

Fig.61

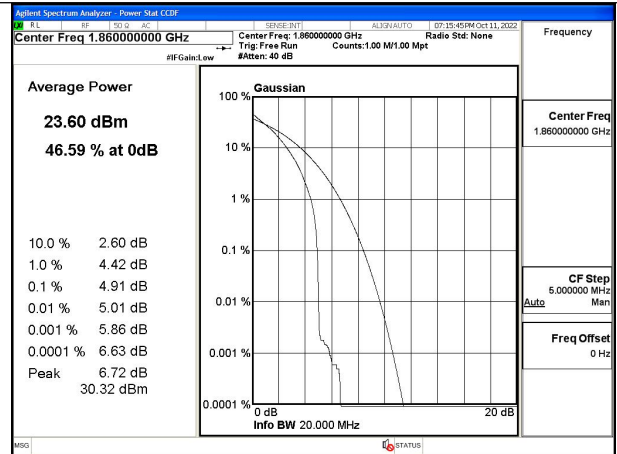


Fig.62

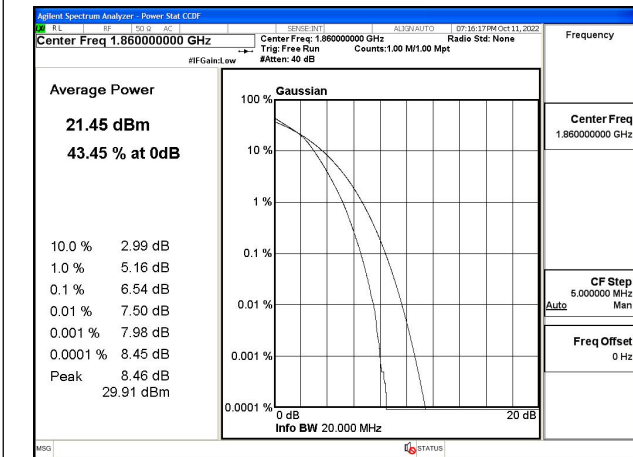


Fig.63

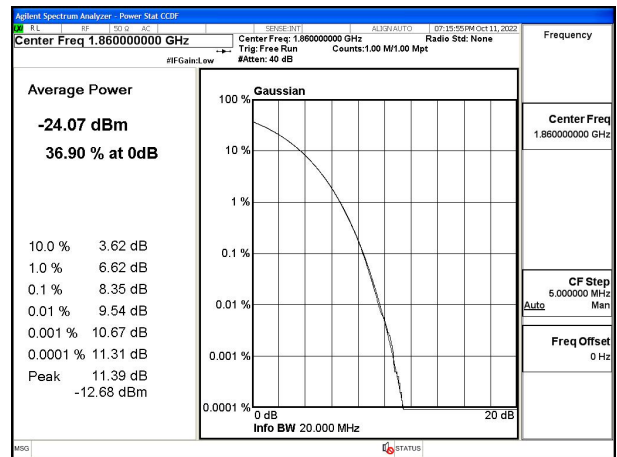


Fig.64

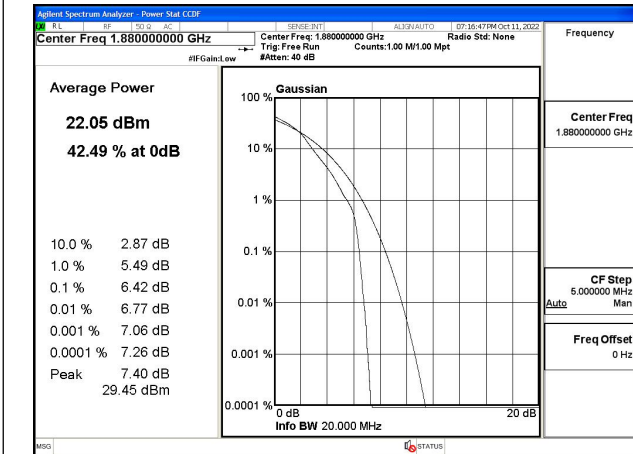


Fig.65

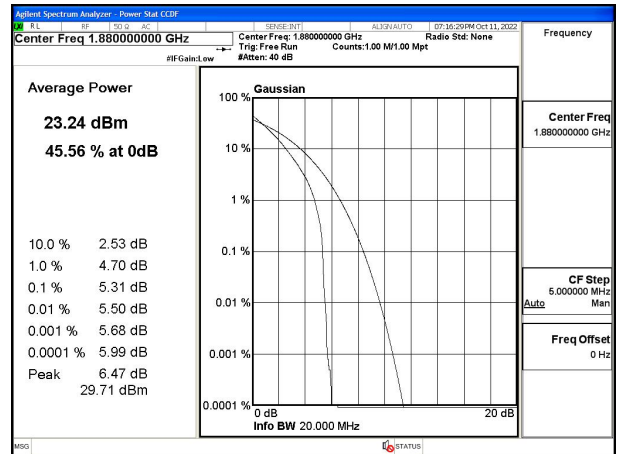


Fig.66

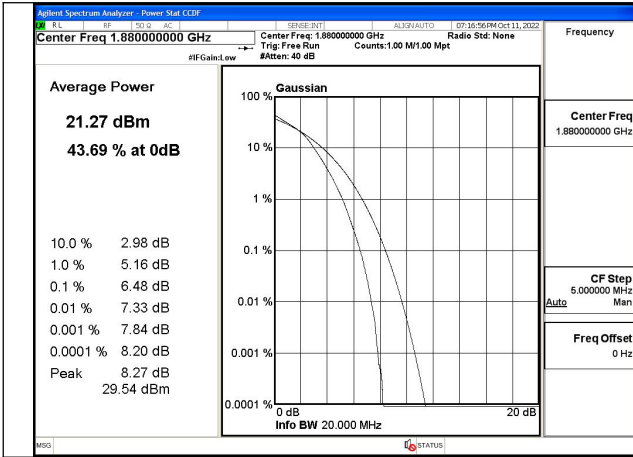


Fig.67

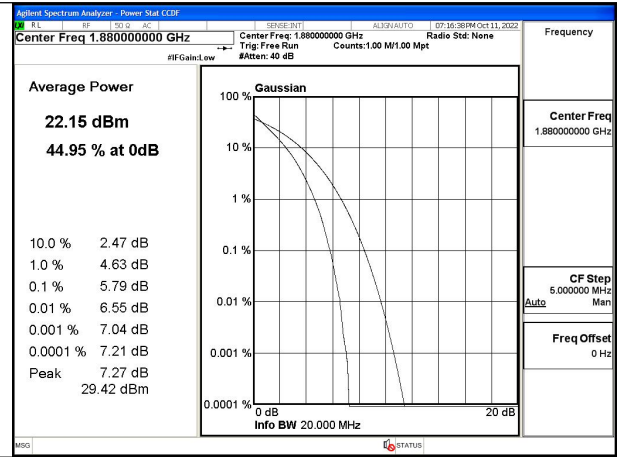


Fig.68

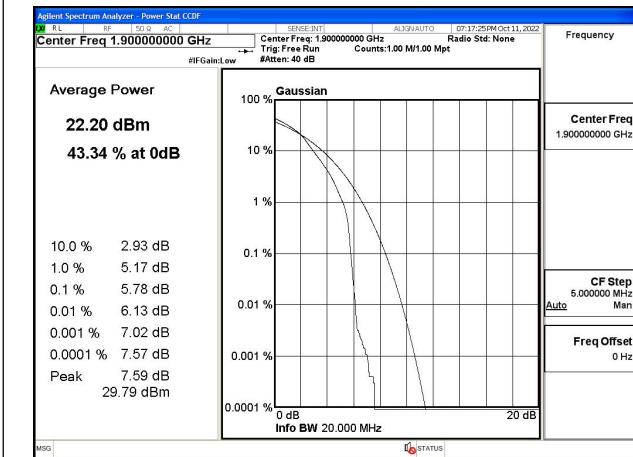


Fig.69

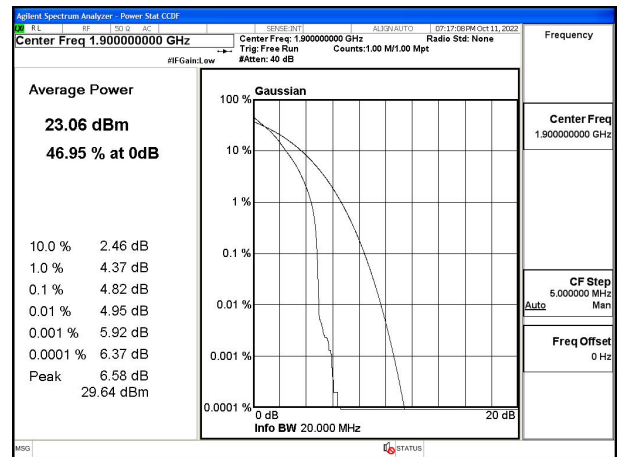


Fig.70

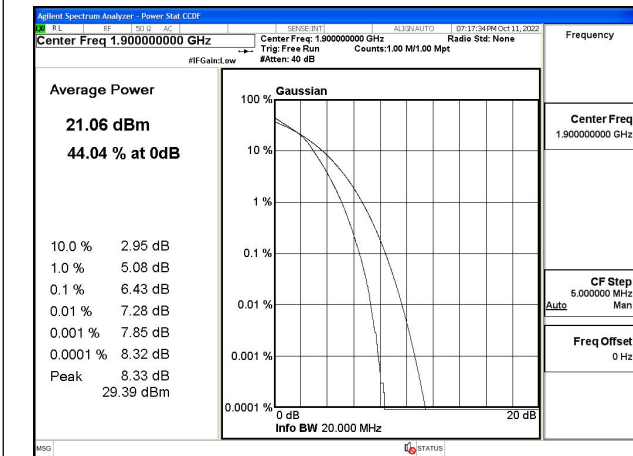


Fig.71

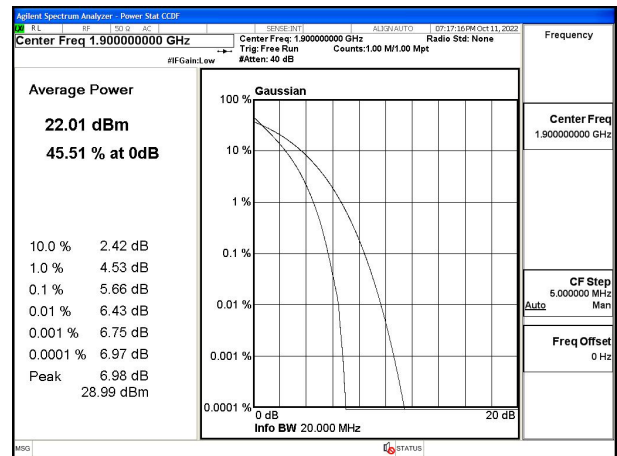


Fig.72

**5 Spurious Emissions at antenna terminal**

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

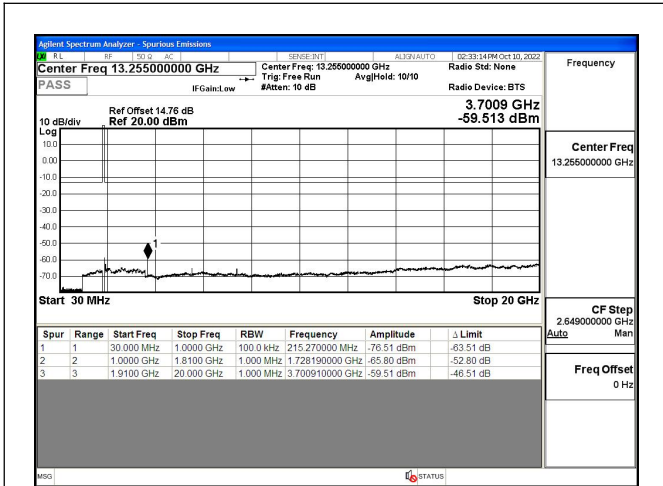


Fig.1

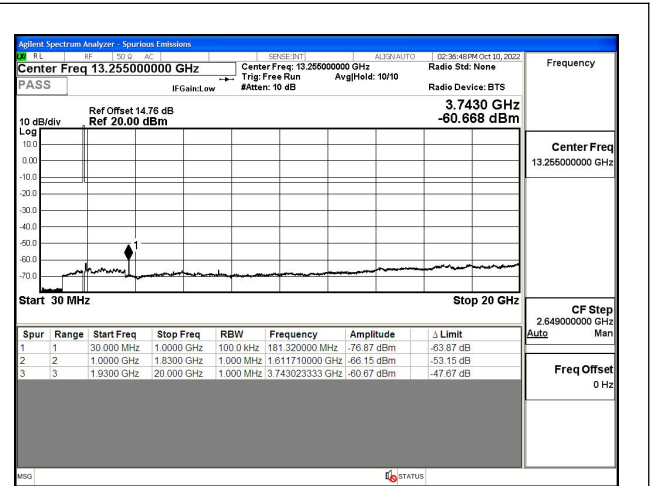


Fig.2

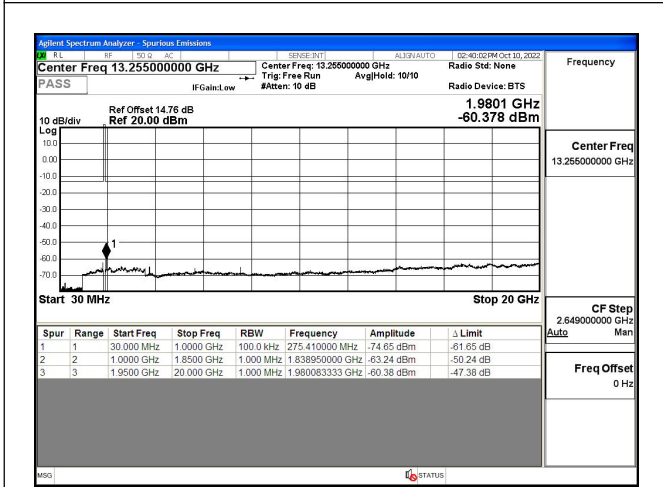


Fig.3

## 6 Band Edges Compliance

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

Test Mode: QPSK

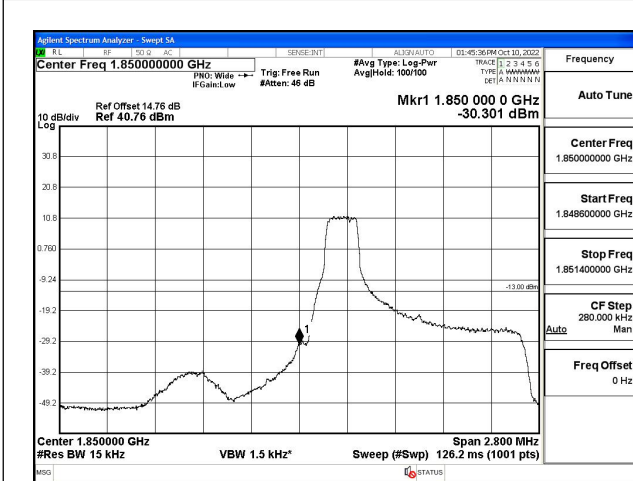


Fig.1

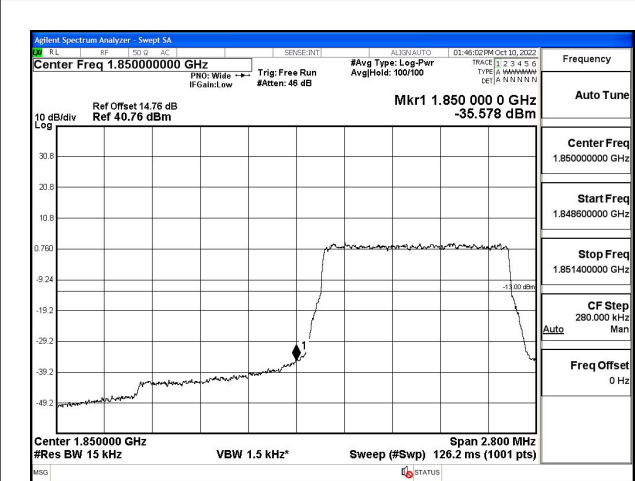


Fig.2

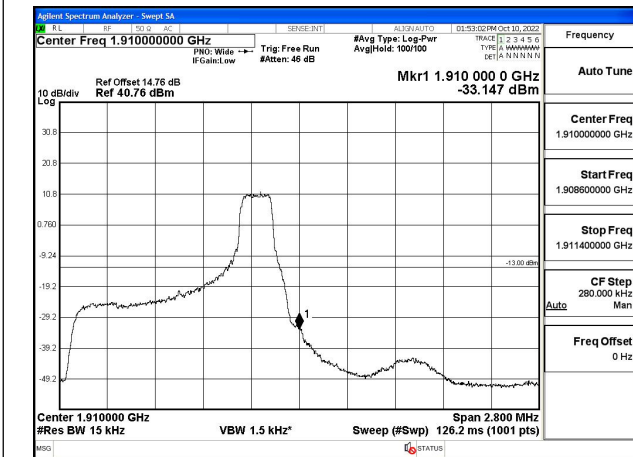


