

Fig.7

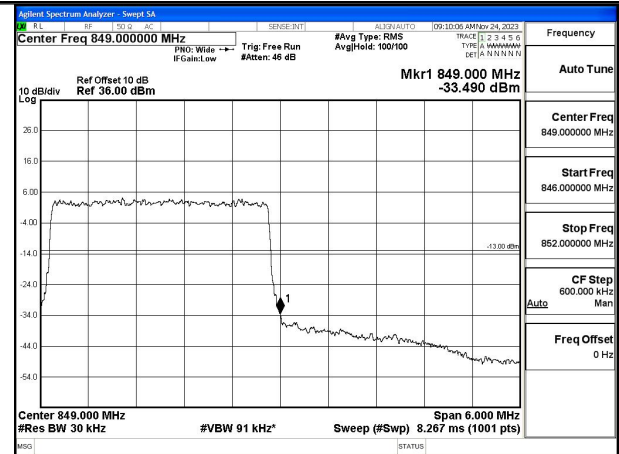


Fig.8

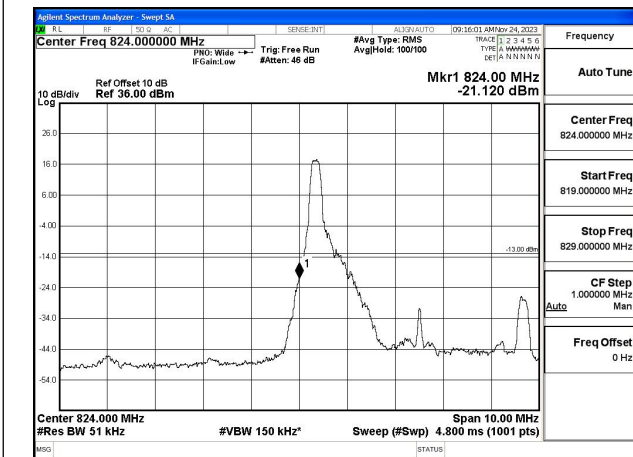


Fig.9

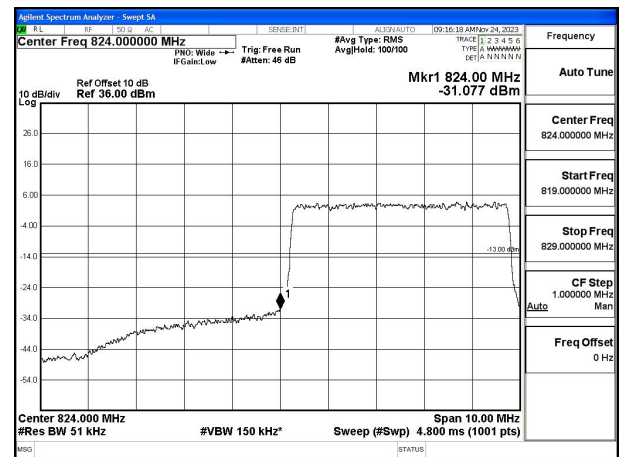


Fig.10

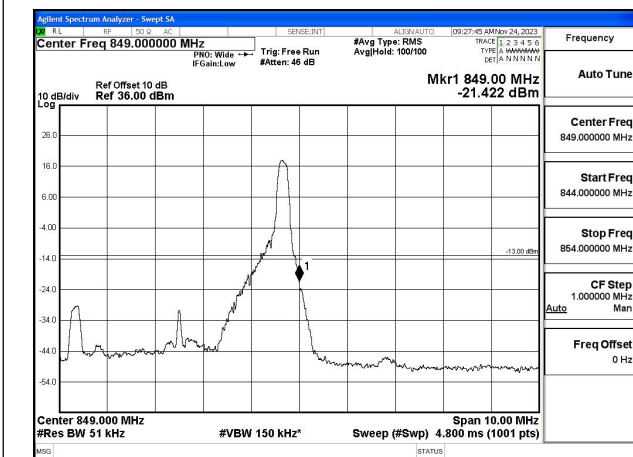


Fig.11

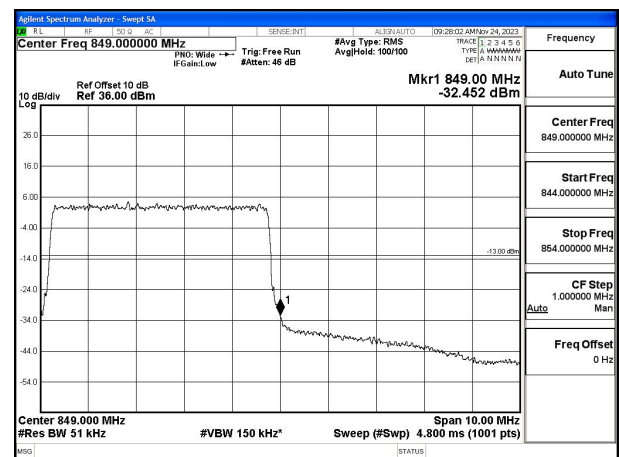


Fig.12

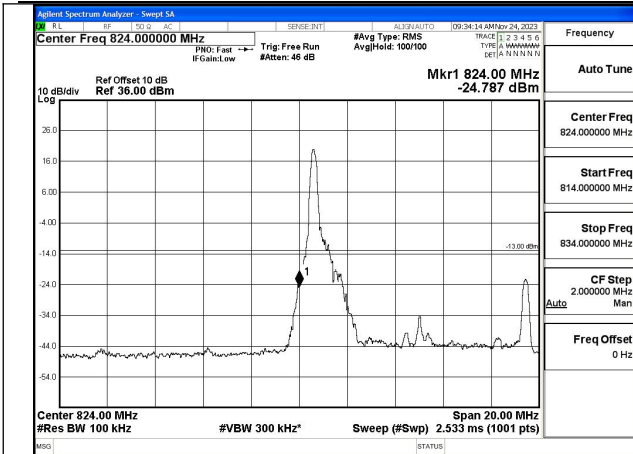


Fig.13

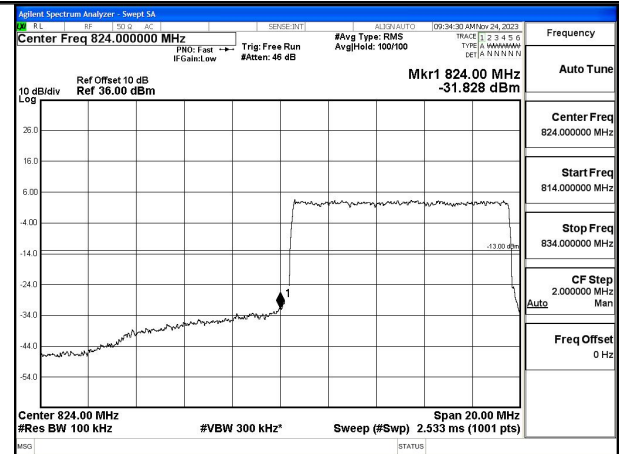


Fig.14

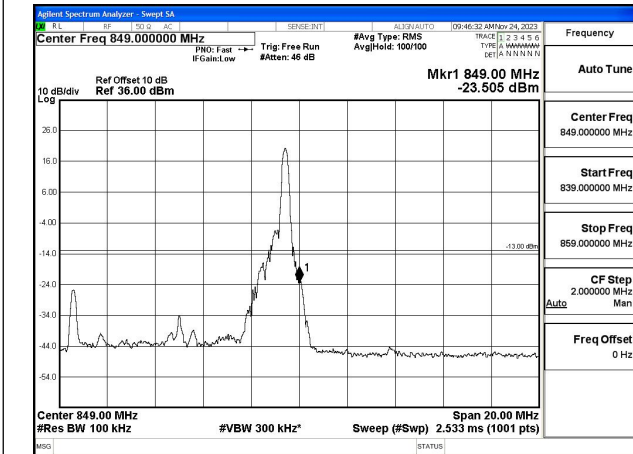


Fig.15

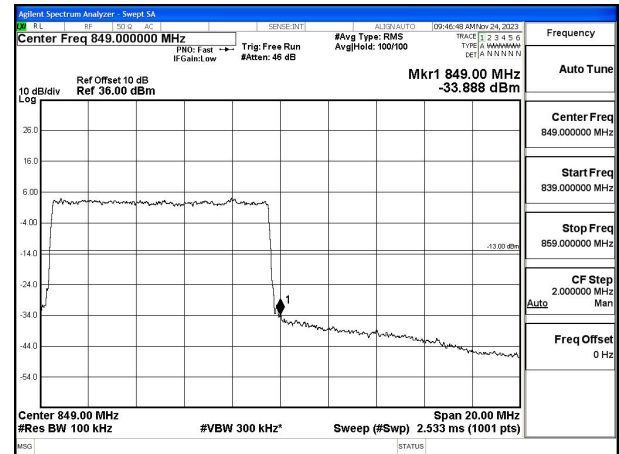


Fig.16

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 5 Low Channel QPSK |        |        |        |
|-----------------|---------|---|--------|--------|--------|
|                 |         | 1.4M                                      | 3M     | 5M     | 10M    |
| 0               | NV      | -0.006                                    | -0.011 | -0.008 | -0.011 |
