

Fig.79

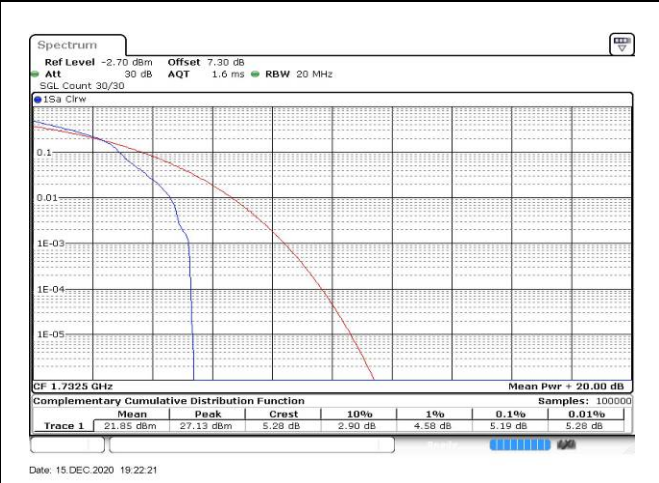


Fig.80

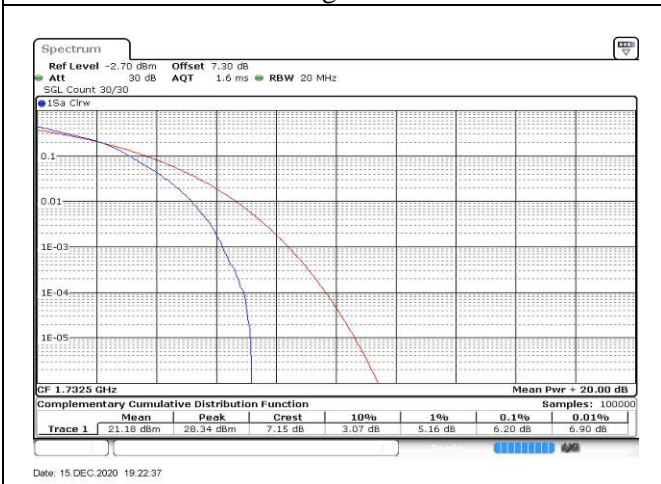


Fig.81

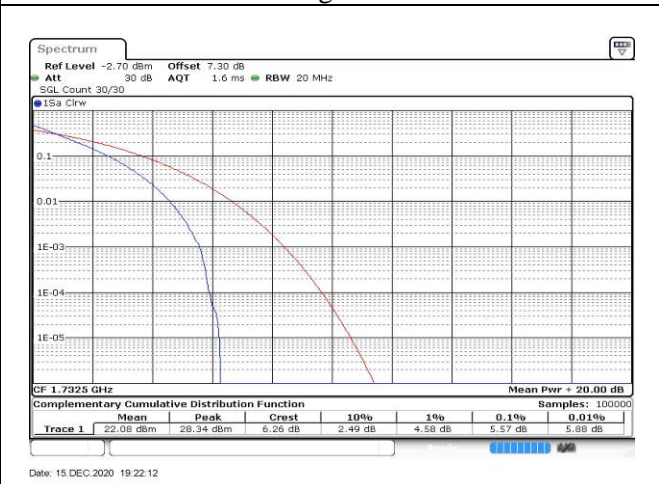


Fig.82

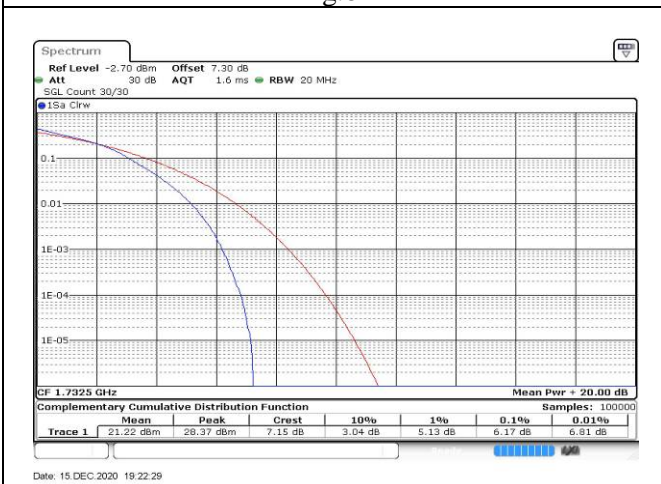


Fig.83

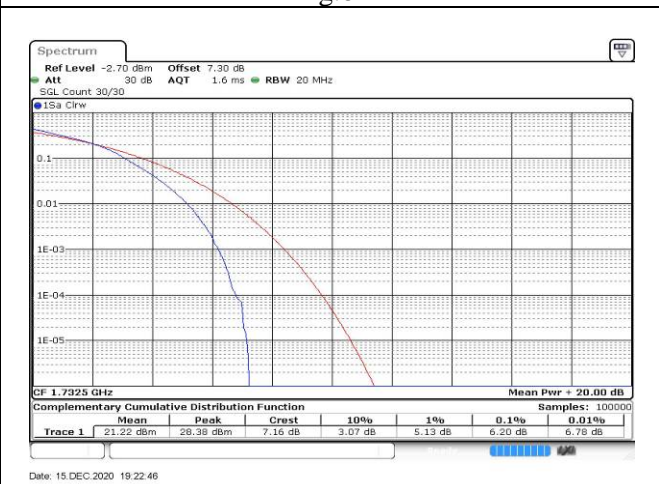


Fig.84

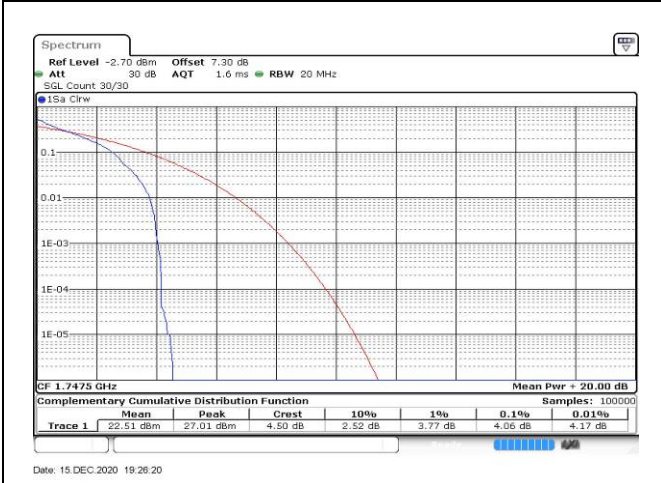


Fig.85

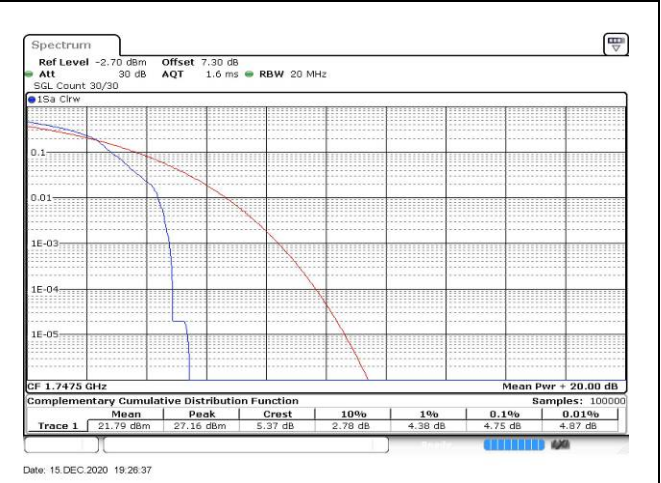


Fig.86

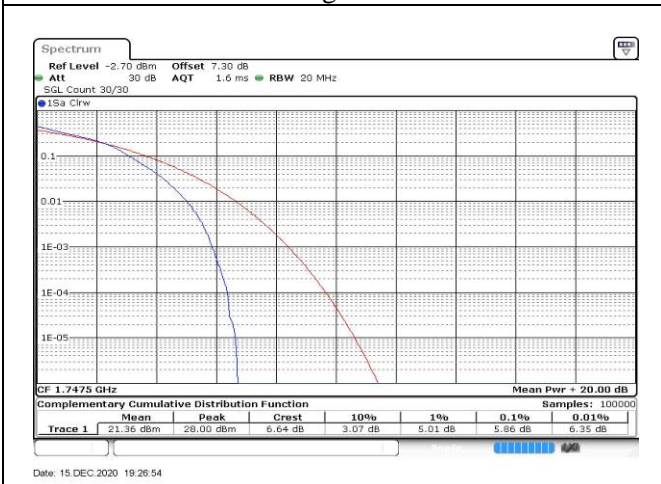


Fig.87

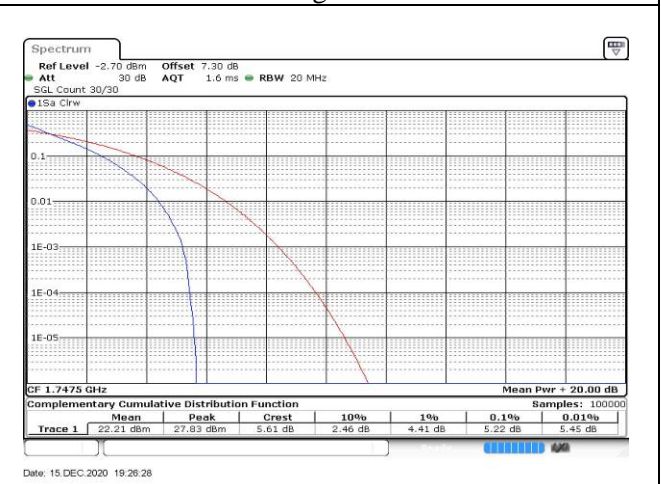


Fig.88

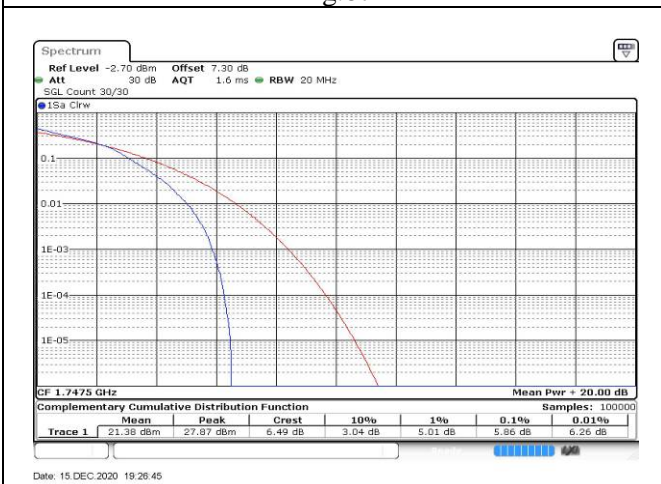


Fig.89

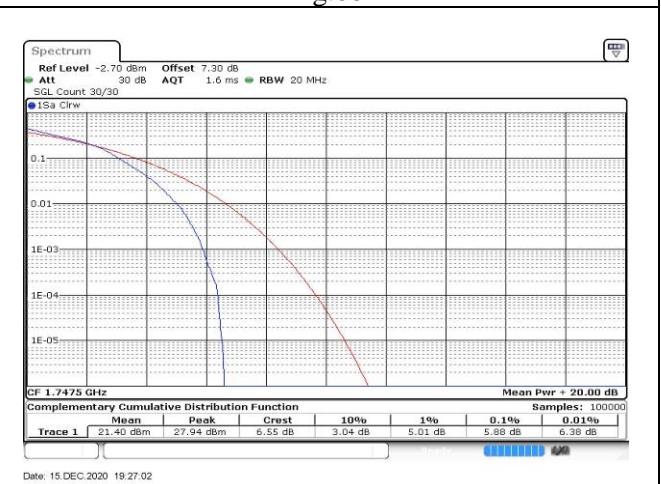


Fig.90

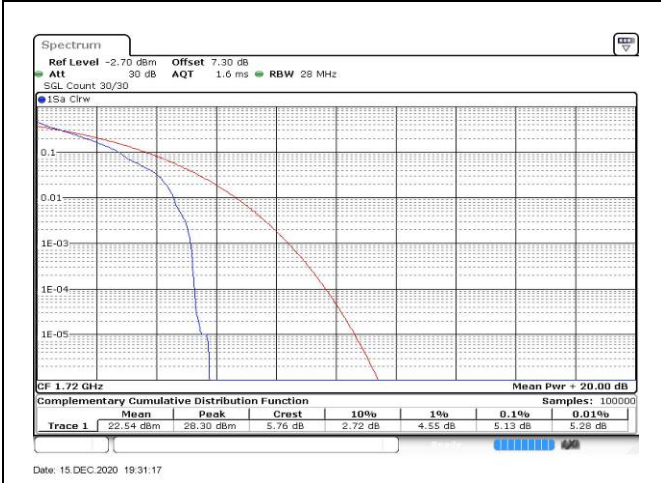


Fig.91

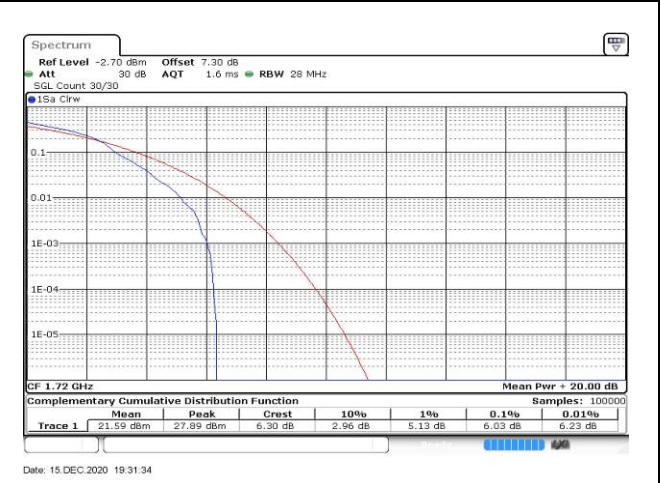


Fig.92

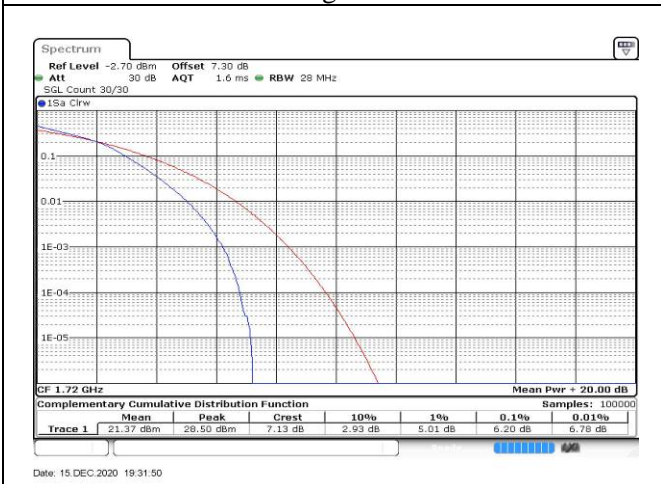


Fig.93

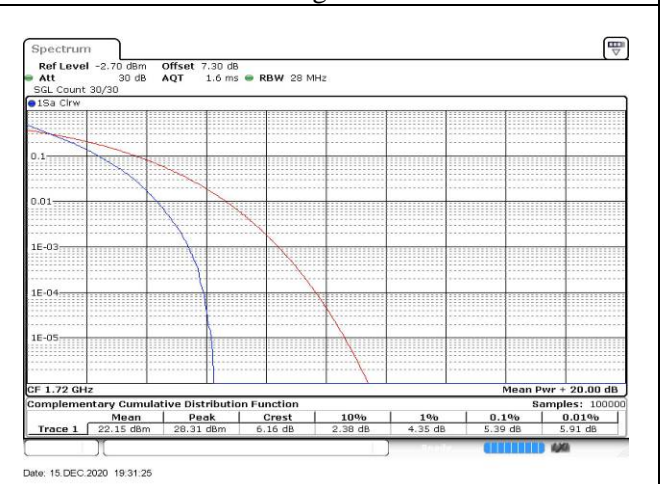


Fig.94

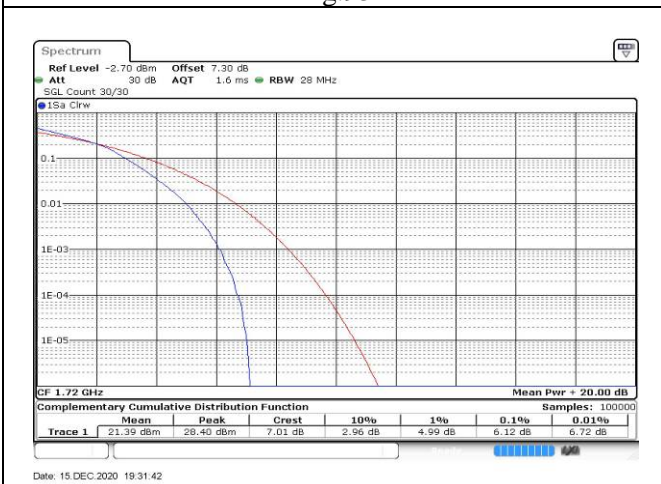


Fig.95

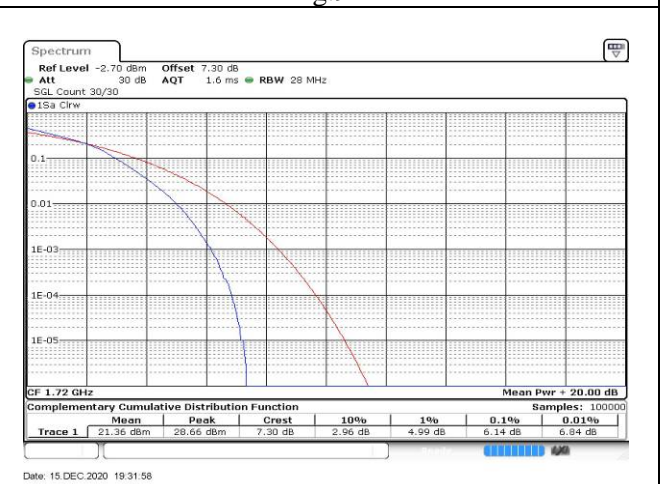


Fig.96

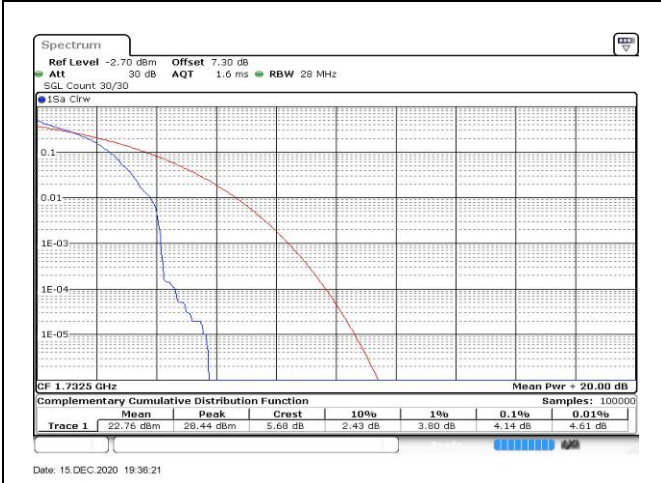


Fig.97

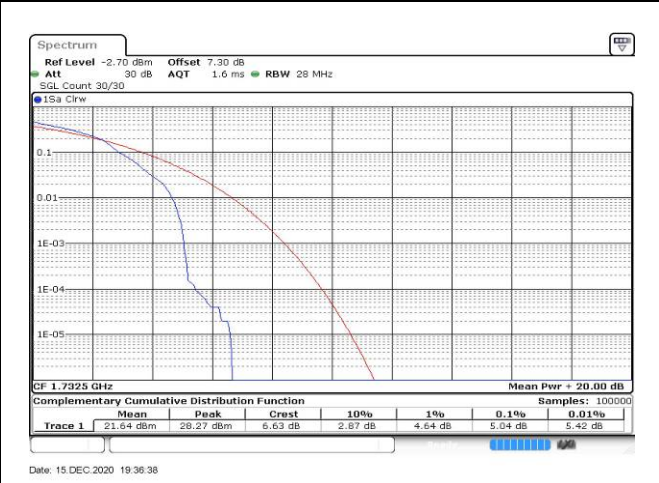


