

Fig.67

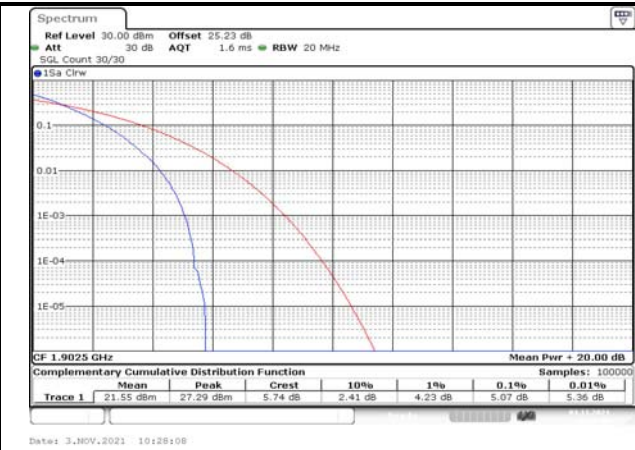


Fig.68

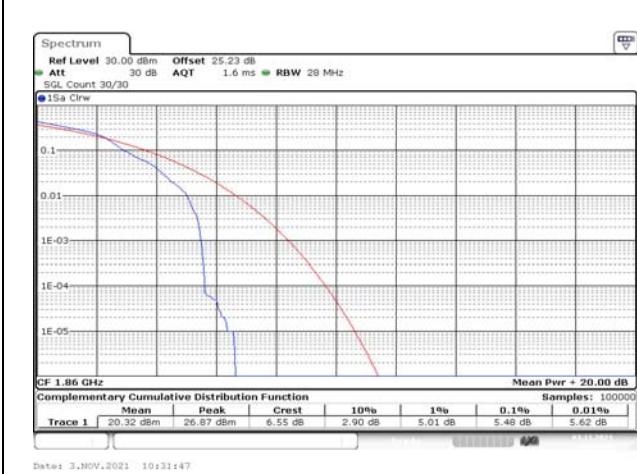


Fig.69

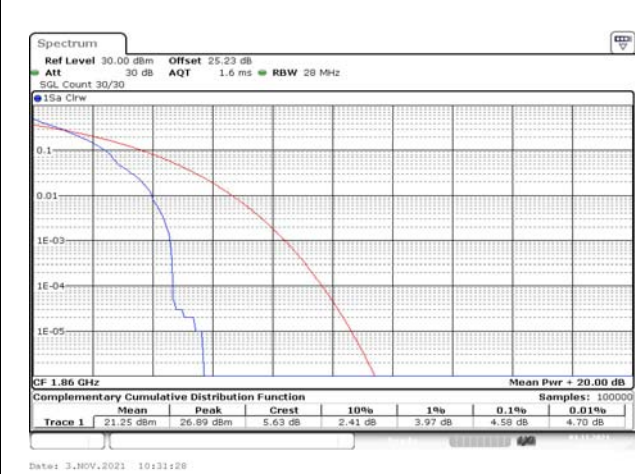


Fig.70

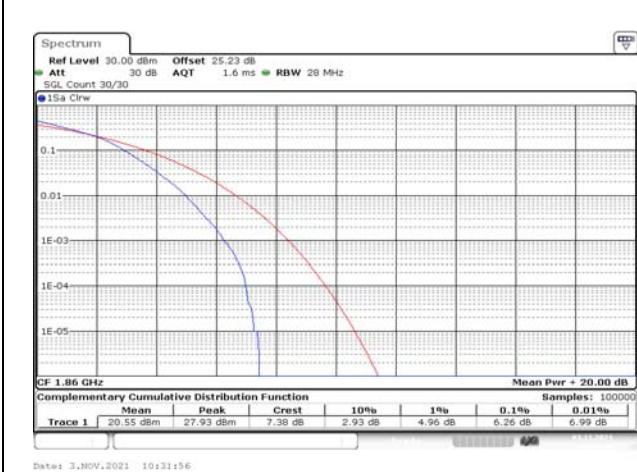


Fig.71

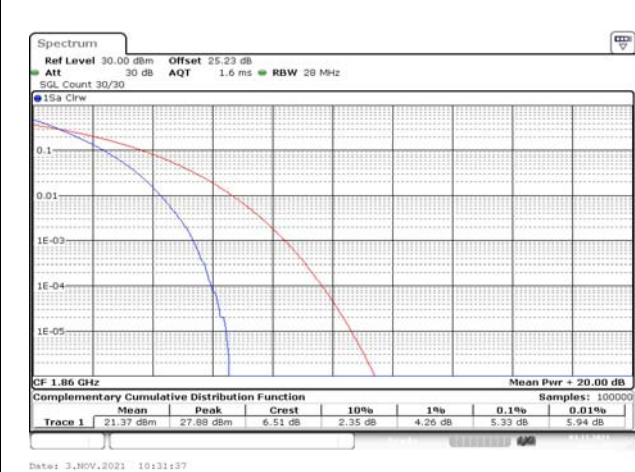


Fig.72

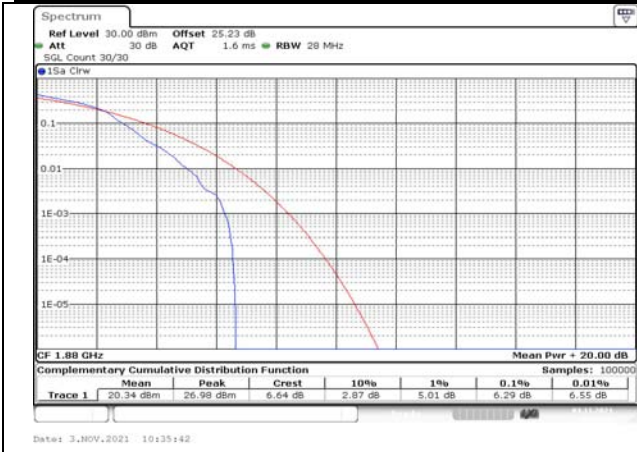


Fig.73



Fig.74

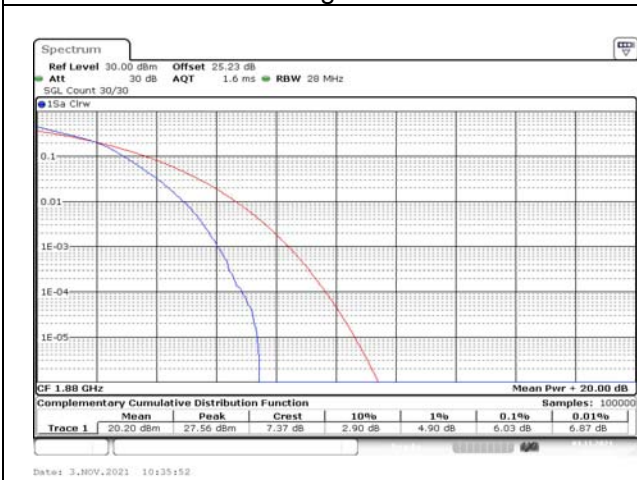


Fig.75

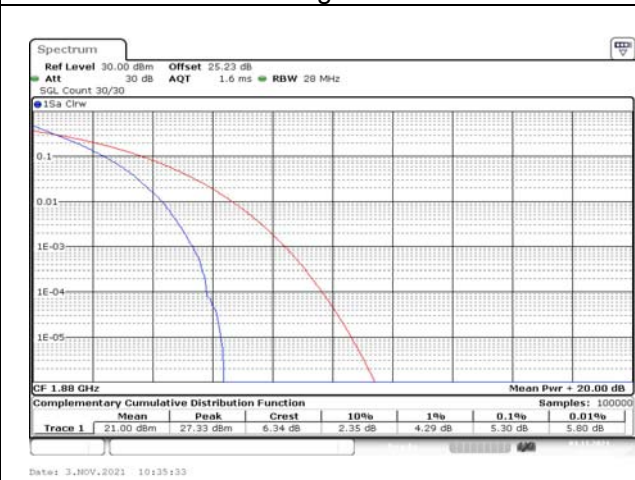


Fig.76

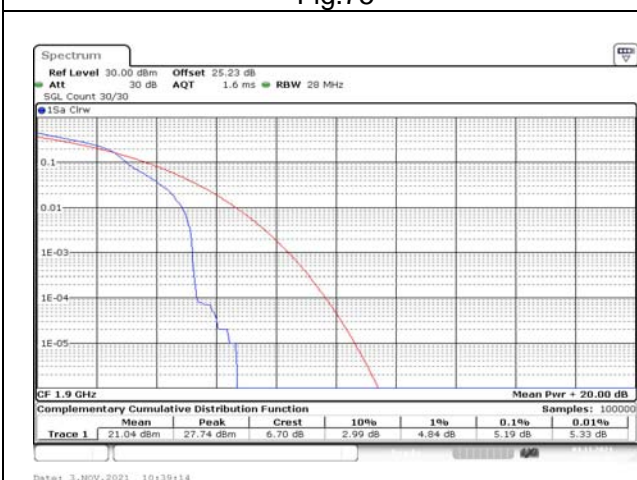


Fig.77

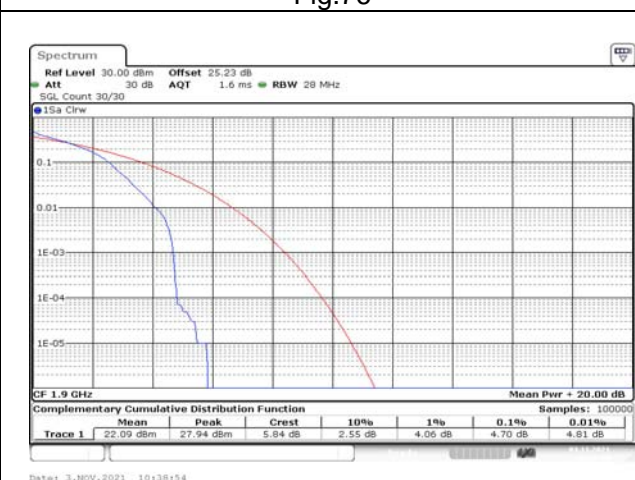


Fig.78

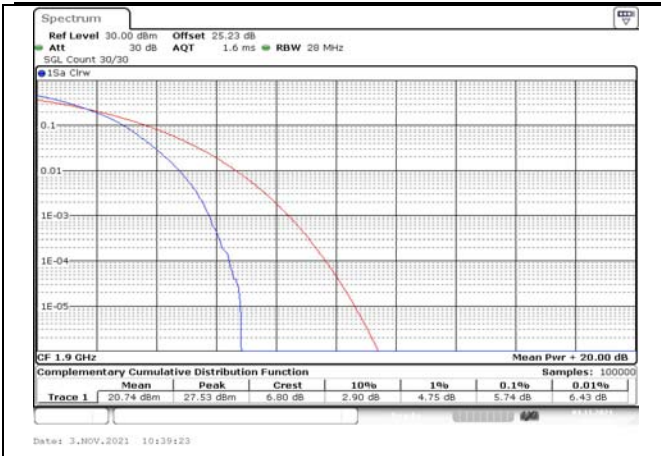


Fig.79

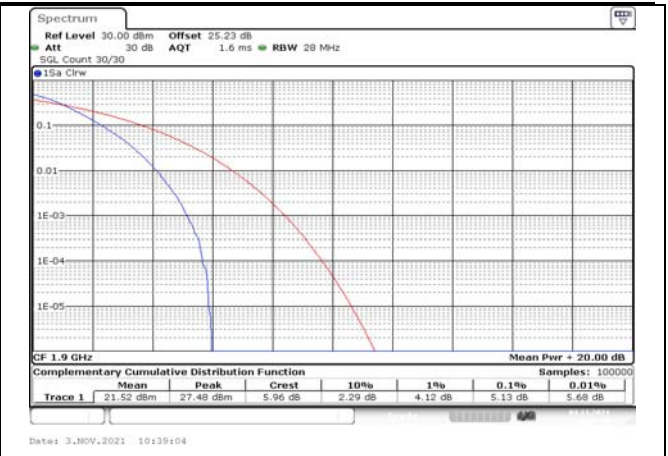


Fig.80

7 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
| | | | | | | QPSK |
| 2 | 1860 | 18700 | 20 | 1 | 0 | Fig.1 |
| 2 | 1880 | 18900 | 20 | 1 | 0 | Fig.2 |
| 2 | 1900 | 19100 | 20 | 1 | 0 | Fig.3 |