| +10             | NV      | -0.010                                    | -0.011 | -0.011 | -0.016 |
| +20             | NV      | -0.014                                    | -0.009 | -0.008 | -0.006 |
| +30             | NV      | -0.013                                    | -0.010 | -0.015 | 0.005  |
| +45             | NV      | -0.011                                    | -0.011 | -0.007 | -0.012 |
| +20             | LV      | -0.011                                    | -0.012 | -0.002 | -0.008 |
| +20             | HV      | -0.009                                    | -0.009 | 0.001  | -0.004 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 5 High Channel QPSK |        |        |        |
|-----------------|---------|--|--------|--------|--------|
|                 |         | 1.4M                                       | 3M     | 5M     | 10M    |
| 0               | NV      | -0.013                                     | 0.002  | -0.013 | -0.006 |
| +10             | NV      | -0.011                                     | -0.003 | -0.005 | -0.004 |
| +20             | NV      | -0.009                                     | -0.010 | -0.011 | -0.014 |
| +30             | NV      | -0.010                                     | -0.002 | -0.017 | -0.008 |
| +45             | NV      | -0.011                                     | -0.008 | -0.010 | -0.010 |
| +20             | LV      | -0.009                                     | -0.011 | -0.002 | -0.015 |
| +20             | HV      | -0.006                                     | -0.008 | -0.006 | -0.016 |

