

Fig.7

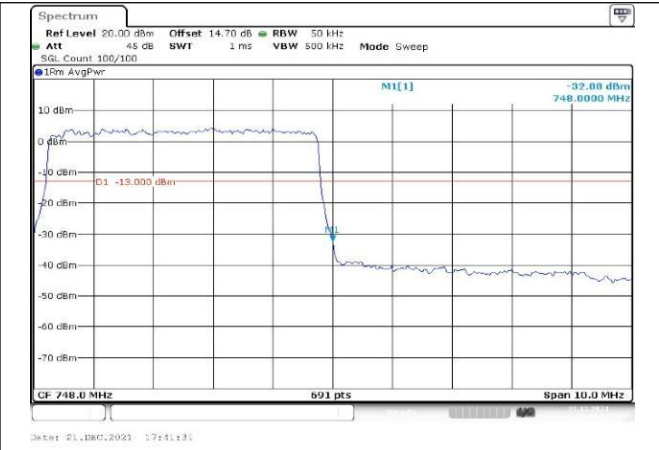


Fig.8

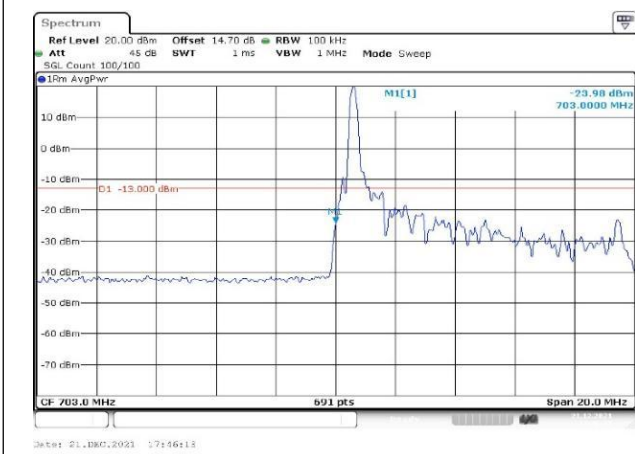


Fig.9

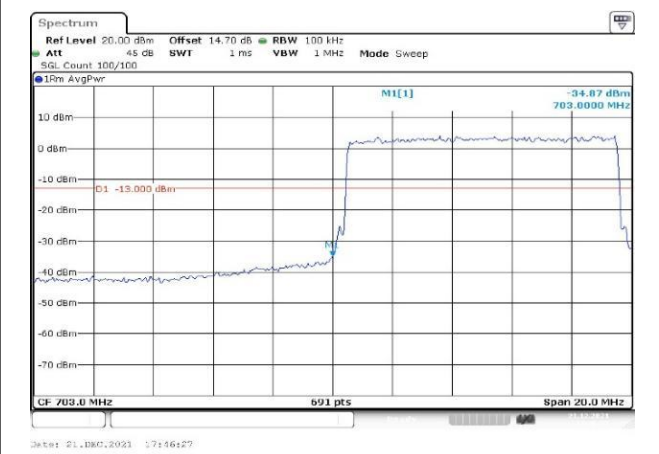


Fig.10

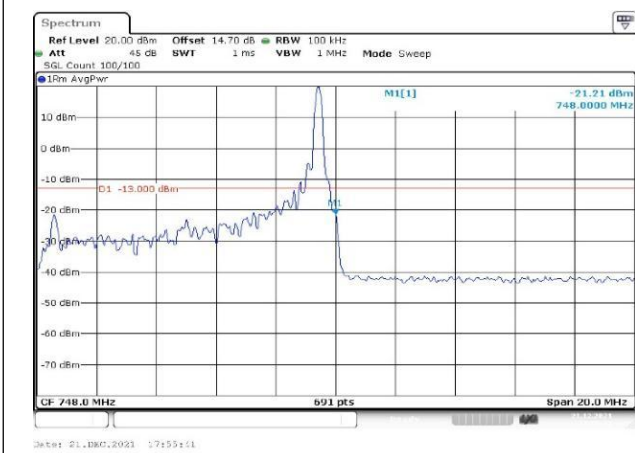


Fig.11

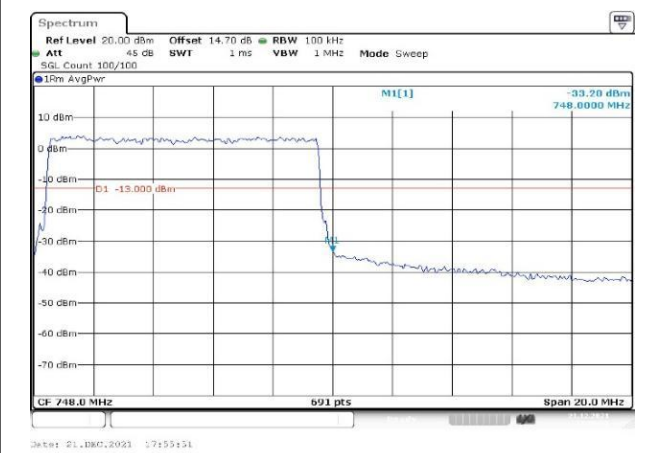


Fig.12

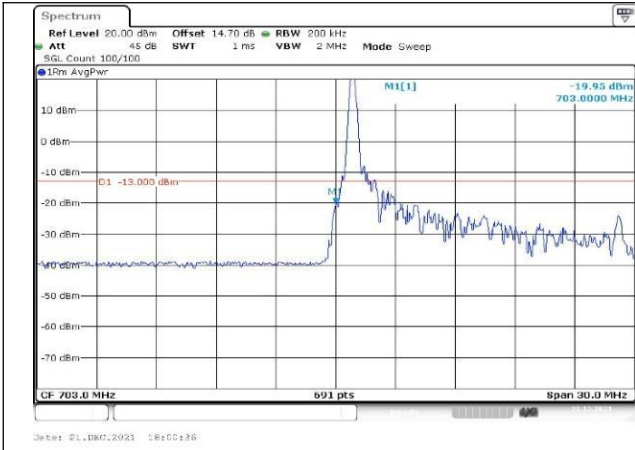


Fig.13

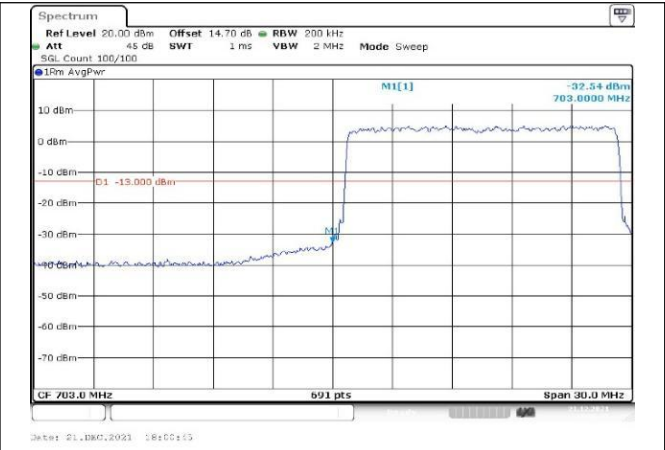


Fig.14

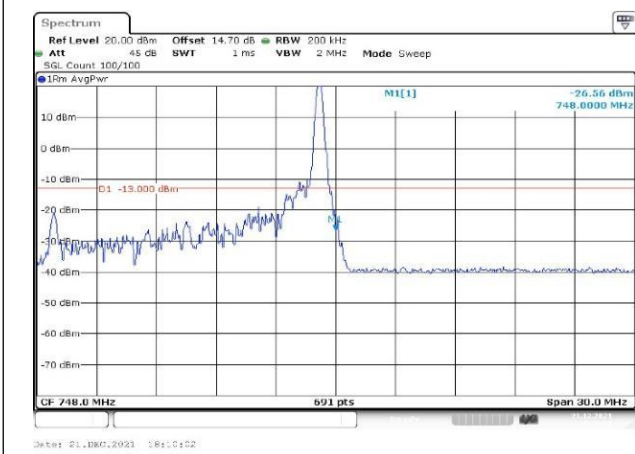


Fig.15

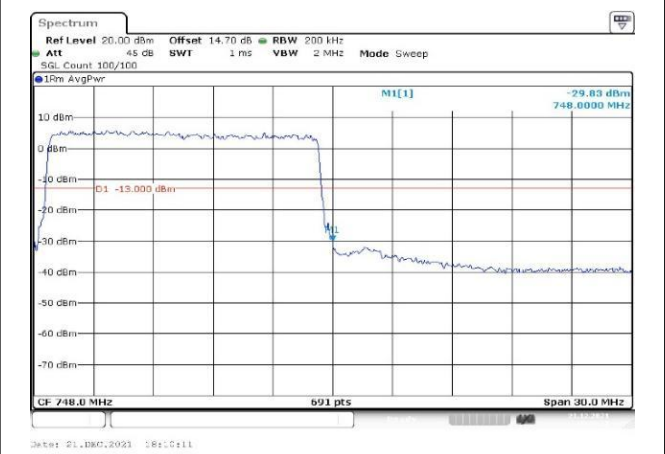


Fig.16

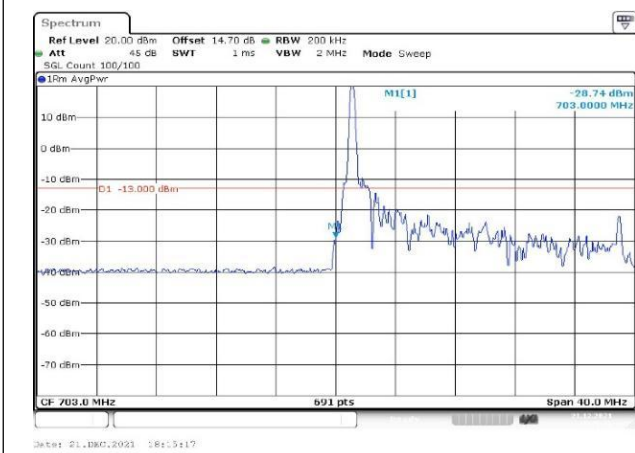


Fig.17

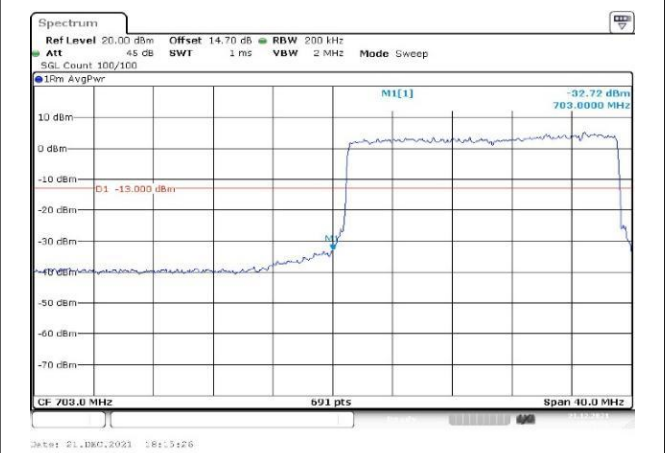


Fig.18

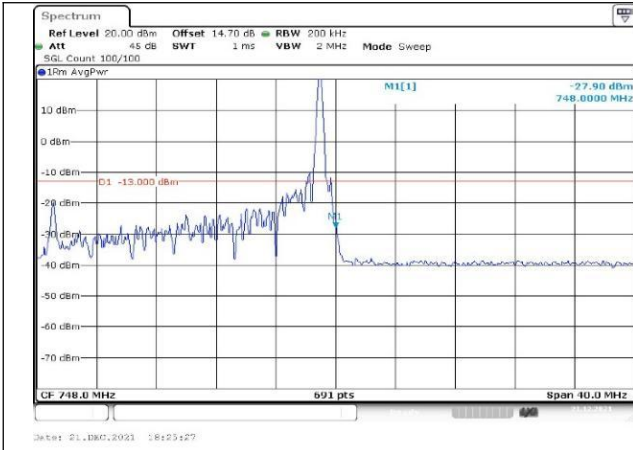


Fig.19

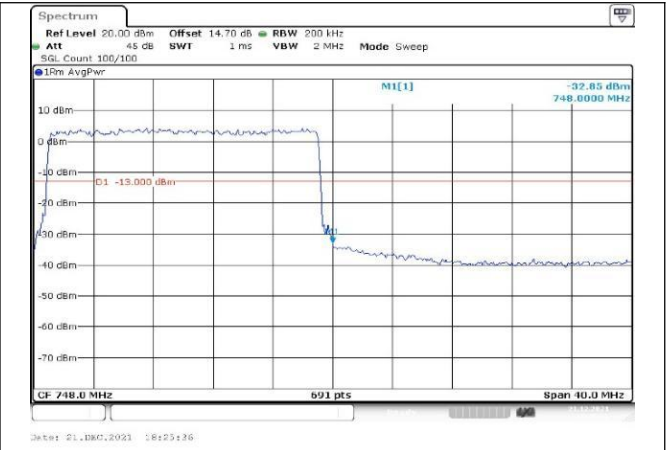


Fig.20

7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 28 Low Channel QPSK | | | | |
|-----------------|---------|--|--------|--------|--------|--------|
| | | 3M | 5M | 10M | 15M | 20M |
| -10 | NV | -0.034 | 0.003 | 0.017 | -0.001 | -1.346 |
| 0 | NV | -0.013 | -0.010 | -0.002 | 0.006 | -1.375 |
