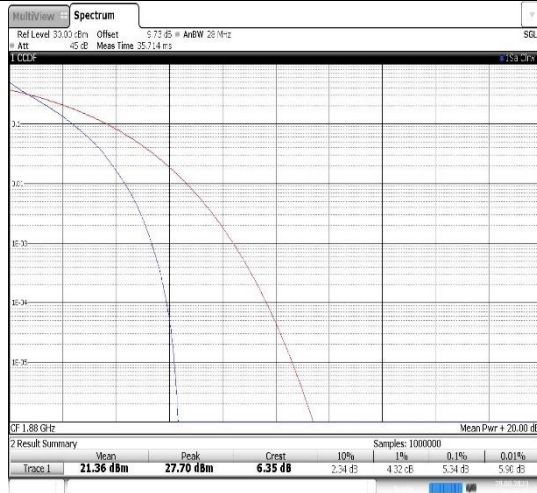
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 1.4MHz | QPSK | 18900 | 6RB#0 | 5.26 | 13 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | 6.06 | 13 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 15RB#0 | 5.32 | 13 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0 | 6.16 | 13 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 25RB#0 | 5.38 | 13 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 25RB#0 | 6.10 | 13 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 50RB#0 | 5.34 | 13 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0 | 6.12 | 13 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 75RB#0 | 5.66 | 13 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0 | 6.26 | 13 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 100RB#0 | 5.44 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 6.24 | 13 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 5.32 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 6.06 | 13 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 5.34 | 13 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 6.24 | 13 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 5.56 | 13 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 6.28 | 13 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 5.52 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 6.30 | 13 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 5.84 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 6.44 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 5.56 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 6.36 | 13 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 5.38 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 6.18 | 13 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 5.48 | 13 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 6.30 | 13 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 5.56 | 13 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 6.28 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 5.56 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 6.32 | 13 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 5.42 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 6.20 | 13 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 5.40 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 6.24 | 13 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 5.72 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 6.38 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 5.52 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.36 | 13 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 5.46 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 6.24 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 5.50 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 6.36 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 5.50 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 6.28 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 5.40 | 13 | PASS |

| | | | | | | | |
|-----------------|--------|-------|--------|---------|-------|----|------|
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 6.22 | 13 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 5.30 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 6.08 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 5.36 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 6.18 | 13 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 6RB#0 | 5.24 | 13 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0 | 6.02 | 13 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 15RB#0 | 5.28 | 13 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0 | 6.12 | 13 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 25RB#0 | 5.28 | 13 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 25RB#0 | 6.04 | 13 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 50RB#0 | 5.26 | 13 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0 | 6.06 | 13 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 75RB#0 | 5.58 | 13 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0 | 6.18 | 13 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | 5.50 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 6.30 | 13 | PASS |
| Band26(814-824) | 1.4MHz | QPSK | 26740 | 6RB#0 | 5.36 | 13 | PASS |
| Band26(814-824) | 1.4MHz | 16QAM | 26740 | 6RB#0 | 6.18 | 13 | PASS |
| Band26(814-824) | 3MHz | QPSK | 26740 | 15RB#0 | 5.44 | 13 | PASS |
| Band26(814-824) | 3MHz | 16QAM | 26740 | 15RB#0 | 6.30 | 13 | PASS |
| Band26(814-824) | 5MHz | QPSK | 26740 | 25RB#0 | 5.50 | 13 | PASS |
| Band26(814-824) | 5MHz | 16QAM | 26740 | 25RB#0 | 6.26 | 13 | PASS |
| Band26(814-824) | 10MHz | QPSK | 26740 | 50RB#0 | 5.52 | 13 | PASS |
| Band26(814-824) | 10MHz | 16QAM | 26740 | 50RB#0 | 6.32 | 13 | PASS |
| Band26(824-849) | 1.4MHz | QPSK | 26915 | 6RB#0 | 5.12 | 13 | PASS |
| Band26(824-849) | 1.4MHz | 16QAM | 26915 | 6RB#0 | 5.96 | 13 | PASS |
| Band26(824-849) | 3MHz | QPSK | 26915 | 15RB#0 | 5.20 | 13 | PASS |
| Band26(824-849) | 3MHz | 16QAM | 26915 | 15RB#0 | 6.06 | 13 | PASS |
| Band26(824-849) | 5MHz | QPSK | 26915 | 25RB#0 | 5.44 | 13 | PASS |
| Band26(824-849) | 5MHz | 16QAM | 26915 | 25RB#0 | 6.16 | 13 | PASS |
| Band26(824-849) | 10MHz | QPSK | 26915 | 50RB#0 | 5.62 | 13 | PASS |
| Band26(824-849) | 10MHz | 16QAM | 26915 | 50RB#0 | 6.38 | 13 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 25RB#0 | 9.34 | 13 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 10.00 | 13 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 9.34 | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 10.04 | 13 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 9.66 | 13 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 10.22 | 13 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 9.30 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 10.04 | 13 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 25RB#0 | 9.38 | 13 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 25RB#0 | 9.94 | 13 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 50RB#0 | 9.32 | 13 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 10.04 | 13 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 75RB#0 | 9.68 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0 | 10.22 | 13 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | 9.30 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 10.02 | 13 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 6RB#0 | 5.54 | 13 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 6RB#0 | 6.32 | 13 | PASS |