Fig.3

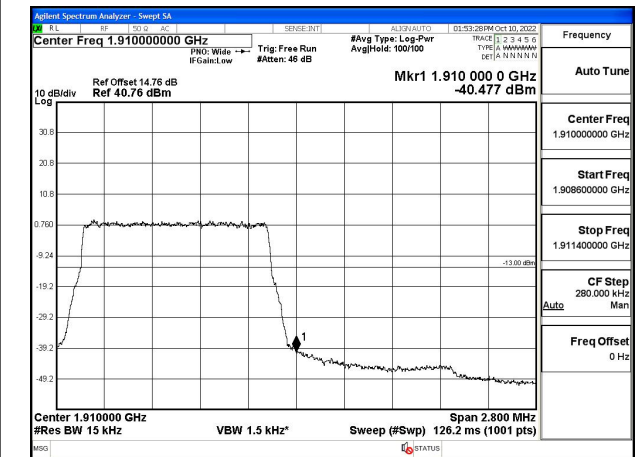


Fig.4

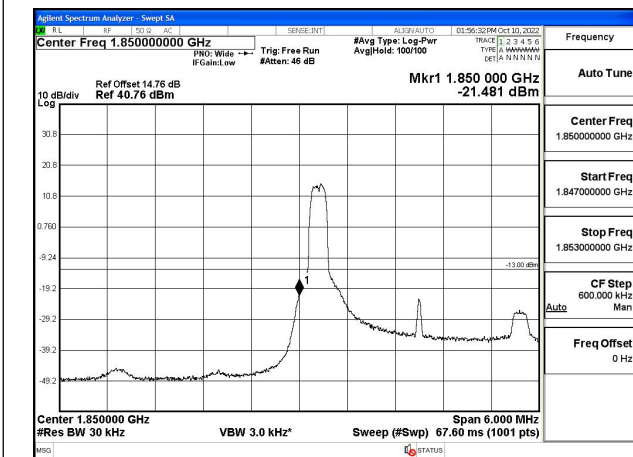


Fig.5

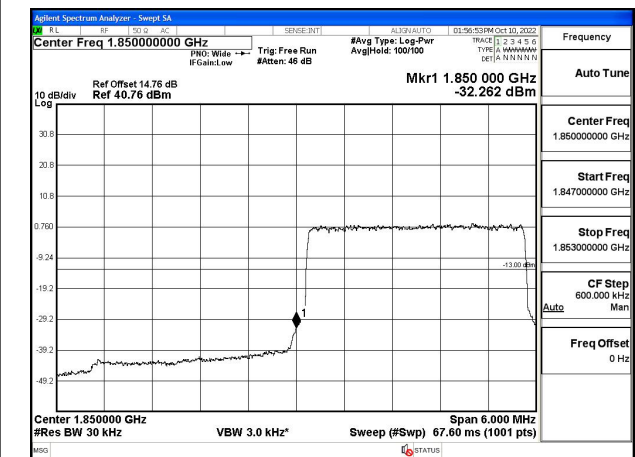


Fig.6

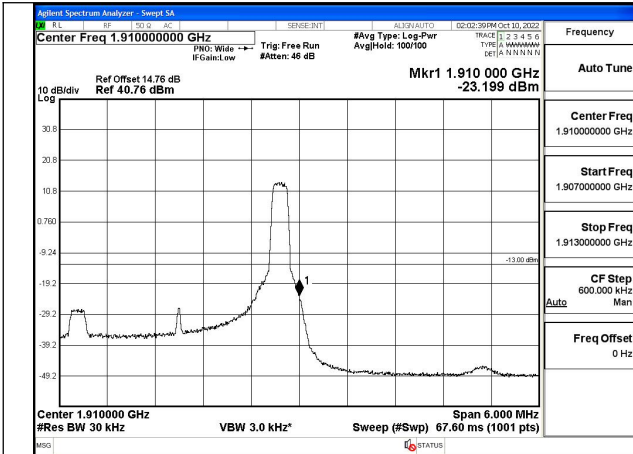


Fig.7

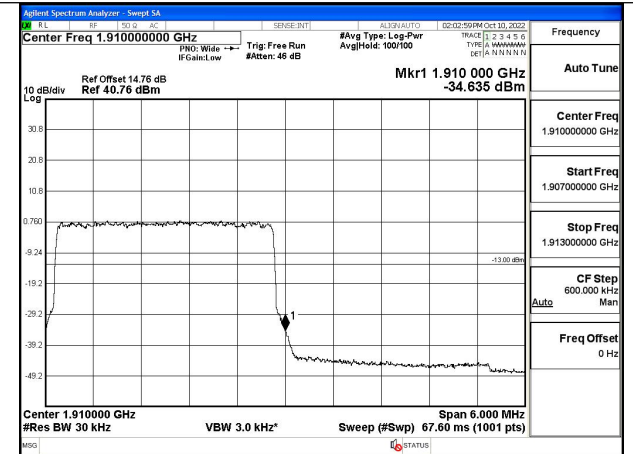


Fig.8

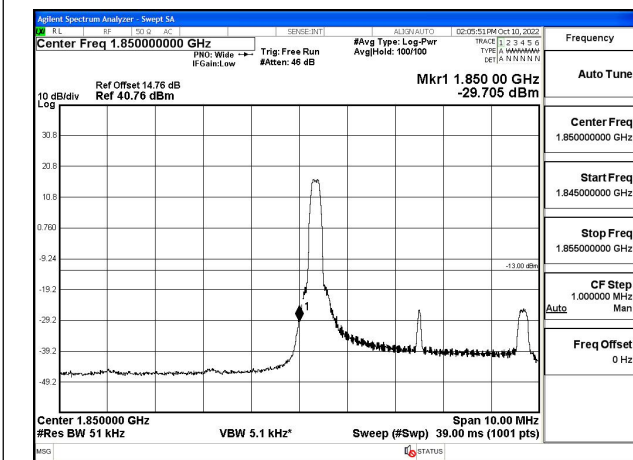


Fig.9

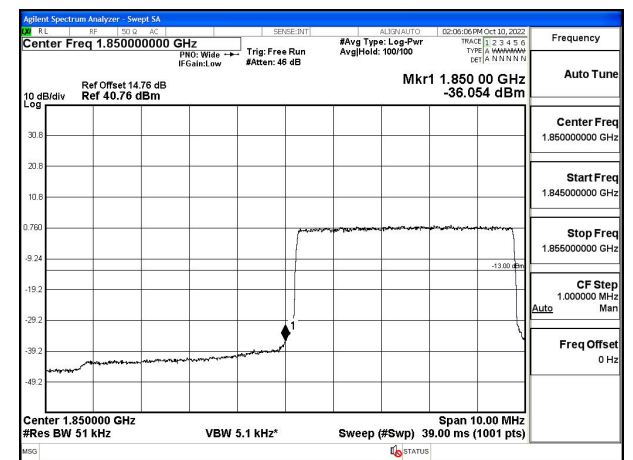


Fig.10

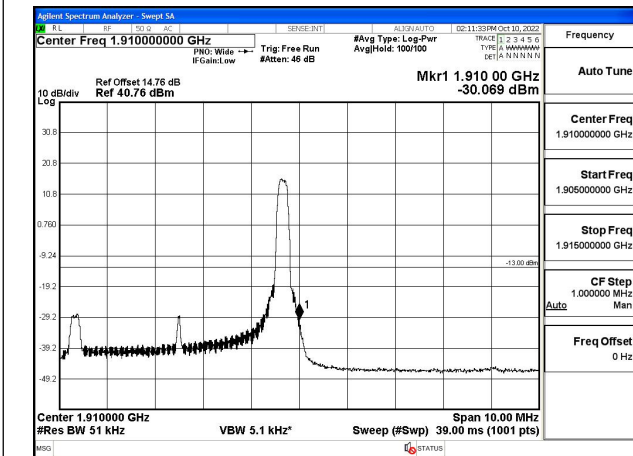


Fig.11

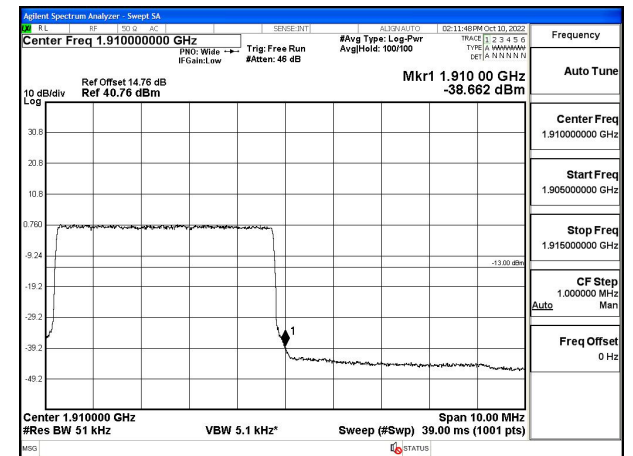


Fig.12

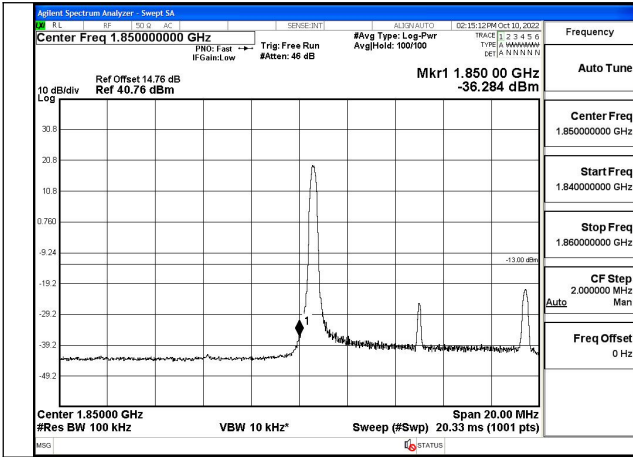


Fig. 13

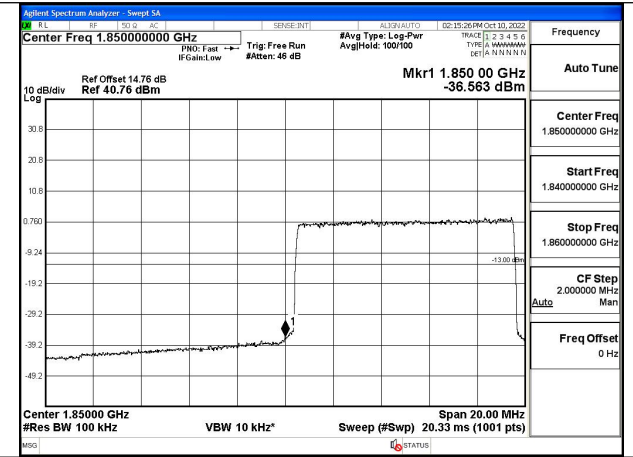


Fig. 14

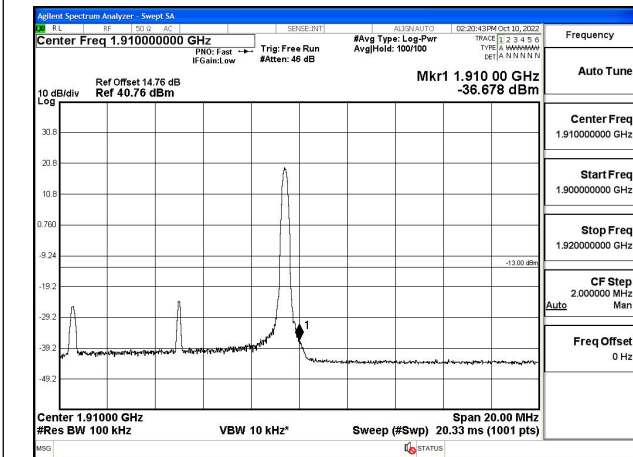


Fig. 15

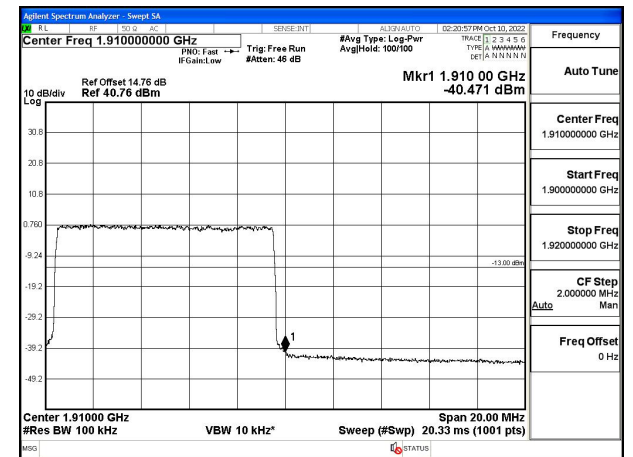


Fig. 16

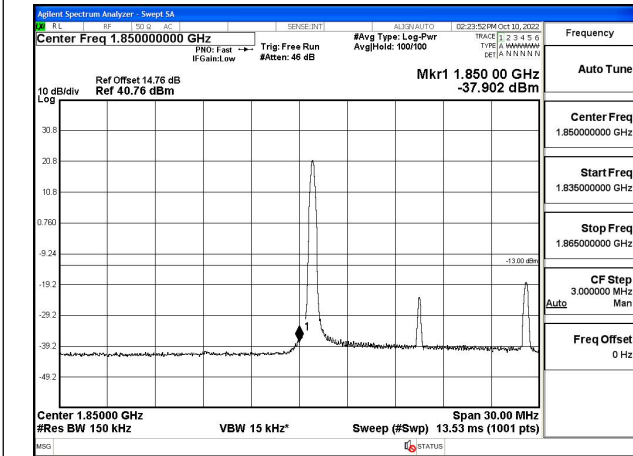


Fig. 17

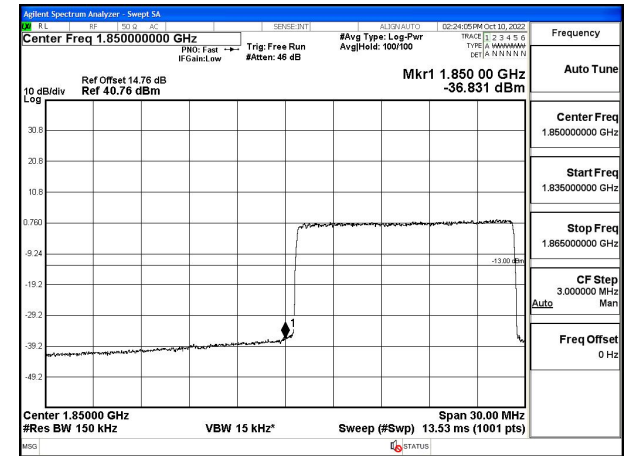


Fig. 18

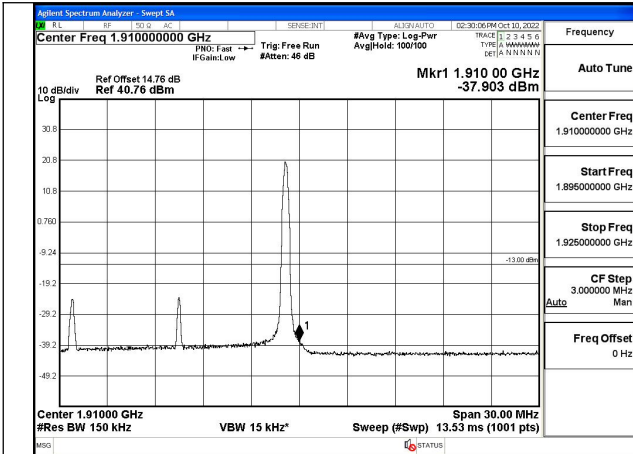


Fig.19

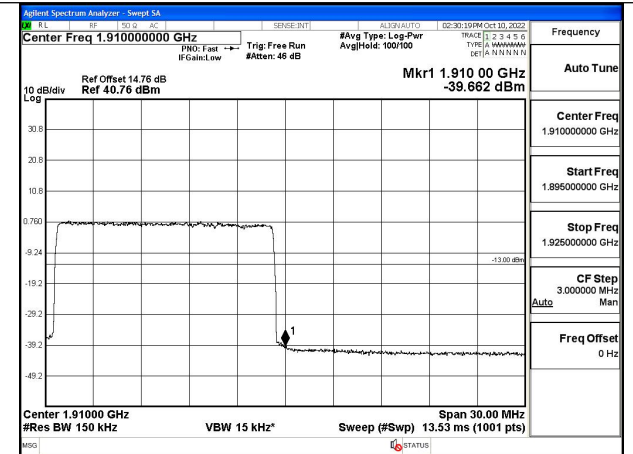


Fig.20

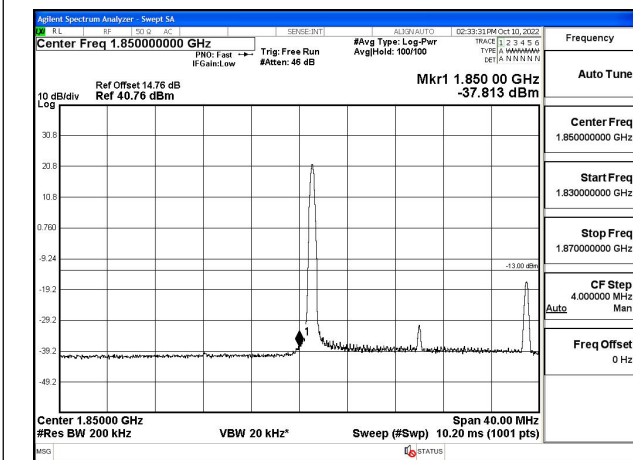


Fig.21

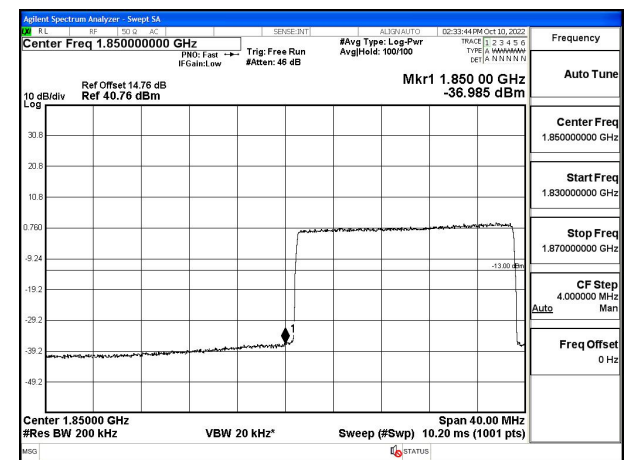


Fig.22

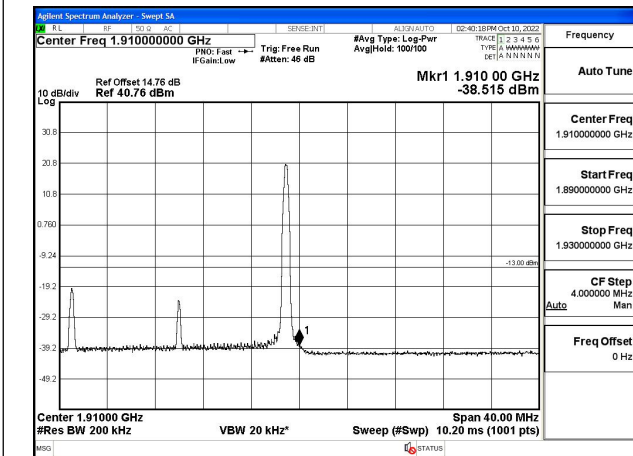


Fig.23

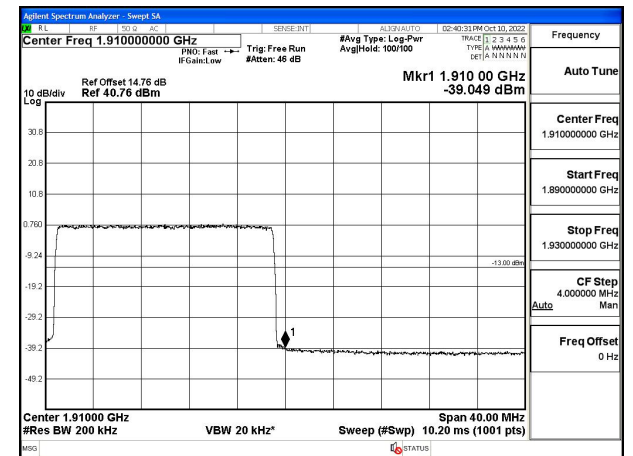


