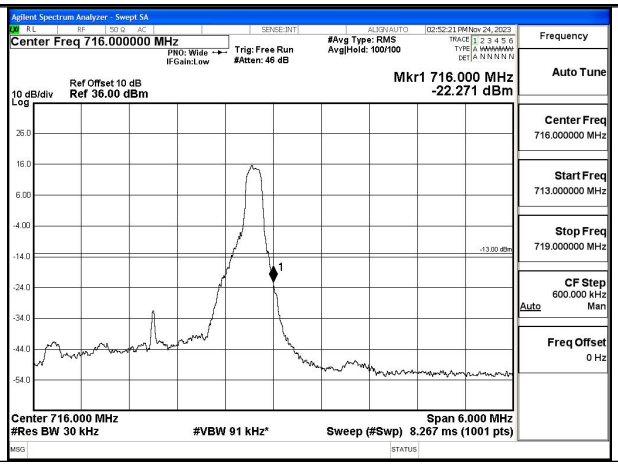


Fig.7

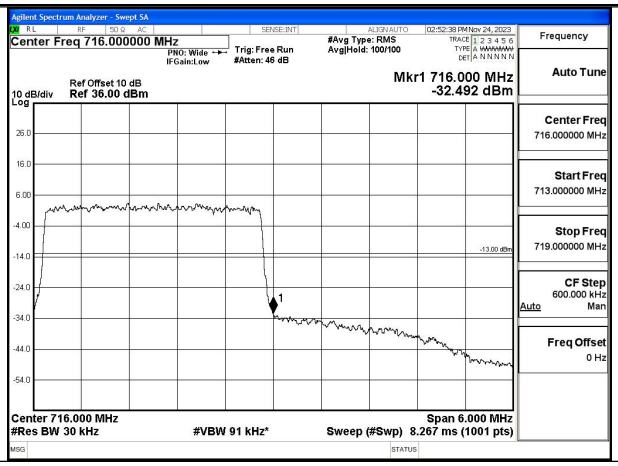


Fig.8

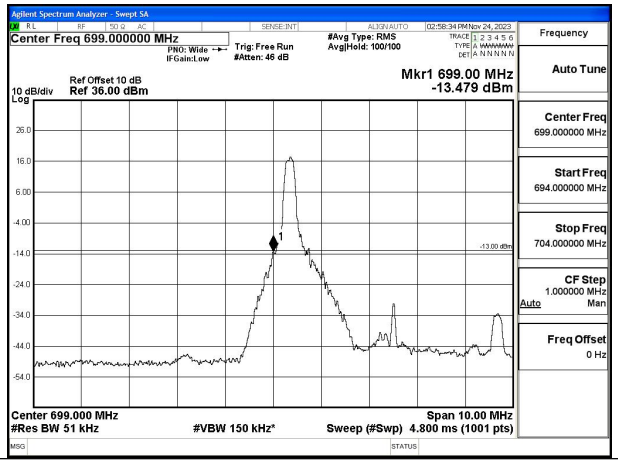


Fig.9

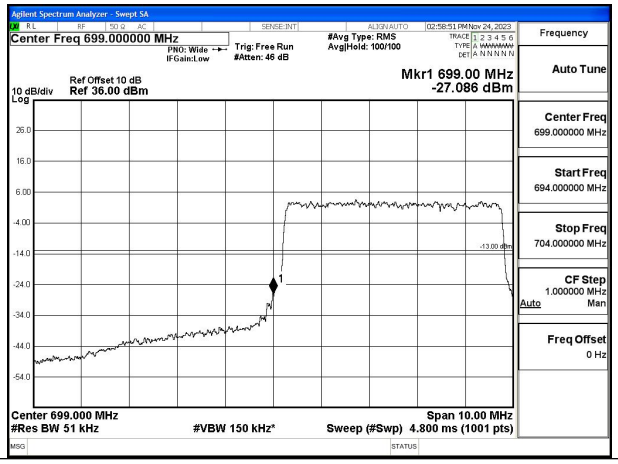


Fig.10

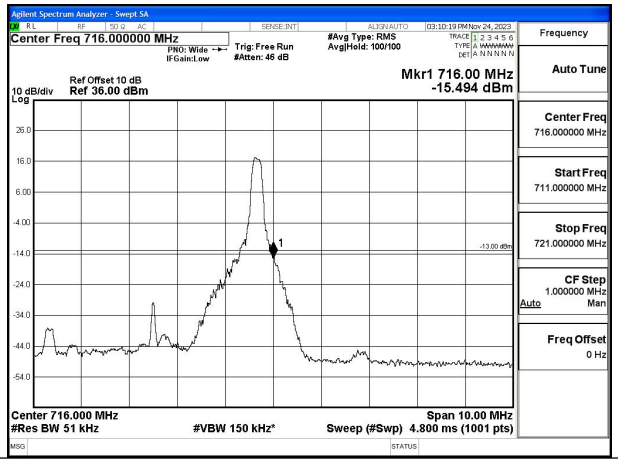


Fig.11

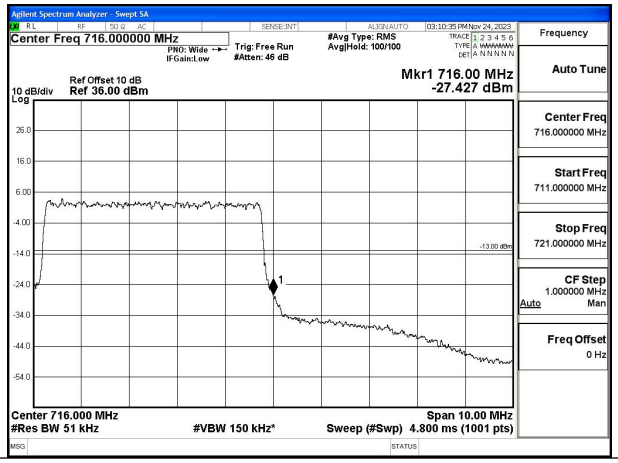


Fig.12

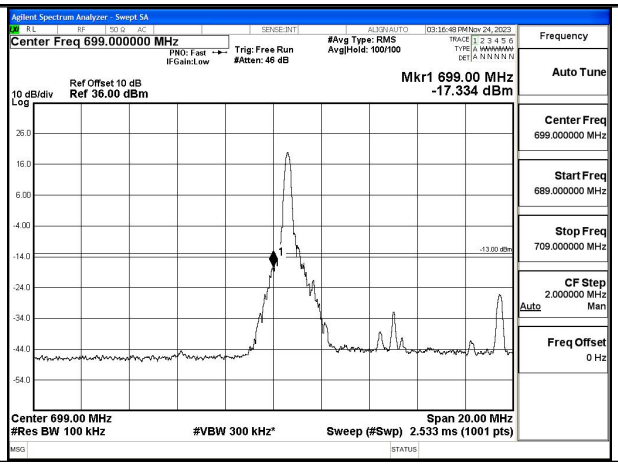


Fig.13

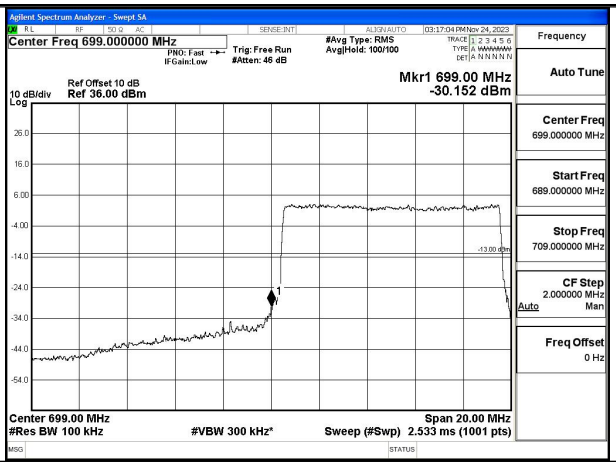


Fig.14

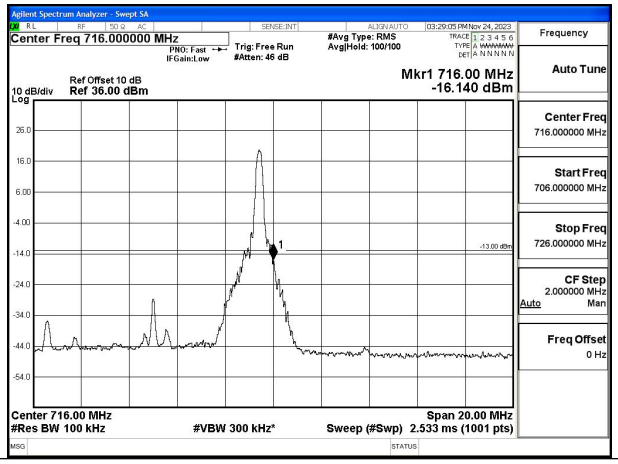


Fig.15

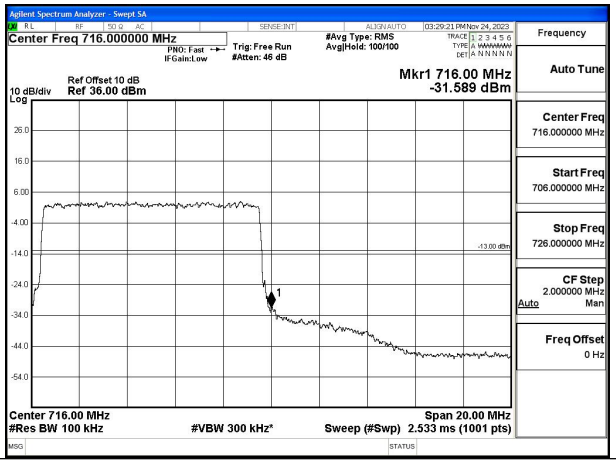


Fig.16

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 12 Low Channel QPSK | | | |
|---|---|---|---|---|---|
| | | 1.4M | 3M | 5M | 10M |
| 0 | NV | -0.017 | -0.012 | -0.018 | -0.016 |
| +10 | NV | -0.007 | -0.012 | -0.012 | -0.014 |
| +20 | NV | -0.012 | -0.012 | -0.013 | -0.019 |
| +30 | NV | -0.013 | -0.016 | -0.006 | -0.012 |
| +45 | NV | -0.009 | -0.010 | -0.017 | -0.016 |
| +20 | LV | -0.015 | -0.011 | -0.002 | -0.011 |
| +20 | HV | -0.012 | -0.012 | -0.013 | -0.006 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 12 High Channel QPSK | | | |
|---|---|---|---|---|---|
| | | 1.4M | 3M | 5M | 10M |
| 0 | NV | -0.015 | -0.013 | -0.019 | -0.008 |
| +10 | NV | -0.013 | -0.014 | -0.016 | -0.012 |
| +20 | NV | -0.003 | -0.015 | -0.015 | -0.004 |
| +30 | NV | -0.011 | -0.014 | -0.013 | -0.005 |
| +45 | NV | -0.009 | -0.010 | -0.012 | -0.017 |
| +20 | LV | -0.010 | -0.004 | -0.012 | -0.016 |
| +20 | HV | 0.001 | -0.016 | -0.005 | -0.006 |