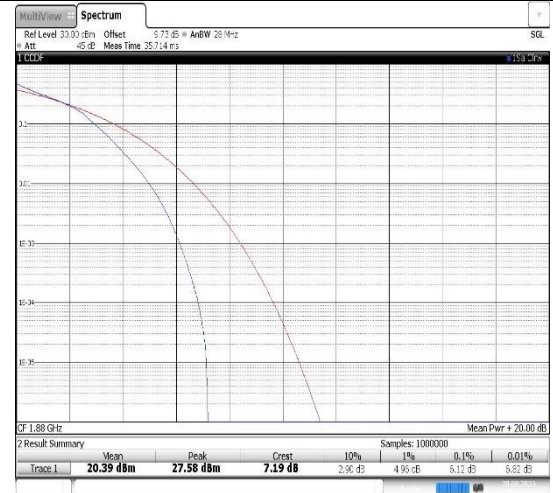
| | | | | | | | |
|--------|-------|-------|--------|---------|------|----|------|
| Band66 | 3MHz | QPSK | 132322 | 15RB#0 | 5.56 | 13 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 15RB#0 | 6.42 | 13 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 1RB#0 | 5.66 | 13 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 25RB#0 | 5.62 | 13 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#0 | 6.12 | 13 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 25RB#0 | 6.38 | 13 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 50RB#0 | 5.76 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0 | 6.52 | 13 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 75RB#0 | 5.96 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0 | 6.56 | 13 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 100RB#0 | 5.78 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 6.58 | 13 | PASS |