| +10 | NV | -0.017 | 0.013 | 0.002 | 0.012 | -1.368 |
| +30 | NV | -0.017 | -0.002 | -0.038 | 0.022 | -1.396 |
| +40 | NV | -0.006 | 0.016 | 0.014 | 0.002 | -1.354 |
| +55 | NV | -0.025 | 0.004 | 0.000 | 0.026 | -1.391 |
| +20 | LV | -0.005 | 0.030 | -0.001 | -0.004 | -1.388 |
| +20 | HV | -0.026 | 0.013 | 0.002 | 0.012 | -1.388 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 28 High Channel QPSK | | | | |
|-----------------|---------|---|--------|-------|--------|-------|
| | | 3M | 5M | 10M | 15M | 20M |
| -10 | NV | -0.004 | -0.029 | 0.059 | 0.004 | 0.009 |
| 0 | NV | -0.008 | 0.000 | 0.041 | -0.017 | 0.005 |
| +10 | NV | 0.005 | -0.020 | 0.036 | -0.003 | 0.019 |
| +30 | NV | -0.043 | -0.039 | 0.055 | 0.016 | 0.006 |
| +40 | NV | -0.003 | -0.024 | 0.049 | 0.019 | 0.034 |
| +55 | NV | -0.025 | 0.001 | 0.026 | 0.028 | 0.002 |
| +20 | LV | -0.019 | -0.002 | 0.023 | 0.032 | 0.005 |
| +20 | HV | 0.007 | 0.010 | 0.010 | -0.004 | 0.010 |