## 8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|---|---|---|---|---|---|---|---|---|
| QPSK | 699.7 | 23017 | 1.4 | 1 | 0 | 23.02 | 16.49 | 0.045 |
| QPSK | 699.7 | 23017 | 1.4 | 1 | 3 | 23.00 | 16.47 | 0.044 |
| QPSK | 699.7 | 23017 | 1.4 | 1 | 5 | 23.08 | 16.55 | 0.045 |
| QPSK | 699.7 | 23017 | 1.4 | 3 | 0 | 23.07 | 16.54 | 0.045 |
| QPSK | 699.7 | 23017 | 1.4 | 3 | 1 | 23.13 | 16.60 | 0.046 |
| QPSK | 699.7 | 23017 | 1.4 | 3 | 3 | 23.01 | 16.48 | 0.044 |
| QPSK | 699.7 | 23017 | 1.4 | 6 | 0 | 22.13 | 15.60 | 0.036 |
| QPSK | 707.5 | 23095 | 1.4 | 1 | 0 | 22.48 | 15.95 | 0.039 |
| QPSK | 707.5 | 23095 | 1.4 | 1 | 3 | 22.65 | 16.12 | 0.041 |
| QPSK | 707.5 | 23095 | 1.4 | 1 | 5 | 22.49 | 15.96 | 0.039 |
| QPSK | 707.5 | 23095 | 1.4 | 3 | 0 | 22.73 | 16.20 | 0.042 |
| QPSK | 707.5 | 23095 | 1.4 | 3 | 1 | 22.67 | 16.14 | 0.041 |
| QPSK | 707.5 | 23095 | 1.4 | 3 | 3 | 22.54 | 16.01 | 0.040 |
| QPSK | 707.5 | 23095 | 1.4 | 6 | 0 | 21.60 | 15.07 | 0.032 |
| QPSK | 715.3 | 23173 | 1.4 | 1 | 0 | 22.58 | 16.05 | 0.040 |
| QPSK | 715.3 | 23173 | 1.4 | 1 | 3 | 22.85 | 16.32 | 0.043 |
| QPSK | 715.3 | 23173 | 1.4 | 1 | 5 | 22.53 | 16.00 | 0.040 |
| QPSK | 715.3 | 23173 | 1.4 | 3 | 0 | 22.56 | 16.03 | 0.040 |
| QPSK | 715.3 | 23173 | 1.4 | 3 | 1 | 22.64 | 16.11 | 0.041 |
| QPSK | 715.3 | 23173 | 1.4 | 3 | 3 | 22.64 | 16.11 | 0.041 |
| QPSK | 715.3 | 23173 | 1.4 | 6 | 0 | 21.63 | 15.10 | 0.032 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|---|---|---|---|---|---|---|---|---|
| 16QAM | 699.7 | 23017 | 1.4 | 1 | 0 | 22.12 | 15.59 | 0.036 |
| 16QAM | 699.7 | 23017 | 1.4 | 1 | 3 | 22.33 | 15.80 | 0.038 |
| 16QAM | 699.7 | 23017 | 1.4 | 1 | 5 | 22.16 | 15.63 | 0.037 |
| 16QAM | 699.7 | 23017 | 1.4 | 3 | 0 | 21.93 | 15.40 | 0.035 |
| 16QAM | 699.7 | 23017 | 1.4 | 3 | 1 | 21.96 | 15.43 | 0.035 |
| 16QAM | 699.7 | 23017 | 1.4 | 3 | 3 | 21.84 | 15.31 | 0.034 |
| 16QAM | 699.7 | 23017 | 1.4 | 6 | 0 | 21.16 | 14.63 | 0.029 |
| 16QAM | 707.5 | 23095 | 1.4 | 1 | 0 | 21.40 | 14.87 | 0.031 |
| 16QAM | 707.5 | 23095 | 1.4 | 1 | 3 | 21.63 | 15.10 | 0.032 |
| 16QAM | 707.5 | 23095 | 1.4 | 1 | 5 | 21.45 | 14.92 | 0.031 |
| 16QAM | 707.5 | 23095 | 1.4 | 3 | 0 | 21.52 | 14.99 | 0.032 |
| 16QAM | 707.5 | 23095 | 1.4 | 3 | 1 | 21.58 | 15.05 | 0.032 |
| 16QAM | 707.5 | 23095 | 1.4 | 3 | 3 | 21.53 | 15.00 | 0.032 |
| 16QAM | 707.5 | 23095 | 1.4 | 6 | 0 | 20.75 | 14.22 | 0.026 |
| 16QAM | 715.3 | 23173 | 1.4 | 1 | 0 | 21.68 | 15.15 | 0.033 |
| 16QAM | 715.3 | 23173 | 1.4 | 1 | 3 | 21.83 | 15.30 | 0.034 |
| 16QAM | 715.3 | 23173 | 1.4 | 1 | 5 | 21.68 | 15.15 | 0.033 |
| 16QAM | 715.3 | 23173 | 1.4 | 3 | 0 | 21.59 | 15.06 | 0.032 |
| 16QAM | 715.3 | 23173 | 1.4 | 3 | 1 | 21.66 | 15.13 | 0.033 |