8.2.2. Test Graphs

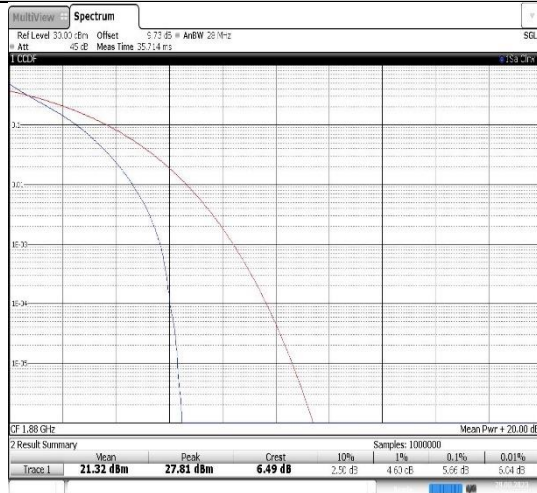


Band2-10MHz-QPSK-18900-50RB#0


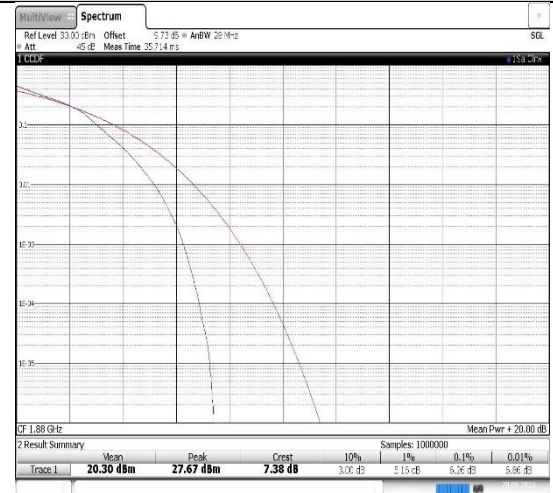
20:39:41 29.08.2023

Band2-10MHz-16QAM-18900-50RB#0


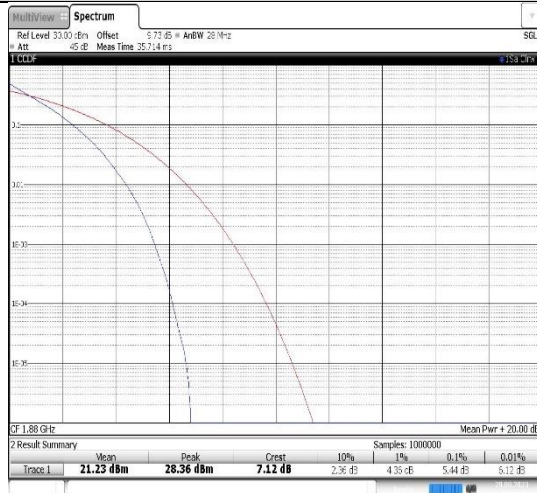
20:39:50 29.08.2023

Band2-15MHz-QPSK-18900-75RB#0


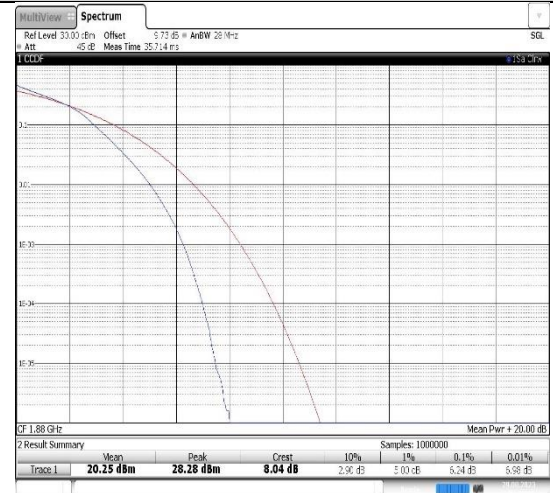
20:49:24 29.08.2023

Band2-15MHz-16QAM-18900-75RB#0


20:49:34 29.08.2023

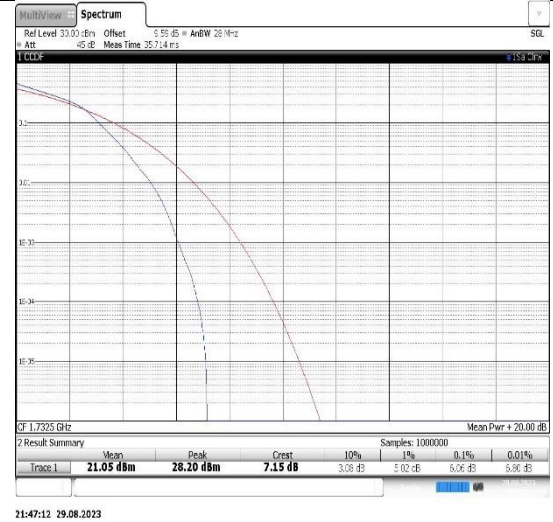
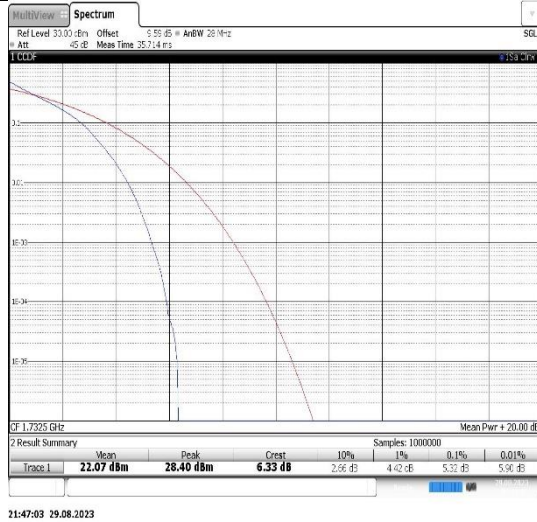
Band2-20MHz-QPSK-18900-100RB#0