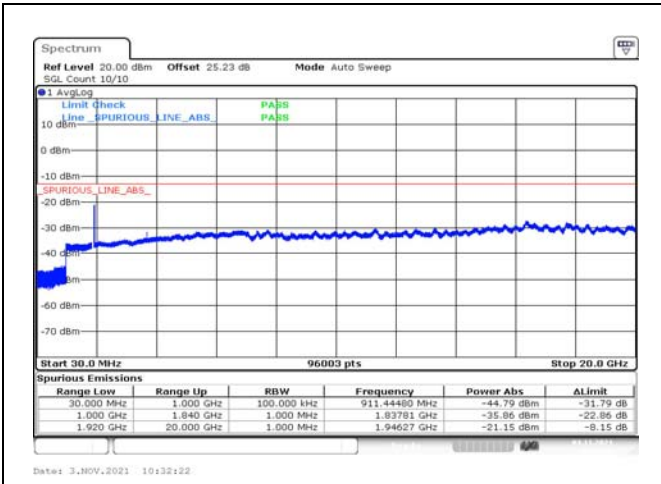


Fig.1

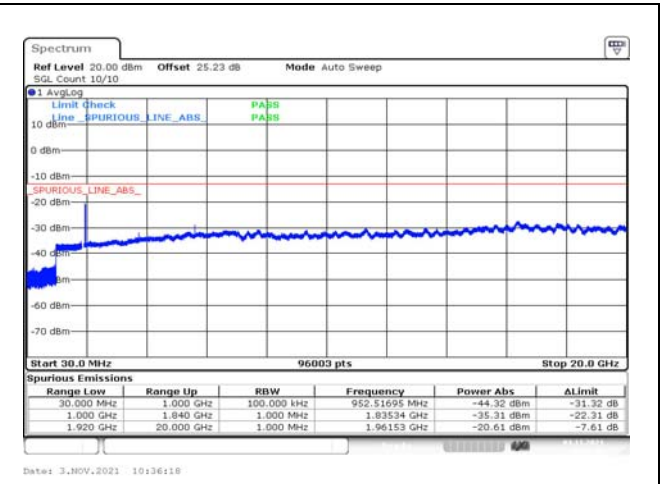


Fig.2

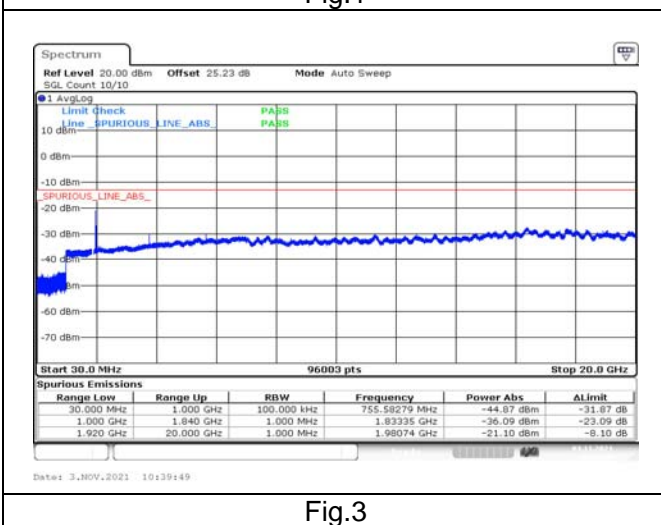


Fig.3

8 Band Edges Compliance

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|------|-------------------------|---------|-----|---------|-----------|-----------------|
| | | | | | | QPSK |
| 2 | 1850.7 | 18607 | 1.4 | 1 | 0 | Fig.1 |
| 2 | 1850.7 | 18607 | 1.4 | 6 | 0 | Fig.2 |
| 2 | 1909.3 | 19193 | 1.4 | 1 | 5 | Fig.3 |
| 2 | 1909.3 | 19193 | 1.4 | 6 | 0 | Fig.4 |
| 2 | 1851.5 | 18615 | 3 | 1 | 0 | Fig.5 |
| 2 | 1851.5 | 18615 | 3 | 15 | 0 | Fig.6 |
| 2 | 1908.5 | 19185 | 3 | 1 | 14 | Fig.7 |
| 2 | 1908.5 | 19185 | 3 | 15 | 0 | Fig.8 |
| 2 | 1852.5 | 18625 | 5 | 1 | 0 | Fig.9 |
| 2 | 1852.5 | 18625 | 5 | 25 | 0 | Fig.10 |
| 2 | 1907.5 | 19175 | 5 | 1 | 24 | Fig.11 |
| 2 | 1907.5 | 19175 | 5 | 25 | 0 | Fig.12 |
| 2 | 1855 | 18650 | 10 | 1 | 0 | Fig.13 |
| 2 | 1855 | 18650 | 10 | 50 | 0 | Fig.14 |
| 2 | 1905 | 19150 | 10 | 1 | 49 | Fig.15 |
| 2 | 1905 | 19150 | 10 | 50 | 0 | Fig.16 |
| 2 | 1857.5 | 18675 | 15 | 1 | 0 | Fig.17 |
| 2 | 1857.5 | 18675 | 15 | 75 | 0 | Fig.18 |
| 2 | 1902.5 | 19125 | 15 | 1 | 74 | Fig.19 |
| 2 | 1902.5 | 19125 | 15 | 75 | 0 | Fig.20 |
| 2 | 1860 | 18700 | 20 | 1 | 0 | Fig.21 |
| 2 | 1860 | 18700 | 20 | 100 | 0 | Fig.22 |
| 2 | 1900 | 19100 | 20 | 1 | 99 | Fig.23 |
| 2 | 1900 | 19100 | 20 | 100 | 0 | Fig.24 |