Fig.98

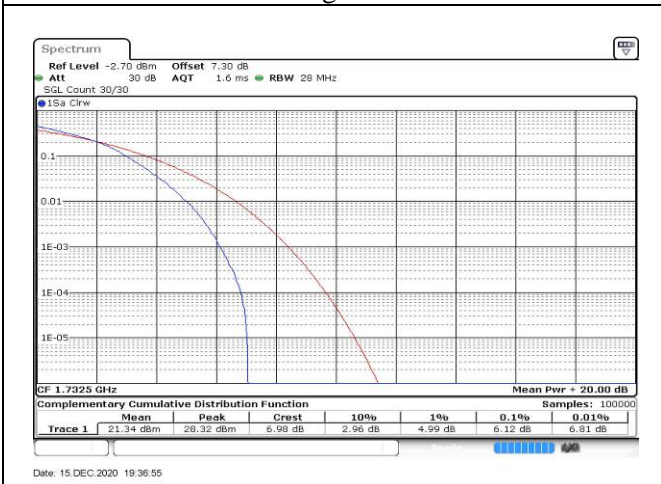


Fig.99

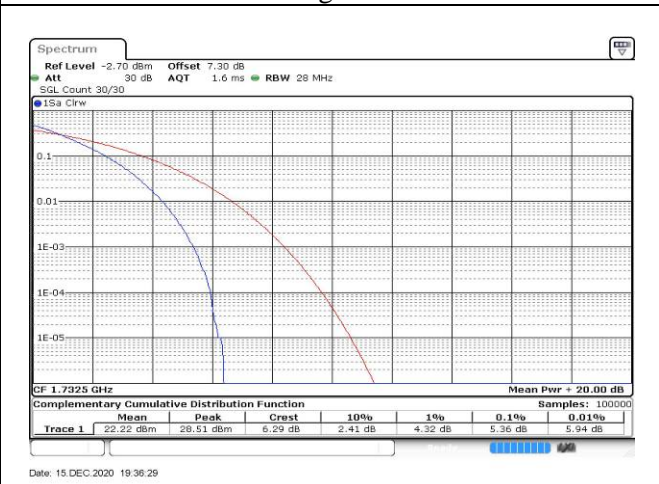


Fig.100

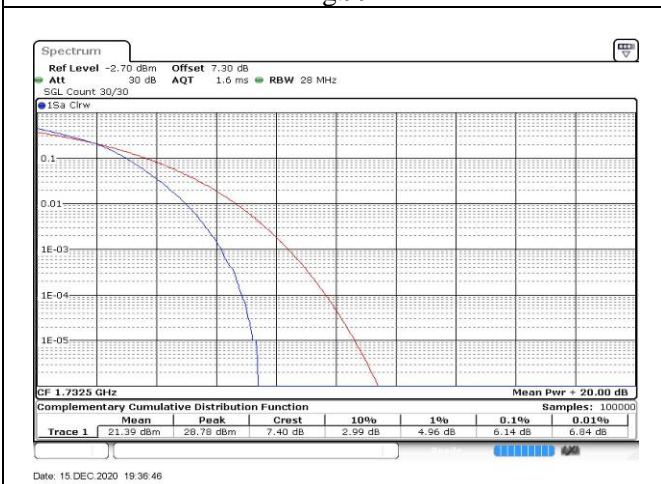


Fig.101

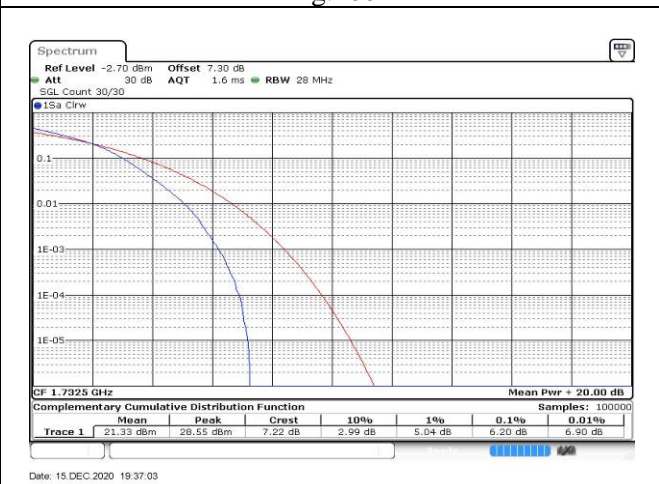


Fig.102

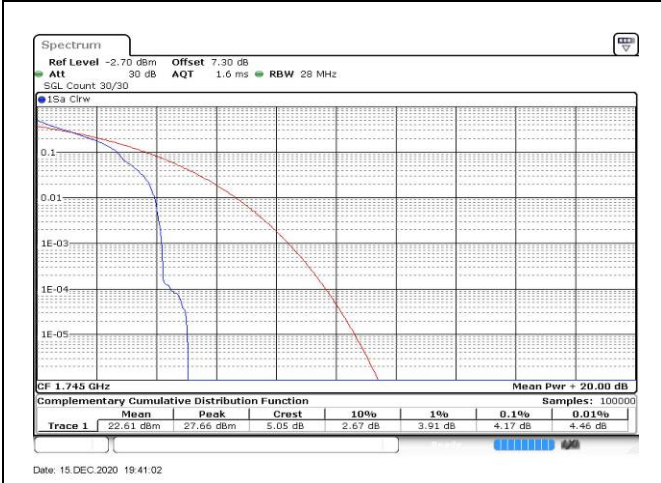


Fig.103

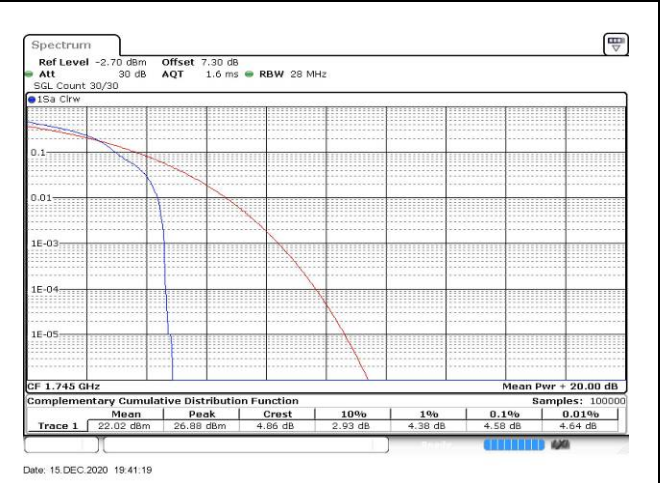


Fig.104

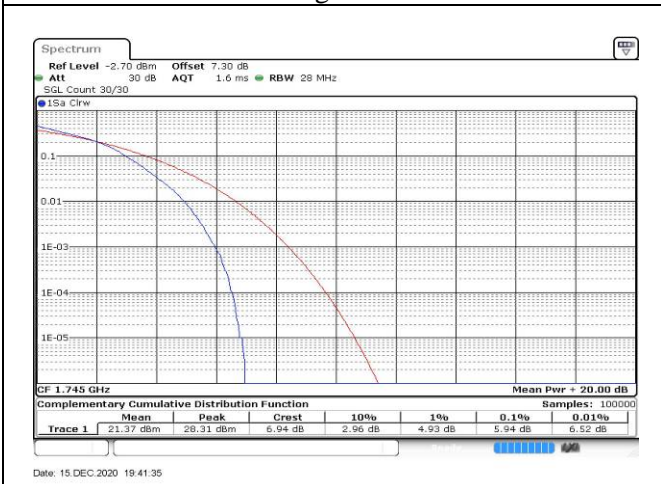


Fig.105

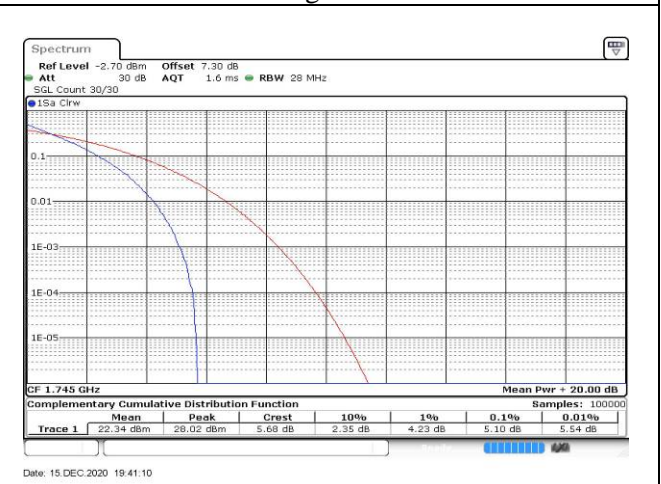


Fig.106

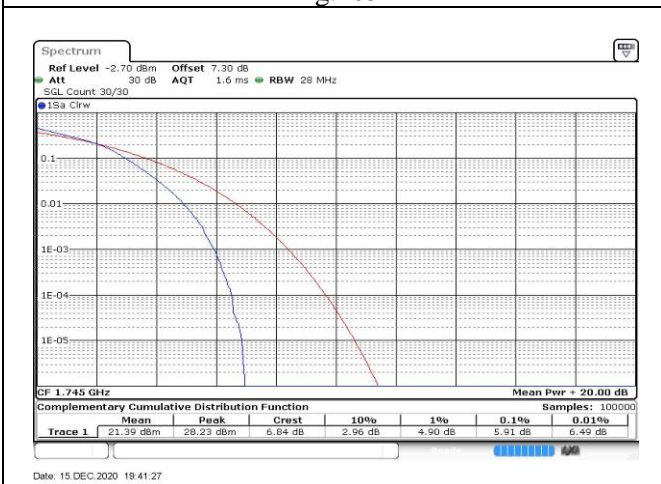


Fig.107

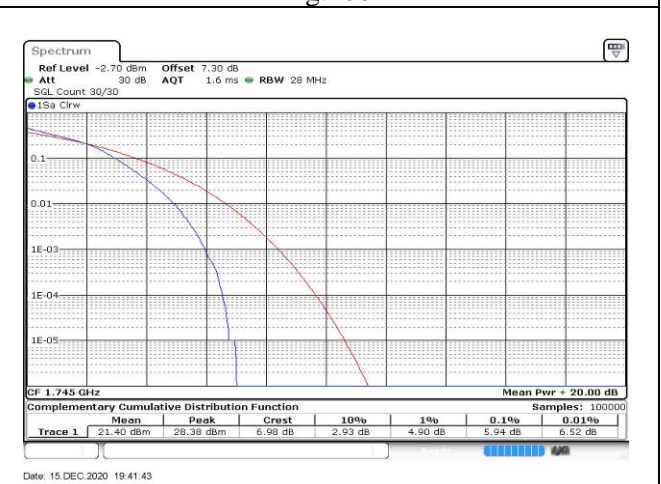


Fig.108

5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
| | | | | | | QPSK |
| 4 | 1720 | 20050 | 20 | 1 | 0 | Fig.1 |
| | 1732.5 | 20175 | | 1 | 0 | Fig.2 |
| | 1745 | 20300 | | 1 | 0 | Fig.3 |

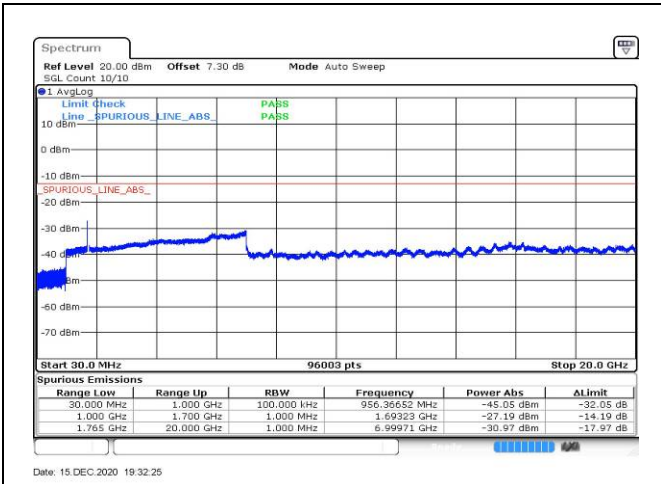


Fig.1

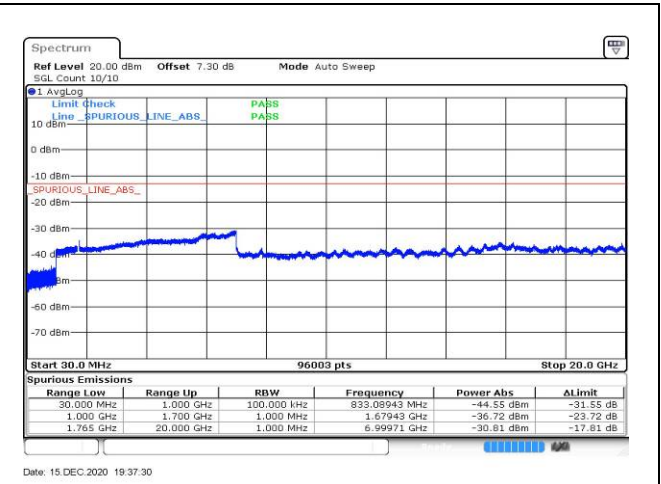


Fig.2

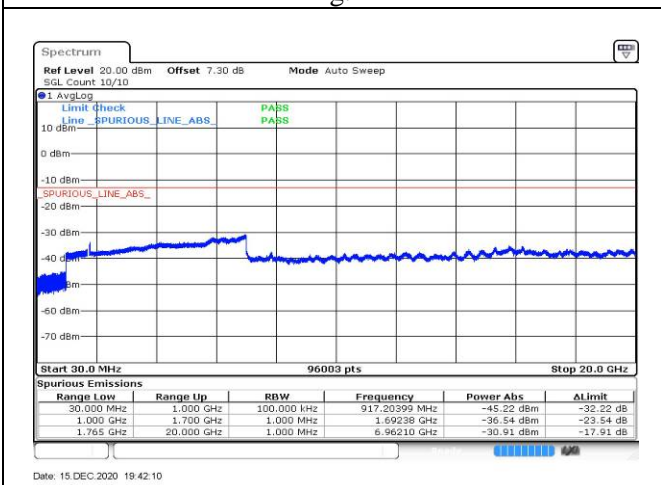


Fig.3

6 Band Edges Compliance