20:59:52 29.08.2023

Band2-20MHz-16QAM-18900-100RB#0


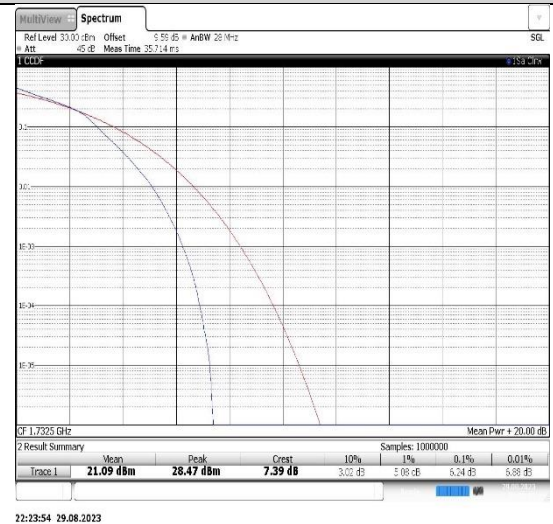
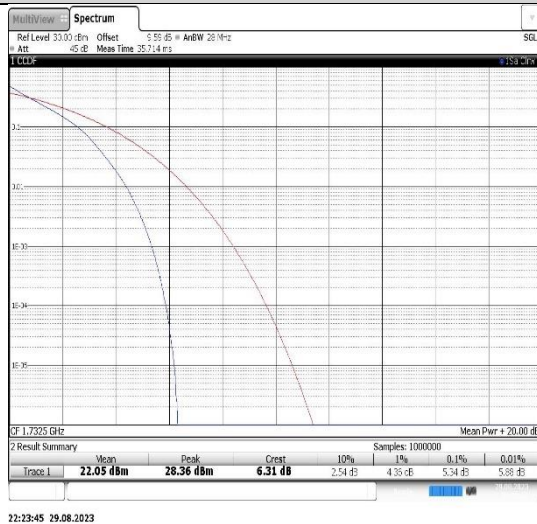
21:00:01 29.08.2023