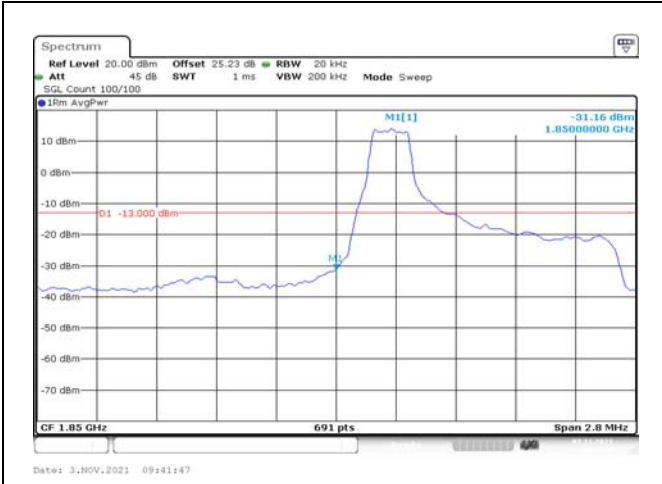


Fig.1

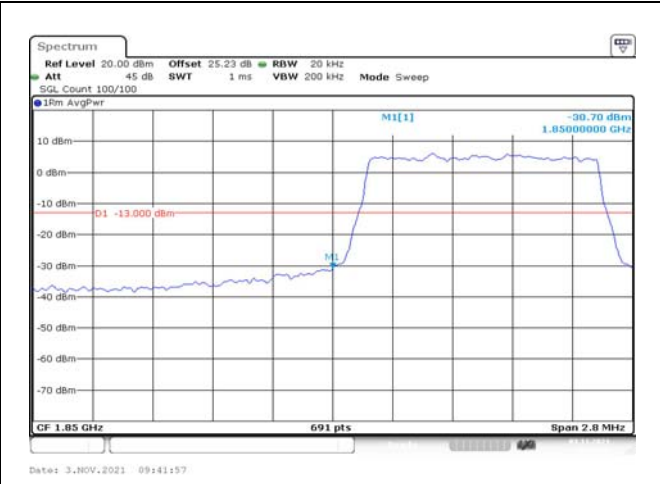


Fig.2

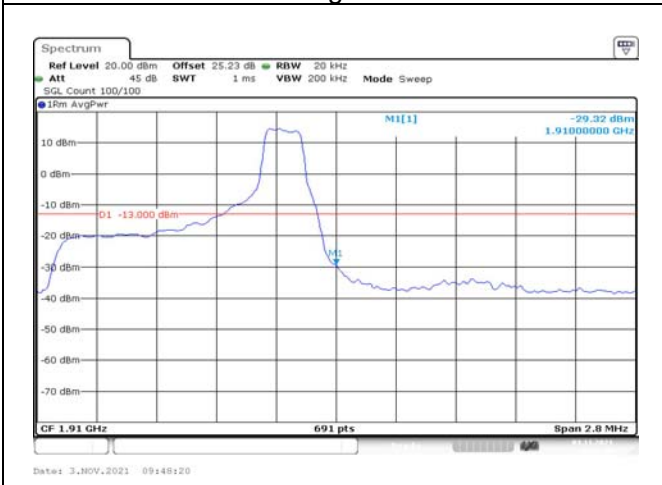


Fig.3

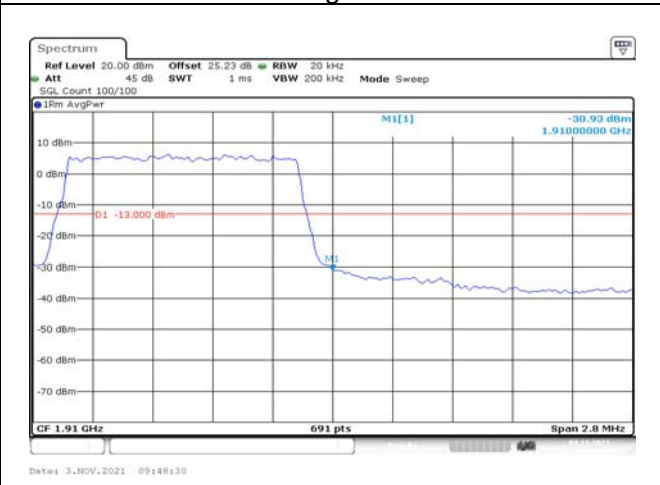


Fig.4

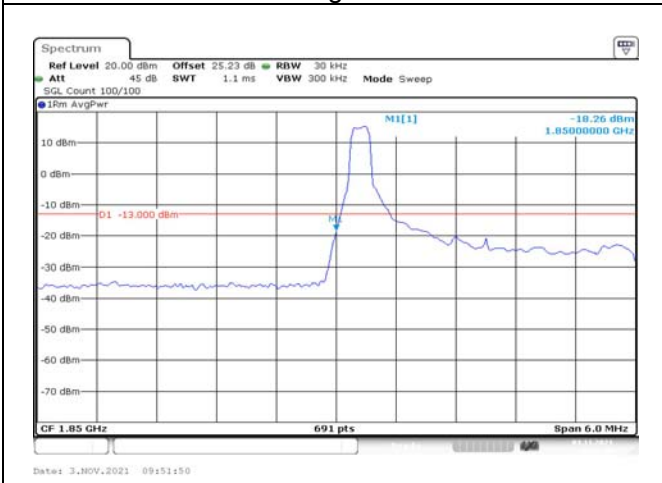


Fig.5

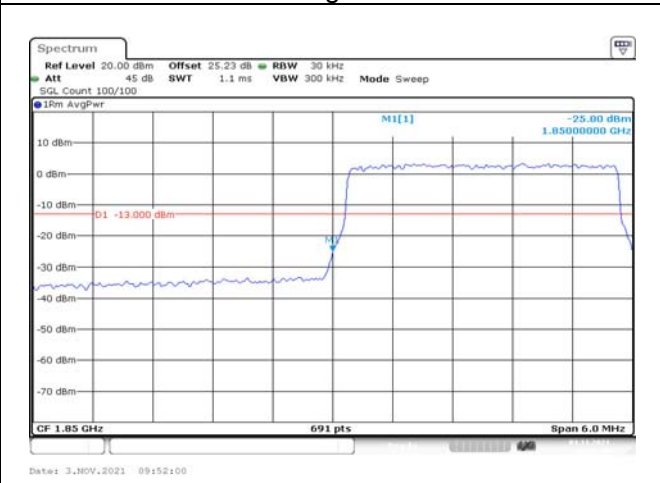


Fig.6



Fig.7



Fig.8

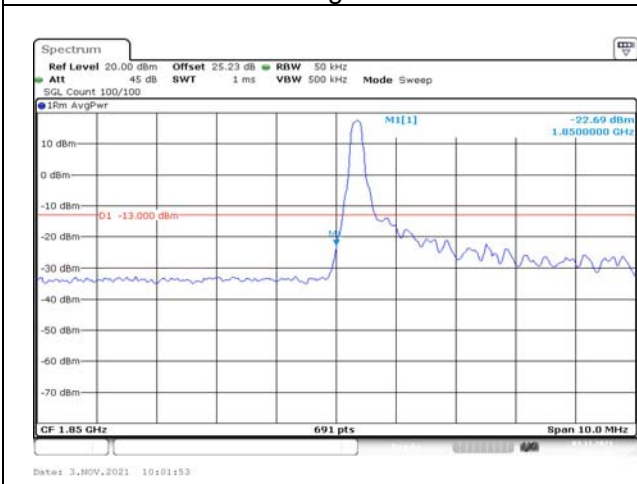


Fig.9

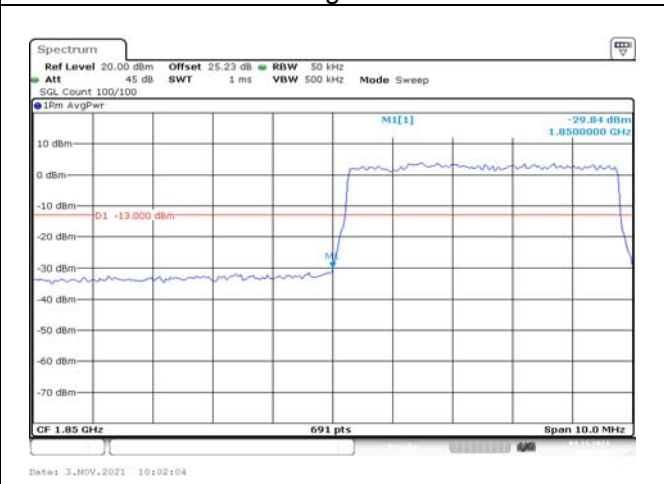


Fig.10

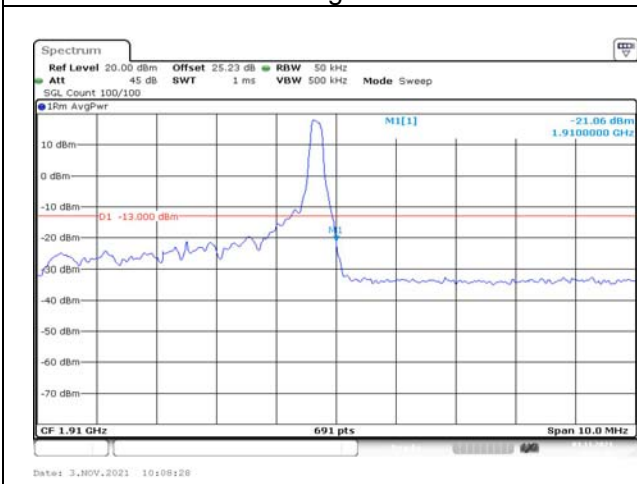


Fig.11

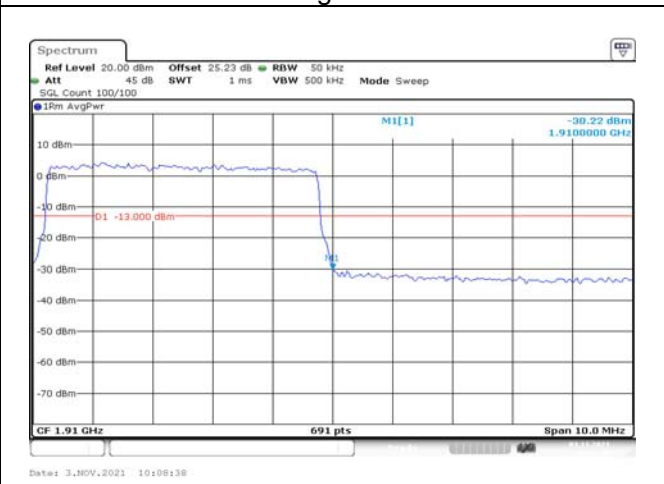


Fig.12

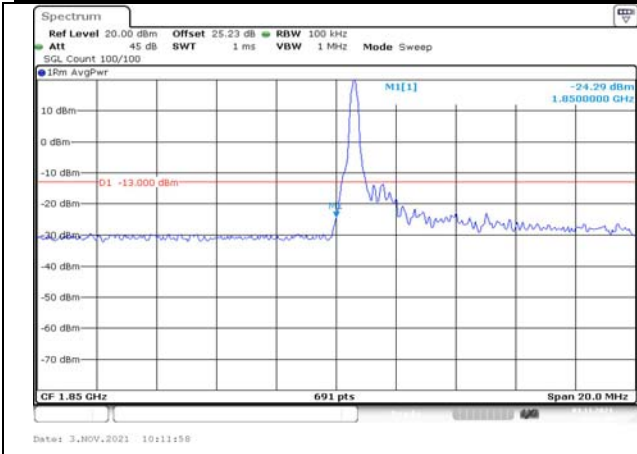


Fig.13

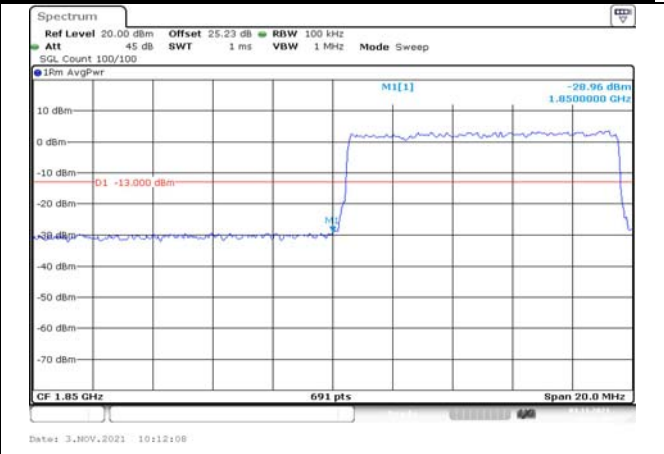


Fig.14

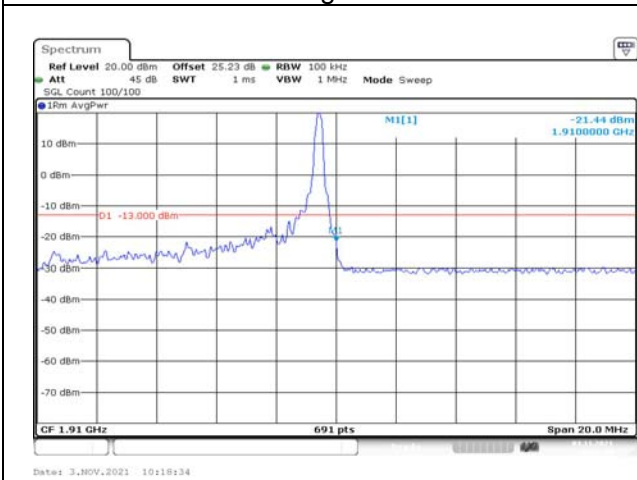


Fig.15

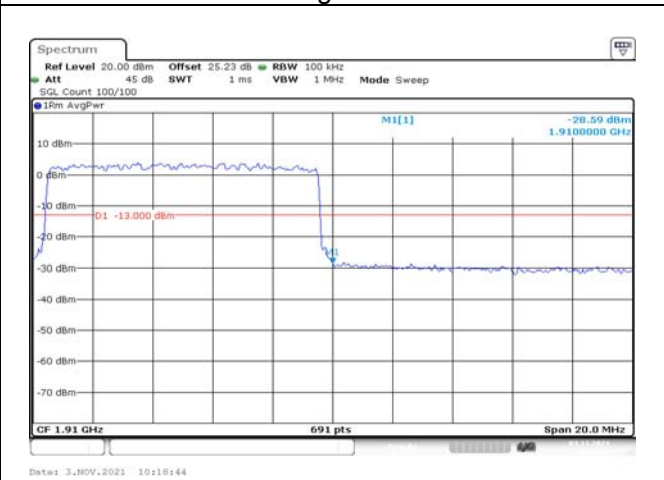


Fig.16

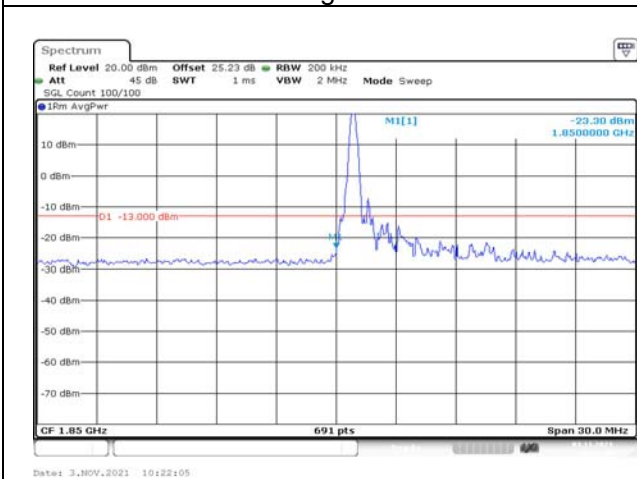


Fig.17

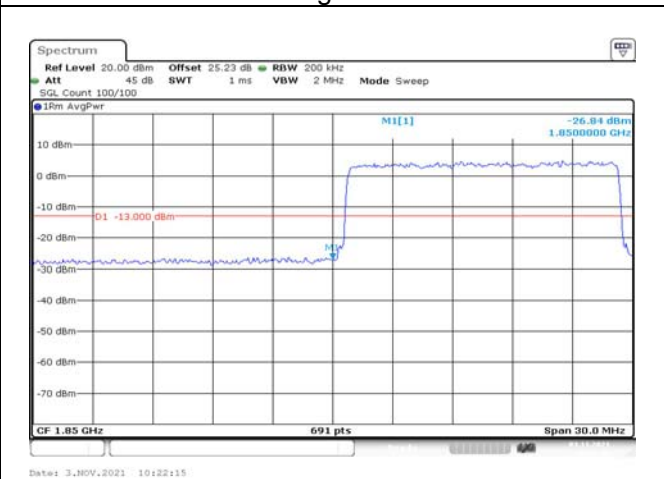


Fig.18

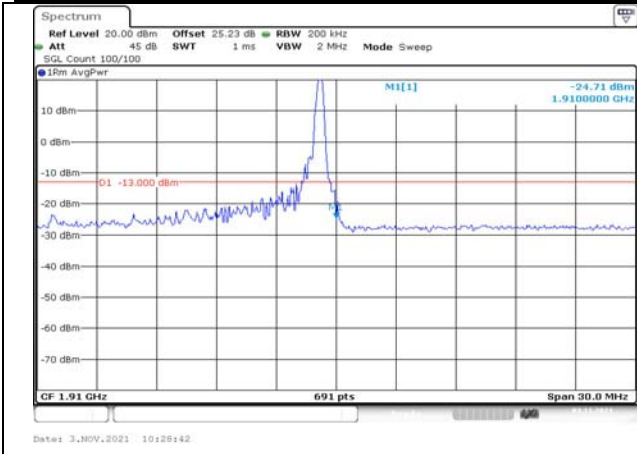


Fig.19

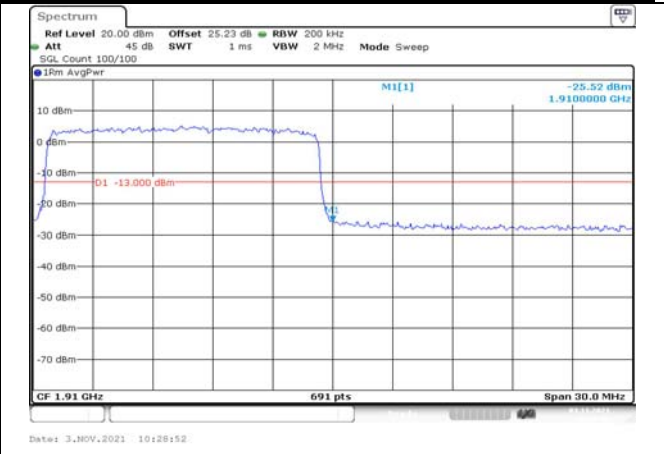


Fig.20

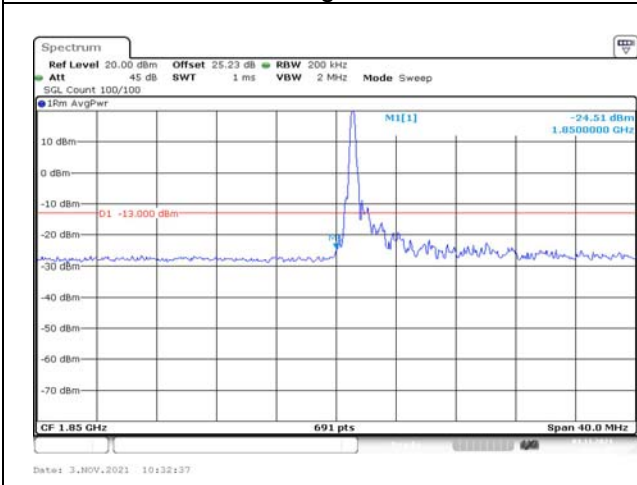


Fig.21

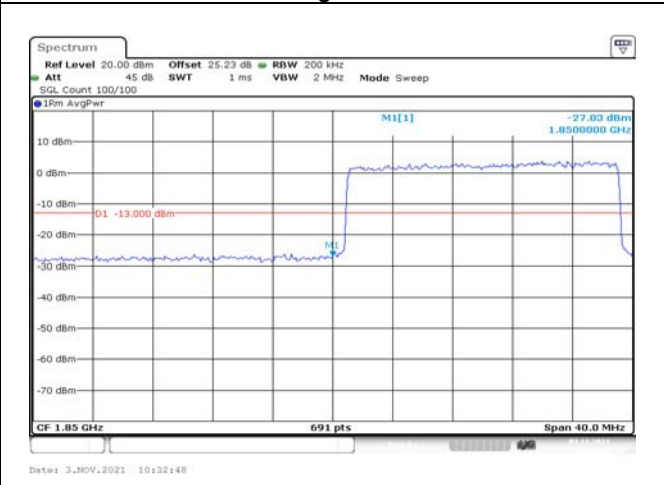


Fig.22

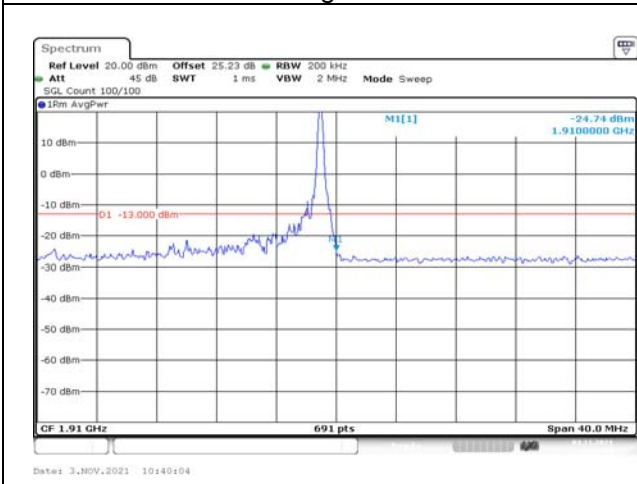


Fig.23

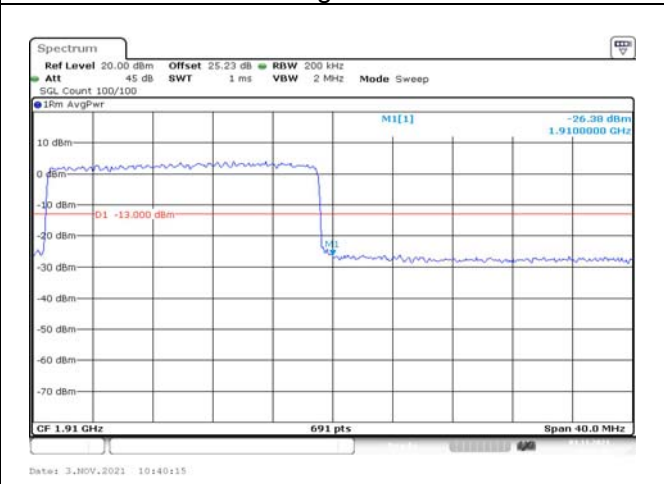


Fig.24

9 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 2 Low Channel QPSK | | | | | |
|-----------------|---------|---|-------|-------|--------|--------|--------|
| | | 1.4M | 3M | 5M | 10M | 15M | 20M |
| -30 | NV | 0.000 | 0.022 | 0.014 | 0.012 | 0.011 | -0.023 |
| -20 | NV | -0.002 | 0.009 | 0.018 | -0.002 | -0.005 | 0.000 |
| -10 | NV | -0.017 | 0.009 | 0.011 | 0.001 | -0.007 | -0.003 |
| 0 | NV | -0.008 | 0.011 | 0.003 | -0.008 | -0.012 | -0.012 |
| +10 | NV | 0.001 | 0.011 | 0.015 | -0.004 | -0.011 | -0.014 |
| +30 | NV | -0.008 | 0.000 | 0.007 | -0.005 | -0.014 | -0.002 |
| +40 | NV | -0.002 | 0.009 | 0.004 | -0.019 | -0.003 | -0.015 |
| +50 | NV | 0.001 | 0.008 | 0.007 | -0.003 | -0.009 | -0.003 |
| +20 | LV | -0.012 | 0.005 | 0.009 | -0.005 | 0.006 | -0.001 |
| +20 | HV | -0.002 | 0.006 | 0.010 | -0.018 | 0.000 | -0.002 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 2 High Channel QPSK | | | | | |
|-----------------|---------|--|--------|--------|--------|--------|--------|
| | | 1.4M | 3M | 5M | 10M | 15M | 20M |
| -30 | NV | -0.013 | -0.004 | 0.004 | -0.018 | -0.020 | 0.003 |
| -20 | NV | -0.002 | 0.000 | -0.010 | -0.009 | -0.017 | -0.016 |
| -10 | NV | 0.006 | -0.010 | 0.007 | -0.010 | 0.001 | -0.002 |
| 0 | NV | 0.002 | -0.019 | -0.004 | 0.001 | -0.010 | -0.010 |
| +10 | NV | -0.005 | -0.004 | -0.001 | -0.008 | -0.001 | -0.014 |
| +30 | NV | 0.004 | -0.019 | -0.002 | -0.002 | 0.006 | -0.012 |
| +40 | NV | -0.008 | -0.010 | -0.003 | -0.009 | -0.008 | -0.009 |
| +50 | NV | 0.007 | 0.001 | 0.000 | -0.002 | -0.010 | -0.013 |
| +20 | LV | 0.008 | -0.015 | 0.001 | -0.012 | -0.014 | 0.003 |
| +20 | HV | 0.002 | -0.006 | 0.009 | -0.009 | -0.009 | 0.003 |