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) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM | 704.5 | 27225 | 3 | 1 | 0 | 23.04 | 17.19 | 0.052 |
| 16QAM | 704.5 | 27225 | 3 | 1 | 8 | 23.08 | 17.23 | 0.053 |
| 16QAM | 704.5 | 27225 | 3 | 1 | 14 | 23.06 | 17.21 | 0.053 |
| 16QAM | 704.5 | 27225 | 3 | 8 | 0 | 22.34 | 16.49 | 0.045 |
| 16QAM | 704.5 | 27225 | 3 | 8 | 4 | 22.21 | 16.36 | 0.043 |
| 16QAM | 704.5 | 27225 | 3 | 8 | 7 | 21.83 | 15.98 | 0.040 |
| 16QAM | 704.5 | 27225 | 3 | 15 | 0 | 22.29 | 16.44 | 0.044 |
| 16QAM | 719.5 | 27375 | 3 | 1 | 0 | 23.45 | 17.60 | 0.058 |
| 16QAM | 719.5 | 27375 | 3 | 1 | 8 | 23.51 | 17.66 | 0.058 |
| 16QAM | 719.5 | 27375 | 3 | 1 | 14 | 23.45 | 17.60 | 0.058 |
| 16QAM | 719.5 | 27375 | 3 | 8 | 0 | 21.75 | 15.90 | 0.039 |
| 16QAM | 719.5 | 27375 | 3 | 8 | 4 | 22.22 | 16.37 | 0.043 |
| 16QAM | 719.5 | 27375 | 3 | 8 | 7 | 22.27 | 16.42 | 0.044 |
| 16QAM | 719.5 | 27375 | 3 | 15 | 0 | 22.29 | 16.44 | 0.044 |
| 16QAM | 746.5 | 27645 | 3 | 1 | 0 | 23.09 | 17.24 | 0.053 |
| 16QAM | 746.5 | 27645 | 3 | 1 | 8 | 23.13 | 17.28 | 0.053 |
| 16QAM | 746.5 | 27645 | 3 | 1 | 14 | 23.09 | 17.24 | 0.053 |
| 16QAM | 746.5 | 27645 | 3 | 8 | 0 | 22.19 | 16.34 | 0.043 |
| 16QAM | 746.5 | 27645 | 3 | 8 | 4 | 21.95 | 16.10 | 0.041 |
| 16QAM | 746.5 | 27645 | 3 | 8 | 7 | 22.04 | 16.19 | 0.042 |
| 16QAM | 746.5 | 27645 | 3 | 15 | 0 | 21.99 | 16.14 | 0.041 |
| 64QAM | 704.5 | 27225 | 3 | 1 | 0 | 22.43 | 16.58 | 0.045 |
| 64QAM | 704.5 | 27225 | 3 | 1 | 8 | 22.37 | 16.52 | 0.045 |
| 64QAM | 704.5 | 27225 | 3 | 1 | 14 | 21.88 | 16.03 | 0.040 |
| 64QAM | 704.5 | 27225 | 3 | 8 | 0 | 21.03 | 15.18 | 0.033 |
| 64QAM | 704.5 | 27225 | 3 | 8 | 4 | 20.98 | 15.13 | 0.033 |
| 64QAM | 704.5 | 27225 | 3 | 8 | 7 | 20.99 | 15.14 | 0.033 |
| 64QAM | 704.5 | 27225 | 3 | 15 | 0 | 21.32 | 15.47 | 0.035 |
| 64QAM | 719.5 | 27375 | 3 | 1 | 0 | 22.14 | 16.29 | 0.043 |
| 64QAM | 719.5 | 27375 | 3 | 1 | 8 | 22.71 | 16.86 | 0.049 |
| 64QAM | 719.5 | 27375 | 3 | 1 | 14 | 22.66 | 16.81 | 0.048 |
| 64QAM | 719.5 | 27375 | 3 | 8 | 0 | 20.56 | 14.71 | 0.030 |
| 64QAM | 719.5 | 27375 | 3 | 8 | 4 | 21.06 | 15.21 | 0.033 |
| 64QAM | 719.5 | 27375 | 3 | 8 | 7 | 21.09 | 15.24 | 0.033 |
| 64QAM | 719.5 | 27375 | 3 | 15 | 0 | 21.12 | 15.27 | 0.034 |
| 64QAM | 746.5 | 27645 | 3 | 1 | 0 | 21.97 | 16.12 | 0.041 |
| 64QAM | 746.5 | 27645 | 3 | 1 | 8 | 21.88 | 16.03 | 0.040 |
| 64QAM | 746.5 | 27645 | 3 | 1 | 14 | 21.87 | 16.02 | 0.040 |
| 64QAM | 746.5 | 27645 | 3 | 8 | 0 | 20.97 | 15.12 | 0.033 |
| 64QAM | 746.5 | 27645 | 3 | 8 | 4 | 20.85 | 15.00 | 0.032 |
| 64QAM | 746.5 | 27645 | 3 | 8 | 7 | 20.79 | 14.94 | 0.031 |
| 64QAM | 746.5 | 27645 | 3 | 15 | 0 | 21.03 | 15.18 | 0.033 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK | 704.5 | 27225 | 3 | 1 | 0 | 23.31 | 17.46 | 0.056 |
| QPSK | 704.5 | 27225 | 3 | 1 | 8 | 23.37 | 17.52 | 0.056 |
| QPSK | 704.5 | 27225 | 3 | 1 | 14 | 23.24 | 17.39 | 0.055 |
| QPSK | 704.5 | 27225 | 3 | 8 | 0 | 22.86 | 17.01 | 0.050 |
| QPSK | 704.5 | 27225 | 3 | 8 | 4 | 22.78 | 16.93 | 0.049 |
| QPSK | 704.5 | 27225 | 3 | 8 | 7 | 22.79 | 16.94 | 0.049 |
| QPSK | 704.5 | 27225 | 3 | 15 | 0 | 22.73 | 16.88 | 0.049 |
| QPSK | 719.5 | 27375 | 3 | 1 | 0 | 23.37 | 17.52 | 0.056 |
| QPSK | 719.5 | 27375 | 3 | 1 | 8 | 23.43 | 17.58 | 0.057 |
| QPSK | 719.5 | 27375 | 3 | 1 | 14 | 23.48 | 17.63 | 0.058 |