Band4-1.4MHz-QPSK-20175-6RB#0
Band4-1.4MHz-16QAM-20175-6RB#0



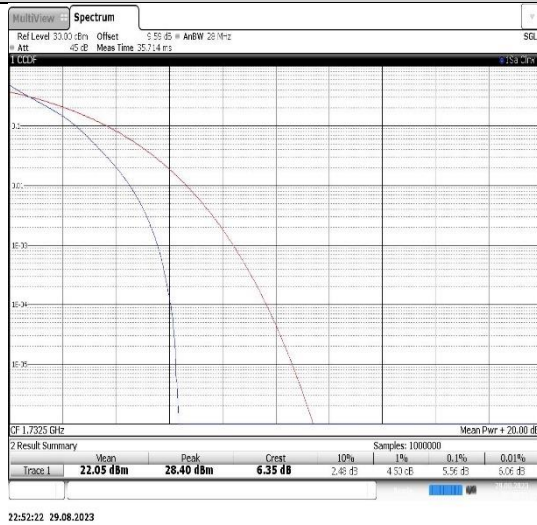
Band4-3MHz-QPSK-20175-15RB#0

Band4-3MHz-16QAM-20175-15RB#0



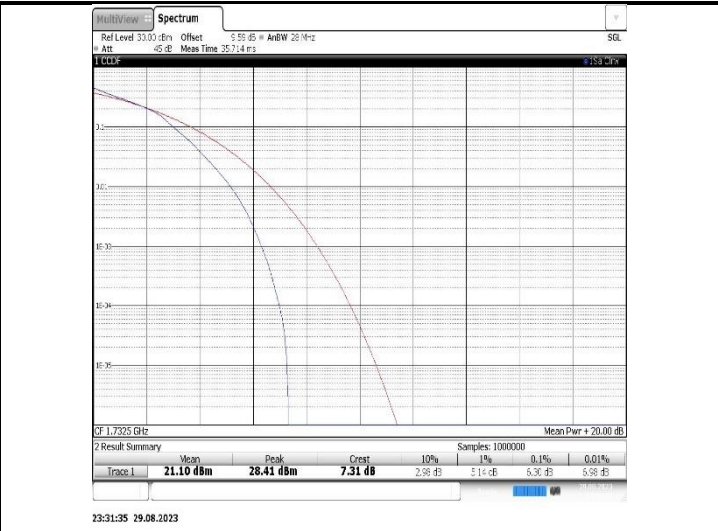
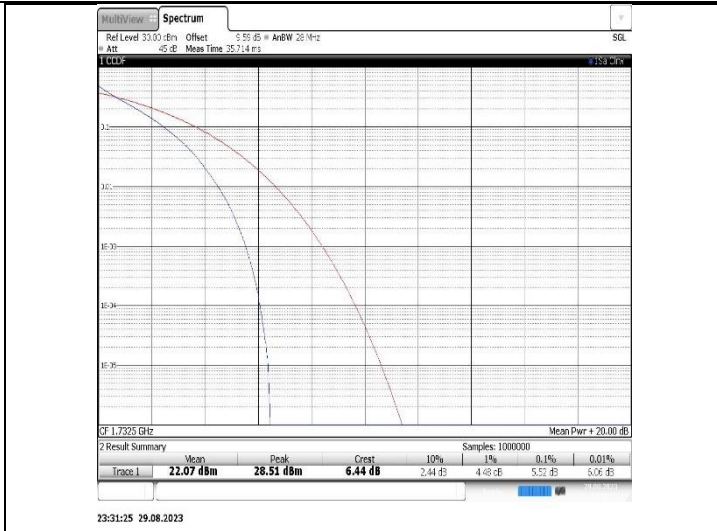
Band4-5MHz-QPSK-20175-25RB#0

Band4-5MHz-16QAM-20175-25RB#0



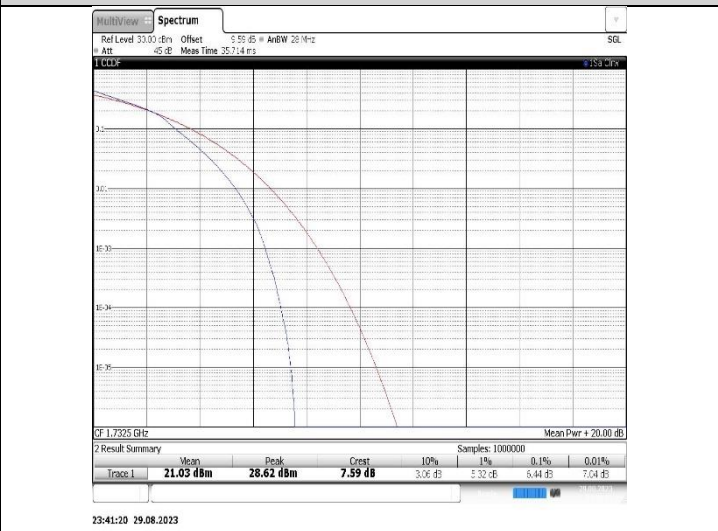
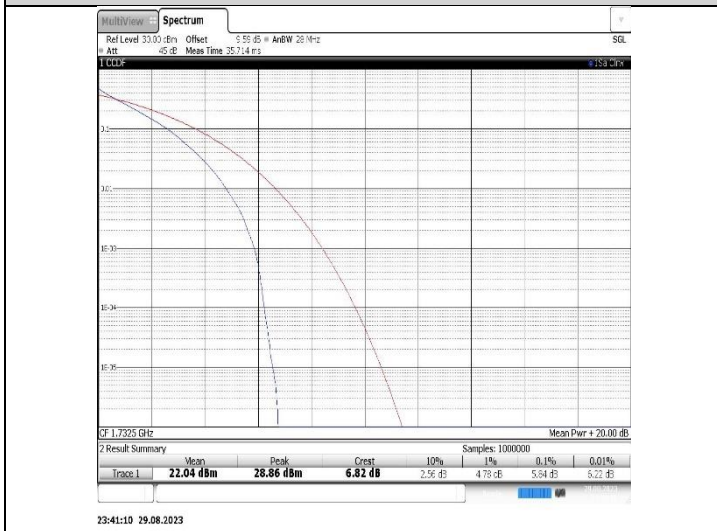
Band4-10MHz-QPSK-20175-50RB#0