10 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM | 1850.7 | 18607 | 1.4 | 1 | 0 | 22.17 | 21.59 | 0.144 |
| 16QAM | 1850.7 | 18607 | 1.4 | 1 | 3 | 22.23 | 21.65 | 0.146 |
| 16QAM | 1850.7 | 18607 | 1.4 | 1 | 5 | 22.26 | 21.68 | 0.147 |
| 16QAM | 1850.7 | 18607 | 1.4 | 3 | 0 | 22.36 | 21.78 | 0.151 |
| 16QAM | 1850.7 | 18607 | 1.4 | 3 | 1 | 22.32 | 21.74 | 0.149 |
| 16QAM | 1850.7 | 18607 | 1.4 | 3 | 3 | 22.31 | 21.73 | 0.149 |
| 16QAM | 1850.7 | 18607 | 1.4 | 6 | 0 | 21.29 | 20.71 | 0.118 |
| 16QAM | 1880 | 18900 | 1.4 | 1 | 0 | 22.24 | 21.66 | 0.147 |
| 16QAM | 1880 | 18900 | 1.4 | 1 | 3 | 22.33 | 21.75 | 0.150 |
| 16QAM | 1880 | 18900 | 1.4 | 1 | 5 | 22.34 | 21.76 | 0.150 |
| 16QAM | 1880 | 18900 | 1.4 | 3 | 0 | 21.84 | 21.26 | 0.134 |
| 16QAM | 1880 | 18900 | 1.4 | 3 | 1 | 21.89 | 21.31 | 0.135 |
| 16QAM | 1880 | 18900 | 1.4 | 3 | 3 | 21.74 | 21.16 | 0.131 |
| 16QAM | 1880 | 18900 | 1.4 | 6 | 0 | 21.19 | 20.61 | 0.115 |
| 16QAM | 1909.3 | 19193 | 1.4 | 1 | 0 | 22.48 | 21.90 | 0.155 |
| 16QAM | 1909.3 | 19193 | 1.4 | 1 | 3 | 22.45 | 21.87 | 0.154 |
| 16QAM | 1909.3 | 19193 | 1.4 | 1 | 5 | 22.46 | 21.88 | 0.154 |
| 16QAM | 1909.3 | 19193 | 1.4 | 3 | 0 | 22.53 | 21.95 | 0.157 |
| 16QAM | 1909.3 | 19193 | 1.4 | 3 | 1 | 22.49 | 21.91 | 0.155 |
| 16QAM | 1909.3 | 19193 | 1.4 | 3 | 3 | 22.52 | 21.94 | 0.156 |
| 16QAM | 1909.3 | 19193 | 1.4 | 6 | 0 | 21.67 | 21.09 | 0.129 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1850.7 | 18607 | 1.4 | 1 | 0 | 22.97 | 22.39 | 0.173 |
| QPSK | 1850.7 | 18607 | 1.4 | 1 | 3 | 23.14 | 22.56 | 0.180 |
| QPSK | 1850.7 | 18607 | 1.4 | 1 | 5 | 23.08 | 22.50 | 0.178 |
| QPSK | 1850.7 | 18607 | 1.4 | 3 | 0 | 23.11 | 22.53 | 0.179 |
| QPSK | 1850.7 | 18607 | 1.4 | 3 | 1 | 22.96 | 22.38 | 0.173 |
| QPSK | 1850.7 | 18607 | 1.4 | 3 | 3 | 22.86 | 22.28 | 0.169 |
| QPSK | 1850.7 | 18607 | 1.4 | 6 | 0 | 21.92 | 21.34 | 0.136 |
| QPSK | 1880 | 18900 | 1.4 | 1 | 0 | 22.79 | 22.21 | 0.166 |
| QPSK | 1880 | 18900 | 1.4 | 1 | 3 | 22.96 | 22.38 | 0.173 |
| QPSK | 1880 | 18900 | 1.4 | 1 | 5 | 22.88 | 22.30 | 0.170 |
| QPSK | 1880 | 18900 | 1.4 | 3 | 0 | 22.91 | 22.33 | 0.171 |
| QPSK | 1880 | 18900 | 1.4 | 3 | 1 | 22.86 | 22.28 | 0.169 |
| QPSK | 1880 | 18900 | 1.4 | 3 | 3 | 22.69 | 22.11 | 0.163 |
| QPSK | 1880 | 18900 | 1.4 | 6 | 0 | 21.84 | 21.26 | 0.134 |
| QPSK | 1909.3 | 19193 | 1.4 | 1 | 0 | 23.55 | 22.97 | 0.198 |
| QPSK | 1909.3 | 19193 | 1.4 | 1 | 3 | 23.57 | 22.99 | 0.199 |
| QPSK | 1909.3 | 19193 | 1.4 | 1 | 5 | 23.65 | 23.07 | 0.203 |
| QPSK | 1909.3 | 19193 | 1.4 | 3 | 0 | 23.35 | 22.77 | 0.189 |
| QPSK | 1909.3 | 19193 | 1.4 | 3 | 1 | 23.42 | 22.84 | 0.192 |
| QPSK | 1909.3 | 19193 | 1.4 | 3 | 3 | 23.41 | 22.83 | 0.192 |
| QPSK | 1909.3 | 19193 | 1.4 | 6 | 0 | 22.46 | 21.88 | 0.154 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM | 1851.5 | 18615 | 3 | 1 | 0 | 22.22 | 21.64 | 0.146 |
| 16QAM | 1851.5 | 18615 | 3 | 1 | 8 | 22.19 | 21.61 | 0.145 |
| 16QAM | 1851.5 | 18615 | 3 | 1 | 14 | 22.29 | 21.71 | 0.148 |
| 16QAM | 1851.5 | 18615 | 3 | 8 | 0 | 21.24 | 20.66 | 0.116 |
| 16QAM | 1851.5 | 18615 | 3 | 8 | 4 | 21.15 | 20.57 | 0.114 |
| 16QAM | 1851.5 | 18615 | 3 | 8 | 7 | 21.29 | 20.71 | 0.118 |
| 16QAM | 1851.5 | 18615 | 3 | 15 | 0 | 21.22 | 20.64 | 0.116 |
| 16QAM | 1880 | 18900 | 3 | 1 | 0 | 22.27 | 21.69 | 0.148 |
| 16QAM | 1880 | 18900 | 3 | 1 | 8 | 22.26 | 21.68 | 0.147 |
| 16QAM | 1880 | 18900 | 3 | 1 | 14 | 22.39 | 21.81 | 0.152 |
| 16QAM | 1880 | 18900 | 3 | 8 | 0 | 20.91 | 20.33 | 0.108 |
| 16QAM | 1880 | 18900 | 3 | 8 | 4 | 20.92 | 20.34 | 0.108 |
| 16QAM | 1880 | 18900 | 3 | 8 | 7 | 20.97 | 20.39 | 0.109 |
| 16QAM | 1880 | 18900 | 3 | 15 | 0 | 20.97 | 20.39 | 0.109 |
| 16QAM | 1908.5 | 19185 | 3 | 1 | 0 | 22.46 | 21.88 | 0.154 |
| 16QAM | 1908.5 | 19185 | 3 | 1 | 8 | 22.45 | 21.87 | 0.154 |
| 16QAM | 1908.5 | 19185 | 3 | 1 | 14 | 22.51 | 21.93 | 0.156 |
| 16QAM | 1908.5 | 19185 | 3 | 8 | 0 | 21.45 | 20.87 | 0.122 |
| 16QAM | 1908.5 | 19185 | 3 | 8 | 4 | 21.47 | 20.89 | 0.123 |
| 16QAM | 1908.5 | 19185 | 3 | 8 | 7 | 21.47 | 20.89 | 0.123 |
| 16QAM | 1908.5 | 19185 | 3 | 15 | 0 | 21.51 | 20.93 | 0.124 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1851.5 | 18615 | 3 | 1 | 0 | 22.83 | 22.25 | 0.168 |
| QPSK | 1851.5 | 18615 | 3 | 1 | 8 | 22.93 | 22.35 | 0.172 |
| QPSK | 1851.5 | 18615 | 3 | 1 | 14 | 22.86 | 22.28 | 0.169 |
| QPSK | 1851.5 | 18615 | 3 | 8 | 0 | 22.07 | 21.49 | 0.141 |
| QPSK | 1851.5 | 18615 | 3 | 8 | 4 | 22.12 | 21.54 | 0.143 |
| QPSK | 1851.5 | 18615 | 3 | 8 | 7 | 22.04 | 21.46 | 0.140 |
| QPSK | 1851.5 | 18615 | 3 | 15 | 0 | 22.09 | 21.51 | 0.142 |
| QPSK | 1880 | 18900 | 3 | 1 | 0 | 22.92 | 22.34 | 0.171 |
| QPSK | 1880 | 18900 | 3 | 1 | 8 | 22.95 | 22.37 | 0.173 |
| QPSK | 1880 | 18900 | 3 | 1 | 14 | 22.91 | 22.33 | 0.171 |
| QPSK | 1880 | 18900 | 3 | 8 | 0 | 21.81 | 21.23 | 0.133 |
| QPSK | 1880 | 18900 | 3 | 8 | 4 | 21.82 | 21.24 | 0.133 |
| QPSK | 1880 | 18900 | 3 | 8 | 7 | 21.87 | 21.29 | 0.135 |
| QPSK | 1880 | 18900 | 3 | 15 | 0 | 21.92 | 21.34 | 0.136 |
| QPSK | 1908.5 | 19185 | 3 | 1 | 0 | 23.54 | 22.96 | 0.198 |
| QPSK | 1908.5 | 19185 | 3 | 1 | 8 | 23.51 | 22.93 | 0.196 |
| QPSK | 1908.5 | 19185 | 3 | 1 | 14 | 23.58 | 23.00 | 0.200 |
| QPSK | 1908.5 | 19185 | 3 | 8 | 0 | 22.39 | 21.81 | 0.152 |
| QPSK | 1908.5 | 19185 | 3 | 8 | 4 | 22.36 | 21.78 | 0.151 |
| QPSK | 1908.5 | 19185 | 3 | 8 | 7 | 22.39 | 21.81 | 0.152 |
| QPSK | 1908.5 | 19185 | 3 | 15 | 0 | 22.37 | 21.79 | 0.151 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM | 1852.5 | 18625 | 5 | 1 | 0 | 21.73 | 21.15 | 0.130 |
| 16QAM | 1852.5 | 18625 | 5 | 1 | 12 | 21.67 | 21.09 | 0.129 |
| 16QAM | 1852.5 | 18625 | 5 | 1 | 24 | 21.75 | 21.17 | 0.131 |
| 16QAM | 1852.5 | 18625 | 5 | 12 | 0 | 21.19 | 20.61 | 0.115 |
| 16QAM | 1852.5 | 18625 | 5 | 12 | 7 | 21.18 | 20.60 | 0.115 |
| 16QAM | 1852.5 | 18625 | 5 | 12 | 13 | 21.18 | 20.60 | 0.115 |
| 16QAM | 1852.5 | 18625 | 5 | 25 | 0 | 21.42 | 20.84 | 0.121 |
| 16QAM | 1880 | 18900 | 5 | 1 | 0 | 22.02 | 21.44 | 0.139 |
| 16QAM | 1880 | 18900 | 5 | 1 | 12 | 22.04 | 21.46 | 0.140 |
| 16QAM | 1880 | 18900 | 5 | 1 | 24 | 21.97 | 21.39 | 0.138 |
| 16QAM | 1880 | 18900 | 5 | 12 | 0 | 20.86 | 20.28 | 0.107 |
| 16QAM | 1880 | 18900 | 5 | 12 | 7 | 20.79 | 20.21 | 0.105 |
| 16QAM | 1880 | 18900 | 5 | 12 | 13 | 20.77 | 20.19 | 0.104 |
| 16QAM | 1880 | 18900 | 5 | 25 | 0 | 21.01 | 20.43 | 0.110 |
| 16QAM | 1907.5 | 19175 | 5 | 1 | 0 | 22.71 | 22.13 | 0.163 |
| 16QAM | 1907.5 | 19175 | 5 | 1 | 12 | 22.78 | 22.20 | 0.166 |
| 16QAM | 1907.5 | 19175 | 5 | 1 | 24 | 22.81 | 22.23 | 0.167 |
| 16QAM | 1907.5 | 19175 | 5 | 12 | 0 | 21.36 | 20.78 | 0.120 |
| 16QAM | 1907.5 | 19175 | 5 | 12 | 7 | 21.39 | 20.81 | 0.121 |
| 16QAM | 1907.5 | 19175 | 5 | 12 | 13 | 21.47 | 20.89 | 0.123 |
| 16QAM | 1907.5 | 19175 | 5 | 25 | 0 | 21.53 | 20.95 | 0.124 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1852.5 | 18625 | 5 | 1 | 0 | 23.22 | 22.64 | 0.184 |
| QPSK | 1852.5 | 18625 | 5 | 1 | 12 | 23.16 | 22.58 | 0.181 |
| QPSK | 1852.5 | 18625 | 5 | 1 | 24 | 23.18 | 22.60 | 0.182 |
| QPSK | 1852.5 | 18625 | 5 | 12 | 0 | 22.17 | 21.59 | 0.144 |
| QPSK | 1852.5 | 18625 | 5 | 12 | 7 | 22.06 | 21.48 | 0.141 |
| QPSK | 1852.5 | 18625 | 5 | 12 | 13 | 22.03 | 21.45 | 0.140 |
| QPSK | 1852.5 | 18625 | 5 | 25 | 0 | 22.06 | 21.48 | 0.141 |
| QPSK | 1880 | 18900 | 5 | 1 | 0 | 22.64 | 22.06 | 0.161 |
| QPSK | 1880 | 18900 | 5 | 1 | 12 | 22.76 | 22.18 | 0.165 |
| QPSK | 1880 | 18900 | 5 | 1 | 24 | 22.76 | 22.18 | 0.165 |
| QPSK | 1880 | 18900 | 5 | 12 | 0 | 21.93 | 21.35 | 0.136 |
| QPSK | 1880 | 18900 | 5 | 12 | 7 | 21.88 | 21.30 | 0.135 |
| QPSK | 1880 | 18900 | 5 | 12 | 13 | 21.92 | 21.34 | 0.136 |
| QPSK | 1880 | 18900 | 5 | 25 | 0 | 22.01 | 21.43 | 0.139 |
| QPSK | 1907.5 | 19175 | 5 | 1 | 0 | 23.36 | 22.78 | 0.190 |
| QPSK | 1907.5 | 19175 | 5 | 1 | 12 | 23.42 | 22.84 | 0.192 |
| QPSK | 1907.5 | 19175 | 5 | 1 | 24 | 23.51 | 22.93 | 0.196 |
| QPSK | 1907.5 | 19175 | 5 | 12 | 0 | 22.42 | 21.84 | 0.153 |
| QPSK | 1907.5 | 19175 | 5 | 12 | 7 | 22.42 | 21.84 | 0.153 |
| QPSK | 1907.5 | 19175 | 5 | 12 | 13 | 22.44 | 21.86 | 0.153 |