Fig.24



## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 2 Low Channel QPSK |        |        |        |        |        |
|-----------------|---------|---|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                      | 3M     | 5M     | 10M    | 15M    | 20M    |
| -20             | NV      | 0.010                                     | 0.002  | 0.003  | 0.007  | -0.002 | -0.006 |
| -10             | NV      | 0.004                                     | 0.007  | -0.002 | 0.004  | 0.018  | 0.007  |
| 0               | NV      | 0.006                                     | 0.004  | 0.006  | 0.003  | 0.004  | 0.007  |
| +10             | NV      | -0.003                                    | 0.011  | 0.008  | 0.003  | 0.001  | 0.005  |
| +20             | NV      | -0.004                                    | 0.003  | 0.002  | 0.007  | 0.009  | 0.001  |
| +30             | NV      | -0.003                                    | 0.003  | 0.005  | 0.003  | -0.003 | 0.008  |
| +40             | NV      | -0.003                                    | 0.004  | 0.001  | -0.003 | 0.008  | 0.008  |
| +50             | NV      | 0.001                                     | 0.002  | -0.007 | 0.011  | -0.002 | 0.007  |
| +60             | NV      | 0.004                                     | 0.001  | 0.004  | 0.008  | -0.001 | -0.004 |
| +20             | LV      | 0.003                                     | -0.006 | -0.005 | -0.002 | -0.006 | -0.007 |
| +20             | HV      | 0.000                                     | -0.002 | -0.005 | -0.002 | 0.006  | 0.011  |

| Temperature(°C) | Voltage | Test Result (ppm) Band 2 High Channel QPSK |        |        |        |        |        |
|-----------------|---------|--|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                       | 3M     | 5M     | 10M    | 15M    | 20M    |
| -20             | NV      | -0.005                                     | -0.016 | 0.005  | 0.002  | 0.004  | -0.003 |
| -10             | NV      | -0.004                                     | -0.005 | -0.003 | 0.006  | 0.003  | 0.008  |
| 0               | NV      | -0.009                                     | 0.008  | -0.015 | 0.008  | -0.007 | 0.008  |
| +10             | NV      | -0.013                                     | -0.012 | -0.004 | 0.002  | -0.011 | -0.001 |
| +20             | NV      | -0.003                                     | -0.001 | 0.001  | 0.002  | -0.009 | -0.007 |
| +30             | NV      | -0.002                                     | -0.006 | -0.005 | -0.005 | -0.005 | -0.003 |
| +40             | NV      | -0.009                                     | -0.007 | -0.005 | -0.005 | 0.005  | 0.001  |
| +50             | NV      | -0.008                                     | 0.002  | 0.005  | -0.006 | 0.001  | 0.003  |
| +60             | NV      | -0.018                                     | 0.005  | -0.002 | -0.002 | 0.002  | -0.008 |
| +20             | LV      | 0.005                                      | -0.010 | -0.014 | -0.011 | -0.011 | -0.003 |
| +20             | HV      | -0.009                                     | -0.012 | -0.008 | -0.008 | 0.007  | -0.004 |