| QPSK | 719.5 | 27375 | 3 | 8 | 0 | 22.66 | 16.81 | 0.048 |
| QPSK | 719.5 | 27375 | 3 | 8 | 4 | 22.76 | 16.91 | 0.049 |
| QPSK | 719.5 | 27375 | 3 | 8 | 7 | 22.63 | 16.78 | 0.048 |
| QPSK | 719.5 | 27375 | 3 | 15 | 0 | 22.80 | 16.95 | 0.050 |
| QPSK | 746.5 | 27645 | 3 | 1 | 0 | 23.33 | 17.48 | 0.056 |
| QPSK | 746.5 | 27645 | 3 | 1 | 8 | 23.46 | 17.61 | 0.058 |
| QPSK | 746.5 | 27645 | 3 | 1 | 14 | 23.41 | 17.56 | 0.057 |
| QPSK | 746.5 | 27645 | 3 | 8 | 0 | 22.80 | 16.95 | 0.050 |
| QPSK | 746.5 | 27645 | 3 | 8 | 4 | 22.85 | 17.00 | 0.050 |
| QPSK | 746.5 | 27645 | 3 | 8 | 7 | 22.86 | 17.01 | 0.050 |
| QPSK | 746.5 | 27645 | 3 | 15 | 0 | 22.87 | 17.02 | 0.050 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM | 705.5 | 27235 | 5 | 1 | 0 | 22.27 | 16.42 | 0.044 |
| 16QAM | 705.5 | 27235 | 5 | 1 | 12 | 22.22 | 16.37 | 0.043 |
| 16QAM | 705.5 | 27235 | 5 | 1 | 24 | 22.11 | 16.26 | 0.042 |
| 16QAM | 705.5 | 27235 | 5 | 12 | 0 | 22.01 | 16.16 | 0.041 |
| 16QAM | 705.5 | 27235 | 5 | 12 | 7 | 21.71 | 15.86 | 0.039 |
| 16QAM | 705.5 | 27235 | 5 | 12 | 13 | 21.64 | 15.79 | 0.038 |
| 16QAM | 705.5 | 27235 | 5 | 25 | 0 | 21.83 | 15.98 | 0.040 |
| 16QAM | 720.5 | 27385 | 5 | 1 | 0 | 22.59 | 16.74 | 0.047 |
| 16QAM | 720.5 | 27385 | 5 | 1 | 12 | 22.72 | 16.87 | 0.049 |
| 16QAM | 720.5 | 27385 | 5 | 1 | 24 | 22.84 | 16.99 | 0.050 |
| 16QAM | 720.5 | 27385 | 5 | 12 | 0 | 22.02 | 16.17 | 0.041 |
| 16QAM | 720.5 | 27385 | 5 | 12 | 7 | 21.98 | 16.13 | 0.041 |
| 16QAM | 720.5 | 27385 | 5 | 12 | 13 | 21.92 | 16.07 | 0.040 |
| 16QAM | 720.5 | 27385 | 5 | 25 | 0 | 22.09 | 16.24 | 0.042 |
| 16QAM | 745.5 | 27635 | 5 | 1 | 0 | 23.08 | 17.23 | 0.053 |
| 16QAM | 745.5 | 27635 | 5 | 1 | 12 | 23.14 | 17.29 | 0.054 |
| 16QAM | 745.5 | 27635 | 5 | 1 | 24 | 23.04 | 17.19 | 0.052 |
| 16QAM | 745.5 | 27635 | 5 | 12 | 0 | 21.92 | 16.07 | 0.040 |
| 16QAM | 745.5 | 27635 | 5 | 12 | 7 | 21.81 | 15.96 | 0.039 |
| 16QAM | 745.5 | 27635 | 5 | 12 | 13 | 21.69 | 15.84 | 0.038 |
| 16QAM | 745.5 | 27635 | 5 | 25 | 0 | 21.99 | 16.14 | 0.041 |
| 64QAM | 705.5 | 27235 | 5 | 1 | 0 | 21.90 | 16.05 | 0.040 |
| 64QAM | 705.5 | 27235 | 5 | 1 | 12 | 21.39 | 15.54 | 0.036 |
| 64QAM | 705.5 | 27235 | 5 | 1 | 24 | 21.46 | 15.61 | 0.036 |
| 64QAM | 705.5 | 27235 | 5 | 12 | 0 | 21.17 | 15.32 | 0.034 |
| 64QAM | 705.5 | 27235 | 5 | 12 | 7 | 21.25 | 15.40 | 0.035 |
| 64QAM | 705.5 | 27235 | 5 | 12 | 13 | 21.28 | 15.43 | 0.035 |
| 64QAM | 705.5 | 27235 | 5 | 25 | 0 | 21.22 | 15.37 | 0.034 |
| 64QAM | 720.5 | 27385 | 5 | 1 | 0 | 21.76 | 15.91 | 0.039 |
| 64QAM | 720.5 | 27385 | 5 | 1 | 12 | 22.19 | 16.34 | 0.043 |
| 64QAM | 720.5 | 27385 | 5 | 1 | 24 | 22.18 | 16.33 | 0.043 |
| 64QAM | 720.5 | 27385 | 5 | 12 | 0 | 21.01 | 15.16 | 0.033 |
| 64QAM | 720.5 | 27385 | 5 | 12 | 7 | 21.01 | 15.16 | 0.033 |
| 64QAM | 720.5 | 27385 | 5 | 12 | 13 | 21.13 | 15.28 | 0.034 |
| 64QAM | 720.5 | 27385 | 5 | 25 | 0 | 21.40 | 15.55 | 0.036 |
| 64QAM | 745.5 | 27635 | 5 | 1 | 0 | 21.83 | 15.98 | 0.040 |
| 64QAM | 745.5 | 27635 | 5 | 1 | 12 | 22.15 | 16.30 | 0.043 |
| 64QAM | 745.5 | 27635 | 5 | 1 | 24 | 21.93 | 16.08 | 0.041 |
| 64QAM | 745.5 | 27635 | 5 | 12 | 0 | 20.81 | 14.96 | 0.031 |
| 64QAM | 745.5 | 27635 | 5 | 12 | 7 | 20.91 | 15.06 | 0.032 |
| 64QAM | 745.5 | 27635 | 5 | 12 | 13 | 20.69 | 14.84 | 0.030 |