| QPSK | 1907.5 | 19175 | 5 | 25 | 0 | 22.48 | 21.90 | 0.155 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM | 1855 | 18650 | 10 | 1 | 0 | 23.24 | 22.66 | 0.185 |
| 16QAM | 1855 | 18650 | 10 | 1 | 25 | 23.14 | 22.56 | 0.180 |
| 16QAM | 1855 | 18650 | 10 | 1 | 49 | 23.04 | 22.46 | 0.176 |
| 16QAM | 1855 | 18650 | 10 | 25 | 0 | 21.39 | 20.81 | 0.121 |
| 16QAM | 1855 | 18650 | 10 | 25 | 12 | 21.33 | 20.75 | 0.119 |
| 16QAM | 1855 | 18650 | 10 | 25 | 25 | 21.34 | 20.76 | 0.119 |
| 16QAM | 1855 | 18650 | 10 | 50 | 0 | 21.29 | 20.71 | 0.118 |
| 16QAM | 1880 | 18900 | 10 | 1 | 0 | 22.48 | 21.90 | 0.155 |
| 16QAM | 1880 | 18900 | 10 | 1 | 25 | 22.40 | 21.82 | 0.152 |
| 16QAM | 1880 | 18900 | 10 | 1 | 49 | 22.44 | 21.86 | 0.153 |
| 16QAM | 1880 | 18900 | 10 | 25 | 0 | 21.10 | 20.52 | 0.113 |
| 16QAM | 1880 | 18900 | 10 | 25 | 12 | 21.07 | 20.49 | 0.112 |
| 16QAM | 1880 | 18900 | 10 | 25 | 25 | 21.14 | 20.56 | 0.114 |
| 16QAM | 1880 | 18900 | 10 | 50 | 0 | 21.05 | 20.47 | 0.111 |
| 16QAM | 1905 | 19150 | 10 | 1 | 0 | 22.69 | 22.11 | 0.163 |
| 16QAM | 1905 | 19150 | 10 | 1 | 25 | 22.51 | 21.93 | 0.156 |
| 16QAM | 1905 | 19150 | 10 | 1 | 49 | 22.66 | 22.08 | 0.161 |
| 16QAM | 1905 | 19150 | 10 | 25 | 0 | 21.60 | 21.02 | 0.126 |
| 16QAM | 1905 | 19150 | 10 | 25 | 12 | 21.61 | 21.03 | 0.127 |
| 16QAM | 1905 | 19150 | 10 | 25 | 25 | 21.66 | 21.08 | 0.128 |
| 16QAM | 1905 | 19150 | 10 | 50 | 0 | 21.48 | 20.90 | 0.123 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1855 | 18650 | 10 | 1 | 0 | 23.28 | 22.70 | 0.186 |
| QPSK | 1855 | 18650 | 10 | 1 | 25 | 23.17 | 22.59 | 0.182 |
| QPSK | 1855 | 18650 | 10 | 1 | 49 | 23.07 | 22.49 | 0.177 |
| QPSK | 1855 | 18650 | 10 | 25 | 0 | 22.14 | 21.56 | 0.143 |
| QPSK | 1855 | 18650 | 10 | 25 | 12 | 22.12 | 21.54 | 0.143 |
| QPSK | 1855 | 18650 | 10 | 25 | 25 | 22.16 | 21.58 | 0.144 |
| QPSK | 1855 | 18650 | 10 | 50 | 0 | 22.18 | 21.60 | 0.145 |
| QPSK | 1880 | 18900 | 10 | 1 | 0 | 23.22 | 22.64 | 0.184 |
| QPSK | 1880 | 18900 | 10 | 1 | 25 | 23.22 | 22.64 | 0.184 |
| QPSK | 1880 | 18900 | 10 | 1 | 49 | 23.07 | 22.49 | 0.177 |
| QPSK | 1880 | 18900 | 10 | 25 | 0 | 21.95 | 21.37 | 0.137 |
| QPSK | 1880 | 18900 | 10 | 25 | 12 | 21.91 | 21.33 | 0.136 |
| QPSK | 1880 | 18900 | 10 | 25 | 25 | 21.86 | 21.28 | 0.134 |
| QPSK | 1880 | 18900 | 10 | 50 | 0 | 21.92 | 21.34 | 0.136 |
| QPSK | 1905 | 19150 | 10 | 1 | 0 | 23.12 | 22.54 | 0.179 |
| QPSK | 1905 | 19150 | 10 | 1 | 25 | 23.27 | 22.69 | 0.186 |
| QPSK | 1905 | 19150 | 10 | 1 | 49 | 23.40 | 22.82 | 0.191 |
| QPSK | 1905 | 19150 | 10 | 25 | 0 | 22.32 | 21.74 | 0.149 |
| QPSK | 1905 | 19150 | 10 | 25 | 12 | 22.32 | 21.74 | 0.149 |
| QPSK | 1905 | 19150 | 10 | 25 | 25 | 22.44 | 21.86 | 0.153 |
| QPSK | 1905 | 19150 | 10 | 50 | 0 | 22.29 | 21.71 | 0.148 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM | 1857.5 | 18675 | 15 | 1 | 0 | 23.21 | 22.63 | 0.183 |
| 16QAM | 1857.5 | 18675 | 15 | 1 | 37 | 23.05 | 22.47 | 0.177 |
| 16QAM | 1857.5 | 18675 | 15 | 1 | 74 | 22.85 | 22.27 | 0.169 |
| 16QAM | 1857.5 | 18675 | 15 | 36 | 0 | 21.22 | 20.64 | 0.116 |
| 16QAM | 1857.5 | 18675 | 15 | 36 | 29 | 21.28 | 20.70 | 0.117 |
| 16QAM | 1857.5 | 18675 | 15 | 36 | 30 | 21.31 | 20.73 | 0.118 |
| 16QAM | 1857.5 | 18675 | 15 | 75 | 0 | 21.28 | 20.70 | 0.117 |
| 16QAM | 1880 | 18900 | 15 | 1 | 0 | 22.53 | 21.95 | 0.157 |
| 16QAM | 1880 | 18900 | 15 | 1 | 37 | 22.49 | 21.91 | 0.155 |
| 16QAM | 1880 | 18900 | 15 | 1 | 74 | 22.61 | 22.03 | 0.160 |
| 16QAM | 1880 | 18900 | 15 | 36 | 0 | 21.06 | 20.48 | 0.112 |
| 16QAM | 1880 | 18900 | 15 | 36 | 29 | 21.03 | 20.45 | 0.111 |
| 16QAM | 1880 | 18900 | 15 | 36 | 30 | 21.02 | 20.44 | 0.111 |
| 16QAM | 1880 | 18900 | 15 | 75 | 0 | 21.10 | 20.52 | 0.113 |
| 16QAM | 1902.5 | 19125 | 15 | 1 | 0 | 22.65 | 22.07 | 0.161 |
| 16QAM | 1902.5 | 19125 | 15 | 1 | 37 | 22.72 | 22.14 | 0.164 |
| 16QAM | 1902.5 | 19125 | 15 | 1 | 74 | 22.89 | 22.31 | 0.170 |
| 16QAM | 1902.5 | 19125 | 15 | 36 | 0 | 21.30 | 20.72 | 0.118 |
| 16QAM | 1902.5 | 19125 | 15 | 36 | 29 | 21.45 | 20.87 | 0.122 |
| 16QAM | 1902.5 | 19125 | 15 | 36 | 30 | 21.45 | 20.87 | 0.122 |
| 16QAM | 1902.5 | 19125 | 15 | 75 | 0 | 21.46 | 20.88 | 0.122 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1857.5 | 18675 | 15 | 1 | 0 | 23.43 | 22.85 | 0.193 |
| QPSK | 1857.5 | 18675 | 15 | 1 | 37 | 23.13 | 22.55 | 0.180 |
| QPSK | 1857.5 | 18675 | 15 | 1 | 74 | 23.01 | 22.43 | 0.175 |
| QPSK | 1857.5 | 18675 | 15 | 36 | 0 | 22.13 | 21.55 | 0.143 |
| QPSK | 1857.5 | 18675 | 15 | 36 | 29 | 22.09 | 21.51 | 0.142 |
| QPSK | 1857.5 | 18675 | 15 | 36 | 30 | 22.10 | 21.52 | 0.142 |
| QPSK | 1857.5 | 18675 | 15 | 75 | 0 | 22.13 | 21.55 | 0.143 |
| QPSK | 1880 | 18900 | 15 | 1 | 0 | 23.05 | 22.47 | 0.177 |
| QPSK | 1880 | 18900 | 15 | 1 | 37 | 22.95 | 22.37 | 0.173 |
| QPSK | 1880 | 18900 | 15 | 1 | 74 | 23.04 | 22.46 | 0.176 |
| QPSK | 1880 | 18900 | 15 | 36 | 0 | 21.89 | 21.31 | 0.135 |
| QPSK | 1880 | 18900 | 15 | 36 | 29 | 21.98 | 21.40 | 0.138 |
| QPSK | 1880 | 18900 | 15 | 36 | 30 | 21.97 | 21.39 | 0.138 |
| QPSK | 1880 | 18900 | 15 | 75 | 0 | 21.93 | 21.35 | 0.136 |
| QPSK | 1902.5 | 19125 | 15 | 1 | 0 | 22.79 | 22.21 | 0.166 |
| QPSK | 1902.5 | 19125 | 15 | 1 | 37 | 22.99 | 22.41 | 0.174 |
| QPSK | 1902.5 | 19125 | 15 | 1 | 74 | 23.13 | 22.55 | 0.180 |
| QPSK | 1902.5 | 19125 | 15 | 36 | 0 | 22.13 | 21.55 | 0.143 |
| QPSK | 1902.5 | 19125 | 15 | 36 | 29 | 22.27 | 21.69 | 0.148 |
| QPSK | 1902.5 | 19125 | 15 | 36 | 30 | 22.26 | 21.68 | 0.147 |
| QPSK | 1902.5 | 19125 | 15 | 75 | 0 | 22.34 | 21.76 | 0.150 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM | 1860 | 18700 | 20 | 1 | 0 | 22.87 | 22.29 | 0.169 |
| 16QAM | 1860 | 18700 | 20 | 1 | 49 | 22.74 | 22.16 | 0.164 |
| 16QAM | 1860 | 18700 | 20 | 1 | 99 | 22.57 | 21.99 | 0.158 |
| 16QAM | 1860 | 18700 | 20 | 50 | 0 | 21.34 | 20.76 | 0.119 |
| 16QAM | 1860 | 18700 | 20 | 50 | 24 | 21.35 | 20.77 | 0.119 |
| 16QAM | 1860 | 18700 | 20 | 50 | 50 | 21.29 | 20.71 | 0.118 |
| 16QAM | 1860 | 18700 | 20 | 100 | 0 | 21.34 | 20.76 | 0.119 |
| 16QAM | 1880 | 18900 | 20 | 1 | 0 | 22.01 | 21.43 | 0.139 |
| 16QAM | 1880 | 18900 | 20 | 1 | 49 | 22.10 | 21.52 | 0.142 |
| 16QAM | 1880 | 18900 | 20 | 1 | 99 | 22.17 | 21.59 | 0.144 |
| 16QAM | 1880 | 18900 | 20 | 50 | 0 | 21.12 | 20.54 | 0.113 |
| 16QAM | 1880 | 18900 | 20 | 50 | 24 | 21.22 | 20.64 | 0.116 |
| 16QAM | 1880 | 18900 | 20 | 50 | 50 | 21.19 | 20.61 | 0.115 |
| 16QAM | 1880 | 18900 | 20 | 100 | 0 | 21.20 | 20.62 | 0.115 |
| 16QAM | 1900 | 19100 | 20 | 1 | 0 | 22.57 | 21.99 | 0.158 |
| 16QAM | 1900 | 19100 | 20 | 1 | 49 | 22.63 | 22.05 | 0.160 |
| 16QAM | 1900 | 19100 | 20 | 1 | 99 | 22.92 | 22.34 | 0.171 |
| 16QAM | 1900 | 19100 | 20 | 50 | 0 | 21.28 | 20.70 | 0.117 |
| 16QAM | 1900 | 19100 | 20 | 50 | 24 | 21.36 | 20.78 | 0.120 |
| 16QAM | 1900 | 19100 | 20 | 50 | 50 | 21.52 | 20.94 | 0.124 |
| 16QAM | 1900 | 19100 | 20 | 100 | 0 | 21.48 | 20.90 | 0.123 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1860 | 18700 | 20 | 1 | 0 | 23.16 | 22.58 | 0.181 |
| QPSK | 1860 | 18700 | 20 | 1 | 49 | 22.99 | 22.41 | 0.174 |
| QPSK | 1860 | 18700 | 20 | 1 | 99 | 23.03 | 22.45 | 0.176 |
| QPSK | 1860 | 18700 | 20 | 50 | 0 | 22.23 | 21.65 | 0.146 |
| QPSK | 1860 | 18700 | 20 | 50 | 24 | 22.05 | 21.47 | 0.140 |
| QPSK | 1860 | 18700 | 20 | 50 | 50 | 21.98 | 21.40 | 0.138 |
| QPSK | 1860 | 18700 | 20 | 100 | 0 | 22.20 | 21.62 | 0.145 |
| QPSK | 1880 | 18900 | 20 | 1 | 0 | 23.01 | 22.43 | 0.175 |
| QPSK | 1880 | 18900 | 20 | 1 | 49 | 23.05 | 22.47 | 0.177 |
| QPSK | 1880 | 18900 | 20 | 1 | 99 | 23.16 | 22.58 | 0.181 |
| QPSK | 1880 | 18900 | 20 | 50 | 0 | 21.96 | 21.38 | 0.137 |
| QPSK | 1880 | 18900 | 20 | 50 | 24 | 21.90 | 21.32 | 0.136 |
| QPSK | 1880 | 18900 | 20 | 50 | 50 | 21.91 | 21.33 | 0.136 |
| QPSK | 1880 | 18900 | 20 | 100 | 0 | 22.04 | 21.46 | 0.140 |
| QPSK | 1900 | 19100 | 20 | 1 | 0 | 22.97 | 22.39 | 0.173 |
| QPSK | 1900 | 19100 | 20 | 1 | 49 | 23.24 | 22.66 | 0.185 |
| QPSK | 1900 | 19100 | 20 | 1 | 99 | 23.42 | 22.84 | 0.192 |
| QPSK | 1900 | 19100 | 20 | 50 | 0 | 22.18 | 21.60 | 0.145 |
| QPSK | 1900 | 19100 | 20 | 50 | 24 | 22.26 | 21.68 | 0.147 |
| QPSK | 1900 | 19100 | 20 | 50 | 50 | 22.37 | 21.79 | 0.151 |
| QPSK | 1900 | 19100 | 20 | 100 | 0 | 22.35 | 21.77 | 0.150 |