### 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       | 1850.7                  | 18607      | 1.4 | 1       | 0         | 23.20                 | 24.09           | 0.256         |
| QPSK       | 1850.7                  | 18607      | 1.4 | 1       | 3         | 22.91                 | 23.80           | 0.240         |
| QPSK       | 1850.7                  | 18607      | 1.4 | 1       | 5         | 23.00                 | 23.89           | 0.245         |
| QPSK       | 1850.7                  | 18607      | 1.4 | 3       | 0         | 23.12                 | 24.01           | 0.252         |
| QPSK       | 1850.7                  | 18607      | 1.4 | 3       | 1         | 23.17                 | 24.06           | 0.255         |
| QPSK       | 1850.7                  | 18607      | 1.4 | 3       | 3         | 23.05                 | 23.94           | 0.248         |
| QPSK       | 1850.7                  | 18607      | 1.4 | 6       | 0         | 22.05                 | 22.94           | 0.197         |
| QPSK       | 1880                    | 18900      | 1.4 | 1       | 0         | 23.08                 | 23.97           | 0.249         |
| QPSK       | 1880                    | 18900      | 1.4 | 1       | 3         | 23.03                 | 23.92           | 0.247         |
| QPSK       | 1880                    | 18900      | 1.4 | 1       | 5         | 23.16                 | 24.05           | 0.254         |
| QPSK       | 1880                    | 18900      | 1.4 | 3       | 0         | 23.07                 | 23.96           | 0.249         |
| QPSK       | 1880                    | 18900      | 1.4 | 3       | 1         | 23.11                 | 24.00           | 0.251         |
| QPSK       | 1880                    | 18900      | 1.4 | 3       | 3         | 22.96                 | 23.85           | 0.243         |
| QPSK       | 1880                    | 18900      | 1.4 | 6       | 0         | 21.94                 | 22.83           | 0.192         |
| QPSK       | 1909.3                  | 19193      | 1.4 | 1       | 0         | 23.18                 | 24.07           | 0.255         |
| QPSK       | 1909.3                  | 19193      | 1.4 | 1       | 3         | 23.09                 | 23.98           | 0.250         |
| QPSK       | 1909.3                  | 19193      | 1.4 | 1       | 5         | 23.07                 | 23.96           | 0.249         |
| QPSK       | 1909.3                  | 19193      | 1.4 | 3       | 0         | 22.88                 | 23.77           | 0.238         |
| QPSK       | 1909.3                  | 19193      | 1.4 | 3       | 1         | 22.92                 | 23.81           | 0.240         |
| QPSK       | 1909.3                  | 19193      | 1.4 | 3       | 3         | 22.81                 | 23.70           | 0.234         |
| QPSK       | 1909.3                  | 19193      | 1.4 | 6       | 0         | 21.75                 | 22.64           | 0.184         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1850.7                  | 18607      | 1.4 | 1       | 0         | 22.29                 | 23.18           | 0.208         |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 1       | 3         | 22.59                 | 23.48           | 0.223         |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 1       | 5         | 22.68                 | 23.57           | 0.228         |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 3       | 0         | 22.37                 | 23.26           | 0.212         |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 3       | 1         | 22.18                 | 23.07           | 0.203         |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 3       | 3         | 22.32                 | 23.21           | 0.209         |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 6       | 0         | 21.17                 | 22.06           | 0.161         |
| 16QAM      | 1880                    | 18900      | 1.4 | 1       | 0         | 21.68                 | 22.57           | 0.181         |
| 16QAM      | 1880                    | 18900      | 1.4 | 1       | 3         | 22.27                 | 23.16           | 0.207         |
| 16QAM      | 1880                    | 18900      | 1.4 | 1       | 5         | 22.30                 | 23.19           | 0.208         |
| 16QAM      | 1880                    | 18900      | 1.4 | 3       | 0         | 22.09                 | 22.98           | 0.199         |
| 16QAM      | 1880                    | 18900      | 1.4 | 3       | 1         | 22.02                 | 22.91           | 0.195         |
| 16QAM      | 1880                    | 18900      | 1.4 | 3       | 3         | 22.15                 | 23.04           | 0.201         |
| 16QAM      | 1880                    | 18900      | 1.4 | 6       | 0         | 20.62                 | 21.51           | 0.142         |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 1       | 0         | 22.16                 | 23.05           | 0.202         |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 1       | 3         | 22.20                 | 23.09           | 0.204         |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 1       | 5         | 22.35                 | 23.24           | 0.211         |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 3       | 0         | 22.28                 | 23.17           | 0.207         |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 3       | 1         | 22.09                 | 22.98           | 0.199         |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 3       | 3         | 21.91                 | 22.80           | 0.191         |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 6       | 0         | 20.71                 | 21.60           | 0.145         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1851.5                  | 18615      | 3  | 1       | 0         | 23.41                 | 24.30           | 0.269         |
| QPSK       | 1851.5                  | 18615      | 3  | 1       | 8         | 23.33                 | 24.22           | 0.264         |
| QPSK       | 1851.5                  | 18615      | 3  | 1       | 14        | 23.33                 | 24.22           | 0.264         |
| QPSK       | 1851.5                  | 18615      | 3  | 8       | 0         | 22.14                 | 23.03           | 0.201         |
| QPSK       | 1851.5                  | 18615      | 3  | 8       | 4         | 22.22                 | 23.11           | 0.205         |
| QPSK       | 1851.5                  | 18615      | 3  | 8       | 7         | 21.96                 | 22.85           | 0.193         |
| QPSK       | 1851.5                  | 18615      | 3  | 15      | 0         | 22.05                 | 22.94           | 0.197         |
| QPSK       | 1880                    | 18900      | 3  | 1       | 0         | 23.15                 | 24.04           | 0.254         |
| QPSK       | 1880                    | 18900      | 3  | 1       | 8         | 23.06                 | 23.95           | 0.248         |
| QPSK       | 1880                    | 18900      | 3  | 1       | 14        | 23.02                 | 23.91           | 0.246         |
| QPSK       | 1880                    | 18900      | 3  | 8       | 0         | 21.96                 | 22.85           | 0.193         |
| QPSK       | 1880                    | 18900      | 3  | 8       | 4         | 21.95                 | 22.84           | 0.192         |
| QPSK       | 1880                    | 18900      | 3  | 8       | 7         | 22.04                 | 22.93           | 0.196         |
| QPSK       | 1880                    | 18900      | 3  | 15      | 0         | 21.86                 | 22.75           | 0.188         |
| QPSK       | 1908.5                  | 19185      | 3  | 1       | 0         | 22.91                 | 23.80           | 0.240         |
| QPSK       | 1908.5                  | 19185      | 3  | 1       | 8         | 22.87                 | 23.76           | 0.238         |
| QPSK       | 1908.5                  | 19185      | 3  | 1       | 14        | 22.83                 | 23.72           | 0.236         |
| QPSK       | 1908.5                  | 19185      | 3  | 8       | 0         | 21.88                 | 22.77           | 0.189         |
| QPSK       | 1908.5                  | 19185      | 3  | 8       | 4         | 21.86                 | 22.75           | 0.188         |
| QPSK       | 1908.5                  | 19185      | 3  | 8       | 7         | 21.79                 | 22.68           | 0.185         |
| QPSK       | 1908.5                  | 19185      | 3  | 15      | 0         | 21.90                 | 22.79           | 0.190         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1851.5                  | 18615      | 3  | 1       | 0         | 22.97                 | 23.86           | 0.243         |
| 16QAM      | 1851.5                  | 18615      | 3  | 1       | 8         | 22.43                 | 23.32           | 0.215         |
| 16QAM      | 1851.5                  | 18615      | 3  | 1       | 14        | 22.21                 | 23.10           | 0.204         |
| 16QAM      | 1851.5                  | 18615      | 3  | 8       | 0         | 21.30                 | 22.19           | 0.166         |
| 16QAM      | 1851.5                  | 18615      | 3  | 8       | 4         | 21.34                 | 22.23           | 0.167         |
| 16QAM      | 1851.5                  | 18615      | 3  | 8       | 7         | 21.11                 | 22.00           | 0.158         |
| 16QAM      | 1851.5                  | 18615      | 3  | 15      | 0         | 21.27                 | 22.16           | 0.164         |
| 16QAM      | 1880                    | 18900      | 3  | 1       | 0         | 21.83                 | 22.72           | 0.187         |
| 16QAM      | 1880                    | 18900      | 3  | 1       | 8         | 21.94                 | 22.83           | 0.192         |
| 16QAM      | 1880                    | 18900      | 3  | 1       | 14        | 22.01                 | 22.90           | 0.195         |
| 16QAM      | 1880                    | 18900      | 3  | 8       | 0         | 21.11                 | 22.00           | 0.158         |
| 16QAM      | 1880                    | 18900      | 3  | 8       | 4         | 21.02                 | 21.91           | 0.155         |
| 16QAM      | 1880                    | 18900      | 3  | 8       | 7         | 21.16                 | 22.05           | 0.160         |
| 16QAM      | 1880                    | 18900      | 3  | 15      | 0         | 21.09                 | 21.98           | 0.158         |
| 16QAM      | 1908.5                  | 19185      | 3  | 1       | 0         | 22.49                 | 23.38           | 0.218         |
| 16QAM      | 1908.5                  | 19185      | 3  | 1       | 8         | 22.36                 | 23.25           | 0.211         |
| 16QAM      | 1908.5                  | 19185      | 3  | 1       | 14        | 22.25                 | 23.14           | 0.206         |
| 16QAM      | 1908.5                  | 19185      | 3  | 8       | 0         | 21.11                 | 22.00           | 0.158         |
| 16QAM      | 1908.5                  | 19185      | 3  | 8       | 4         | 21.05                 | 21.94           | 0.156         |
| 16QAM      | 1908.5                  | 19185      | 3  | 8       | 7         | 21.10                 | 21.99           | 0.158         |
| 16QAM      | 1908.5                  | 19185      | 3  | 15      | 0         | 20.94                 | 21.83           | 0.152         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1852.5                  | 18625      | 5  | 1       | 0         | 23.11                 | 24.00           | 0.251         |