| 16QAM | 715.3 | 23173 | 1.4 | 3 | 3 | 21.44 | 14.91 | 0.031 |
| 16QAM | 715.3 | 23173 | 1.4 | 6 | 0 | 20.66 | 14.13 | 0.026 |
| 64QAM | 699.7 | 23017 | 1.4 | 1 | 0 | 21.14 | 14.61 | 0.029 |
| 64QAM | 699.7 | 23017 | 1.4 | 1 | 3 | 21.26 | 14.73 | 0.030 |
| 64QAM | 699.7 | 23017 | 1.4 | 1 | 5 | 21.24 | 14.71 | 0.030 |
| 64QAM | 699.7 | 23017 | 1.4 | 3 | 0 | 20.99 | 14.46 | 0.028 |
| 64QAM | 699.7 | 23017 | 1.4 | 3 | 1 | 21.06 | 14.53 | 0.028 |
| 64QAM | 699.7 | 23017 | 1.4 | 3 | 3 | 21.10 | 14.57 | 0.029 |
| 64QAM | 699.7 | 23017 | 1.4 | 6 | 0 | 20.07 | 13.54 | 0.023 |
| 64QAM | 707.5 | 23095 | 1.4 | 1 | 0 | 20.82 | 14.29 | 0.027 |
| 64QAM | 707.5 | 23095 | 1.4 | 1 | 3 | 21.13 | 14.60 | 0.029 |
| 64QAM | 707.5 | 23095 | 1.4 | 1 | 5 | 20.82 | 14.29 | 0.027 |
| 64QAM | 707.5 | 23095 | 1.4 | 3 | 0 | 20.88 | 14.35 | 0.027 |
| 64QAM | 707.5 | 23095 | 1.4 | 3 | 1 | 20.94 | 14.41 | 0.028 |
| 64QAM | 707.5 | 23095 | 1.4 | 3 | 3 | 20.91 | 14.38 | 0.027 |
| 64QAM | 707.5 | 23095 | 1.4 | 6 | 0 | 19.51 | 12.98 | 0.020 |
| 64QAM | 715.3 | 23173 | 1.4 | 1 | 0 | 20.69 | 14.16 | 0.026 |
| 64QAM | 715.3 | 23173 | 1.4 | 1 | 3 | 20.86 | 14.33 | 0.027 |
| 64QAM | 715.3 | 23173 | 1.4 | 1 | 5 | 20.67 | 14.14 | 0.026 |
| 64QAM | 715.3 | 23173 | 1.4 | 3 | 0 | 20.69 | 14.16 | 0.026 |
| 64QAM | 715.3 | 23173 | 1.4 | 3 | 1 | 20.69 | 14.16 | 0.026 |
| 64QAM | 715.3 | 23173 | 1.4 | 3 | 3 | 20.67 | 14.14 | 0.026 |
| 64QAM | 715.3 | 23173 | 1.4 | 6 | 0 | 19.92 | 13.39 | 0.022 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|---|---|---|---|---|---|---|---|---|
| QPSK | 700.5 | 23025 | 3 | 1 | 0 | 22.48 | 15.95 | 0.039 |
| QPSK | 700.5 | 23025 | 3 | 1 | 8 | 22.54 | 16.01 | 0.040 |
| QPSK | 700.5 | 23025 | 3 | 1 | 14 | 22.58 | 16.05 | 0.040 |
| QPSK | 700.5 | 23025 | 3 | 8 | 0 | 21.53 | 15.00 | 0.032 |
| QPSK | 700.5 | 23025 | 3 | 8 | 4 | 21.59 | 15.06 | 0.032 |
| QPSK | 700.5 | 23025 | 3 | 8 | 7 | 21.52 | 14.99 | 0.032 |
| QPSK | 700.5 | 23025 | 3 | 15 | 0 | 21.56 | 15.03 | 0.032 |
| QPSK | 707.5 | 23095 | 3 | 1 | 0 | 22.58 | 16.05 | 0.040 |
| QPSK | 707.5 | 23095 | 3 | 1 | 8 | 22.52 | 15.99 | 0.040 |
| QPSK | 707.5 | 23095 | 3 | 1 | 14 | 22.49 | 15.96 | 0.039 |
| QPSK | 707.5 | 23095 | 3 | 8 | 0 | 21.49 | 14.96 | 0.031 |
| QPSK | 707.5 | 23095 | 3 | 8 | 4 | 21.58 | 15.05 | 0.032 |
| QPSK | 707.5 | 23095 | 3 | 8 | 7 | 21.53 | 15.00 | 0.032 |
| QPSK | 707.5 | 23095 | 3 | 15 | 0 | 21.50 | 14.97 | 0.031 |
| QPSK | 714.5 | 23165 | 3 | 1 | 0 | 22.58 | 16.05 | 0.040 |
| QPSK | 714.5 | 23165 | 3 | 1 | 8 | 22.59 | 16.06 | 0.040 |
| QPSK | 714.5 | 23165 | 3 | 1 | 14 | 22.58 | 16.05 | 0.040 |
| QPSK | 714.5 | 23165 | 3 | 8 | 0 | 21.53 | 15.00 | 0.032 |
| QPSK | 714.5 | 23165 | 3 | 8 | 4 | 21.56 | 15.03 | 0.032 |
| QPSK | 714.5 | 23165 | 3 | 8 | 7 | 21.54 | 15.01 | 0.032 |