R

Secondary Supply

LTE Band 2

1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| 16QAM | 1850.7 | 18607 | 1.4 | 1 | 0 | 21.97 |
| 16QAM | 1850.7 | 18607 | 1.4 | 1 | 3 | 21.78 |
| 16QAM | 1850.7 | 18607 | 1.4 | 1 | 5 | 21.77 |
| 16QAM | 1850.7 | 18607 | 1.4 | 3 | 0 | 21.51 |
| 16QAM | 1850.7 | 18607 | 1.4 | 3 | 1 | 21.35 |
| 16QAM | 1850.7 | 18607 | 1.4 | 3 | 3 | 21.53 |
| 16QAM | 1850.7 | 18607 | 1.4 | 6 | 0 | 20.62 |
| 16QAM | 1880 | 18900 | 1.4 | 1 | 0 | 21.22 |
| 16QAM | 1880 | 18900 | 1.4 | 1 | 3 | 21.26 |
| 16QAM | 1880 | 18900 | 1.4 | 1 | 5 | 21.33 |
| 16QAM | 1880 | 18900 | 1.4 | 3 | 0 | 21.38 |
| 16QAM | 1880 | 18900 | 1.4 | 3 | 1 | 21.43 |
| 16QAM | 1880 | 18900 | 1.4 | 3 | 3 | 21.40 |
| 16QAM | 1880 | 18900 | 1.4 | 6 | 0 | 20.48 |
| 16QAM | 1909.3 | 19193 | 1.4 | 1 | 0 | 21.99 |
| 16QAM | 1909.3 | 19193 | 1.4 | 1 | 3 | 22.01 |
| 16QAM | 1909.3 | 19193 | 1.4 | 1 | 5 | 22.04 |
| 16QAM | 1909.3 | 19193 | 1.4 | 3 | 0 | 22.07 |
| 16QAM | 1909.3 | 19193 | 1.4 | 3 | 1 | 22.09 |
| 16QAM | 1909.3 | 19193 | 1.4 | 3 | 3 | 22.09 |
| 16QAM | 1909.3 | 19193 | 1.4 | 6 | 0 | 21.08 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK | 1850.7 | 18607 | 1.4 | 1 | 0 | 22.43 |
| QPSK | 1850.7 | 18607 | 1.4 | 1 | 3 | 22.44 |
| QPSK | 1850.7 | 18607 | 1.4 | 1 | 5 | 22.44 |
| QPSK | 1850.7 | 18607 | 1.4 | 3 | 0 | 22.47 |
| QPSK | 1850.7 | 18607 | 1.4 | 3 | 1 | 22.54 |
| QPSK | 1850.7 | 18607 | 1.4 | 3 | 3 | 22.46 |
| QPSK | 1850.7 | 18607 | 1.4 | 6 | 0 | 21.49 |
| QPSK | 1880 | 18900 | 1.4 | 1 | 0 | 22.14 |
| QPSK | 1880 | 18900 | 1.4 | 1 | 3 | 22.19 |
| QPSK | 1880 | 18900 | 1.4 | 1 | 5 | 22.13 |
| QPSK | 1880 | 18900 | 1.4 | 3 | 0 | 22.19 |
| QPSK | 1880 | 18900 | 1.4 | 3 | 1 | 22.20 |
| QPSK | 1880 | 18900 | 1.4 | 3 | 3 | 22.19 |
| QPSK | 1880 | 18900 | 1.4 | 6 | 0 | 21.21 |
| QPSK | 1909.3 | 19193 | 1.4 | 1 | 0 | 22.52 |
| QPSK | 1909.3 | 19193 | 1.4 | 1 | 3 | 22.63 |
| QPSK | 1909.3 | 19193 | 1.4 | 1 | 5 | 22.58 |
| QPSK | 1909.3 | 19193 | 1.4 | 3 | 0 | 22.72 |
| QPSK | 1909.3 | 19193 | 1.4 | 3 | 1 | 22.68 |
| QPSK | 1909.3 | 19193 | 1.4 | 3 | 3 | 22.74 |
| QPSK | 1909.3 | 19193 | 1.4 | 6 | 0 | 21.72 |

2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|--------|------|-------------------------|---------|----------|---------|-----------|------------------------------|-------|
| Band 2 | QPSK | 1850.7 | 18607 | 1.4 | 6 | 0 | 1.082 | Fig.1 |
| Band 2 | QPSK | 1880 | 18900 | 1.4 | 6 | 0 | 1.082 | Fig.2 |
| Band 2 | QPSK | 1909.3 | 19193 | 1.4 | 6 | 0 | 1.082 | Fig.3 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|--------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|-------|
| Band 2 | 16QAM | 1850.7 | 18607 | 1.4 | 6 | 0 | 1.088 | Fig.4 |
| Band 2 | 16QAM | 1880 | 18900 | 1.4 | 6 | 0 | 1.088 | Fig.5 |
| Band 2 | 16QAM | 1909.3 | 19193 | 1.4 | 6 | 0 | 1.088 | Fig.6 |

Test Mode: QPSK

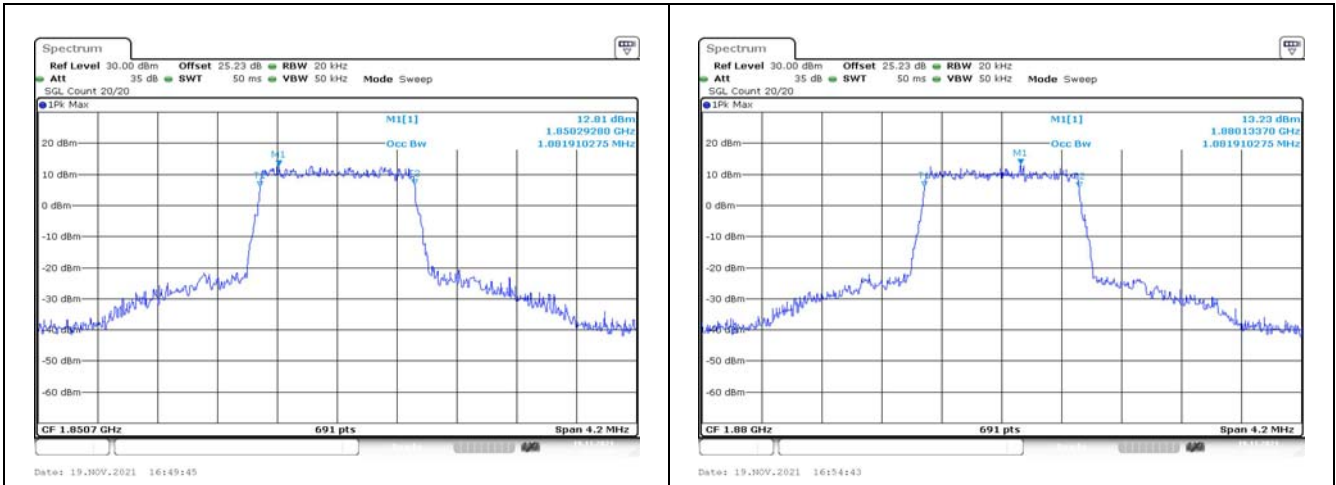


Fig.1

Fig.2

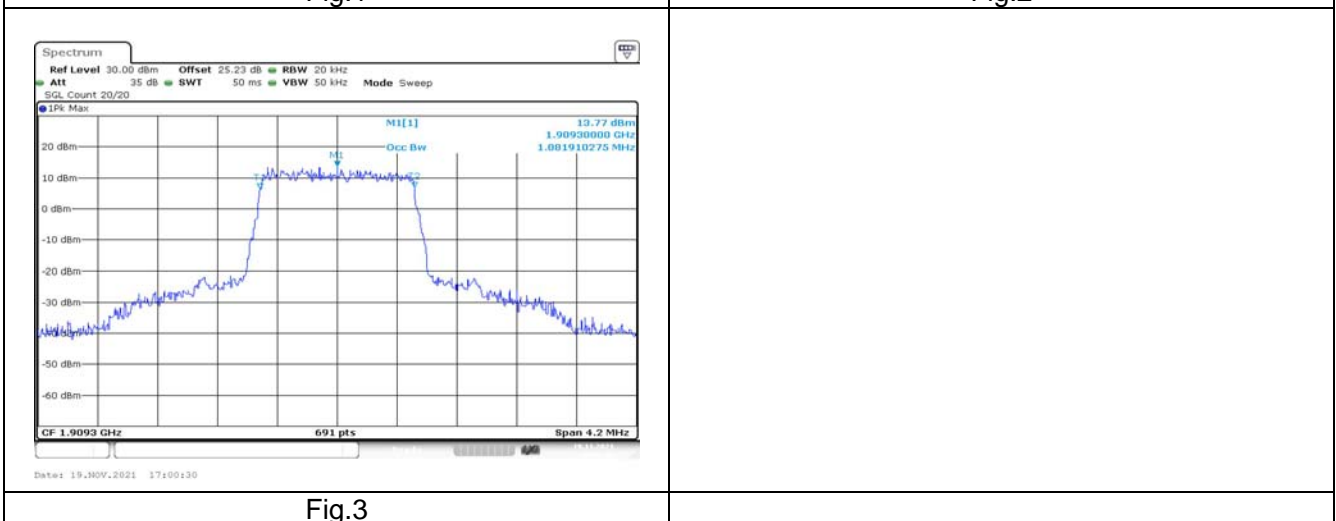


Fig.3

Test Mode: 16QAM

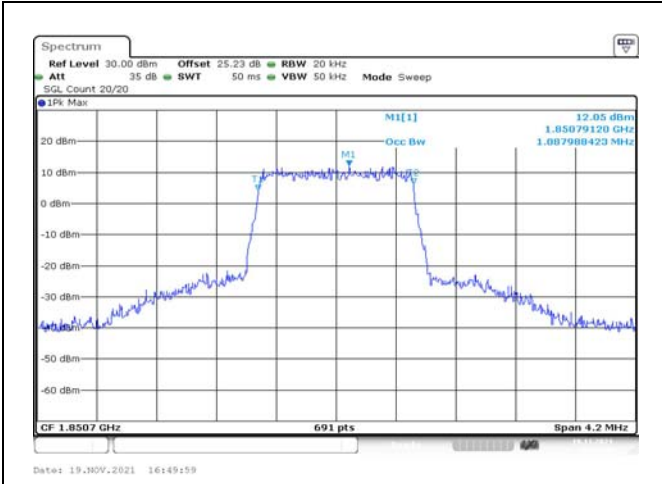


Fig.4

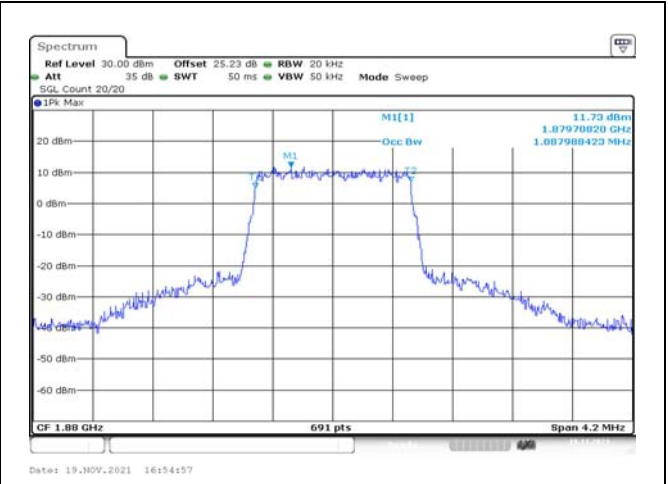


Fig.5

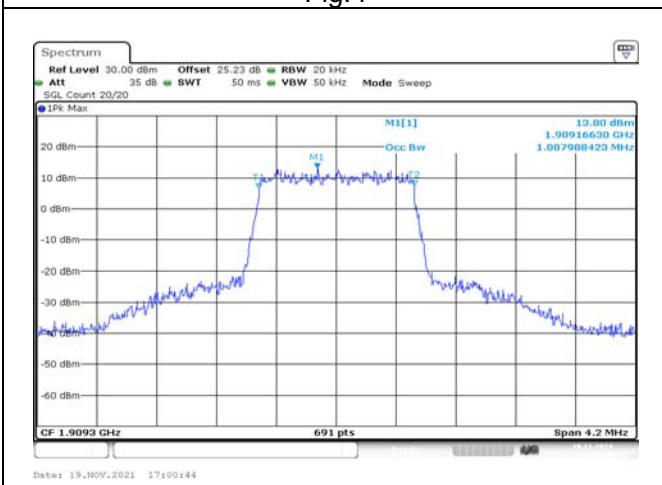


Fig.6

3 Emission Bandwidth

| 4 | Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|---|--------|------|-------------------------|---------|----------|---------|-----------|--|-------|
| | Band 2 | QPSK | 1850.7 | 18607 | 1.4 | 6 | 0 | 1.234 | Fig.1 |
| | Band 2 | QPSK | 1880 | 18900 | 1.4 | 6 | 0 | 1.222 | Fig.2 |
| | Band 2 | QPSK | 1909.3 | 19193 | 1.4 | 6 | 0 | 1.228 | Fig.3 |

| 5 | Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|---|--------|-------|-------------------------|---------|----------|---------|-----------|--|-------|
| | Band 2 | 16QAM | 1850.7 | 18607 | 1.4 | 6 | 0 | 1.234 | Fig.4 |
| | Band 2 | 16QAM | 1880 | 18900 | 1.4 | 6 | 0 | 1.234 | Fig.5 |
| | Band 2 | 16QAM | 1909.3 | 19193 | 1.4 | 6 | 0 | 1.228 | Fig.6 |