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|------|-------------------------|---------|-----|---------|-----------|-----------------|
| | | | | | | QPSK |
| 4 | 1710.7 | 19957 | 1.4 | 1 | 0 | Fig.1 |
| | | | | 6 | 0 | Fig.2 |
| | 1754.3 | 20393 | | 1 | 5 | Fig.3 |
| | | | | 6 | 0 | Fig.4 |
| | 1711.5 | 19965 | 3 | 1 | 0 | Fig.5 |
| | | | | 15 | 0 | Fig.6 |
| | 1753.5 | 20385 | | 1 | 14 | Fig.7 |
| | | | | 15 | 0 | Fig.8 |
| | 1712.5 | 19975 | 5 | 1 | 0 | Fig.9 |
| | | | | 25 | 0 | Fig.10 |
| | 1752.5 | 20375 | | 1 | 24 | Fig.11 |
| | | | | 25 | 0 | Fig.12 |
| | 1715 | 20000 | 10 | 1 | 0 | Fig.13 |
| | | | | 50 | 0 | Fig.14 |
| | 1750 | 20350 | | 1 | 49 | Fig.15 |
| | | | | 50 | 0 | Fig.16 |
| | 1717.5 | 20025 | 15 | 1 | 0 | Fig.17 |
| | | | | 75 | 0 | Fig.18 |
| | 1747.5 | 20325 | | 1 | 74 | Fig.19 |
| | | | | 75 | 0 | Fig.20 |
| | 1720 | 20050 | 20 | 1 | 0 | Fig.21 |
| | | | | 100 | 0 | Fig.22 |
| | 1745 | 20300 | | 1 | 99 | Fig.23 |
| | | | | 100 | 0 | Fig.24 |