### 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       | 824.7                   | 20407      | 1.4 | 1       | 0         | 23.10                 | 17.42           | 0.055         |
| QPSK       | 824.7                   | 20407      | 1.4 | 1       | 3         | 23.28                 | 17.60           | 0.058         |
| QPSK       | 824.7                   | 20407      | 1.4 | 1       | 5         | 23.10                 | 17.42           | 0.055         |
| QPSK       | 824.7                   | 20407      | 1.4 | 3       | 0         | 23.23                 | 17.55           | 0.057         |
| QPSK       | 824.7                   | 20407      | 1.4 | 3       | 1         | 23.16                 | 17.48           | 0.056         |
| QPSK       | 824.7                   | 20407      | 1.4 | 3       | 3         | 23.14                 | 17.46           | 0.056         |
| QPSK       | 824.7                   | 20407      | 1.4 | 6       | 0         | 22.19                 | 16.51           | 0.045         |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 0         | 23.09                 | 17.41           | 0.055         |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 3         | 23.20                 | 17.52           | 0.056         |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 5         | 23.07                 | 17.39           | 0.055         |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 0         | 23.21                 | 17.53           | 0.057         |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 1         | 23.20                 | 17.52           | 0.056         |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 3         | 23.19                 | 17.51           | 0.056         |
| QPSK       | 836.5                   | 20525      | 1.4 | 6       | 0         | 22.17                 | 16.49           | 0.045         |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 0         | 23.17                 | 17.49           | 0.056         |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 3         | 23.27                 | 17.59           | 0.057         |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 5         | 23.17                 | 17.49           | 0.056         |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 0         | 23.17                 | 17.49           | 0.056         |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 1         | 23.29                 | 17.61           | 0.058         |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 3         | 23.23                 | 17.55           | 0.057         |
| QPSK       | 848.3                   | 20643      | 1.4 | 6       | 0         | 22.25                 | 16.57           | 0.045         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 0         | 22.05                 | 16.37           | 0.043         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 22.32                 | 16.64           | 0.046         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 22.11                 | 16.43           | 0.044         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 22.08                 | 16.40           | 0.044         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 22.16                 | 16.48           | 0.044         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 22.09                 | 16.41           | 0.044         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 21.26                 | 15.58           | 0.036         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 22.27                 | 16.59           | 0.046         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 22.45                 | 16.77           | 0.048         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 22.33                 | 16.65           | 0.046         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 22.16                 | 16.48           | 0.044         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 22.24                 | 16.56           | 0.045         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 22.12                 | 16.44           | 0.044         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 21.32                 | 15.64           | 0.037         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 22.40                 | 16.72           | 0.047         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 22.70                 | 17.02           | 0.050         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 22.45                 | 16.77           | 0.048         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 22.10                 | 16.42           | 0.044         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 22.26                 | 16.58           | 0.045         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 22.22                 | 16.54           | 0.045         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 6       | 0         | 21.31                 | 15.63           | 0.037         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 0         | 21.36                 | 15.68           | 0.037         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 21.58                 | 15.90           | 0.039         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 21.43                 | 15.75           | 0.038         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 21.59                 | 15.91           | 0.039         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 21.47                 | 15.79           | 0.038         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 21.51                 | 15.83           | 0.038         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 20.07                 | 14.39           | 0.027         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 21.31                 | 15.63           | 0.037         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 21.55                 | 15.87           | 0.039         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 21.29                 | 15.61           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 21.25                 | 15.57           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 21.30                 | 15.62           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 21.29                 | 15.61           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 20.46                 | 14.78           | 0.030         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 21.39                 | 15.71           | 0.037         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 21.58                 | 15.90           | 0.039         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 21.48                 | 15.80           | 0.038         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 21.20                 | 15.52           | 0.036         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 21.19                 | 15.51           | 0.036         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 21.19                 | 15.51           | 0.036         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 6       | 0         | 20.39                 | 14.71           | 0.030         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 825.5                   | 20415      | 3  | 1       | 0         | 23.06                 | 17.38           | 0.055         |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 8         | 23.08                 | 17.40           | 0.055         |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 14        | 23.13                 | 17.45           | 0.056         |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 0         | 22.04                 | 16.36           | 0.043         |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 4         | 22.15                 | 16.47           | 0.044         |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 7         | 22.17                 | 16.49           | 0.045         |