Band4-10MHz-16QAM-20175-50RB#0



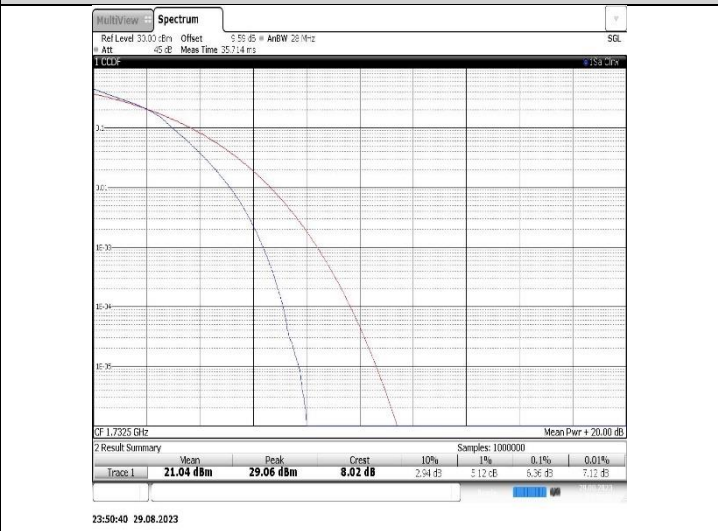
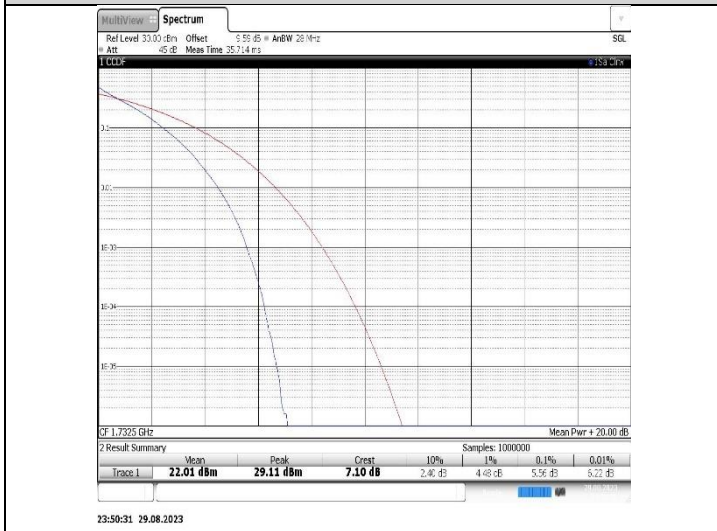
Band4-15MHz-QPSK-20175-75RB#0