| QPSK | 714.5 | 23165 | 3 | 15 | 0 | 21.54 | 15.01 | 0.032 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|---|---|---|---|---|---|---|---|---|
| 16QAM | 700.5 | 23025 | 3 | 1 | 0 | 22.04 | 15.51 | 0.036 |
| 16QAM | 700.5 | 23025 | 3 | 1 | 8 | 22.08 | 15.55 | 0.036 |
| 16QAM | 700.5 | 23025 | 3 | 1 | 14 | 22.13 | 15.60 | 0.036 |
| 16QAM | 700.5 | 23025 | 3 | 8 | 0 | 20.68 | 14.15 | 0.026 |
| 16QAM | 700.5 | 23025 | 3 | 8 | 4 | 20.60 | 14.07 | 0.026 |
| 16QAM | 700.5 | 23025 | 3 | 8 | 7 | 20.61 | 14.08 | 0.026 |
| 16QAM | 700.5 | 23025 | 3 | 15 | 0 | 20.54 | 14.01 | 0.025 |
| 16QAM | 707.5 | 23095 | 3 | 1 | 0 | 21.75 | 15.22 | 0.033 |
| 16QAM | 707.5 | 23095 | 3 | 1 | 8 | 21.69 | 15.16 | 0.033 |
| 16QAM | 707.5 | 23095 | 3 | 1 | 14 | 21.68 | 15.15 | 0.033 |
| 16QAM | 707.5 | 23095 | 3 | 8 | 0 | 20.52 | 13.99 | 0.025 |
| 16QAM | 707.5 | 23095 | 3 | 8 | 4 | 20.49 | 13.96 | 0.025 |
| 16QAM | 707.5 | 23095 | 3 | 8 | 7 | 20.47 | 13.94 | 0.025 |
| 16QAM | 707.5 | 23095 | 3 | 15 | 0 | 20.54 | 14.01 | 0.025 |
| 16QAM | 714.5 | 23165 | 3 | 1 | 0 | 21.73 | 15.20 | 0.033 |
| 16QAM | 714.5 | 23165 | 3 | 1 | 8 | 21.72 | 15.19 | 0.033 |
| 16QAM | 714.5 | 23165 | 3 | 1 | 14 | 21.70 | 15.17 | 0.033 |
| 16QAM | 714.5 | 23165 | 3 | 8 | 0 | 20.57 | 14.04 | 0.025 |
| 16QAM | 714.5 | 23165 | 3 | 8 | 4 | 20.56 | 14.03 | 0.025 |
| 16QAM | 714.5 | 23165 | 3 | 8 | 7 | 20.57 | 14.04 | 0.025 |
| 16QAM | 714.5 | 23165 | 3 | 15 | 0 | 20.61 | 14.08 | 0.026 |
| 64QAM | 700.5 | 23025 | 3 | 1 | 0 | 20.85 | 14.32 | 0.027 |
| 64QAM | 700.5 | 23025 | 3 | 1 | 8 | 20.93 | 14.40 | 0.028 |
| 64QAM | 700.5 | 23025 | 3 | 1 | 14 | 20.88 | 14.35 | 0.027 |
| 64QAM | 700.5 | 23025 | 3 | 8 | 0 | 19.65 | 13.12 | 0.021 |
| 64QAM | 700.5 | 23025 | 3 | 8 | 4 | 19.52 | 12.99 | 0.020 |
| 64QAM | 700.5 | 23025 | 3 | 8 | 7 | 19.61 | 13.08 | 0.020 |
| 64QAM | 700.5 | 23025 | 3 | 15 | 0 | 19.53 | 13.00 | 0.020 |
| 64QAM | 707.5 | 23095 | 3 | 1 | 0 | 20.63 | 14.10 | 0.026 |
| 64QAM | 707.5 | 23095 | 3 | 1 | 8 | 20.74 | 14.21 | 0.026 |
| 64QAM | 707.5 | 23095 | 3 | 1 | 14 | 20.68 | 14.15 | 0.026 |
| 64QAM | 707.5 | 23095 | 3 | 8 | 0 | 19.59 | 13.06 | 0.020 |
| 64QAM | 707.5 | 23095 | 3 | 8 | 4 | 19.57 | 13.04 | 0.020 |
| 64QAM | 707.5 | 23095 | 3 | 8 | 7 | 19.60 | 13.07 | 0.020 |
| 64QAM | 707.5 | 23095 | 3 | 15 | 0 | 19.56 | 13.03 | 0.020 |
| 64QAM | 714.5 | 23165 | 3 | 1 | 0 | 20.77 | 14.24 | 0.027 |
| 64QAM | 714.5 | 23165 | 3 | 1 | 8 | 20.70 | 14.17 | 0.026 |
| 64QAM | 714.5 | 23165 | 3 | 1 | 14 | 20.71 | 14.18 | 0.026 |
| 64QAM | 714.5 | 23165 | 3 | 8 | 0 | 19.59 | 13.06 | 0.020 |
| 64QAM | 714.5 | 23165 | 3 | 8 | 4 | 19.52 | 12.99 | 0.020 |
| 64QAM | 714.5 | 23165 | 3 | 8 | 7 | 19.49 | 12.96 | 0.020 |