| QPSK       | 825.5                   | 20415      | 3  | 15      | 0         | 22.12                 | 16.44           | 0.044         |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 0         | 23.16                 | 17.48           | 0.056         |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 8         | 23.17                 | 17.49           | 0.056         |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 14        | 23.21                 | 17.53           | 0.057         |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 0         | 22.15                 | 16.47           | 0.044         |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 4         | 22.24                 | 16.56           | 0.045         |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 7         | 22.19                 | 16.51           | 0.045         |
| QPSK       | 836.5                   | 20525      | 3  | 15      | 0         | 22.21                 | 16.53           | 0.045         |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 0         | 23.18                 | 17.50           | 0.056         |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 8         | 23.19                 | 17.51           | 0.056         |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 14        | 23.24                 | 17.56           | 0.057         |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 0         | 22.19                 | 16.51           | 0.045         |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 4         | 22.33                 | 16.65           | 0.046         |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 7         | 22.21                 | 16.53           | 0.045         |
| QPSK       | 847.5                   | 20635      | 3  | 15      | 0         | 22.28                 | 16.60           | 0.046         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 22.55                 | 16.87           | 0.049         |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 22.64                 | 16.96           | 0.050         |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 22.68                 | 17.00           | 0.050         |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 21.08                 | 15.40           | 0.035         |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 21.20                 | 15.52           | 0.036         |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 21.17                 | 15.49           | 0.035         |
| 16QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 21.10                 | 15.42           | 0.035         |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 22.43                 | 16.75           | 0.047         |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 22.32                 | 16.64           | 0.046         |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 22.39                 | 16.71           | 0.047         |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 21.04                 | 15.36           | 0.034         |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 21.23                 | 15.55           | 0.036         |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 21.17                 | 15.49           | 0.035         |
| 16QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 21.19                 | 15.51           | 0.036         |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 22.49                 | 16.81           | 0.048         |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 22.45                 | 16.77           | 0.048         |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 22.39                 | 16.71           | 0.047         |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 21.22                 | 15.54           | 0.036         |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 21.32                 | 15.64           | 0.037         |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 21.27                 | 15.59           | 0.036         |
| 16QAM      | 847.5                   | 20635      | 3  | 15      | 0         | 21.28                 | 15.60           | 0.036         |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 21.43                 | 15.75           | 0.038         |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 21.40                 | 15.72           | 0.037         |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 21.53                 | 15.85           | 0.038         |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 20.07                 | 14.39           | 0.027         |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 20.21                 | 14.53           | 0.028         |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 20.18                 | 14.50           | 0.028         |
| 64QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 20.07                 | 14.39           | 0.027         |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 21.23                 | 15.55           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 21.32                 | 15.64           | 0.037         |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 21.38                 | 15.70           | 0.037         |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 20.17                 | 14.49           | 0.028         |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 20.25                 | 14.57           | 0.029         |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 20.16                 | 14.48           | 0.028         |
| 64QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 20.15                 | 14.47           | 0.028         |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 21.44                 | 15.76           | 0.038         |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 21.45                 | 15.77           | 0.038         |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 21.36                 | 15.68           | 0.037         |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 20.21                 | 14.53           | 0.028         |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 20.19                 | 14.51           | 0.028         |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 20.10                 | 14.42           | 0.028         |
| 64QAM      | 847.5                   | 20635      | 3  | 15      | 0         | 20.26                 | 14.58           | 0.029         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 826.5                   | 20425      | 5  | 1       | 0         | 22.88                 | 17.20           | 0.052         |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 12        | 23.18                 | 17.50           | 0.056         |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 24        | 22.95                 | 17.27           | 0.053         |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 0         | 22.02                 | 16.34           | 0.043         |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 7         | 22.08                 | 16.40           | 0.044         |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 13        | 22.14                 | 16.46           | 0.044         |