Band4-15MHz-16QAM-20175-75RB#0



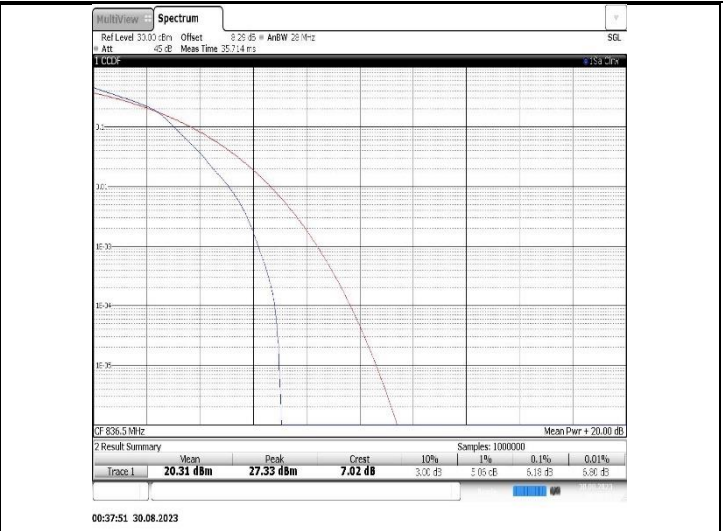
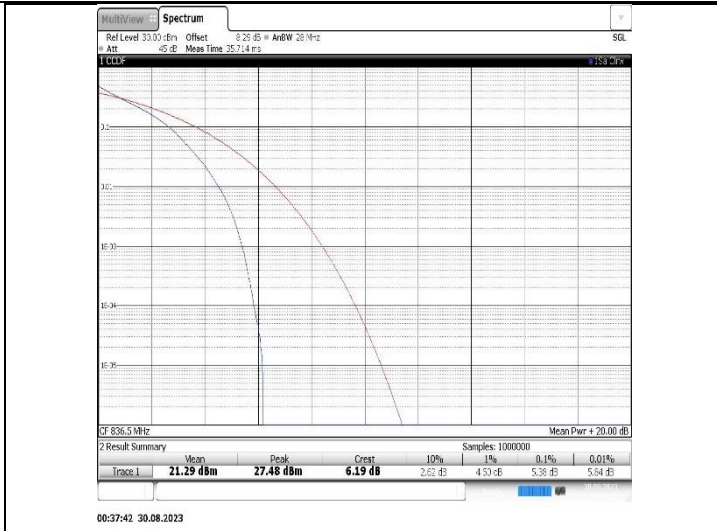
Band4-20MHz-QPSK-20175-100RB#0

Band4-20MHz-16QAM-20175-100RB#0



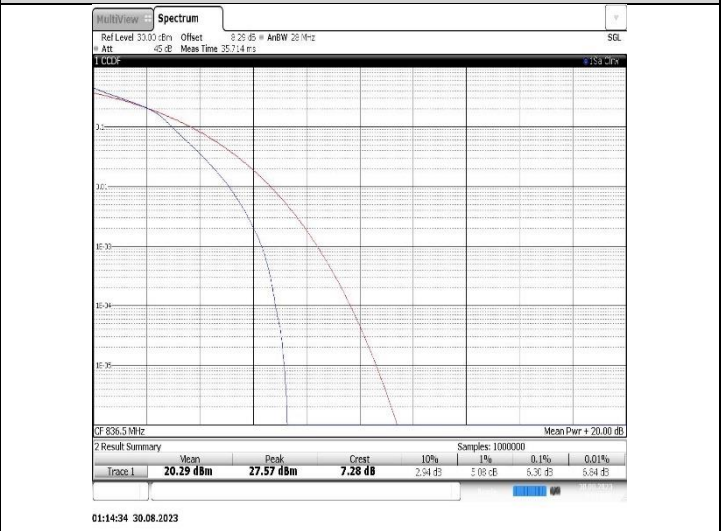
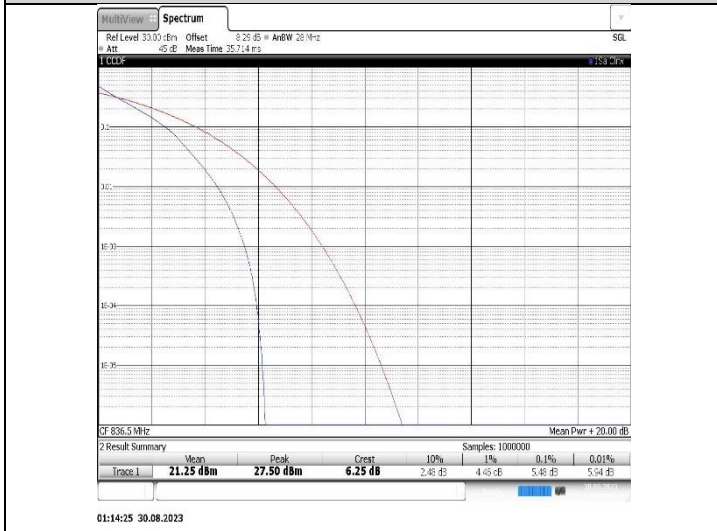
Band5-1.4MHz-QPSK-20525-6RB#0