Test Mode: QPSK

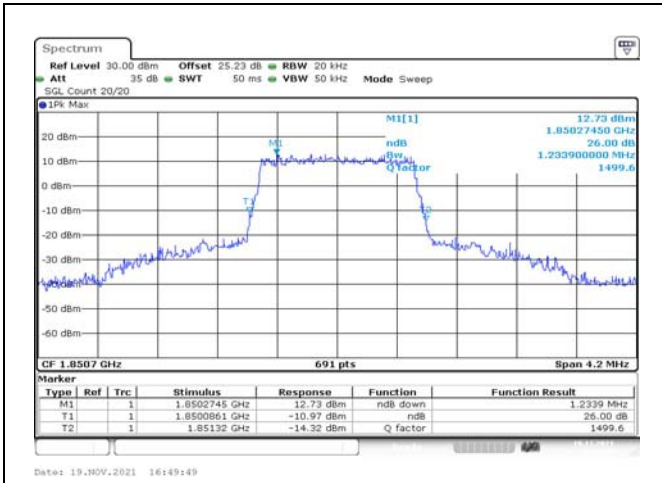


Fig.1

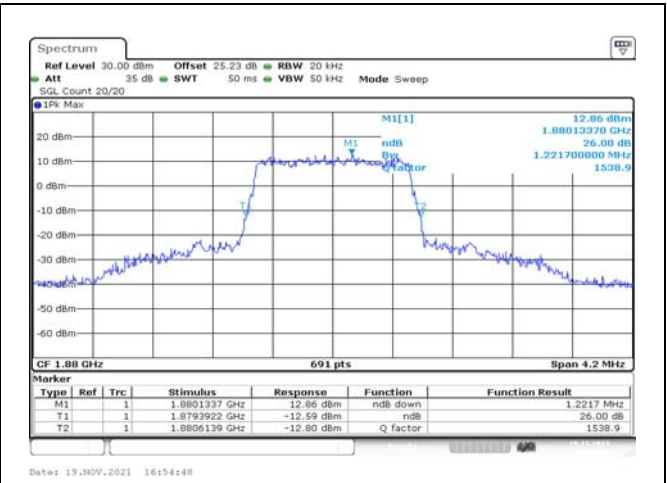


Fig.2

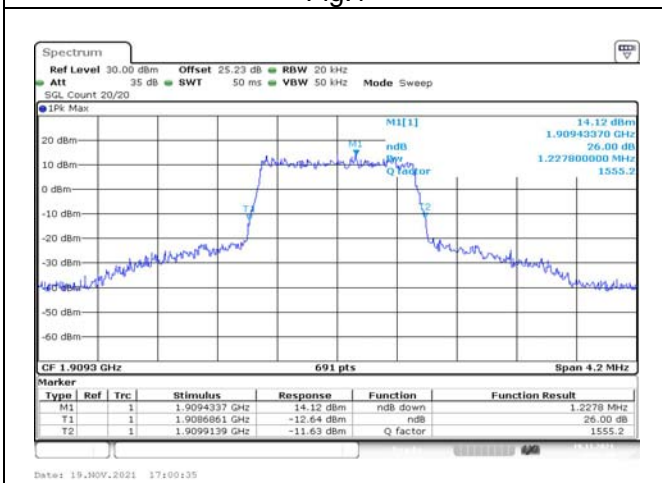


Fig.3

Test Mode: 16QAM

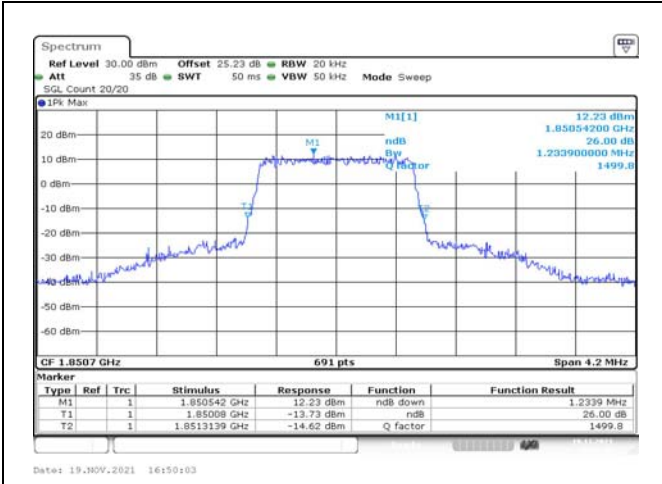


Fig.4

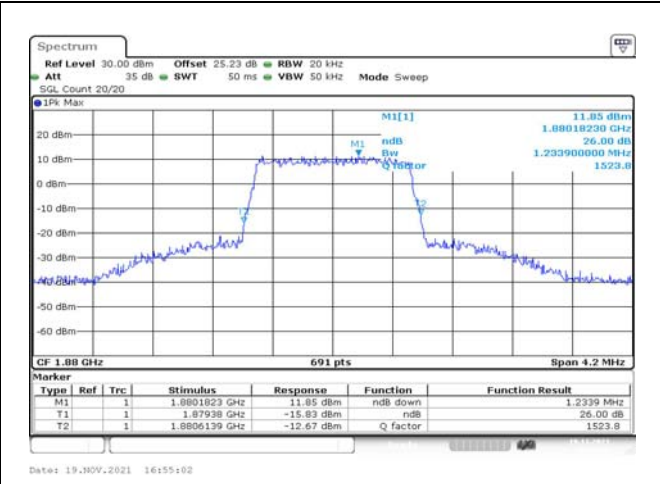


Fig.5

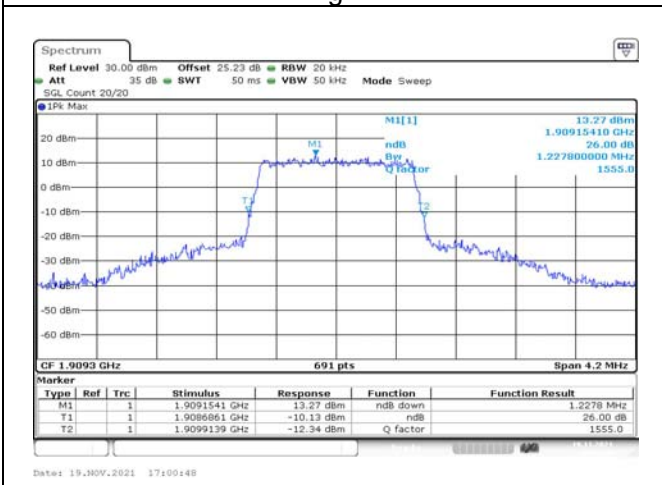


Fig.6

6 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 2 | 1850.7 | 18607 | 1.4 | 1 | 5 | Fig.1 | Fig.2 | --- |
| 2 | 1850.7 | 18607 | 1.4 | 6 | 0 | Fig.3 | Fig.4 | --- |
| 2 | 1880 | 18900 | 1.4 | 1 | 5 | Fig.5 | Fig.6 | --- |
| 2 | 1880 | 18900 | 1.4 | 6 | 0 | Fig.7 | Fig.8 | --- |
| 2 | 1909.3 | 19193 | 1.4 | 1 | 5 | Fig.9 | Fig.10 | --- |
| 2 | 1909.3 | 19193 | 1.4 | 6 | 0 | Fig.11 | Fig.12 | --- |