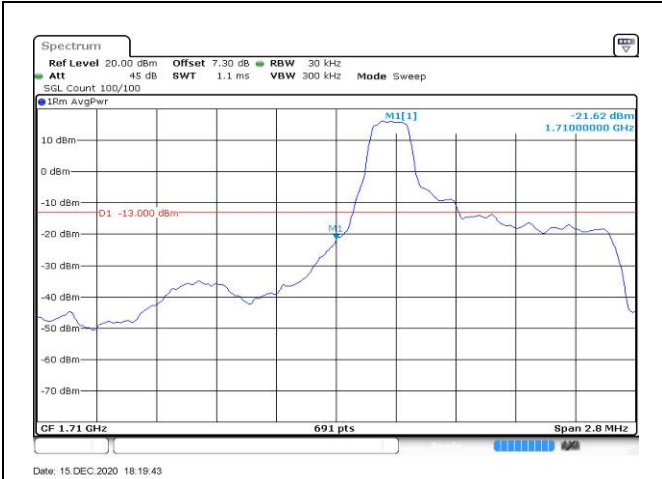


Fig.1

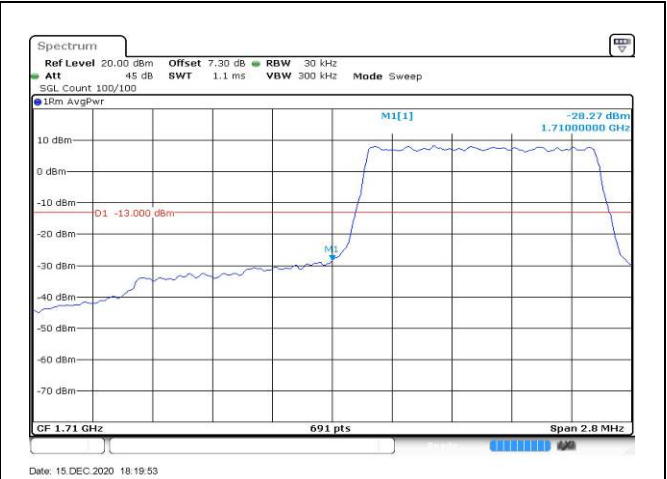


Fig.2

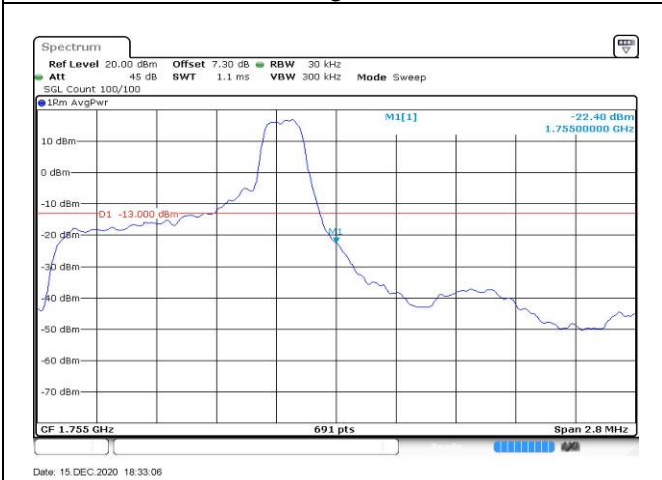


Fig.3

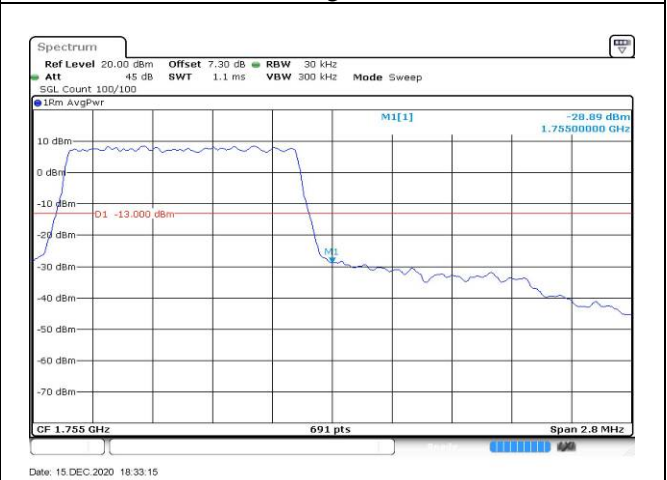


Fig.4

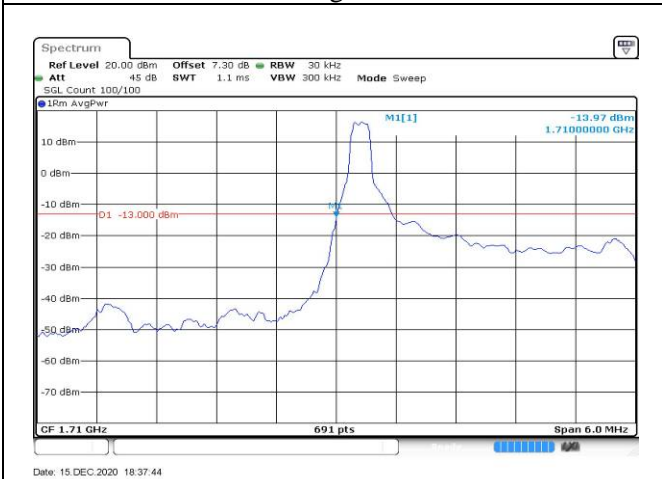


Fig.5

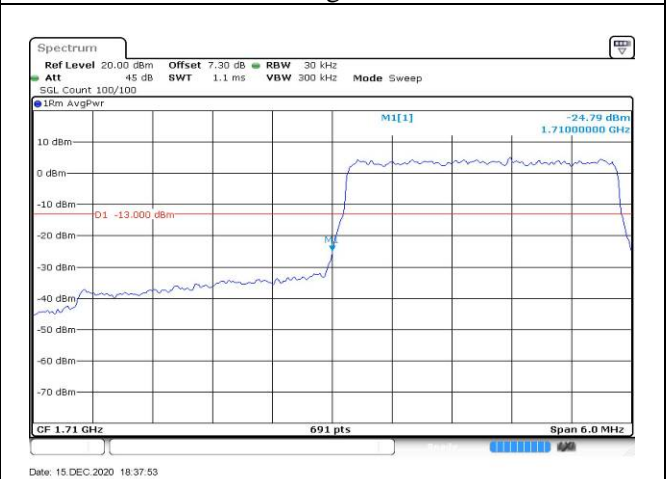


Fig.6

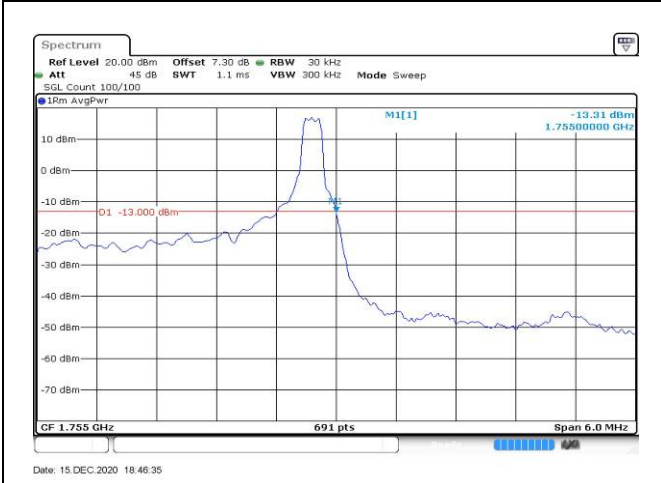


Fig.7

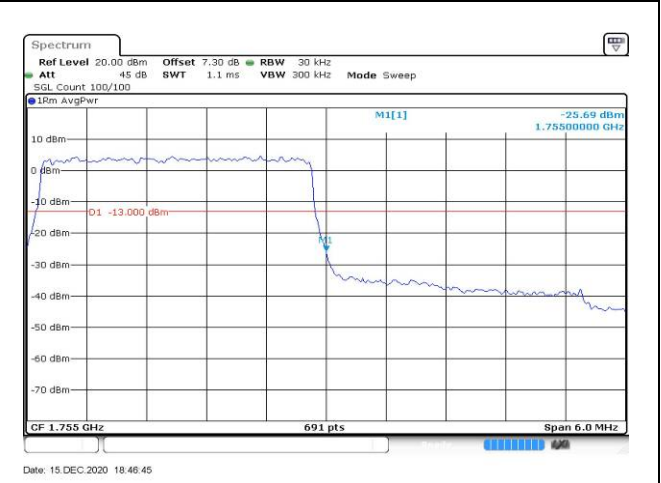


Fig.8

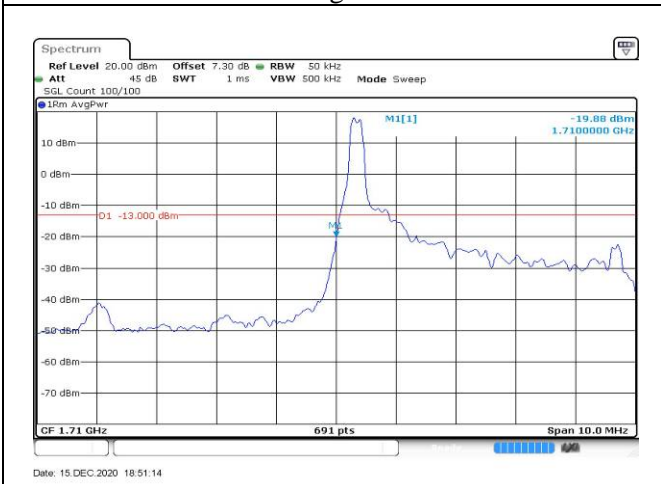


Fig.9

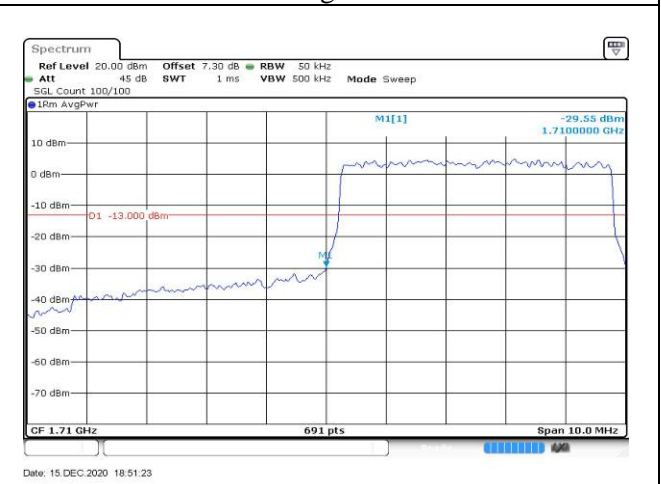


Fig.10

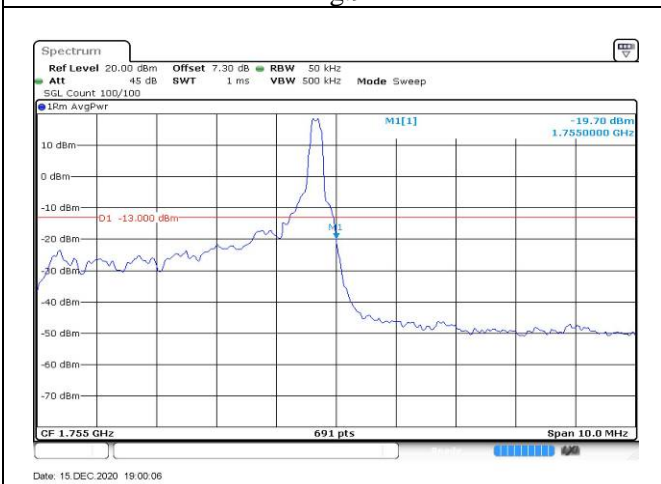


Fig.11