| 64QAM | 745.5 | 27635 | 5 | 25 | 0 | 20.87 | 15.02 | 0.032 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK | 705.5 | 27235 | 5 | 1 | 0 | 23.32 | 17.47 | 0.056 |
| QPSK | 705.5 | 27235 | 5 | 1 | 12 | 23.31 | 17.46 | 0.056 |
| QPSK | 705.5 | 27235 | 5 | 1 | 24 | 23.44 | 17.59 | 0.057 |
| QPSK | 705.5 | 27235 | 5 | 12 | 0 | 22.85 | 17.00 | 0.050 |
| QPSK | 705.5 | 27235 | 5 | 12 | 7 | 22.80 | 16.95 | 0.050 |
| QPSK | 705.5 | 27235 | 5 | 12 | 13 | 22.70 | 16.85 | 0.048 |
| QPSK | 705.5 | 27235 | 5 | 25 | 0 | 22.72 | 16.87 | 0.049 |
| QPSK | 720.5 | 27385 | 5 | 1 | 0 | 23.01 | 17.16 | 0.052 |
| QPSK | 720.5 | 27385 | 5 | 1 | 12 | 23.14 | 17.29 | 0.054 |
| QPSK | 720.5 | 27385 | 5 | 1 | 24 | 23.29 | 17.44 | 0.055 |
| QPSK | 720.5 | 27385 | 5 | 12 | 0 | 22.79 | 16.94 | 0.049 |
| QPSK | 720.5 | 27385 | 5 | 12 | 7 | 22.51 | 16.66 | 0.046 |
| QPSK | 720.5 | 27385 | 5 | 12 | 13 | 22.70 | 16.85 | 0.048 |
| QPSK | 720.5 | 27385 | 5 | 25 | 0 | 22.67 | 16.82 | 0.048 |
| QPSK | 745.5 | 27635 | 5 | 1 | 0 | 23.52 | 17.67 | 0.058 |
| QPSK | 745.5 | 27635 | 5 | 1 | 12 | 23.44 | 17.59 | 0.057 |
| QPSK | 745.5 | 27635 | 5 | 1 | 24 | 23.50 | 17.65 | 0.058 |
| QPSK | 745.5 | 27635 | 5 | 12 | 0 | 22.86 | 17.01 | 0.050 |
| QPSK | 745.5 | 27635 | 5 | 12 | 7 | 22.90 | 17.05 | 0.051 |
| QPSK | 745.5 | 27635 | 5 | 12 | 13 | 22.88 | 17.03 | 0.050 |
| QPSK | 745.5 | 27635 | 5 | 25 | 0 | 22.86 | 17.01 | 0.050 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM | 708 | 27260 | 10 | 1 | 0 | 22.83 | 16.98 | 0.050 |
| 16QAM | 708 | 27260 | 10 | 1 | 25 | 22.73 | 16.88 | 0.049 |
| 16QAM | 708 | 27260 | 10 | 1 | 49 | 22.69 | 16.84 | 0.048 |
| 16QAM | 708 | 27260 | 10 | 25 | 0 | 21.65 | 15.80 | 0.038 |
| 16QAM | 708 | 27260 | 10 | 25 | 12 | 21.68 | 15.83 | 0.038 |
| 16QAM | 708 | 27260 | 10 | 25 | 25 | 21.64 | 15.79 | 0.038 |
| 16QAM | 708 | 27260 | 10 | 50 | 0 | 21.75 | 15.90 | 0.039 |
| 16QAM | 723 | 27410 | 10 | 1 | 0 | 22.92 | 17.07 | 0.051 |
| 16QAM | 723 | 27410 | 10 | 1 | 25 | 23.16 | 17.31 | 0.054 |
| 16QAM | 723 | 27410 | 10 | 1 | 49 | 23.15 | 17.30 | 0.054 |
| 16QAM | 723 | 27410 | 10 | 25 | 0 | 22.17 | 16.32 | 0.043 |
| 16QAM | 723 | 27410 | 10 | 25 | 12 | 22.24 | 16.39 | 0.044 |
| 16QAM | 723 | 27410 | 10 | 25 | 25 | 21.63 | 15.78 | 0.038 |
| 16QAM | 723 | 27410 | 10 | 50 | 0 | 22.20 | 16.35 | 0.043 |
| 16QAM | 743 | 27610 | 10 | 1 | 0 | 22.77 | 16.92 | 0.049 |
| 16QAM | 743 | 27610 | 10 | 1 | 25 | 22.62 | 16.77 | 0.048 |
| 16QAM | 743 | 27610 | 10 | 1 | 49 | 22.79 | 16.94 | 0.049 |
| 16QAM | 743 | 27610 | 10 | 25 | 0 | 21.66 | 15.81 | 0.038 |
| 16QAM | 743 | 27610 | 10 | 25 | 12 | 21.79 | 15.94 | 0.039 |
| 16QAM | 743 | 27610 | 10 | 25 | 25 | 21.99 | 16.14 | 0.041 |
| 16QAM | 743 | 27610 | 10 | 50 | 0 | 21.86 | 16.01 | 0.040 |
| 64QAM | 708 | 27260 | 10 | 1 | 0 | 22.85 | 17.00 | 0.050 |
| 64QAM | 708 | 27260 | 10 | 1 | 25 | 22.34 | 16.49 | 0.045 |
| 64QAM | 708 | 27260 | 10 | 1 | 49 | 22.78 | 16.93 | 0.049 |
| 64QAM | 708 | 27260 | 10 | 25 | 0 | 21.25 | 15.40 | 0.035 |
| 64QAM | 708 | 27260 | 10 | 25 | 12 | 20.60 | 14.75 | 0.030 |
| 64QAM | 708 | 27260 | 10 | 25 | 25 | 21.23 | 15.38 | 0.035 |
| 64QAM | 708 | 27260 | 10 | 50 | 0 | 20.66 | 14.81 | 0.030 |
| 64QAM | 723 | 27410 | 10 | 1 | 0 | 21.23 | 15.38 | 0.035 |
| 64QAM | 723 | 27410 | 10 | 1 | 25 | 21.98 | 16.13 | 0.041 |
| 64QAM | 723 | 27410 | 10 | 1 | 49 | 21.60 | 15.75 | 0.038 |