Band5-1.4MHz-16QAM-20525-6RB#0



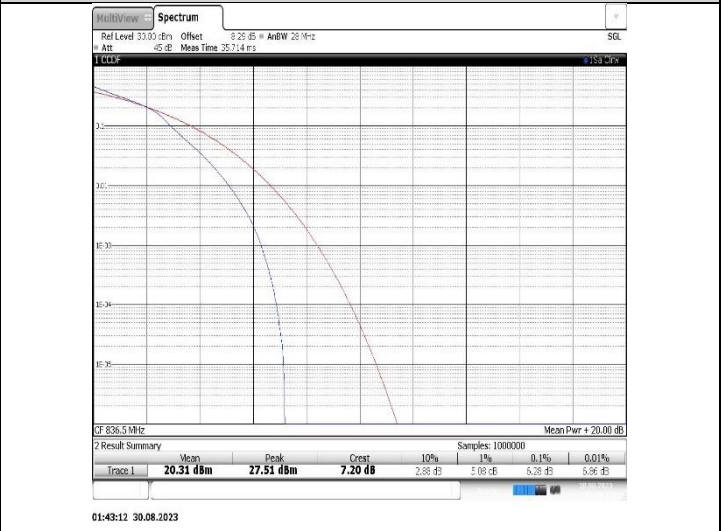
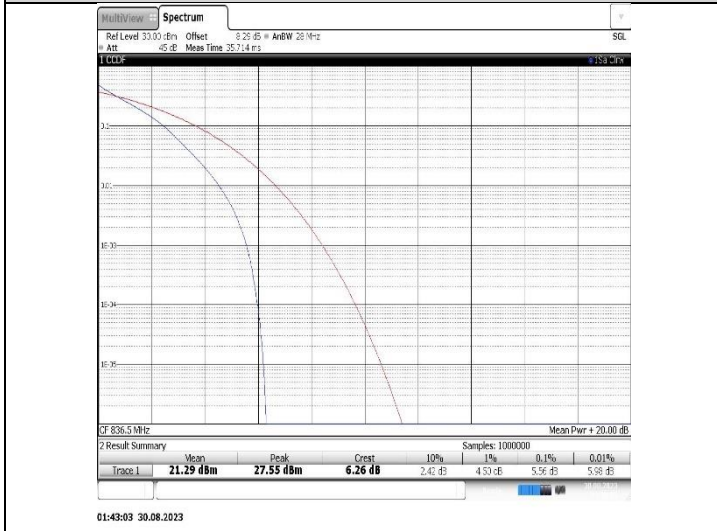
Band5-3MHz-QPSK-20525-15RB#0

Band5-3MHz-16QAM-20525-15RB#0



Band5-5MHz-QPSK-20525-25RB#0

Band5-5MHz-16QAM-20525-25RB#0



Band5-10MHz-QPSK-20525-50RB#0

Band5-10MHz-16QAM-20525-50RB#0