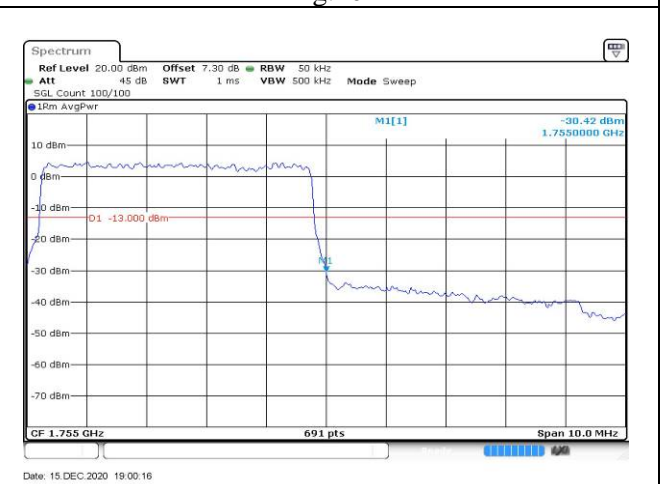


Fig.12

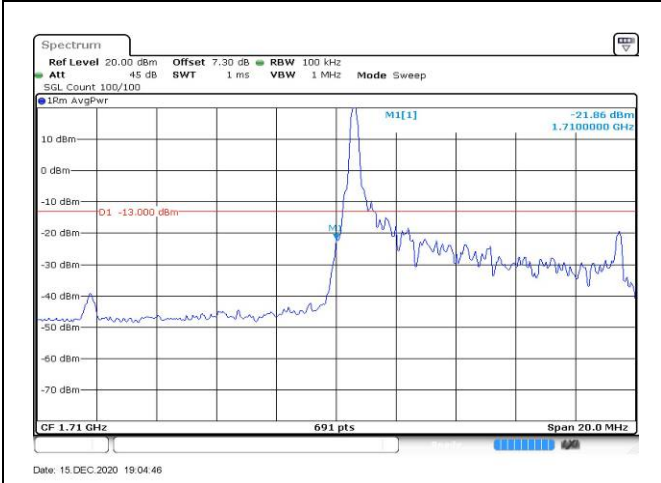


Fig.13

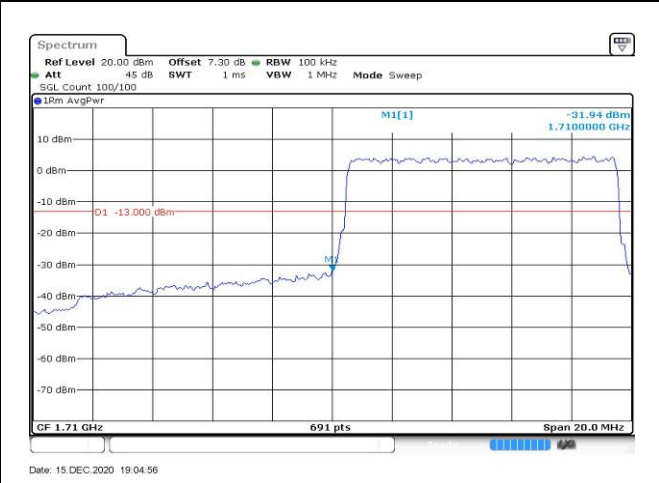


Fig.14

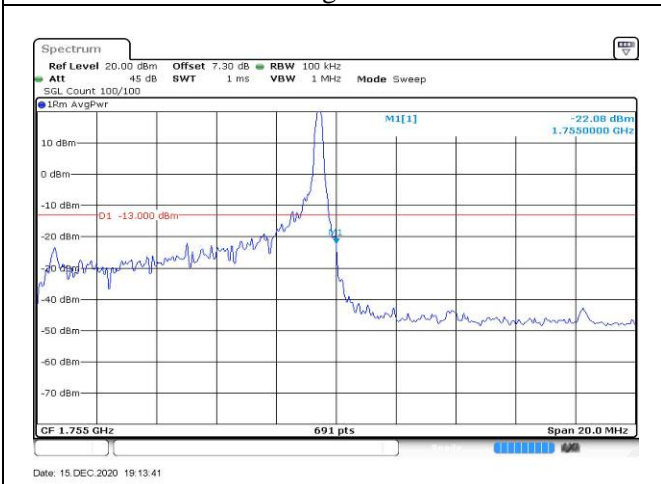


Fig.15

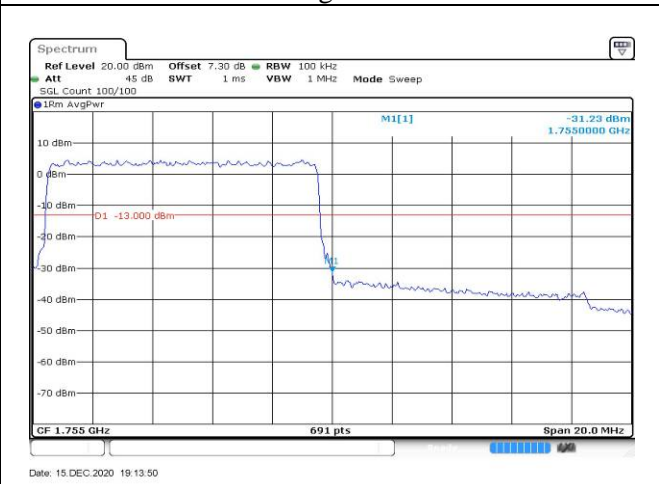


Fig.16

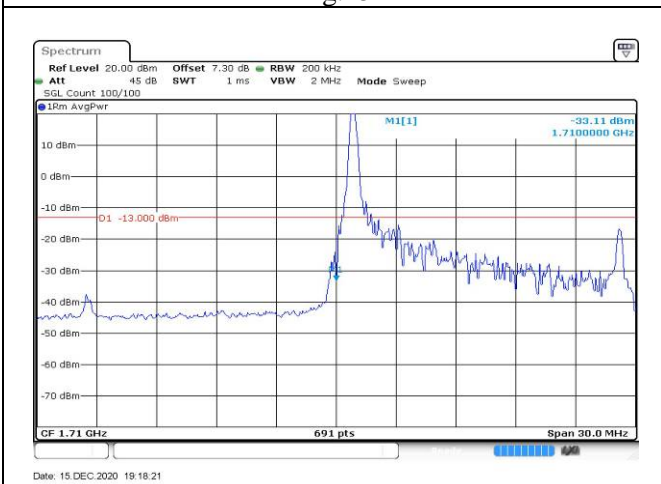


Fig.17

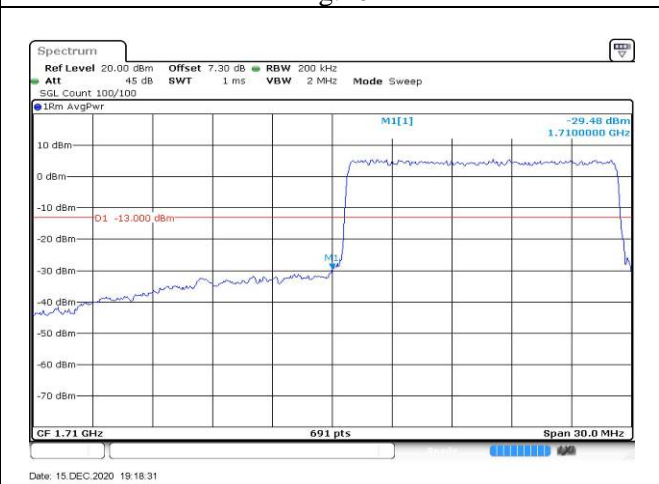
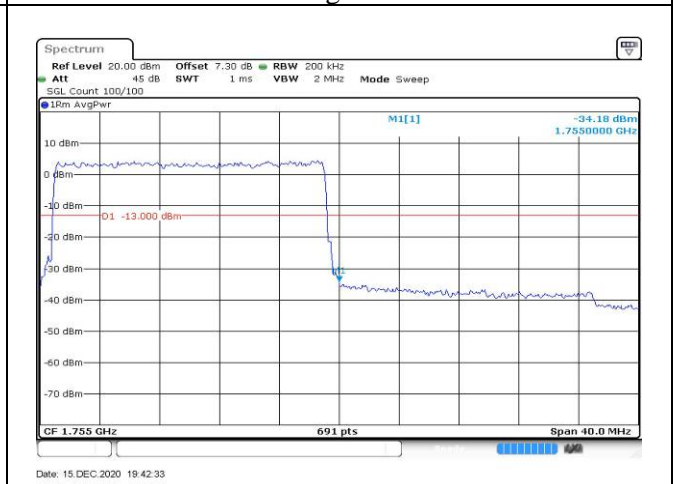
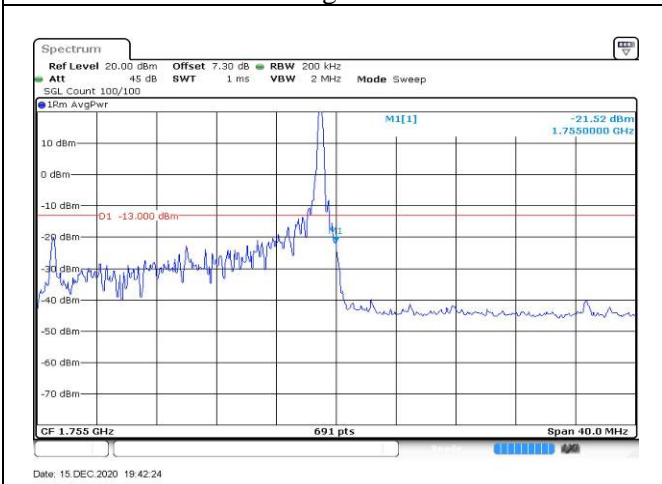
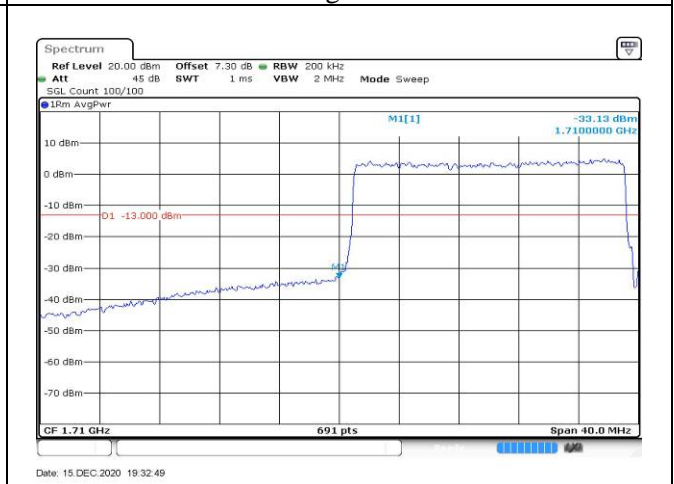
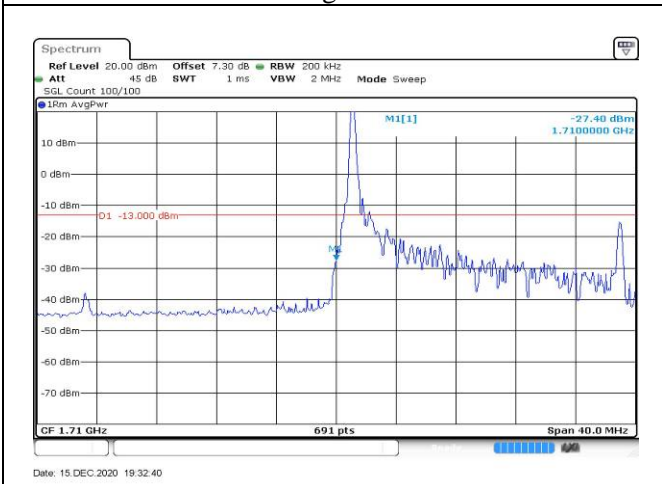
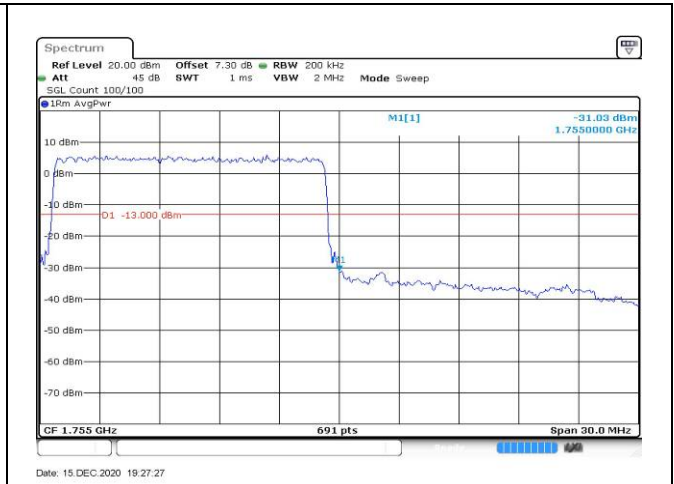
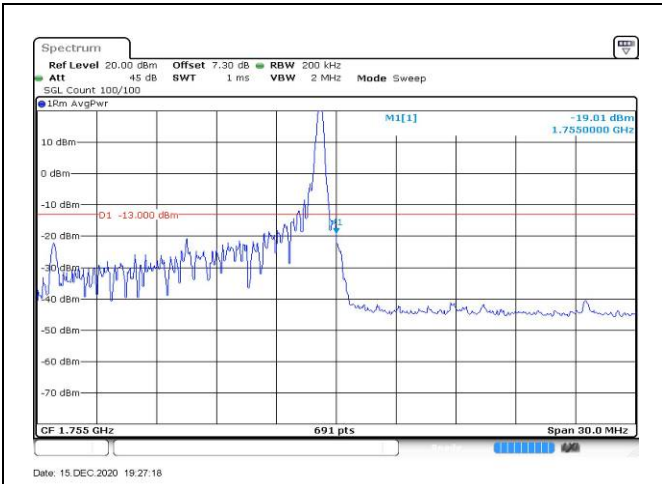