| QPSK       | 826.5                   | 20425      | 5  | 25      | 0         | 22.11                 | 16.43           | 0.044         |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 0         | 23.12                 | 17.44           | 0.055         |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 12        | 23.36                 | 17.68           | 0.059         |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 24        | 23.13                 | 17.45           | 0.056         |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 0         | 22.18                 | 16.50           | 0.045         |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 7         | 22.24                 | 16.56           | 0.045         |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 13        | 22.22                 | 16.54           | 0.045         |
| QPSK       | 836.5                   | 20525      | 5  | 25      | 0         | 22.20                 | 16.52           | 0.045         |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 0         | 23.15                 | 17.47           | 0.056         |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 12        | 23.41                 | 17.73           | 0.059         |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 24        | 23.19                 | 17.51           | 0.056         |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 0         | 22.22                 | 16.54           | 0.045         |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 7         | 22.32                 | 16.64           | 0.046         |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 13        | 22.30                 | 16.62           | 0.046         |
| QPSK       | 846.5                   | 20625      | 5  | 25      | 0         | 22.21                 | 16.53           | 0.045         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 22.10                 | 16.42           | 0.044         |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 22.35                 | 16.67           | 0.046         |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 22.22                 | 16.54           | 0.045         |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 21.01                 | 15.33           | 0.034         |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 21.06                 | 15.38           | 0.035         |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 21.09                 | 15.41           | 0.035         |
| 16QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 21.09                 | 15.41           | 0.035         |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 22.45                 | 16.77           | 0.048         |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 22.70                 | 17.02           | 0.050         |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 22.47                 | 16.79           | 0.048         |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 21.10                 | 15.42           | 0.035         |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 21.18                 | 15.50           | 0.035         |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 21.16                 | 15.48           | 0.035         |
| 16QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 21.11                 | 15.43           | 0.035         |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 22.38                 | 16.70           | 0.047         |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 22.65                 | 16.97           | 0.050         |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 22.44                 | 16.76           | 0.047         |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 21.16                 | 15.48           | 0.035         |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 21.25                 | 15.57           | 0.036         |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 21.20                 | 15.52           | 0.036         |
| 16QAM      | 846.5                   | 20625      | 5  | 25      | 0         | 21.26                 | 15.58           | 0.036         |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 20.98                 | 15.30           | 0.034         |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 21.26                 | 15.58           | 0.036         |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 21.13                 | 15.45           | 0.035         |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 20.07                 | 14.39           | 0.027         |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 20.14                 | 14.46           | 0.028         |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 20.16                 | 14.48           | 0.028         |
| 64QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 20.07                 | 14.39           | 0.027         |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 21.36                 | 15.68           | 0.037         |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 21.60                 | 15.92           | 0.039         |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 21.38                 | 15.70           | 0.037         |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 20.10                 | 14.42           | 0.028         |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 20.15                 | 14.47           | 0.028         |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 20.20                 | 14.52           | 0.028         |
| 64QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 20.13                 | 14.45           | 0.028         |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 21.39                 | 15.71           | 0.037         |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 21.63                 | 15.95           | 0.039         |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 21.37                 | 15.69           | 0.037         |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 20.29                 | 14.61           | 0.029         |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 20.34                 | 14.66           | 0.029         |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 20.23                 | 14.55           | 0.029         |
| 64QAM      | 846.5                   | 20625      | 5  | 25      | 0         | 20.24                 | 14.56           | 0.029         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 829                     | 20450      | 10 | 1       | 0         | 23.06                 | 17.38           | 0.055         |
| QPSK       | 829                     | 20450      | 10 | 1       | 25        | 23.27                 | 17.59           | 0.057         |
| QPSK       | 829                     | 20450      | 10 | 1       | 49        | 23.13                 | 17.45           | 0.056         |
| QPSK       | 829                     | 20450      | 10 | 25      | 0         | 22.12                 | 16.44           | 0.044         |
| QPSK       | 829                     | 20450      | 10 | 25      | 12        | 22.14                 | 16.46           | 0.044         |