| 64QAM | 723 | 27410 | 10 | 25 | 0 | 21.05 | 15.20 | 0.033 |
| 64QAM | 723 | 27410 | 10 | 25 | 12 | 21.24 | 15.39 | 0.035 |
| 64QAM | 723 | 27410 | 10 | 25 | 25 | 21.35 | 15.50 | 0.035 |
| 64QAM | 723 | 27410 | 10 | 50 | 0 | 21.28 | 15.43 | 0.035 |
| 64QAM | 743 | 27610 | 10 | 1 | 0 | 23.23 | 17.38 | 0.055 |
| 64QAM | 743 | 27610 | 10 | 1 | 25 | 23.12 | 17.27 | 0.053 |
| 64QAM | 743 | 27610 | 10 | 1 | 49 | 23.26 | 17.41 | 0.055 |
| 64QAM | 743 | 27610 | 10 | 25 | 0 | 20.51 | 14.66 | 0.029 |
| 64QAM | 743 | 27610 | 10 | 25 | 12 | 20.96 | 15.11 | 0.032 |
| 64QAM | 743 | 27610 | 10 | 25 | 25 | 20.97 | 15.12 | 0.033 |
| 64QAM | 743 | 27610 | 10 | 50 | 0 | 20.85 | 15.00 | 0.032 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK | 708 | 27260 | 10 | 1 | 0 | 23.25 | 17.40 | 0.055 |
| QPSK | 708 | 27260 | 10 | 1 | 25 | 23.38 | 17.53 | 0.057 |
| QPSK | 708 | 27260 | 10 | 1 | 49 | 23.23 | 17.38 | 0.055 |
| QPSK | 708 | 27260 | 10 | 25 | 0 | 22.69 | 16.84 | 0.048 |
| QPSK | 708 | 27260 | 10 | 25 | 12 | 22.61 | 16.76 | 0.047 |
| QPSK | 708 | 27260 | 10 | 25 | 25 | 22.61 | 16.76 | 0.047 |
| QPSK | 708 | 27260 | 10 | 50 | 0 | 22.68 | 16.83 | 0.048 |
| QPSK | 723 | 27410 | 10 | 1 | 0 | 23.39 | 17.54 | 0.057 |
| QPSK | 723 | 27410 | 10 | 1 | 25 | 23.45 | 17.60 | 0.058 |
| QPSK | 723 | 27410 | 10 | 1 | 49 | 23.38 | 17.53 | 0.057 |
| QPSK | 723 | 27410 | 10 | 25 | 0 | 22.83 | 16.98 | 0.050 |
| QPSK | 723 | 27410 | 10 | 25 | 12 | 22.78 | 16.93 | 0.049 |
| QPSK | 723 | 27410 | 10 | 25 | 25 | 22.71 | 16.86 | 0.049 |
| QPSK | 723 | 27410 | 10 | 50 | 0 | 22.72 | 16.87 | 0.049 |
| QPSK | 743 | 27610 | 10 | 1 | 0 | 23.44 | 17.59 | 0.057 |
| QPSK | 743 | 27610 | 10 | 1 | 25 | 23.43 | 17.58 | 0.057 |
| QPSK | 743 | 27610 | 10 | 1 | 49 | 23.46 | 17.61 | 0.058 |
| QPSK | 743 | 27610 | 10 | 25 | 0 | 22.96 | 17.11 | 0.051 |
| QPSK | 743 | 27610 | 10 | 25 | 12 | 22.74 | 16.89 | 0.049 |
| QPSK | 743 | 27610 | 10 | 25 | 25 | 22.90 | 17.05 | 0.051 |
| QPSK | 743 | 27610 | 10 | 50 | 0 | 22.78 | 16.93 | 0.049 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM | 710.5 | 27285 | 15 | 1 | 0 | 23.61 | 17.76 | 0.060 |
| 16QAM | 710.5 | 27285 | 15 | 1 | 37 | 23.36 | 17.51 | 0.056 |
| 16QAM | 710.5 | 27285 | 15 | 1 | 74 | 23.53 | 17.68 | 0.059 |
| 16QAM | 710.5 | 27285 | 15 | 36 | 0 | 21.82 | 15.97 | 0.040 |
| 16QAM | 710.5 | 27285 | 15 | 36 | 29 | 22.17 | 16.32 | 0.043 |
| 16QAM | 710.5 | 27285 | 15 | 36 | 30 | 22.14 | 16.29 | 0.043 |
| 16QAM | 710.5 | 27285 | 15 | 75 | 0 | 21.66 | 15.81 | 0.038 |
| 16QAM | 725.5 | 27435 | 15 | 1 | 0 | 23.37 | 17.52 | 0.056 |
| 16QAM | 725.5 | 27435 | 15 | 1 | 37 | 23.32 | 17.47 | 0.056 |
| 16QAM | 725.5 | 27435 | 15 | 1 | 74 | 23.38 | 17.53 | 0.057 |
| 16QAM | 725.5 | 27435 | 15 | 36 | 0 | 21.90 | 16.05 | 0.040 |
| 16QAM | 725.5 | 27435 | 15 | 36 | 29 | 22.23 | 16.38 | 0.043 |
| 16QAM | 725.5 | 27435 | 15 | 36 | 30 | 22.23 | 16.38 | 0.043 |
| 16QAM | 725.5 | 27435 | 15 | 75 | 0 | 22.11 | 16.26 | 0.042 |
| 16QAM | 740.5 | 27585 | 15 | 1 | 0 | 23.54 | 17.69 | 0.059 |
| 16QAM | 740.5 | 27585 | 15 | 1 | 37 | 23.42 | 17.57 | 0.057 |
| 16QAM | 740.5 | 27585 | 15 | 1 | 74 | 23.38 | 17.53 | 0.057 |
| 16QAM | 740.5 | 27585 | 15 | 36 | 0 | 21.92 | 16.07 | 0.040 |
| 16QAM | 740.5 | 27585 | 15 | 36 | 29 | 21.80 | 15.95 | 0.039 |
| 16QAM | 740.5 | 27585 | 15 | 36 | 30 | 21.91 | 16.06 | 0.040 |
| 16QAM | 740.5 | 27585 | 15 | 75 | 0 | 21.61 | 15.76 | 0.038 |