Fig.18



7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band4 Low Channel QPSK | | | | | |
|-----------------|---------|--|--------|--------|--------|--------|--------|
| | | 1.4M | 3M | 5M | 10M | 15M | 20M |
| -10 | NV | -0.013 | -0.016 | -0.023 | -0.022 | -0.019 | -0.020 |
| 0 | NV | -0.026 | -0.009 | -0.024 | -0.012 | -0.020 | -0.003 |
| +10 | NV | -0.015 | -0.016 | -0.014 | -0.013 | -0.027 | 0.001 |
| +20 | NV | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| +30 | NV | -0.003 | -0.021 | -0.007 | -0.020 | -0.006 | 0.001 |
| +40 | NV | -0.010 | -0.026 | -0.011 | -0.006 | -0.015 | 0.002 |
| +50 | NV | -0.004 | -0.008 | -0.011 | -0.008 | 0.002 | -0.007 |
| +55 | NV | -0.003 | -0.006 | -0.010 | -0.009 | 0.006 | -0.004 |
| +20 | LV | -0.015 | -0.021 | -0.003 | -0.011 | -0.021 | -0.014 |
| +20 | HV | -0.002 | -0.016 | -0.011 | 0.001 | -0.005 | -0.022 |

| Temperature(°C) | Voltage | Test Result (ppm) Band4 High Channel QPSK | | | | | |
|-----------------|---------|---|--------|--------|--------|--------|--------|
| | | 1.4M | 3M | 5M | 10M | 15M | 20M |
| -10 | NV | -0.017 | -0.019 | -0.005 | -0.020 | -0.021 | -0.019 |
| 0 | NV | -0.006 | -0.012 | -0.027 | -0.003 | 0.000 | -0.012 |
| +10 | NV | -0.009 | -0.017 | -0.007 | 0.001 | 0.000 | -0.022 |
| +20 | NV | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| +30 | NV | -0.022 | -0.022 | -0.026 | -0.001 | -0.019 | -0.011 |
| +40 | NV | -0.017 | -0.017 | 0.000 | -0.010 | -0.017 | -0.008 |
| +50 | NV | -0.009 | -0.022 | -0.022 | -0.019 | -0.016 | -0.022 |
| +55 | NV | -0.0011 | -0.018 | -0.011 | -0.014 | -0.015 | -0.018 |
| +20 | LV | 0.007 | -0.008 | -0.016 | -0.018 | 0.001 | 0.003 |
| +20 | HV | -0.016 | -0.011 | -0.021 | -0.007 | -0.014 | -0.025 |