| 64QAM | 714.5 | 23165 | 3 | 15 | 0 | 19.63 | 13.10 | 0.020 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|---|---|---|---|---|---|---|---|---|
| QPSK | 701.5 | 23035 | 5 | 1 | 0 | 22.40 | 15.87 | 0.039 |
| QPSK | 701.5 | 23035 | 5 | 1 | 12 | 22.62 | 16.09 | 0.041 |
| QPSK | 701.5 | 23035 | 5 | 1 | 24 | 22.35 | 15.82 | 0.038 |
| QPSK | 701.5 | 23035 | 5 | 12 | 0 | 21.53 | 15.00 | 0.032 |
| QPSK | 701.5 | 23035 | 5 | 12 | 7 | 21.61 | 15.08 | 0.032 |
| QPSK | 701.5 | 23035 | 5 | 12 | 13 | 21.53 | 15.00 | 0.032 |
| QPSK | 701.5 | 23035 | 5 | 25 | 0 | 21.49 | 14.96 | 0.031 |
| QPSK | 707.5 | 23095 | 5 | 1 | 0 | 22.45 | 15.92 | 0.039 |
| QPSK | 707.5 | 23095 | 5 | 1 | 12 | 22.76 | 16.23 | 0.042 |
| QPSK | 707.5 | 23095 | 5 | 1 | 24 | 22.53 | 16.00 | 0.040 |
| QPSK | 707.5 | 23095 | 5 | 12 | 0 | 21.52 | 14.99 | 0.032 |
| QPSK | 707.5 | 23095 | 5 | 12 | 7 | 21.55 | 15.02 | 0.032 |
| QPSK | 707.5 | 23095 | 5 | 12 | 13 | 21.57 | 15.04 | 0.032 |
| QPSK | 707.5 | 23095 | 5 | 25 | 0 | 21.55 | 15.02 | 0.032 |
| QPSK | 713.5 | 23155 | 5 | 1 | 0 | 22.48 | 15.95 | 0.039 |
| QPSK | 713.5 | 23155 | 5 | 1 | 12 | 22.72 | 16.19 | 0.042 |
| QPSK | 713.5 | 23155 | 5 | 1 | 24 | 22.49 | 15.96 | 0.039 |
| QPSK | 713.5 | 23155 | 5 | 12 | 0 | 21.53 | 15.00 | 0.032 |
| QPSK | 713.5 | 23155 | 5 | 12 | 7 | 21.63 | 15.10 | 0.032 |
| QPSK | 713.5 | 23155 | 5 | 12 | 13 | 21.58 | 15.05 | 0.032 |
| QPSK | 713.5 | 23155 | 5 | 25 | 0 | 21.59 | 15.06 | 0.032 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|---|---|---|---|---|---|---|---|---|
| 16QAM | 701.5 | 23035 | 5 | 1 | 0 | 21.54 | 15.01 | 0.032 |
| 16QAM | 701.5 | 23035 | 5 | 1 | 12 | 21.82 | 15.29 | 0.034 |
| 16QAM | 701.5 | 23035 | 5 | 1 | 24 | 21.63 | 15.10 | 0.032 |
| 16QAM | 701.5 | 23035 | 5 | 12 | 0 | 20.49 | 13.96 | 0.025 |
| 16QAM | 701.5 | 23035 | 5 | 12 | 7 | 20.56 | 14.03 | 0.025 |
| 16QAM | 701.5 | 23035 | 5 | 12 | 13 | 20.45 | 13.92 | 0.025 |
| 16QAM | 701.5 | 23035 | 5 | 25 | 0 | 20.43 | 13.90 | 0.025 |
| 16QAM | 707.5 | 23095 | 5 | 1 | 0 | 21.81 | 15.28 | 0.034 |
| 16QAM | 707.5 | 23095 | 5 | 1 | 12 | 22.05 | 15.52 | 0.036 |
| 16QAM | 707.5 | 23095 | 5 | 1 | 24 | 21.83 | 15.30 | 0.034 |
| 16QAM | 707.5 | 23095 | 5 | 12 | 0 | 20.48 | 13.95 | 0.025 |
| 16QAM | 707.5 | 23095 | 5 | 12 | 7 | 20.53 | 14.00 | 0.025 |
| 16QAM | 707.5 | 23095 | 5 | 12 | 13 | 20.54 | 14.01 | 0.025 |
| 16QAM | 707.5 | 23095 | 5 | 25 | 0 | 20.53 | 14.00 | 0.025 |
| 16QAM | 713.5 | 23155 | 5 | 1 | 0 | 21.65 | 15.12 | 0.033 |
| 16QAM | 713.5 | 23155 | 5 | 1 | 12 | 21.89 | 15.36 | 0.034 |
| 16QAM | 713.5 | 23155 | 5 | 1 | 24 | 21.65 | 15.12 | 0.033 |
| 16QAM | 713.5 | 23155 | 5 | 12 | 0 | 20.47 | 13.94 | 0.025 |
| 16QAM | 713.5 | 23155 | 5 | 12 | 7 | 20.60 | 14.07 | 0.026 |
| 16QAM | 713.5 | 23155 | 5 | 12 | 13 | 20.48 | 13.95 | 0.025 |