| 64QAM | 710.5 | 27285 | 15 | 1 | 0 | 22.76 | 16.91 | 0.049 |
| 64QAM | 710.5 | 27285 | 15 | 1 | 37 | 22.20 | 16.35 | 0.043 |
| 64QAM | 710.5 | 27285 | 15 | 1 | 74 | 22.37 | 16.52 | 0.045 |
| 64QAM | 710.5 | 27285 | 15 | 36 | 0 | 20.76 | 14.91 | 0.031 |
| 64QAM | 710.5 | 27285 | 15 | 36 | 29 | 21.05 | 15.20 | 0.033 |
| 64QAM | 710.5 | 27285 | 15 | 36 | 30 | 21.35 | 15.50 | 0.035 |
| 64QAM | 710.5 | 27285 | 15 | 75 | 0 | 21.24 | 15.39 | 0.035 |
| 64QAM | 725.5 | 27435 | 15 | 1 | 0 | 21.48 | 15.63 | 0.037 |
| 64QAM | 725.5 | 27435 | 15 | 1 | 37 | 21.34 | 15.49 | 0.035 |
| 64QAM | 725.5 | 27435 | 15 | 1 | 74 | 21.42 | 15.57 | 0.036 |
| 64QAM | 725.5 | 27435 | 15 | 36 | 0 | 21.28 | 15.43 | 0.035 |
| 64QAM | 725.5 | 27435 | 15 | 36 | 29 | 21.27 | 15.42 | 0.035 |
| 64QAM | 725.5 | 27435 | 15 | 36 | 30 | 21.20 | 15.35 | 0.034 |
| 64QAM | 725.5 | 27435 | 15 | 75 | 0 | 21.05 | 15.20 | 0.033 |
| 64QAM | 740.5 | 27585 | 15 | 1 | 0 | 23.22 | 17.37 | 0.055 |
| 64QAM | 740.5 | 27585 | 15 | 1 | 37 | 22.78 | 16.93 | 0.049 |
| 64QAM | 740.5 | 27585 | 15 | 1 | 74 | 23.07 | 17.22 | 0.053 |
| 64QAM | 740.5 | 27585 | 15 | 36 | 0 | 21.22 | 15.37 | 0.034 |
| 64QAM | 740.5 | 27585 | 15 | 36 | 29 | 20.77 | 14.92 | 0.031 |
| 64QAM | 740.5 | 27585 | 15 | 36 | 30 | 20.76 | 14.91 | 0.031 |
| 64QAM | 740.5 | 27585 | 15 | 75 | 0 | 20.64 | 14.79 | 0.030 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK | 710.5 | 27285 | 15 | 1 | 0 | 23.39 | 17.54 | 0.057 |
| QPSK | 710.5 | 27285 | 15 | 1 | 37 | 23.24 | 17.39 | 0.055 |
| QPSK | 710.5 | 27285 | 15 | 1 | 74 | 23.36 | 17.51 | 0.056 |
| QPSK | 710.5 | 27285 | 15 | 36 | 0 | 22.71 | 16.86 | 0.049 |
| QPSK | 710.5 | 27285 | 15 | 36 | 29 | 22.89 | 17.04 | 0.051 |
| QPSK | 710.5 | 27285 | 15 | 36 | 30 | 22.77 | 16.92 | 0.049 |
| QPSK | 710.5 | 27285 | 15 | 75 | 0 | 22.69 | 16.84 | 0.048 |
| QPSK | 725.5 | 27435 | 15 | 1 | 0 | 23.70 | 17.85 | 0.061 |
| QPSK | 725.5 | 27435 | 15 | 1 | 37 | 23.45 | 17.60 | 0.058 |
| QPSK | 725.5 | 27435 | 15 | 1 | 74 | 23.39 | 17.54 | 0.057 |
| QPSK | 725.5 | 27435 | 15 | 36 | 0 | 22.88 | 17.03 | 0.050 |
| QPSK | 725.5 | 27435 | 15 | 36 | 29 | 23.03 | 17.18 | 0.052 |
| QPSK | 725.5 | 27435 | 15 | 36 | 30 | 23.02 | 17.17 | 0.052 |
| QPSK | 725.5 | 27435 | 15 | 75 | 0 | 22.91 | 17.06 | 0.051 |
| QPSK | 740.5 | 27585 | 15 | 1 | 0 | 23.18 | 17.33 | 0.054 |
| QPSK | 740.5 | 27585 | 15 | 1 | 37 | 23.13 | 17.28 | 0.053 |
| QPSK | 740.5 | 27585 | 15 | 1 | 74 | 23.13 | 17.28 | 0.053 |
| QPSK | 740.5 | 27585 | 15 | 36 | 0 | 22.85 | 17.00 | 0.050 |
| QPSK | 740.5 | 27585 | 15 | 36 | 29 | 22.73 | 16.88 | 0.049 |
| QPSK | 740.5 | 27585 | 15 | 36 | 30 | 22.71 | 16.86 | 0.049 |
| QPSK | 740.5 | 27585 | 15 | 75 | 0 | 22.82 | 16.97 | 0.050 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM | 713 | 27310 | 20 | 1 | 0 | 22.71 | 16.86 | 0.049 |
| 16QAM | 713 | 27310 | 20 | 1 | 49 | 22.50 | 16.65 | 0.046 |
| 16QAM | 713 | 27310 | 20 | 1 | 99 | 22.80 | 16.95 | 0.050 |
| 16QAM | 713 | 27310 | 20 | 50 | 0 | 21.70 | 15.85 | 0.038 |
| 16QAM | 713 | 27310 | 20 | 50 | 24 | 22.24 | 16.39 | 0.044 |
| 16QAM | 713 | 27310 | 20 | 50 | 50 | 21.73 | 15.88 | 0.039 |
| 16QAM | 713 | 27310 | 20 | 100 | 0 | 22.18 | 16.33 | 0.043 |
| 16QAM | 728 | 27460 | 20 | 1 | 0 | 23.03 | 17.18 | 0.052 |
| 16QAM | 728 | 27460 | 20 | 1 | 49 | 23.01 | 17.16 | 0.052 |