| QPSK       | 829                     | 20450      | 10 | 25      | 25        | 22.22                 | 16.54           | 0.045         |
| QPSK       | 829                     | 20450      | 10 | 50      | 0         | 22.15                 | 16.47           | 0.044         |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 0         | 23.20                 | 17.52           | 0.056         |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 25        | 23.36                 | 17.68           | 0.059         |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 49        | 23.17                 | 17.49           | 0.056         |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 0         | 22.23                 | 16.55           | 0.045         |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 12        | 22.18                 | 16.50           | 0.045         |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 25        | 22.27                 | 16.59           | 0.046         |
| QPSK       | 836.5                   | 20525      | 10 | 50      | 0         | 22.19                 | 16.51           | 0.045         |
| QPSK       | 844                     | 20600      | 10 | 1       | 0         | 23.19                 | 17.51           | 0.056         |
| QPSK       | 844                     | 20600      | 10 | 1       | 25        | 23.42                 | 17.74           | 0.059         |
| QPSK       | 844                     | 20600      | 10 | 1       | 49        | 23.18                 | 17.50           | 0.056         |
| QPSK       | 844                     | 20600      | 10 | 25      | 0         | 22.28                 | 16.60           | 0.046         |
| QPSK       | 844                     | 20600      | 10 | 25      | 12        | 22.31                 | 16.63           | 0.046         |
| QPSK       | 844                     | 20600      | 10 | 25      | 25        | 22.27                 | 16.59           | 0.046         |
| QPSK       | 844                     | 20600      | 10 | 50      | 0         | 22.26                 | 16.58           | 0.045         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 829                     | 20450      | 10 | 1       | 0         | 22.55                 | 16.87           | 0.049         |
| 16QAM      | 829                     | 20450      | 10 | 1       | 25        | 22.83                 | 17.15           | 0.052         |
| 16QAM      | 829                     | 20450      | 10 | 1       | 49        | 22.71                 | 17.03           | 0.050         |
| 16QAM      | 829                     | 20450      | 10 | 25      | 0         | 21.13                 | 15.45           | 0.035         |
| 16QAM      | 829                     | 20450      | 10 | 25      | 12        | 21.20                 | 15.52           | 0.036         |
| 16QAM      | 829                     | 20450      | 10 | 25      | 25        | 21.19                 | 15.51           | 0.036         |
| 16QAM      | 829                     | 20450      | 10 | 50      | 0         | 21.20                 | 15.52           | 0.036         |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 22.41                 | 16.73           | 0.047         |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 22.52                 | 16.84           | 0.048         |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 22.37                 | 16.69           | 0.047         |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 21.21                 | 15.53           | 0.036         |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 21.21                 | 15.53           | 0.036         |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 21.27                 | 15.59           | 0.036         |
| 16QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 21.23                 | 15.55           | 0.036         |
| 16QAM      | 844                     | 20600      | 10 | 1       | 0         | 22.40                 | 16.72           | 0.047         |
| 16QAM      | 844                     | 20600      | 10 | 1       | 25        | 22.56                 | 16.88           | 0.049         |
| 16QAM      | 844                     | 20600      | 10 | 1       | 49        | 22.47                 | 16.79           | 0.048         |
| 16QAM      | 844                     | 20600      | 10 | 25      | 0         | 21.33                 | 15.65           | 0.037         |
| 16QAM      | 844                     | 20600      | 10 | 25      | 12        | 21.36                 | 15.68           | 0.037         |
| 16QAM      | 844                     | 20600      | 10 | 25      | 25        | 21.34                 | 15.66           | 0.037         |
| 16QAM      | 844                     | 20600      | 10 | 50      | 0         | 21.28                 | 15.60           | 0.036         |
| 64QAM      | 829                     | 20450      | 10 | 1       | 0         | 21.38                 | 15.70           | 0.037         |
| 64QAM      | 829                     | 20450      | 10 | 1       | 25        | 21.67                 | 15.99           | 0.040         |
| 64QAM      | 829                     | 20450      | 10 | 1       | 49        | 21.50                 | 15.82           | 0.038         |
| 64QAM      | 829                     | 20450      | 10 | 25      | 0         | 20.25                 | 14.57           | 0.029         |
| 64QAM      | 829                     | 20450      | 10 | 25      | 12        | 20.29                 | 14.61           | 0.029         |
| 64QAM      | 829                     | 20450      | 10 | 25      | 25        | 20.20                 | 14.52           | 0.028         |
| 64QAM      | 829                     | 20450      | 10 | 50      | 0         | 20.23                 | 14.55           | 0.029         |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 21.33                 | 15.65           | 0.037         |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 21.46                 | 15.78           | 0.038         |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 21.28                 | 15.60           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 20.26                 | 14.58           | 0.029         |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 20.23                 | 14.55           | 0.029         |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 20.26                 | 14.58           | 0.029         |
| 64QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 20.32                 | 14.64           | 0.029         |
| 64QAM      | 844                     | 20600      | 10 | 1       | 0         | 21.33                 | 15.65           | 0.037         |
| 64QAM      | 844                     | 20600      | 10 | 1       | 25        | 21.58                 | 15.90           | 0.039         |
| 64QAM      | 844                     | 20600      | 10 | 1       | 49        | 21.47                 | 15.79           | 0.038         |
| 64QAM      | 844                     | 20600      | 10 | 25      | 0         | 20.40                 | 14.72           | 0.030         |
| 64QAM      | 844                     | 20600      | 10 | 25      | 12        | 20.41                 | 14.73           | 0.030         |
| 64QAM      | 844                     | 20600      | 10 | 25      | 25        | 20.37                 | 14.69           | 0.029         |
| 64QAM      | 844                     | 20600      | 10 | 50      | 0         | 20.28                 | 14.60           | 0.029         |