| 16QAM | 713.5 | 23155 | 5 | 25 | 0 | 20.58 | 14.05 | 0.025 |
| 64QAM | 701.5 | 23035 | 5 | 1 | 0 | 20.51 | 13.98 | 0.025 |
| 64QAM | 701.5 | 23035 | 5 | 1 | 12 | 20.83 | 14.30 | 0.027 |
| 64QAM | 701.5 | 23035 | 5 | 1 | 24 | 20.57 | 14.04 | 0.025 |
| 64QAM | 701.5 | 23035 | 5 | 12 | 0 | 19.59 | 13.06 | 0.020 |
| 64QAM | 701.5 | 23035 | 5 | 12 | 7 | 19.64 | 13.11 | 0.020 |
| 64QAM | 701.5 | 23035 | 5 | 12 | 13 | 19.57 | 13.04 | 0.020 |
| 64QAM | 701.5 | 23035 | 5 | 25 | 0 | 19.49 | 12.96 | 0.020 |
| 64QAM | 707.5 | 23095 | 5 | 1 | 0 | 20.65 | 14.12 | 0.026 |
| 64QAM | 707.5 | 23095 | 5 | 1 | 12 | 20.91 | 14.38 | 0.027 |
| 64QAM | 707.5 | 23095 | 5 | 1 | 24 | 20.71 | 14.18 | 0.026 |
| 64QAM | 707.5 | 23095 | 5 | 12 | 0 | 19.50 | 12.97 | 0.020 |
| 64QAM | 707.5 | 23095 | 5 | 12 | 7 | 19.53 | 13.00 | 0.020 |
| 64QAM | 707.5 | 23095 | 5 | 12 | 13 | 19.48 | 12.95 | 0.020 |
| 64QAM | 707.5 | 23095 | 5 | 25 | 0 | 19.53 | 13.00 | 0.020 |
| 64QAM | 713.5 | 23155 | 5 | 1 | 0 | 20.59 | 14.06 | 0.025 |
| 64QAM | 713.5 | 23155 | 5 | 1 | 12 | 20.95 | 14.42 | 0.028 |
| 64QAM | 713.5 | 23155 | 5 | 1 | 24 | 20.68 | 14.15 | 0.026 |
| 64QAM | 713.5 | 23155 | 5 | 12 | 0 | 19.56 | 13.03 | 0.020 |
| 64QAM | 713.5 | 23155 | 5 | 12 | 7 | 19.68 | 13.15 | 0.021 |
| 64QAM | 713.5 | 23155 | 5 | 12 | 13 | 19.59 | 13.06 | 0.020 |
| 64QAM | 713.5 | 23155 | 5 | 25 | 0 | 19.62 | 13.09 | 0.020 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|---|---|---|---|---|---|---|---|---|
| QPSK | 704 | 23060 | 10 | 1 | 0 | 22.49 | 15.96 | 0.039 |
| QPSK | 704 | 23060 | 10 | 1 | 25 | 22.74 | 16.21 | 0.042 |
| QPSK | 704 | 23060 | 10 | 1 | 49 | 22.51 | 15.98 | 0.040 |
| QPSK | 704 | 23060 | 10 | 25 | 0 | 21.63 | 15.10 | 0.032 |
| QPSK | 704 | 23060 | 10 | 25 | 12 | 21.61 | 15.08 | 0.032 |
| QPSK | 704 | 23060 | 10 | 25 | 25 | 21.52 | 14.99 | 0.032 |
| QPSK | 704 | 23060 | 10 | 50 | 0 | 21.63 | 15.10 | 0.032 |
| QPSK | 707.5 | 23095 | 10 | 1 | 0 | 22.55 | 16.02 | 0.040 |
| QPSK | 707.5 | 23095 | 10 | 1 | 25 | 22.81 | 16.28 | 0.042 |
| QPSK | 707.5 | 23095 | 10 | 1 | 49 | 22.55 | 16.02 | 0.040 |
| QPSK | 707.5 | 23095 | 10 | 25 | 0 | 21.59 | 15.06 | 0.032 |
| QPSK | 707.5 | 23095 | 10 | 25 | 12 | 21.62 | 15.09 | 0.032 |
| QPSK | 707.5 | 23095 | 10 | 25 | 25 | 21.63 | 15.10 | 0.032 |
| QPSK | 707.5 | 23095 | 10 | 50 | 0 | 21.64 | 15.11 | 0.032 |
| QPSK | 711 | 23130 | 10 | 1 | 0 | 22.62 | 16.09 | 0.041 |
| QPSK | 711 | 23130 | 10 | 1 | 25 | 22.70 | 16.17 | 0.041 |
| QPSK | 711 | 23130 | 10 | 1 | 49 | 22.64 | 16.11 | 0.041 |
| QPSK | 711 | 23130 | 10 | 25 | 0 | 21.50 | 14.97 | 0.031 |
| QPSK | 711 | 23130 | 10 | 25 | 12 | 21.64 | 15.11 | 0.032 |
| QPSK | 711 | 23130 | 10 | 25 | 25 | 21.53 | 15.00 | 0.032 |