| 16QAM | 728 | 27460 | 20 | 1 | 99 | 22.79 | 16.94 | 0.049 |
| 16QAM | 728 | 27460 | 20 | 50 | 0 | 22.06 | 16.21 | 0.042 |
| 16QAM | 728 | 27460 | 20 | 50 | 24 | 21.97 | 16.12 | 0.041 |
| 16QAM | 728 | 27460 | 20 | 50 | 50 | 22.06 | 16.21 | 0.042 |
| 16QAM | 728 | 27460 | 20 | 100 | 0 | 22.03 | 16.18 | 0.041 |
| 16QAM | 738 | 27560 | 20 | 1 | 0 | 22.97 | 17.12 | 0.052 |
| 16QAM | 738 | 27560 | 20 | 1 | 49 | 23.05 | 17.20 | 0.052 |
| 16QAM | 738 | 27560 | 20 | 1 | 99 | 22.94 | 17.09 | 0.051 |
| 16QAM | 738 | 27560 | 20 | 50 | 0 | 21.86 | 16.01 | 0.040 |
| 16QAM | 738 | 27560 | 20 | 50 | 24 | 21.65 | 15.80 | 0.038 |
| 16QAM | 738 | 27560 | 20 | 50 | 50 | 21.72 | 15.87 | 0.039 |
| 16QAM | 738 | 27560 | 20 | 100 | 0 | 21.91 | 16.06 | 0.040 |
| 64QAM | 713 | 27310 | 20 | 1 | 0 | 22.44 | 16.59 | 0.046 |
| 64QAM | 713 | 27310 | 20 | 1 | 49 | 22.38 | 16.53 | 0.045 |
| 64QAM | 713 | 27310 | 20 | 1 | 99 | 23.21 | 17.36 | 0.054 |
| 64QAM | 713 | 27310 | 20 | 50 | 0 | 20.64 | 14.79 | 0.030 |
| 64QAM | 713 | 27310 | 20 | 50 | 24 | 21.30 | 15.45 | 0.035 |
| 64QAM | 713 | 27310 | 20 | 50 | 50 | 20.70 | 14.85 | 0.031 |
| 64QAM | 713 | 27310 | 20 | 100 | 0 | 21.25 | 15.40 | 0.035 |
| 64QAM | 728 | 27460 | 20 | 1 | 0 | 22.71 | 16.86 | 0.049 |
| 64QAM | 728 | 27460 | 20 | 1 | 49 | 22.76 | 16.91 | 0.049 |
| 64QAM | 728 | 27460 | 20 | 1 | 99 | 22.41 | 16.56 | 0.045 |
| 64QAM | 728 | 27460 | 20 | 50 | 0 | 21.11 | 15.26 | 0.034 |
| 64QAM | 728 | 27460 | 20 | 50 | 24 | 21.08 | 15.23 | 0.033 |
| 64QAM | 728 | 27460 | 20 | 50 | 50 | 20.98 | 15.13 | 0.033 |
| 64QAM | 728 | 27460 | 20 | 100 | 0 | 21.00 | 15.15 | 0.033 |
| 64QAM | 738 | 27560 | 20 | 1 | 0 | 23.73 | 17.88 | 0.061 |
| 64QAM | 738 | 27560 | 20 | 1 | 49 | 23.29 | 17.44 | 0.055 |
| 64QAM | 738 | 27560 | 20 | 1 | 99 | 23.48 | 17.63 | 0.058 |
| 64QAM | 738 | 27560 | 20 | 50 | 0 | 21.10 | 15.25 | 0.033 |
| 64QAM | 738 | 27560 | 20 | 50 | 24 | 21.13 | 15.28 | 0.034 |
| 64QAM | 738 | 27560 | 20 | 50 | 50 | 20.89 | 15.04 | 0.032 |
| 64QAM | 738 | 27560 | 20 | 100 | 0 | 21.10 | 15.25 | 0.033 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK | 713 | 27310 | 20 | 1 | 0 | 23.10 | 17.25 | 0.053 |
| QPSK | 713 | 27310 | 20 | 1 | 49 | 23.06 | 17.21 | 0.053 |
| QPSK | 713 | 27310 | 20 | 1 | 99 | 23.13 | 17.28 | 0.053 |
| QPSK | 713 | 27310 | 20 | 50 | 0 | 22.58 | 16.73 | 0.047 |
| QPSK | 713 | 27310 | 20 | 50 | 24 | 22.83 | 16.98 | 0.050 |
| QPSK | 713 | 27310 | 20 | 50 | 50 | 22.76 | 16.91 | 0.049 |
| QPSK | 713 | 27310 | 20 | 100 | 0 | 22.75 | 16.90 | 0.049 |
| QPSK | 728 | 27460 | 20 | 1 | 0 | 23.64 | 17.79 | 0.060 |
| QPSK | 728 | 27460 | 20 | 1 | 49 | 23.39 | 17.54 | 0.057 |
| QPSK | 728 | 27460 | 20 | 1 | 99 | 23.45 | 17.60 | 0.058 |
| QPSK | 728 | 27460 | 20 | 50 | 0 | 22.72 | 16.87 | 0.049 |
| QPSK | 728 | 27460 | 20 | 50 | 24 | 23.08 | 17.23 | 0.053 |
| QPSK | 728 | 27460 | 20 | 50 | 50 | 23.18 | 17.33 | 0.054 |
| QPSK | 728 | 27460 | 20 | 100 | 0 | 23.09 | 17.24 | 0.053 |
| QPSK | 738 | 27560 | 20 | 1 | 0 | 23.23 | 17.38 | 0.055 |
| QPSK | 738 | 27560 | 20 | 1 | 49 | 23.33 | 17.48 | 0.056 |
| QPSK | 738 | 27560 | 20 | 1 | 99 | 23.27 | 17.42 | 0.055 |
| QPSK | 738 | 27560 | 20 | 50 | 0 | 22.99 | 17.14 | 0.052 |
| QPSK | 738 | 27560 | 20 | 50 | 24 | 22.88 | 17.03 | 0.050 |
| QPSK | 738 | 27560 | 20 | 50 | 50 | 22.76 | 16.91 | 0.049 |
| QPSK | 738 | 27560 | 20 | 100 | 0 | 22.95 | 17.10 | 0.051 |