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) | |
|------------|-------------------------|------------|-------|---------|-----------|------------------------|-----------------|---------------|-------|
| QPSK | 1710.7 | 19957 | 1.4 | 1 | 0 | 24.12 | 22.92 | 0.196 | |
| | | | | 1 | 3 | 23.99 | 22.79 | 0.190 | |
| | | | | 1 | 5 | 24.02 | 22.82 | 0.191 | |
| | | | | 3 | 0 | 24.15 | 22.95 | 0.197 | |
| | | | | 3 | 1 | 24.11 | 22.91 | 0.195 | |
| | | | | 3 | 3 | 24.10 | 22.90 | 0.195 | |
| | 6 | 0 | | 22.89 | 21.69 | 0.148 | | | |
| | 1 | 0 | | 24.24 | 23.04 | 0.201 | | | |
| | 1 | 3 | | 24.05 | 22.85 | 0.193 | | | |
| | 1 | 5 | | 24.14 | 22.94 | 0.197 | | | |
| | 3 | 0 | | 24.27 | 23.07 | 0.203 | | | |
| | 3 | 1 | | 24.19 | 22.99 | 0.199 | | | |
| | 3 | 3 | | 24.16 | 22.96 | 0.198 | | | |
| | 6 | 0 | | 22.95 | 21.75 | 0.150 | | | |
| | 1 | 0 | | 24.19 | 22.99 | 0.199 | | | |
| | 1 | 3 | | 24.01 | 22.81 | 0.191 | | | |
| | 1 | 5 | | 24.05 | 22.85 | 0.193 | | | |
| | 3 | 0 | | 24.16 | 22.96 | 0.198 | | | |
| | 3 | 1 | | 24.14 | 22.94 | 0.197 | | | |
| | 3 | 3 | | 24.17 | 22.97 | 0.198 | | | |
| | 6 | 0 | | 22.96 | 21.76 | 0.150 | | | |
| | 16QAM | 1710.7 | | 19957 | 1 | 0 | 23.63 | 22.43 | 0.175 |
| | | | | | 1 | 3 | 23.71 | 22.51 | 0.178 |
| | | | | | 1 | 5 | 23.70 | 22.50 | 0.178 |
| 3 | | | 0 | | 23.12 | 21.92 | 0.156 | | |
| 3 | | | 1 | | 23.09 | 21.89 | 0.155 | | |
| 3 | | | 3 | | 23.18 | 21.98 | 0.158 | | |
| 6 | | 0 | 22.28 | 21.08 | 0.128 | | | | |
| 1 | | 0 | 23.60 | 22.40 | 0.174 | | | | |
| 1 | | 3 | 23.61 | 22.41 | 0.174 | | | | |
| 1 | | 5 | 23.62 | 22.42 | 0.175 | | | | |
| 3 | | 0 | 22.81 | 21.61 | 0.145 | | | | |
| 3 | | 1 | 22.86 | 21.66 | 0.147 | | | | |
| 3 | | 3 | 22.86 | 21.66 | 0.147 | | | | |
| 6 | | 0 | 22.01 | 20.81 | 0.121 | | | | |
| 1 | | 0 | 23.84 | 22.64 | 0.184 | | | | |
| 1 | | 3 | 23.78 | 22.58 | 0.181 | | | | |
| 1 | | 5 | 23.83 | 22.63 | 0.183 | | | | |
| 3 | | 0 | 23.21 | 22.01 | 0.159 | | | | |
| 3 | | 1 | 22.91 | 21.71 | 0.148 | | | | |
| 3 | | 3 | 22.89 | 21.69 | 0.148 | | | | |
| 6 | | 0 | 22.31 | 21.11 | 0.129 | | | | |
| 1732.5 | | 20175 | 20393 | 1 | 0 | 24.24 | 23.04 | 0.201 | |
| | | | | 1 | 3 | 24.05 | 22.85 | 0.193 | |
| | | | | 1 | 5 | 24.14 | 22.94 | 0.197 | |
| | 3 | | | 0 | 24.27 | 23.07 | 0.203 | | |
| | 3 | | | 1 | 24.19 | 22.99 | 0.199 | | |
| | 3 | | | 3 | 24.16 | 22.96 | 0.198 | | |
| 1754.3 | 20393 | 20393 | 6 | 0 | 22.95 | 21.75 | 0.150 | | |
| | | | 1 | 0 | 24.19 | 22.99 | 0.199 | | |
| | | | 1 | 3 | 24.01 | 22.81 | 0.191 | | |
| | | | 1 | 5 | 24.05 | 22.85 | 0.193 | | |
| | | | 3 | 0 | 24.16 | 22.96 | 0.198 | | |
| | | | 3 | 1 | 24.14 | 22.94 | 0.197 | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) | |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|-------|
| 64QAM | 1710.7 | 19957 | 1.4 | 1 | 0 | 22.33 | 21.13 | 0.130 | |
| | | | | 1 | 3 | 22.28 | 21.08 | 0.128 | |
| | | | | 1 | 5 | 22.33 | 21.13 | 0.130 | |
| | | | | 3 | 0 | 22.33 | 21.13 | 0.130 | |
| | | | | 3 | 1 | 22.23 | 21.03 | 0.127 | |
| | | | | 3 | 3 | 22.33 | 21.13 | 0.130 | |
| | 1732.5 | 20175 | | 6 | 0 | 22.34 | 21.14 | 0.130 | |
| | | | | 1 | 0 | 22.00 | 20.80 | 0.120 | |
| | | | | 1 | 3 | 22.12 | 20.92 | 0.124 | |
| | | | | 1 | 5 | 22.03 | 20.83 | 0.121 | |
| | | | | 3 | 0 | 22.10 | 20.90 | 0.123 | |
| | | | | 3 | 1 | 22.10 | 20.90 | 0.123 | |
| | 1754.3 | 20393 | | 3 | 3 | 22.09 | 20.89 | 0.123 | |
| | | | | 6 | 0 | 22.09 | 20.89 | 0.123 | |
| | | | | 1 | 0 | 22.30 | 21.10 | 0.129 | |
| | | | | 1 | 3 | 22.29 | 21.09 | 0.129 | |
| | | | | 1 | 5 | 22.29 | 21.09 | 0.129 | |
| | | | | 3 | 0 | 22.35 | 21.15 | 0.130 | |
| | | | | | 3 | 1 | 22.32 | 21.12 | 0.129 |
| | | | | | 3 | 3 | 22.35 | 21.15 | 0.130 |
| | | | | | 6 | 0 | 22.34 | 21.14 | 0.130 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-------|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1711.5 | 19965 | 3 | 1 | 0 | 23.98 | 22.78 | 0.190 |
| | | | | 1 | 8 | 23.90 | 22.70 | 0.186 |
| | | | | 1 | 14 | 23.85 | 22.65 | 0.184 |
| | | | | 8 | 0 | 23.01 | 21.81 | 0.152 |
| | | | | 8 | 4 | 22.93 | 21.73 | 0.149 |
| | | | | 8 | 7 | 22.93 | 21.73 | 0.149 |
| | 15 | 0 | | 22.97 | 21.77 | 0.150 | | |
| | 1732.5 | 20175 | | 1 | 0 | 23.86 | 22.66 | 0.185 |
| | | | | 1 | 8 | 23.89 | 22.69 | 0.186 |
| | | | | 1 | 14 | 23.88 | 22.68 | 0.185 |
| | | | | 8 | 0 | 22.91 | 21.71 | 0.148 |
| | | | | 8 | 4 | 22.94 | 21.74 | 0.149 |
| | | | | 8 | 7 | 22.94 | 21.74 | 0.149 |
| | 15 | 0 | | 22.88 | 21.68 | 0.147 | | |
| | 1753.5 | 20385 | | 1 | 0 | 24.36 | 23.16 | 0.207 |
| | | | | 1 | 8 | 24.40 | 23.20 | 0.209 |
| | | | | 1 | 14 | 24.42 | 23.22 | 0.210 |
| | | | | 8 | 0 | 23.18 | 21.98 | 0.158 |
| 8 | | | 4 | 23.20 | 22.00 | 0.158 | | |
| 8 | | | 7 | 23.20 | 22.00 | 0.158 | | |
| 15 | 0 | 23.24 | 22.04 | 0.160 | | | | |
| 16QAM | 1711.5 | 19965 | 1 | 0 | 23.45 | 22.25 | 0.168 | |
| | | | 1 | 8 | 23.40 | 22.20 | 0.166 | |
| | | | 1 | 14 | 23.39 | 22.19 | 0.166 | |
| | | | 8 | 0 | 22.31 | 21.11 | 0.129 | |
| | | | 8 | 4 | 22.35 | 21.15 | 0.130 | |
| | | | 8 | 7 | 22.35 | 21.15 | 0.130 | |
| | 15 | 0 | 22.07 | 20.87 | 0.122 | | | |
| | 1732.5 | 20175 | 1 | 0 | 23.81 | 22.61 | 0.182 | |
| | | | 1 | 8 | 23.68 | 22.48 | 0.177 | |
| | | | 1 | 14 | 23.79 | 22.59 | 0.182 | |
| | | | 8 | 0 | 22.08 | 20.88 | 0.122 | |
| | | | 8 | 4 | 22.20 | 21.00 | 0.126 | |
| | | | 8 | 7 | 22.20 | 21.00 | 0.126 | |
| | 15 | 0 | 21.95 | 20.75 | 0.119 | | | |
| | 1753.5 | 20385 | 1 | 0 | 23.36 | 22.16 | 0.164 | |
| | | | 1 | 8 | 23.36 | 22.16 | 0.164 | |
| | | | 1 | 14 | 23.36 | 22.16 | 0.164 | |
| | | | 8 | 0 | 22.47 | 21.27 | 0.134 | |
| 8 | | | 4 | 22.51 | 21.31 | 0.135 | | |
| 8 | | | 7 | 22.51 | 21.31 | 0.135 | | |
| 15 | 0 | 22.36 | 21.16 | 0.131 | | | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM | 1711.5 | 19965 | 3 | 1 | 0 | 22.07 | 20.87 | 0.122 |
| | | | | 1 | 8 | 22.07 | 20.87 | 0.122 |
| | | | | 1 | 14 | 22.07 | 20.87 | 0.122 |
| | | | | 8 | 0 | 22.06 | 20.86 | 0.122 |
| | | | | 8 | 4 | 22.06 | 20.86 | 0.122 |
| | | | | 8 | 7 | 22.05 | 20.85 | 0.122 |
| | | | | 15 | 0 | 22.06 | 20.86 | 0.122 |
| | 1732.5 | 20175 | | 1 | 0 | 22.08 | 20.88 | 0.122 |
| | | | | 1 | 8 | 22.08 | 20.88 | 0.122 |
| | | | | 1 | 14 | 22.08 | 20.88 | 0.122 |
| | | | | 8 | 0 | 22.08 | 20.88 | 0.122 |
| | | | | 8 | 4 | 22.08 | 20.88 | 0.122 |
| | | | | 8 | 7 | 22.08 | 20.88 | 0.122 |
| | | | | 15 | 0 | 22.08 | 20.88 | 0.122 |
| | 1753.5 | 20385 | | 1 | 0 | 22.35 | 21.15 | 0.130 |
| | | | | 1 | 8 | 22.36 | 21.16 | 0.131 |
| | | | | 1 | 14 | 22.36 | 21.16 | 0.131 |
| | | | | 8 | 0 | 22.32 | 21.12 | 0.129 |
| | | | | 8 | 4 | 22.27 | 21.07 | 0.128 |
| | | | | 8 | 7 | 22.27 | 21.07 | 0.128 |
| | | | | 15 | 0 | 22.28 | 21.08 | 0.128 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1712.5 | 19975 | 5 | 1 | 0 | 24.05 | 22.85 | 0.193 |
| | | | | 1 | 12 | 23.94 | 22.74 | 0.188 |
| | | | | 1 | 24 | 24.03 | 22.83 | 0.192 |
| | | | | 12 | 0 | 23.05 | 21.85 | 0.153 |
| | | | | 12 | 7 | 22.96 | 21.76 | 0.150 |
| | | | | 12 | 13 | 22.95 | 21.75 | 0.150 |
| | | | | 25 | 0 | 23.00 | 21.80 | 0.151 |
| | 1732.5 | 20175 | | 1 | 0 | 23.98 | 22.78 | 0.190 |
| | | | | 1 | 12 | 24.05 | 22.85 | 0.193 |
| | | | | 1 | 24 | 24.05 | 22.85 | 0.193 |
| | | | | 12 | 0 | 22.97 | 21.77 | 0.150 |
| | | | | 12 | 7 | 22.96 | 21.76 | 0.150 |
| | | | | 12 | 13 | 22.96 | 21.76 | 0.150 |
| | | | | 25 | 0 | 23.01 | 21.81 | 0.152 |
| | 1752.5 | 20375 | | 1 | 0 | 23.96 | 22.76 | 0.189 |
| | | | | 1 | 12 | 24.04 | 22.84 | 0.192 |
| | | | | 1 | 24 | 24.07 | 22.87 | 0.194 |
| | | | | 12 | 0 | 23.13 | 21.93 | 0.156 |
| | | | | 12 | 7 | 23.09 | 21.89 | 0.155 |
| | | | | 12 | 13 | 23.09 | 21.89 | 0.155 |
| | | | | 25 | 0 | 23.17 | 21.97 | 0.157 |
| 16QAM | 1712.5 | 19975 | 1 | 0 | 22.34 | 21.14 | 0.130 | |
| | | | 1 | 12 | 22.27 | 21.07 | 0.128 | |
| | | | 1 | 24 | 22.27 | 21.07 | 0.128 | |
| | | | 12 | 0 | 22.05 | 20.85 | 0.122 | |
| | | | 12 | 7 | 22.07 | 20.87 | 0.122 | |
| | | | 12 | 13 | 22.12 | 20.92 | 0.124 | |
| | | | 25 | 0 | 22.24 | 21.04 | 0.127 | |
| | 1732.5 | 20175 | 1 | 0 | 23.05 | 21.85 | 0.153 | |
| | | | 1 | 12 | 23.13 | 21.93 | 0.156 | |
| | | | 1 | 24 | 22.98 | 21.78 | 0.151 | |
| | | | 12 | 0 | 22.03 | 20.83 | 0.121 | |
| | | | 12 | 7 | 22.05 | 20.85 | 0.122 | |
| | | | 12 | 13 | 22.05 | 20.85 | 0.122 | |
| | | | 25 | 0 | 22.02 | 20.82 | 0.121 | |
| | 1752.5 | 20375 | 1 | 0 | 22.71 | 21.51 | 0.142 | |
| | | | 1 | 12 | 22.78 | 21.58 | 0.144 | |
| | | | 1 | 24 | 22.74 | 21.54 | 0.143 | |
| | | | 12 | 0 | 22.03 | 20.83 | 0.121 | |
| | | | 12 | 7 | 22.10 | 20.90 | 0.123 | |
| | | | 12 | 13 | 22.10 | 20.90 | 0.123 | |
| | | | 25 | 0 | 22.12 | 20.92 | 0.124 | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM | 1712.5 | 19975 | 5 | 1 | 0 | 22.18 | 20.98 | 0.125 |
| | | | | 1 | 12 | 22.24 | 21.04 | 0.127 |
| | | | | 1 | 24 | 22.24 | 21.04 | 0.127 |
| | | | | 12 | 0 | 22.19 | 20.99 | 0.126 |
| | | | | 12 | 7 | 22.24 | 21.04 | 0.127 |
| | | | | 12 | 13 | 22.24 | 21.04 | 0.127 |
| | | | | 25 | 0 | 22.21 | 21.01 | 0.126 |
| | 1732.5 | 20175 | | 1 | 0 | 22.02 | 20.82 | 0.121 |
| | | | | 1 | 12 | 22.02 | 20.82 | 0.121 |
| | | | | 1 | 24 | 22.03 | 20.83 | 0.121 |
| | | | | 12 | 0 | 22.02 | 20.82 | 0.121 |
| | | | | 12 | 7 | 21.99 | 20.79 | 0.120 |
| | | | | 12 | 13 | 21.92 | 20.72 | 0.118 |