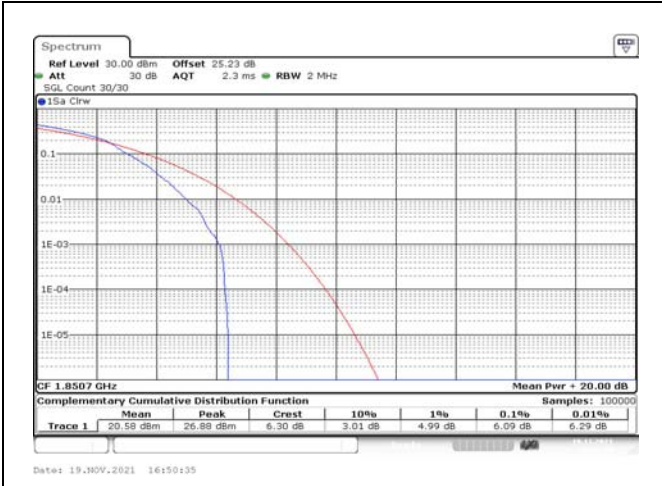


Fig.1

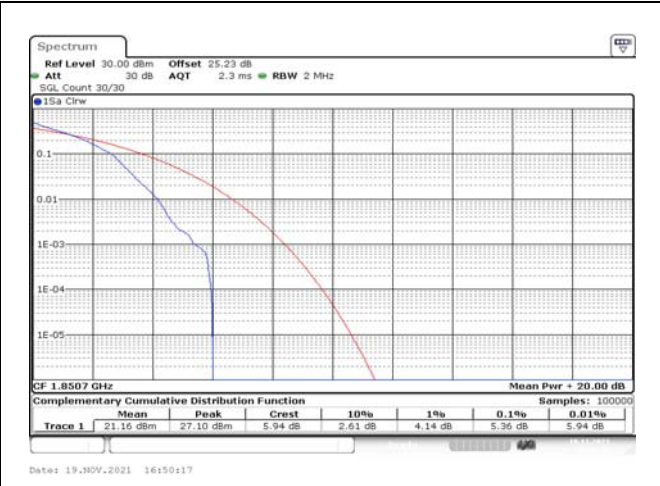


Fig.2



Fig.3

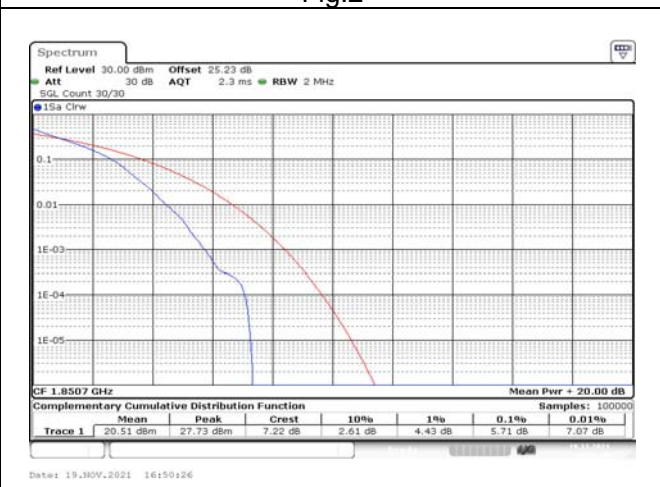


Fig.4

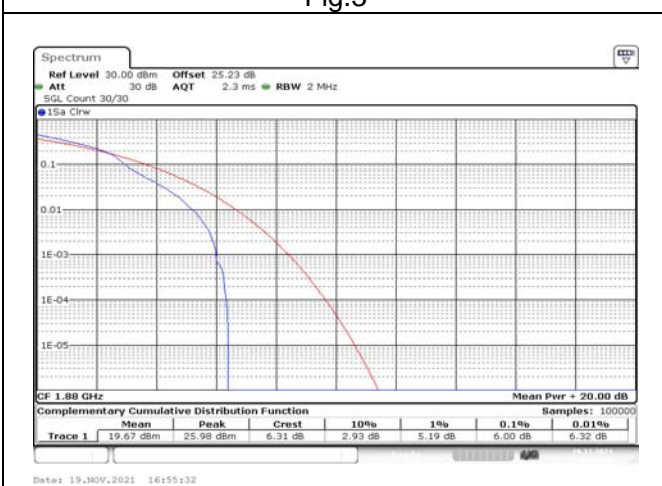


Fig.5

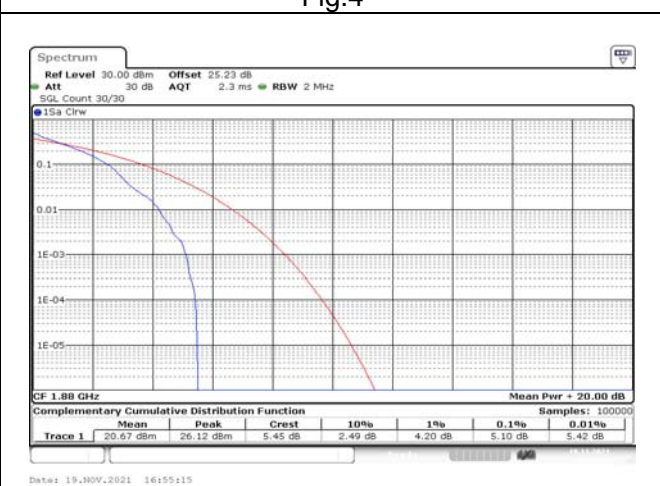


Fig.6



Fig.7

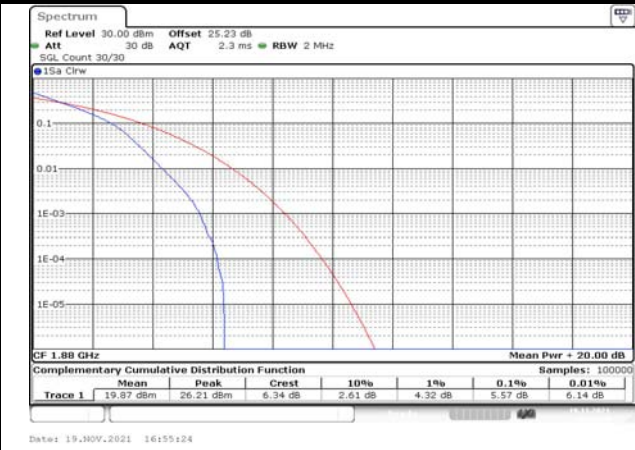


Fig.8

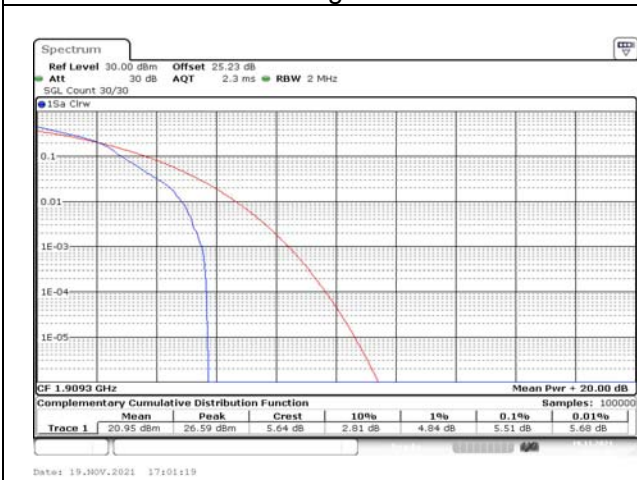


Fig.9

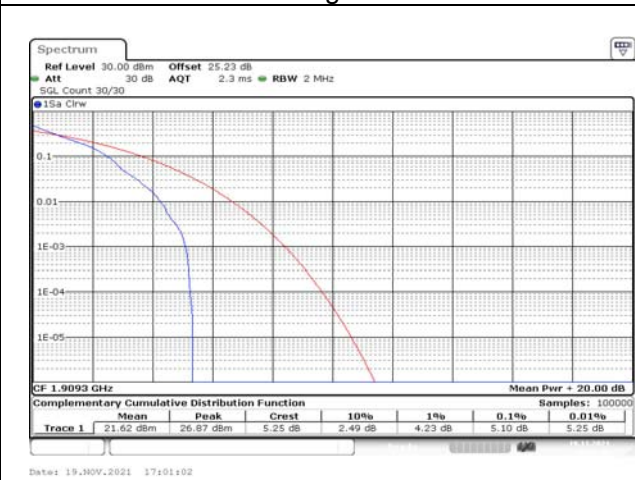


Fig.10

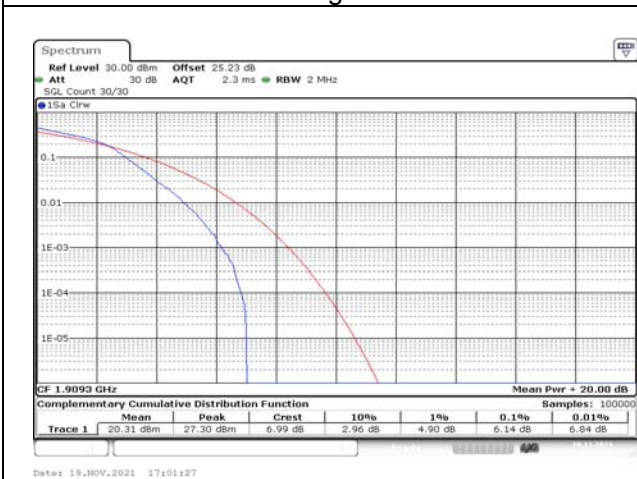


Fig.11

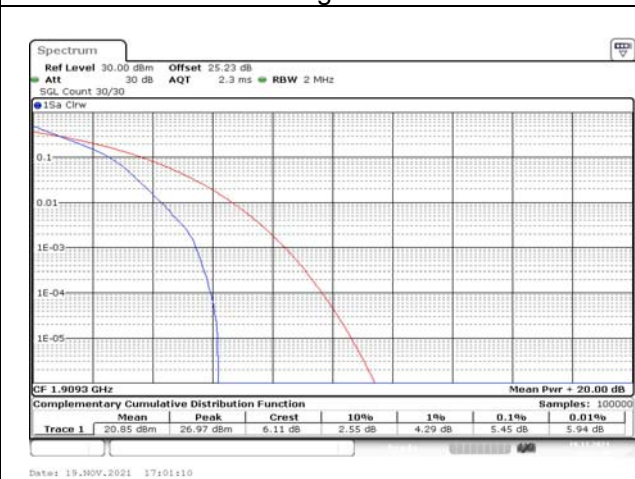


Fig.12

7 Band Edges Compliance

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|------|-------------------------|---------|-----|---------|-----------|-----------------|
| | | | | | | QPSK |
| 2 | 1850.7 | 18607 | 1.4 | 1 | 0 | Fig.1 |
| 2 | 1850.7 | 18607 | 1.4 | 6 | 0 | Fig.2 |
| 2 | 1909.3 | 19193 | 1.4 | 1 | 5 | Fig.3 |
| 2 | 1909.3 | 19193 | 1.4 | 6 | 0 | Fig.4 |

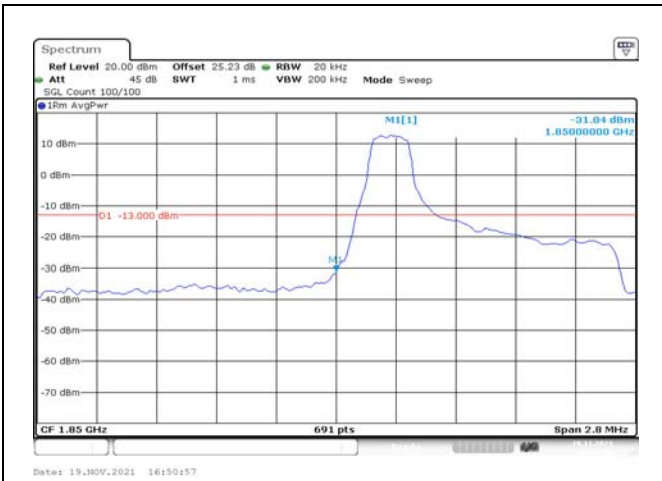


Fig.1

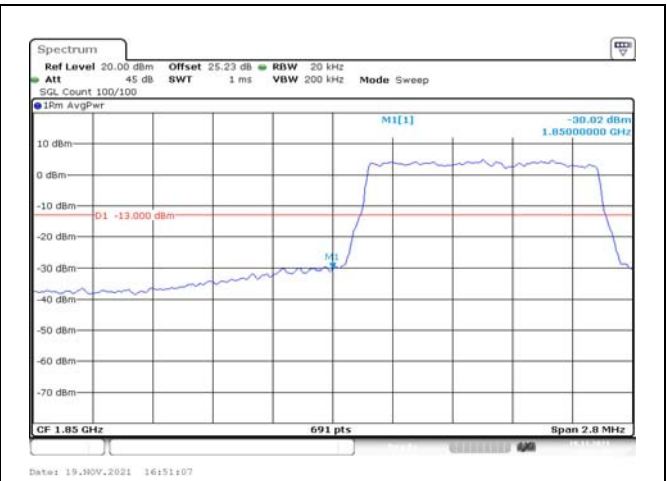


Fig.2

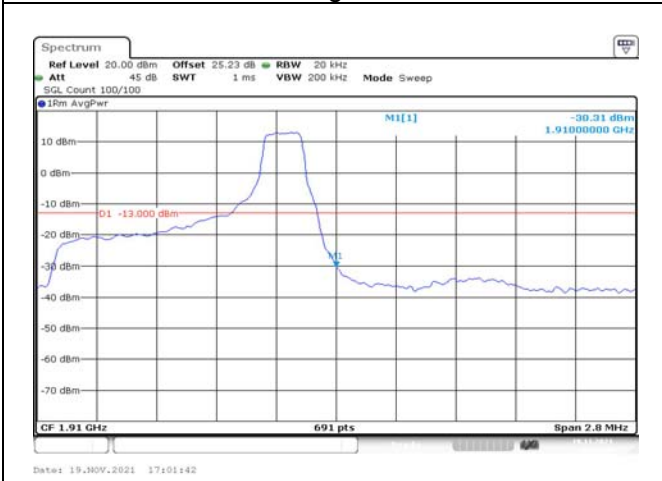


Fig.3

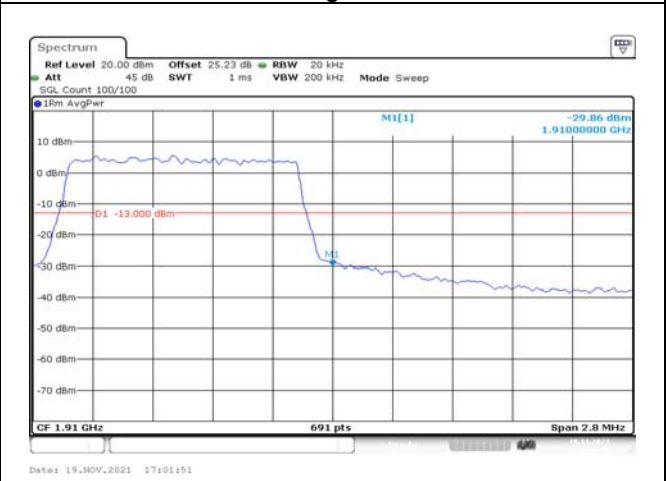


Fig.4

8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM | 1850.7 | 18607 | 1.4 | 1 | 0 | 21.97 | 21.39 | 0.138 |
| 16QAM | 1850.7 | 18607 | 1.4 | 1 | 3 | 21.78 | 21.20 | 0.132 |
| 16QAM | 1850.7 | 18607 | 1.4 | 1 | 5 | 21.77 | 21.19 | 0.132 |
| 16QAM | 1850.7 | 18607 | 1.4 | 3 | 0 | 21.51 | 20.93 | 0.124 |
| 16QAM | 1850.7 | 18607 | 1.4 | 3 | 1 | 21.35 | 20.77 | 0.119 |
| 16QAM | 1850.7 | 18607 | 1.4 | 3 | 3 | 21.53 | 20.95 | 0.124 |
| 16QAM | 1850.7 | 18607 | 1.4 | 6 | 0 | 20.62 | 20.04 | 0.101 |
| 16QAM | 1880 | 18900 | 1.4 | 1 | 0 | 21.22 | 20.64 | 0.116 |
| 16QAM | 1880 | 18900 | 1.4 | 1 | 3 | 21.26 | 20.68 | 0.117 |
| 16QAM | 1880 | 18900 | 1.4 | 1 | 5 | 21.33 | 20.75 | 0.119 |
| 16QAM | 1880 | 18900 | 1.4 | 3 | 0 | 21.38 | 20.80 | 0.120 |
| 16QAM | 1880 | 18900 | 1.4 | 3 | 1 | 21.43 | 20.85 | 0.122 |
| 16QAM | 1880 | 18900 | 1.4 | 3 | 3 | 21.40 | 20.82 | 0.121 |
| 16QAM | 1880 | 18900 | 1.4 | 6 | 0 | 20.48 | 19.90 | 0.098 |
| 16QAM | 1909.3 | 19193 | 1.4 | 1 | 0 | 21.99 | 21.41 | 0.138 |
| 16QAM | 1909.3 | 19193 | 1.4 | 1 | 3 | 22.01 | 21.43 | 0.139 |
| 16QAM | 1909.3 | 19193 | 1.4 | 1 | 5 | 22.04 | 21.46 | 0.140 |
| 16QAM | 1909.3 | 19193 | 1.4 | 3 | 0 | 22.07 | 21.49 | 0.141 |
| 16QAM | 1909.3 | 19193 | 1.4 | 3 | 1 | 22.09 | 21.51 | 0.142 |
| 16QAM | 1909.3 | 19193 | 1.4 | 3 | 3 | 22.09 | 21.51 | 0.142 |
| 16QAM | 1909.3 | 19193 | 1.4 | 6 | 0 | 21.08 | 20.50 | 0.112 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1850.7 | 18607 | 1.4 | 1 | 0 | 22.43 | 21.85 | 0.153 |
| QPSK | 1850.7 | 18607 | 1.4 | 1 | 3 | 22.44 | 21.86 | 0.153 |
| QPSK | 1850.7 | 18607 | 1.4 | 1 | 5 | 22.44 | 21.86 | 0.153 |
| QPSK | 1850.7 | 18607 | 1.4 | 3 | 0 | 22.47 | 21.89 | 0.155 |
| QPSK | 1850.7 | 18607 | 1.4 | 3 | 1 | 22.54 | 21.96 | 0.157 |
| QPSK | 1850.7 | 18607 | 1.4 | 3 | 3 | 22.46 | 21.88 | 0.154 |
| QPSK | 1850.7 | 18607 | 1.4 | 6 | 0 | 21.49 | 20.91 | 0.123 |
| QPSK | 1880 | 18900 | 1.4 | 1 | 0 | 22.14 | 21.56 | 0.143 |
| QPSK | 1880 | 18900 | 1.4 | 1 | 3 | 22.19 | 21.61 | 0.145 |
| QPSK | 1880 | 18900 | 1.4 | 1 | 5 | 22.13 | 21.55 | 0.143 |
| QPSK | 1880 | 18900 | 1.4 | 3 | 0 | 22.19 | 21.61 | 0.145 |
| QPSK | 1880 | 18900 | 1.4 | 3 | 1 | 22.20 | 21.62 | 0.145 |
| QPSK | 1880 | 18900 | 1.4 | 3 | 3 | 22.19 | 21.61 | 0.145 |
| QPSK | 1880 | 18900 | 1.4 | 6 | 0 | 21.21 | 20.63 | 0.116 |
| QPSK | 1909.3 | 19193 | 1.4 | 1 | 0 | 22.52 | 21.94 | 0.156 |
| QPSK | 1909.3 | 19193 | 1.4 | 1 | 3 | 22.63 | 22.05 | 0.160 |
| QPSK | 1909.3 | 19193 | 1.4 | 1 | 5 | 22.58 | 22.00 | 0.158 |
| QPSK | 1909.3 | 19193 | 1.4 | 3 | 0 | 22.72 | 22.14 | 0.164 |
| QPSK | 1909.3 | 19193 | 1.4 | 3 | 1 | 22.68 | 22.10 | 0.162 |
| QPSK | 1909.3 | 19193 | 1.4 | 3 | 3 | 22.74 | 22.16 | 0.164 |
| QPSK | 1909.3 | 19193 | 1.4 | 6 | 0 | 21.72 | 21.14 | 0.130 |