| QPSK       | 1852.5                  | 18625      | 5  | 1       | 12        | 23.06                 | 23.95           | 0.248         |
| QPSK       | 1852.5                  | 18625      | 5  | 1       | 24        | 23.10                 | 23.99           | 0.251         |
| QPSK       | 1852.5                  | 18625      | 5  | 12      | 0         | 22.22                 | 23.11           | 0.205         |
| QPSK       | 1852.5                  | 18625      | 5  | 12      | 7         | 21.88                 | 22.77           | 0.189         |
| QPSK       | 1852.5                  | 18625      | 5  | 12      | 13        | 21.94                 | 22.83           | 0.192         |
| QPSK       | 1852.5                  | 18625      | 5  | 25      | 0         | 21.98                 | 22.87           | 0.194         |
| QPSK       | 1880                    | 18900      | 5  | 1       | 0         | 22.87                 | 23.76           | 0.238         |
| QPSK       | 1880                    | 18900      | 5  | 1       | 12        | 23.06                 | 23.95           | 0.248         |
| QPSK       | 1880                    | 18900      | 5  | 1       | 24        | 23.03                 | 23.92           | 0.247         |
| QPSK       | 1880                    | 18900      | 5  | 12      | 0         | 22.10                 | 22.99           | 0.199         |
| QPSK       | 1880                    | 18900      | 5  | 12      | 7         | 21.90                 | 22.79           | 0.190         |
| QPSK       | 1880                    | 18900      | 5  | 12      | 13        | 22.00                 | 22.89           | 0.195         |
| QPSK       | 1880                    | 18900      | 5  | 25      | 0         | 21.79                 | 22.68           | 0.185         |
| QPSK       | 1907.5                  | 19175      | 5  | 1       | 0         | 23.09                 | 23.98           | 0.250         |
| QPSK       | 1907.5                  | 19175      | 5  | 1       | 12        | 23.24                 | 24.13           | 0.259         |
| QPSK       | 1907.5                  | 19175      | 5  | 1       | 24        | 23.05                 | 23.94           | 0.248         |
| QPSK       | 1907.5                  | 19175      | 5  | 12      | 0         | 21.95                 | 22.84           | 0.192         |
| QPSK       | 1907.5                  | 19175      | 5  | 12      | 7         | 21.88                 | 22.77           | 0.189         |
| QPSK       | 1907.5                  | 19175      | 5  | 12      | 13        | 21.79                 | 22.68           | 0.185         |
| QPSK       | 1907.5                  | 19175      | 5  | 25      | 0         | 21.83                 | 22.72           | 0.187         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1852.5                  | 18625      | 5  | 1       | 0         | 22.22                 | 23.11           | 0.205         |
| 16QAM      | 1852.5                  | 18625      | 5  | 1       | 12        | 22.27                 | 23.16           | 0.207         |
| 16QAM      | 1852.5                  | 18625      | 5  | 1       | 24        | 22.11                 | 23.00           | 0.200         |
| 16QAM      | 1852.5                  | 18625      | 5  | 12      | 0         | 21.00                 | 21.89           | 0.155         |
| 16QAM      | 1852.5                  | 18625      | 5  | 12      | 7         | 21.17                 | 22.06           | 0.161         |
| 16QAM      | 1852.5                  | 18625      | 5  | 12      | 13        | 21.18                 | 22.07           | 0.161         |
| 16QAM      | 1852.5                  | 18625      | 5  | 25      | 0         | 21.31                 | 22.20           | 0.166         |
| 16QAM      | 1880                    | 18900      | 5  | 1       | 0         | 22.85                 | 23.74           | 0.237         |
| 16QAM      | 1880                    | 18900      | 5  | 1       | 12        | 22.42                 | 23.31           | 0.214         |
| 16QAM      | 1880                    | 18900      | 5  | 1       | 24        | 22.29                 | 23.18           | 0.208         |
| 16QAM      | 1880                    | 18900      | 5  | 12      | 0         | 21.19                 | 22.08           | 0.161         |
| 16QAM      | 1880                    | 18900      | 5  | 12      | 7         | 21.20                 | 22.09           | 0.162         |
| 16QAM      | 1880                    | 18900      | 5  | 12      | 13        | 21.05                 | 21.94           | 0.156         |
| 16QAM      | 1880                    | 18900      | 5  | 25      | 0         | 21.04                 | 21.93           | 0.156         |
| 16QAM      | 1907.5                  | 19175      | 5  | 1       | 0         | 22.51                 | 23.40           | 0.219         |
| 16QAM      | 1907.5                  | 19175      | 5  | 1       | 12        | 22.87                 | 23.76           | 0.238         |
| 16QAM      | 1907.5                  | 19175      | 5  | 1       | 24        | 22.25                 | 23.14           | 0.206         |
| 16QAM      | 1907.5                  | 19175      | 5  | 12      | 0         | 21.07                 | 21.96           | 0.157         |
| 16QAM      | 1907.5                  | 19175      | 5  | 12      | 7         | 21.03                 | 21.92           | 0.156         |
| 16QAM      | 1907.5                  | 19175      | 5  | 12      | 13        | 21.06                 | 21.95           | 0.157         |
| 16QAM      | 1907.5                  | 19175      | 5  | 25      | 0         | 21.10                 | 21.99           | 0.158         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1855                    | 18650      | 10 | 1       | 0         | 23.43                 | 24.32           | 0.270         |
| QPSK       | 1855                    | 18650      | 10 | 1       | 25        | 23.29                 | 24.18           | 0.262         |
| QPSK       | 1855                    | 18650      | 10 | 1       | 49        | 23.32                 | 24.21           | 0.264         |
| QPSK       | 1855                    | 18650      | 10 | 25      | 0         | 22.21                 | 23.10           | 0.204         |
| QPSK       | 1855                    | 18650      | 10 | 25      | 12        | 22.09                 | 22.98           | 0.199         |
| QPSK       | 1855                    | 18650      | 10 | 25      | 25        | 22.34                 | 23.23           | 0.210         |
| QPSK       | 1855                    | 18650      | 10 | 50      | 0         | 22.17                 | 23.06           | 0.202         |
| QPSK       | 1880                    | 18900      | 10 | 1       | 0         | 23.31                 | 24.20           | 0.263         |
| QPSK       | 1880                    | 18900      | 10 | 1       | 25        | 23.16                 | 24.05           | 0.254         |
| QPSK       | 1880                    | 18900      | 10 | 1       | 49        | 23.18                 | 24.07           | 0.255         |
| QPSK       | 1880                    | 18900      | 10 | 25      | 0         | 21.98                 | 22.87           | 0.194         |
| QPSK       | 1880                    | 18900      | 10 | 25      | 12        | 22.00                 | 22.89           | 0.195         |
| QPSK       | 1880                    | 18900      | 10 | 25      | 25        | 21.93                 | 22.82           | 0.191         |
| QPSK       | 1880                    | 18900      | 10 | 50      | 0         | 21.87                 | 22.76           | 0.189         |
| QPSK       | 1905                    | 19150      | 10 | 1       | 0         | 22.76                 | 23.65           | 0.232         |
| QPSK       | 1905                    | 19150      | 10 | 1       | 25        | 22.84                 | 23.73           | 0.236         |
| QPSK       | 1905                    | 19150      | 10 | 1       | 49        | 22.91                 | 23.80           | 0.240         |
| QPSK       | 1905                    | 19150      | 10 | 25      | 0         | 21.81                 | 22.70           | 0.186         |
| QPSK       | 1905                    | 19150      | 10 | 25      | 12        | 21.93                 | 22.82           | 0.191         |
| QPSK       | 1905                    | 19150      | 10 | 25      | 25        | 21.91                 | 22.80           | 0.191         |
| QPSK       | 1905                    | 19150      | 10 | 50      | 0         | 21.80                 | 22.69           | 0.186         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1855                    | 18650      | 10 | 1       | 0         | 22.76                 | 23.65           | 0.232         |
| 16QAM      | 1855                    | 18650      | 10 | 1       | 25        | 22.48                 | 23.37           | 0.217         |
| 16QAM      | 1855                    | 18650      | 10 | 1       | 49        | 22.21                 | 23.10           | 0.204         |
| 16QAM      | 1855                    | 18650      | 10 | 25      | 0         | 21.40                 | 22.29           | 0.169         |
| 16QAM      | 1855                    | 18650      | 10 | 25      | 12        | 21.26                 | 22.15           | 0.164         |
| 16QAM      | 1855                    | 18650      | 10 | 25      | 25        | 21.49                 | 22.38           | 0.173         |
| 16QAM      | 1855                    | 18650      | 10 | 50      | 0         | 21.14                 | 22.03           | 0.160         |
| 16QAM      | 1880                    | 18900      | 10 | 1       | 0         | 22.52                 | 23.41           | 0.219         |
| 16QAM      | 1880                    | 18900      | 10 | 1       | 25        | 22.11                 | 23.00           | 0.200         |
| 16QAM      | 1880                    | 18900      | 10 | 1       | 49        | 22.28                 | 23.17           | 0.207         |
| 16QAM      | 1880                    | 18900      | 10 | 25      | 0         | 21.33                 | 22.22           | 0.167         |
| 16QAM      | 1880                    | 18900      | 10 | 25      | 12        | 21.25                 | 22.14           | 0.164         |
| 16QAM      | 1880                    | 18900      | 10 | 25      | 25        | 21.28                 | 22.17           | 0.165         |
| 16QAM      | 1880                    | 18900      | 10 | 50      | 0         | 21.04                 | 21.93           | 0.156         |
| 16QAM      | 1905                    | 19150      | 10 | 1       | 0         | 22.98                 | 23.87           | 0.244         |
| 16QAM      | 1905                    | 19150      | 10 | 1       | 25        | 22.22                 | 23.11           | 0.205         |
| 16QAM      | 1905                    | 19150      | 10 | 1       | 49        | 22.16                 | 23.05           | 0.202         |
| 16QAM      | 1905                    | 19150      | 10 | 25      | 0         | 20.88                 | 21.77           | 0.150         |
| 16QAM      | 1905                    | 19150      | 10 | 25      | 12        | 20.88                 | 21.77           | 0.150         |
| 16QAM      | 1905                    | 19150      | 10 | 25      | 25        | 21.00                 | 21.89           | 0.155         |