| | | | | 25 | 0 | 22.00 | 20.80 | 0.120 |
| | 1752.5 | 20375 | | 1 | 0 | 22.12 | 20.92 | 0.124 |
| | | | | 1 | 12 | 22.13 | 20.93 | 0.124 |
| | | | | 1 | 24 | 22.13 | 20.93 | 0.124 |
| | | | | 12 | 0 | 22.13 | 20.93 | 0.124 |
| | | | | 12 | 7 | 22.13 | 20.93 | 0.124 |
| | | | | 12 | 13 | 22.14 | 20.94 | 0.124 |
| | | | | 25 | 0 | 22.38 | 21.18 | 0.131 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-------|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1715 | 20000 | 10 | 1 | 0 | 24.02 | 22.82 | 0.191 |
| | | | | 1 | 25 | 23.86 | 22.66 | 0.185 |
| | | | | 1 | 49 | 23.84 | 22.64 | 0.184 |
| | | | | 25 | 0 | 22.95 | 21.75 | 0.150 |
| | | | | 25 | 12 | 22.87 | 21.67 | 0.147 |
| | | | | 25 | 25 | 22.86 | 21.66 | 0.147 |
| | 50 | 0 | | 23.07 | 21.87 | 0.154 | | |
| | 1732.5 | 20175 | | 1 | 0 | 23.90 | 22.70 | 0.186 |
| | | | | 1 | 25 | 24.02 | 22.82 | 0.191 |
| | | | | 1 | 49 | 24.02 | 22.82 | 0.191 |
| | | | | 25 | 0 | 22.89 | 21.69 | 0.148 |
| | | | | 25 | 12 | 22.86 | 21.66 | 0.147 |
| | | | | 25 | 25 | 22.86 | 21.66 | 0.147 |
| | 50 | 0 | | 22.91 | 21.71 | 0.148 | | |
| | 1750 | 20350 | | 1 | 0 | 24.26 | 23.06 | 0.202 |
| | | | | 1 | 25 | 24.35 | 23.15 | 0.207 |
| | | | | 1 | 49 | 24.33 | 23.13 | 0.206 |
| | | | | 25 | 0 | 23.12 | 21.92 | 0.156 |
| 25 | | | 12 | 23.09 | 21.89 | 0.155 | | |
| 25 | | | 25 | 23.09 | 21.89 | 0.155 | | |
| 50 | 0 | 23.11 | 21.91 | 0.155 | | | | |
| 16QAM | 1715 | 20000 | 1 | 0 | 23.22 | 22.02 | 0.159 | |
| | | | 1 | 25 | 23.17 | 21.97 | 0.157 | |
| | | | 1 | 49 | 23.16 | 21.96 | 0.157 | |
| | | | 25 | 0 | 22.11 | 20.91 | 0.123 | |
| | | | 25 | 12 | 22.07 | 20.87 | 0.122 | |
| | | | 25 | 25 | 22.07 | 20.87 | 0.122 | |
| | 50 | 0 | 22.15 | 20.95 | 0.124 | | | |
| | 1732.5 | 20175 | 1 | 0 | 23.02 | 21.82 | 0.152 | |
| | | | 1 | 25 | 23.08 | 21.88 | 0.154 | |
| | | | 1 | 49 | 23.05 | 21.85 | 0.153 | |
| | | | 25 | 0 | 22.17 | 20.97 | 0.125 | |
| | | | 25 | 12 | 22.17 | 20.97 | 0.125 | |
| | | | 25 | 25 | 22.15 | 20.95 | 0.124 | |
| | 50 | 0 | 22.07 | 20.87 | 0.122 | | | |
| | 1750 | 20350 | 1 | 0 | 23.06 | 21.86 | 0.153 | |
| | | | 1 | 25 | 23.00 | 21.80 | 0.151 | |
| | | | 1 | 49 | 23.03 | 21.83 | 0.152 | |
| | | | 25 | 0 | 22.43 | 21.23 | 0.133 | |
| 25 | | | 12 | 22.41 | 21.21 | 0.132 | | |
| 25 | | | 25 | 22.41 | 21.21 | 0.132 | | |
| 50 | 0 | 22.36 | 21.16 | 0.131 | | | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM | 1715 | 20000 | 10 | 1 | 0 | 22.16 | 20.96 | 0.125 |
| | | | | 1 | 25 | 22.15 | 20.95 | 0.124 |
| | | | | 1 | 49 | 22.16 | 20.96 | 0.125 |
| | | | | 25 | 0 | 22.15 | 20.95 | 0.124 |
| | | | | 25 | 12 | 22.15 | 20.95 | 0.124 |
| | | | | 25 | 25 | 22.15 | 20.95 | 0.124 |
| | | | | 50 | 0 | 22.15 | 20.95 | 0.124 |
| | 1732.5 | 20175 | | 1 | 0 | 22.07 | 20.87 | 0.122 |
| | | | | 1 | 25 | 22.07 | 20.87 | 0.122 |
| | | | | 1 | 49 | 22.07 | 20.87 | 0.122 |
| | | | | 25 | 0 | 22.07 | 20.87 | 0.122 |
| | | | | 25 | 12 | 22.07 | 20.87 | 0.122 |
| | | | | 25 | 25 | 22.07 | 20.87 | 0.122 |
| | | | | 50 | 0 | 22.07 | 20.87 | 0.122 |
| | 1750 | 20350 | | 1 | 0 | 22.36 | 21.16 | 0.131 |
| | | | | 1 | 25 | 22.36 | 21.16 | 0.131 |
| | | | | 1 | 49 | 22.36 | 21.16 | 0.131 |
| | | | | 25 | 0 | 22.47 | 21.27 | 0.134 |
| | | | | 25 | 12 | 22.19 | 20.99 | 0.126 |
| | | | | 25 | 25 | 22.33 | 21.13 | 0.130 |
| | | | | 50 | 0 | 22.37 | 21.17 | 0.131 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1717.5 | 20025 | 15 | 1 | 0 | 23.97 | 22.77 | 0.189 |
| | | | | 1 | 37 | 23.75 | 22.55 | 0.180 |
| | | | | 1 | 74 | 23.82 | 22.62 | 0.183 |
| | | | | 36 | 0 | 23.07 | 21.87 | 0.154 |
| | | | | 36 | 29 | 22.93 | 21.73 | 0.149 |
| | | | | 36 | 30 | 22.93 | 21.73 | 0.149 |
| | | | | 75 | 0 | 22.93 | 21.73 | 0.149 |
| | 1732.5 | 20175 | | 1 | 0 | 24.03 | 22.83 | 0.192 |
| | | | | 1 | 37 | 23.98 | 22.78 | 0.190 |
| | | | | 1 | 74 | 23.99 | 22.79 | 0.190 |
| | | | | 36 | 0 | 22.97 | 21.77 | 0.150 |
| | | | | 36 | 29 | 22.93 | 21.73 | 0.149 |
| | | | | 36 | 30 | 22.93 | 21.73 | 0.149 |
| | | | | 75 | 0 | 22.95 | 21.75 | 0.150 |
| | 1747.5 | 20325 | | 1 | 0 | 24.09 | 22.89 | 0.195 |
| | | | | 1 | 37 | 24.19 | 22.99 | 0.199 |
| | | | | 1 | 74 | 24.23 | 23.03 | 0.201 |
| | | | | 36 | 0 | 23.13 | 21.93 | 0.156 |
| | | | | 36 | 29 | 23.06 | 21.86 | 0.153 |
| | | | | 36 | 30 | 23.06 | 21.86 | 0.153 |
| | | | | 75 | 0 | 23.20 | 22.00 | 0.158 |
| 16QAM | 1717.5 | 20025 | 1 | 0 | 23.47 | 22.27 | 0.169 | |
| | | | 1 | 37 | 23.29 | 22.09 | 0.162 | |
| | | | 1 | 74 | 23.33 | 22.13 | 0.163 | |
| | | | 36 | 0 | 21.99 | 20.79 | 0.120 | |
| | | | 36 | 29 | 21.95 | 20.75 | 0.119 | |
| | | | 36 | 30 | 21.95 | 20.75 | 0.119 | |
| | | | 75 | 0 | 22.07 | 20.87 | 0.122 | |
| | 1732.5 | 20175 | 1 | 0 | 23.07 | 21.87 | 0.154 | |
| | | | 1 | 37 | 23.12 | 21.92 | 0.156 | |
| | | | 1 | 74 | 23.12 | 21.92 | 0.156 | |
| | | | 36 | 0 | 22.13 | 20.93 | 0.124 | |
| | | | 36 | 29 | 22.12 | 20.92 | 0.124 | |
| | | | 36 | 30 | 22.12 | 20.92 | 0.124 | |
| | | | 75 | 0 | 22.03 | 20.83 | 0.121 | |
| | 1747.5 | 20325 | 1 | 0 | 23.48 | 22.28 | 0.169 | |
| | | | 1 | 37 | 23.56 | 22.36 | 0.172 | |
| | | | 1 | 74 | 23.55 | 22.35 | 0.172 | |
| | | | 36 | 0 | 22.19 | 20.99 | 0.126 | |
| | | | 36 | 29 | 22.25 | 21.05 | 0.127 | |
| | | | 36 | 30 | 22.26 | 21.06 | 0.128 | |
| | | | 75 | 0 | 22.14 | 20.94 | 0.124 | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM | 1717.5 | 20025 | 15 | 1 | 0 | 21.92 | 20.72 | 0.118 |
| | | | | 1 | 37 | 22.12 | 20.92 | 0.124 |
| | | | | 1 | 74 | 22.12 | 20.92 | 0.124 |
| | | | | 36 | 0 | 22.13 | 20.93 | 0.124 |
| | | | | 36 | 29 | 22.12 | 20.92 | 0.124 |
| | | | | 36 | 30 | 22.12 | 20.92 | 0.124 |
| | | | | 75 | 0 | 22.12 | 20.92 | 0.124 |
| | 1732.5 | 20175 | | 1 | 0 | 22.02 | 20.82 | 0.121 |
| | | | | 1 | 37 | 22.02 | 20.82 | 0.121 |
| | | | | 1 | 74 | 22.02 | 20.82 | 0.121 |
| | | | | 36 | 0 | 22.03 | 20.83 | 0.121 |
| | | | | 36 | 29 | 22.02 | 20.82 | 0.121 |
| | | | | 36 | 30 | 22.02 | 20.82 | 0.121 |
| | | | | 75 | 0 | 22.02 | 20.82 | 0.121 |
| | 1747.5 | 20325 | | 1 | 0 | 22.14 | 20.94 | 0.124 |
| | | | | 1 | 37 | 22.14 | 20.94 | 0.124 |
| | | | | 1 | 74 | 22.15 | 20.95 | 0.124 |
| | | | | 36 | 0 | 22.19 | 20.99 | 0.126 |
| | | | | 36 | 29 | 22.31 | 21.11 | 0.129 |
| | | | | 36 | 30 | 22.15 | 20.95 | 0.124 |
| | | | | 75 | 0 | 22.27 | 21.07 | 0.128 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-------|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 1720 | 20050 | 20 | 1 | 0 | 24.11 | 22.91 | 0.195 |
| | | | | 1 | 49 | 24.22 | 23.02 | 0.200 |
| | | | | 1 | 99 | 24.20 | 23.00 | 0.200 |
| | | | | 50 | 0 | 22.95 | 21.75 | 0.150 |
| | | | | 50 | 24 | 23.01 | 21.81 | 0.152 |
| | | | | 50 | 50 | 23.05 | 21.85 | 0.153 |
| | 100 | 0 | | 23.03 | 21.83 | 0.152 | | |
| | 1 | 0 | | 24.07 | 22.87 | 0.194 | | |
| | 1 | 49 | | 24.15 | 22.95 | 0.197 | | |
| | 1 | 99 | | 24.15 | 22.95 | 0.197 | | |
| | 50 | 0 | | 22.91 | 21.71 | 0.148 | | |
| | 50 | 24 | | 22.99 | 21.79 | 0.151 | | |
| | 50 | 50 | | 23.00 | 21.80 | 0.151 | | |
| | 100 | 0 | | 23.02 | 21.82 | 0.152 | | |
| | 1 | 0 | | 24.03 | 22.83 | 0.192 | | |
| | 1 | 49 | | 24.55 | 23.35 | 0.216 | | |
| | 1 | 99 | | 24.54 | 23.34 | 0.216 | | |
| | 50 | 0 | | 23.04 | 21.84 | 0.153 | | |
| 50 | 24 | 23.18 | 21.98 | 0.158 | | | | |
| 50 | 50 | 23.18 | 21.98 | 0.158 | | | | |
| 100 | 0 | 23.09 | 21.89 | 0.155 | | | | |
| 16QAM | 1720 | 20050 | 20 | 1 | 0 | 23.70 | 22.50 | 0.178 |
| | | | | 1 | 49 | 23.60 | 22.40 | 0.174 |
| | | | | 1 | 99 | 23.55 | 22.35 | 0.172 |
| | | | | 50 | 0 | 22.00 | 20.80 | 0.120 |
| | | | | 50 | 24 | 22.00 | 20.80 | 0.120 |
| | | | | 50 | 50 | 21.99 | 20.79 | 0.120 |
| | 100 | 0 | | 22.18 | 20.98 | 0.125 | | |
| | 1 | 0 | | 22.84 | 21.64 | 0.146 | | |
| | 1 | 49 | | 22.97 | 21.77 | 0.150 | | |
| | 1 | 99 | | 22.98 | 21.78 | 0.151 | | |
| | 50 | 0 | | 22.00 | 20.80 | 0.120 | | |
| | 50 | 24 | | 22.14 | 20.94 | 0.124 | | |
| | 50 | 50 | | 22.15 | 20.95 | 0.124 | | |
| | 100 | 0 | | 22.08 | 20.88 | 0.122 | | |
| | 1 | 0 | | 23.67 | 22.47 | 0.177 | | |
| | 1 | 49 | | 23.86 | 22.66 | 0.185 | | |
| | 1 | 99 | | 23.87 | 22.67 | 0.185 | | |
| | 50 | 0 | | 22.14 | 20.94 | 0.124 | | |
| 50 | 24 | 22.40 | 21.20 | 0.132 | | | | |
| 50 | 50 | 22.32 | 21.12 | 0.129 | | | | |
| 100 | 0 | 22.06 | 20.86 | 0.122 | | | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM | 1720 | 20050 | 20 | 1 | 0 | 22.18 | 20.98 | 0.125 |
| | | | | 1 | 49 | 22.16 | 20.96 | 0.125 |
| | | | | 1 | 99 | 22.16 | 20.96 | 0.125 |
| | | | | 50 | 0 | 22.15 | 20.95 | 0.124 |
| | | | | 50 | 24 | 22.15 | 20.95 | 0.124 |
| | | | | 50 | 50 | 22.15 | 20.95 | 0.124 |
| | | | | 100 | 0 | 22.02 | 20.82 | 0.121 |
| | 1732.5 | 20175 | | 1 | 0 | 22.07 | 20.87 | 0.122 |
| | | | | 1 | 49 | 22.07 | 20.87 | 0.122 |
| | | | | 1 | 99 | 22.06 | 20.86 | 0.122 |
| | | | | 50 | 0 | 22.06 | 20.86 | 0.122 |
| | | | | 50 | 24 | 22.06 | 20.86 | 0.122 |
| | | | | 50 | 50 | 22.07 | 20.87 | 0.122 |
| | | | | 100 | 0 | 22.07 | 20.87 | 0.122 |
| | 1745 | 20300 | | 1 | 0 | 22.09 | 20.89 | 0.123 |
| | | | | 1 | 49 | 22.24 | 21.04 | 0.127 |
| | | | | 1 | 99 | 22.07 | 20.87 | 0.122 |
| | | | | 50 | 0 | 22.07 | 20.87 | 0.122 |
| | | | | 50 | 24 | 22.08 | 20.88 | 0.122 |
| | | | | 50 | 50 | 22.09 | 20.89 | 0.123 |
| | | | | 100 | 0 | 22.09 | 20.89 | 0.123 |