| QPSK | 711 | 23130 | 10 | 50 | 0 | 21.56 | 15.03 | 0.032 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|---|---|---|---|---|---|---|---|---|
| 16QAM | 704 | 23060 | 10 | 1 | 0 | 22.04 | 15.51 | 0.036 |
| 16QAM | 704 | 23060 | 10 | 1 | 25 | 22.27 | 15.74 | 0.037 |
| 16QAM | 704 | 23060 | 10 | 1 | 49 | 22.09 | 15.56 | 0.036 |
| 16QAM | 704 | 23060 | 10 | 25 | 0 | 20.63 | 14.10 | 0.026 |
| 16QAM | 704 | 23060 | 10 | 25 | 12 | 20.61 | 14.08 | 0.026 |
| 16QAM | 704 | 23060 | 10 | 25 | 25 | 20.63 | 14.10 | 0.026 |
| 16QAM | 704 | 23060 | 10 | 50 | 0 | 20.62 | 14.09 | 0.026 |
| 16QAM | 707.5 | 23095 | 10 | 1 | 0 | 21.79 | 15.26 | 0.034 |
| 16QAM | 707.5 | 23095 | 10 | 1 | 25 | 21.84 | 15.31 | 0.034 |
| 16QAM | 707.5 | 23095 | 10 | 1 | 49 | 21.77 | 15.24 | 0.033 |
| 16QAM | 707.5 | 23095 | 10 | 25 | 0 | 20.64 | 14.11 | 0.026 |
| 16QAM | 707.5 | 23095 | 10 | 25 | 12 | 20.67 | 14.14 | 0.026 |
| 16QAM | 707.5 | 23095 | 10 | 25 | 25 | 20.62 | 14.09 | 0.026 |
| 16QAM | 707.5 | 23095 | 10 | 50 | 0 | 20.66 | 14.13 | 0.026 |
| 16QAM | 711 | 23130 | 10 | 1 | 0 | 21.68 | 15.15 | 0.033 |
| 16QAM | 711 | 23130 | 10 | 1 | 25 | 21.92 | 15.39 | 0.035 |
| 16QAM | 711 | 23130 | 10 | 1 | 49 | 21.72 | 15.19 | 0.033 |
| 16QAM | 711 | 23130 | 10 | 25 | 0 | 20.64 | 14.11 | 0.026 |
| 16QAM | 711 | 23130 | 10 | 25 | 12 | 20.62 | 14.09 | 0.026 |
| 16QAM | 711 | 23130 | 10 | 25 | 25 | 20.64 | 14.11 | 0.026 |
| 16QAM | 711 | 23130 | 10 | 50 | 0 | 20.61 | 14.08 | 0.026 |
| 64QAM | 704 | 23060 | 10 | 1 | 0 | 20.81 | 14.28 | 0.027 |
| 64QAM | 704 | 23060 | 10 | 1 | 25 | 21.10 | 14.57 | 0.029 |
| 64QAM | 704 | 23060 | 10 | 1 | 49 | 20.88 | 14.35 | 0.027 |
| 64QAM | 704 | 23060 | 10 | 25 | 0 | 19.64 | 13.11 | 0.020 |
| 64QAM | 704 | 23060 | 10 | 25 | 12 | 19.72 | 13.19 | 0.021 |
| 64QAM | 704 | 23060 | 10 | 25 | 25 | 19.69 | 13.16 | 0.021 |
| 64QAM | 704 | 23060 | 10 | 50 | 0 | 19.58 | 13.05 | 0.020 |
| 64QAM | 707.5 | 23095 | 10 | 1 | 0 | 20.71 | 14.18 | 0.026 |
| 64QAM | 707.5 | 23095 | 10 | 1 | 25 | 20.87 | 14.34 | 0.027 |
| 64QAM | 707.5 | 23095 | 10 | 1 | 49 | 20.68 | 14.15 | 0.026 |
| 64QAM | 707.5 | 23095 | 10 | 25 | 0 | 19.71 | 13.18 | 0.021 |
| 64QAM | 707.5 | 23095 | 10 | 25 | 12 | 19.72 | 13.19 | 0.021 |
| 64QAM | 707.5 | 23095 | 10 | 25 | 25 | 19.72 | 13.19 | 0.021 |
| 64QAM | 707.5 | 23095 | 10 | 50 | 0 | 19.72 | 13.19 | 0.021 |
| 64QAM | 711 | 23130 | 10 | 1 | 0 | 20.74 | 14.21 | 0.026 |
| 64QAM | 711 | 23130 | 10 | 1 | 25 | 20.97 | 14.44 | 0.028 |
| 64QAM | 711 | 23130 | 10 | 1 | 49 | 20.69 | 14.16 | 0.026 |
| 64QAM | 711 | 23130 | 10 | 25 | 0 | 19.66 | 13.13 | 0.021 |
| 64QAM | 711 | 23130 | 10 | 25 | 12 | 19.75 | 13.22 | 0.021 |
| 64QAM | 711 | 23130 | 10 | 25 | 25 | 19.68 | 13.15 | 0.021 |
| 64QAM | 711 | 23130 | 10 | 50 | 0 | 19.63 | 13.10 | 0.020 |