| 16QAM      | 1905                    | 19150      | 10 | 50      | 0         | 20.89                 | 21.78           | 0.151         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1857.5                  | 18675      | 15 | 1       | 0         | 23.21                 | 24.10           | 0.257         |
| QPSK       | 1857.5                  | 18675      | 15 | 1       | 37        | 23.03                 | 23.92           | 0.247         |
| QPSK       | 1857.5                  | 18675      | 15 | 1       | 74        | 23.13                 | 24.02           | 0.252         |
| QPSK       | 1857.5                  | 18675      | 15 | 36      | 0         | 21.97                 | 22.86           | 0.193         |
| QPSK       | 1857.5                  | 18675      | 15 | 36      | 29        | 22.28                 | 23.17           | 0.207         |
| QPSK       | 1857.5                  | 18675      | 15 | 36      | 30        | 21.95                 | 22.84           | 0.192         |
| QPSK       | 1857.5                  | 18675      | 15 | 75      | 0         | 21.89                 | 22.78           | 0.190         |
| QPSK       | 1880                    | 18900      | 15 | 1       | 0         | 23.09                 | 23.98           | 0.250         |
| QPSK       | 1880                    | 18900      | 15 | 1       | 37        | 23.05                 | 23.94           | 0.248         |
| QPSK       | 1880                    | 18900      | 15 | 1       | 74        | 22.89                 | 23.78           | 0.239         |
| QPSK       | 1880                    | 18900      | 15 | 36      | 0         | 21.88                 | 22.77           | 0.189         |
| QPSK       | 1880                    | 18900      | 15 | 36      | 29        | 22.02                 | 22.91           | 0.195         |
| QPSK       | 1880                    | 18900      | 15 | 36      | 30        | 21.94                 | 22.83           | 0.192         |
| QPSK       | 1880                    | 18900      | 15 | 75      | 0         | 22.04                 | 22.93           | 0.196         |
| QPSK       | 1902.5                  | 19125      | 15 | 1       | 0         | 22.90                 | 23.79           | 0.239         |
| QPSK       | 1902.5                  | 19125      | 15 | 1       | 37        | 22.80                 | 23.69           | 0.234         |
| QPSK       | 1902.5                  | 19125      | 15 | 1       | 74        | 22.98                 | 23.87           | 0.244         |
| QPSK       | 1902.5                  | 19125      | 15 | 36      | 0         | 21.76                 | 22.65           | 0.184         |
| QPSK       | 1902.5                  | 19125      | 15 | 36      | 29        | 21.93                 | 22.82           | 0.191         |
| QPSK       | 1902.5                  | 19125      | 15 | 36      | 30        | 21.91                 | 22.80           | 0.191         |
| QPSK       | 1902.5                  | 19125      | 15 | 75      | 0         | 21.71                 | 22.60           | 0.182         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1857.5                  | 18675      | 15 | 1       | 0         | 22.63                 | 23.52           | 0.225         |
| 16QAM      | 1857.5                  | 18675      | 15 | 1       | 37        | 22.38                 | 23.27           | 0.212         |
| 16QAM      | 1857.5                  | 18675      | 15 | 1       | 74        | 22.86                 | 23.75           | 0.237         |
| 16QAM      | 1857.5                  | 18675      | 15 | 36      | 0         | 21.28                 | 22.17           | 0.165         |
| 16QAM      | 1857.5                  | 18675      | 15 | 36      | 29        | 21.33                 | 22.22           | 0.167         |
| 16QAM      | 1857.5                  | 18675      | 15 | 36      | 30        | 21.22                 | 22.11           | 0.163         |
| 16QAM      | 1857.5                  | 18675      | 15 | 75      | 0         | 21.14                 | 22.03           | 0.160         |
| 16QAM      | 1880                    | 18900      | 15 | 1       | 0         | 22.47                 | 23.36           | 0.217         |
| 16QAM      | 1880                    | 18900      | 15 | 1       | 37        | 22.48                 | 23.37           | 0.217         |
| 16QAM      | 1880                    | 18900      | 15 | 1       | 74        | 22.58                 | 23.47           | 0.222         |
| 16QAM      | 1880                    | 18900      | 15 | 36      | 0         | 21.05                 | 21.94           | 0.156         |
| 16QAM      | 1880                    | 18900      | 15 | 36      | 29        | 20.94                 | 21.83           | 0.152         |
| 16QAM      | 1880                    | 18900      | 15 | 36      | 30        | 20.99                 | 21.88           | 0.154         |
| 16QAM      | 1880                    | 18900      | 15 | 75      | 0         | 21.15                 | 22.04           | 0.160         |
| 16QAM      | 1902.5                  | 19125      | 15 | 1       | 0         | 22.46                 | 23.35           | 0.216         |
| 16QAM      | 1902.5                  | 19125      | 15 | 1       | 37        | 22.78                 | 23.67           | 0.233         |
| 16QAM      | 1902.5                  | 19125      | 15 | 1       | 74        | 22.24                 | 23.13           | 0.206         |
| 16QAM      | 1902.5                  | 19125      | 15 | 36      | 0         | 20.90                 | 21.79           | 0.151         |
| 16QAM      | 1902.5                  | 19125      | 15 | 36      | 29        | 20.91                 | 21.80           | 0.151         |
| 16QAM      | 1902.5                  | 19125      | 15 | 36      | 30        | 20.86                 | 21.75           | 0.150         |
| 16QAM      | 1902.5                  | 19125      | 15 | 75      | 0         | 21.10                 | 21.99           | 0.158         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1860                    | 18700      | 20 | 1       | 0         | 23.19                 | 24.08           | 0.256         |
| QPSK       | 1860                    | 18700      | 20 | 1       | 49        | 22.97                 | 23.86           | 0.243         |
| QPSK       | 1860                    | 18700      | 20 | 1       | 99        | 23.00                 | 23.89           | 0.245         |
| QPSK       | 1860                    | 18700      | 20 | 50      | 0         | 21.95                 | 22.84           | 0.192         |
| QPSK       | 1860                    | 18700      | 20 | 50      | 24        | 21.95                 | 22.84           | 0.192         |
| QPSK       | 1860                    | 18700      | 20 | 50      | 50        | 22.16                 | 23.05           | 0.202         |
| QPSK       | 1860                    | 18700      | 20 | 100     | 0         | 22.14                 | 23.03           | 0.201         |
| QPSK       | 1880                    | 18900      | 20 | 1       | 0         | 22.95                 | 23.84           | 0.242         |
| QPSK       | 1880                    | 18900      | 20 | 1       | 49        | 23.10                 | 23.99           | 0.251         |
| QPSK       | 1880                    | 18900      | 20 | 1       | 99        | 23.13                 | 24.02           | 0.252         |
| QPSK       | 1880                    | 18900      | 20 | 50      | 0         | 22.13                 | 23.02           | 0.200         |
| QPSK       | 1880                    | 18900      | 20 | 50      | 24        | 22.03                 | 22.92           | 0.196         |
| QPSK       | 1880                    | 18900      | 20 | 50      | 50        | 21.90                 | 22.79           | 0.190         |
| QPSK       | 1880                    | 18900      | 20 | 100     | 0         | 22.16                 | 23.05           | 0.202         |
| QPSK       | 1900                    | 19100      | 20 | 1       | 0         | 22.89                 | 23.78           | 0.239         |
| QPSK       | 1900                    | 19100      | 20 | 1       | 49        | 22.92                 | 23.81           | 0.240         |
| QPSK       | 1900                    | 19100      | 20 | 1       | 99        | 22.93                 | 23.82           | 0.241         |
| QPSK       | 1900                    | 19100      | 20 | 50      | 0         | 22.06                 | 22.95           | 0.197         |
| QPSK       | 1900                    | 19100      | 20 | 50      | 24        | 21.98                 | 22.87           | 0.194         |
| QPSK       | 1900                    | 19100      | 20 | 50      | 50        | 21.87                 | 22.76           | 0.189         |
| QPSK       | 1900                    | 19100      | 20 | 100     | 0         | 21.81                 | 22.70           | 0.186         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1860                    | 18700      | 20 | 1       | 0         | 22.51                 | 23.40           | 0.219         |
| 16QAM      | 1860                    | 18700      | 20 | 1       | 49        | 22.11                 | 23.00           | 0.200         |
| 16QAM      | 1860                    | 18700      | 20 | 1       | 99        | 22.45                 | 23.34           | 0.216         |
| 16QAM      | 1860                    | 18700      | 20 | 50      | 0         | 21.19                 | 22.08           | 0.161         |
| 16QAM      | 1860                    | 18700      | 20 | 50      | 24        | 21.06                 | 21.95           | 0.157         |
| 16QAM      | 1860                    | 18700      | 20 | 50      | 50        | 21.07                 | 21.96           | 0.157         |
| 16QAM      | 1860                    | 18700      | 20 | 100     | 0         | 21.18                 | 22.07           | 0.161         |
| 16QAM      | 1880                    | 18900      | 20 | 1       | 0         | 21.65                 | 22.54           | 0.179         |
| 16QAM      | 1880                    | 18900      | 20 | 1       | 49        | 22.04                 | 22.93           | 0.196         |
| 16QAM      | 1880                    | 18900      | 20 | 1       | 99        | 21.70                 | 22.59           | 0.182         |
| 16QAM      | 1880                    | 18900      | 20 | 50      | 0         | 21.09                 | 21.98           | 0.158         |
| 16QAM      | 1880                    | 18900      | 20 | 50      | 24        | 21.18                 | 22.07           | 0.161         |
| 16QAM      | 1880                    | 18900      | 20 | 50      | 50        | 21.10                 | 21.99           | 0.158         |
| 16QAM      | 1880                    | 18900      | 20 | 100     | 0         | 20.94                 | 21.83           | 0.152         |
| 16QAM      | 1900                    | 19100      | 20 | 1       | 0         | 22.47                 | 23.36           | 0.217         |
| 16QAM      | 1900                    | 19100      | 20 | 1       | 49        | 22.64                 | 23.53           | 0.225         |
| 16QAM      | 1900                    | 19100      | 20 | 1       | 99        | 22.69                 | 23.58           | 0.228         |
| 16QAM      | 1900                    | 19100      | 20 | 50      | 0         | 20.93                 | 21.82           | 0.152         |
| 16QAM      | 1900                    | 19100      | 20 | 50      | 24        | 21.02                 | 21.91           | 0.155         |
| 16QAM      | 1900                    | 19100      | 20 | 50      | 50        | 20.88                 | 21.77           | 0.150         |
| 16QAM      | 1900                    | 19100      | 20 | 100     | 0         | 21.10                 | 21.99           | 0.158         |