

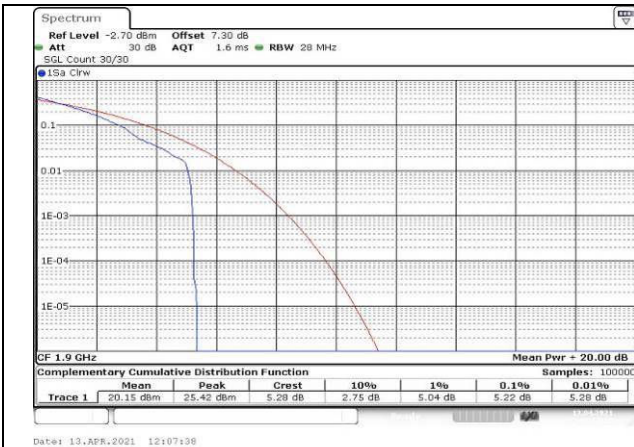


Fig.103

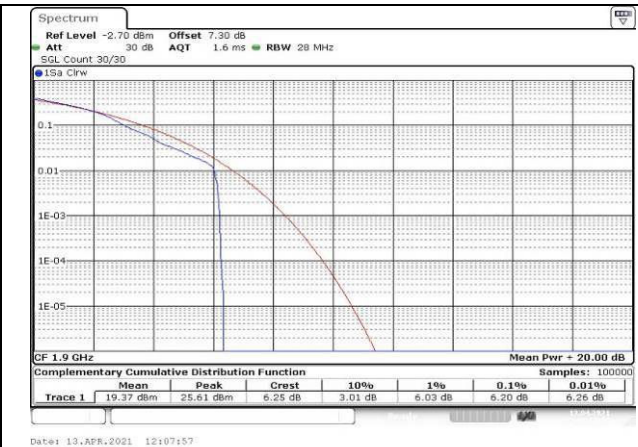


Fig.104

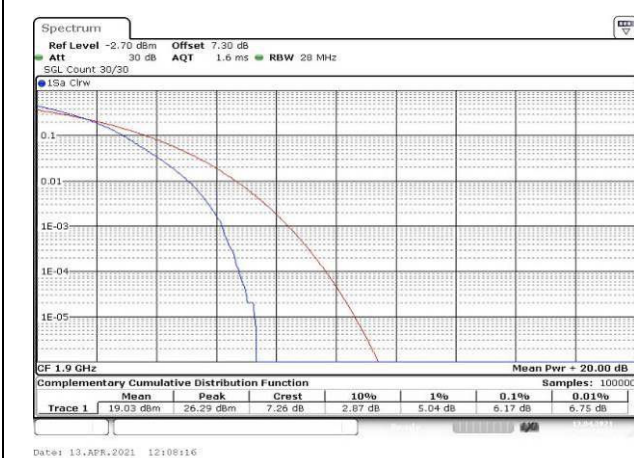


Fig.105

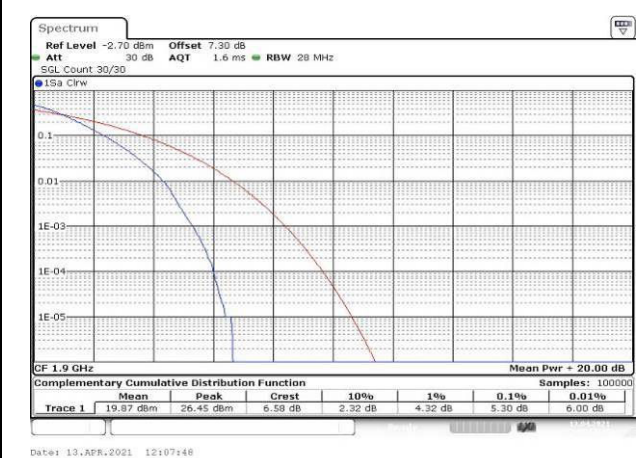


Fig.106

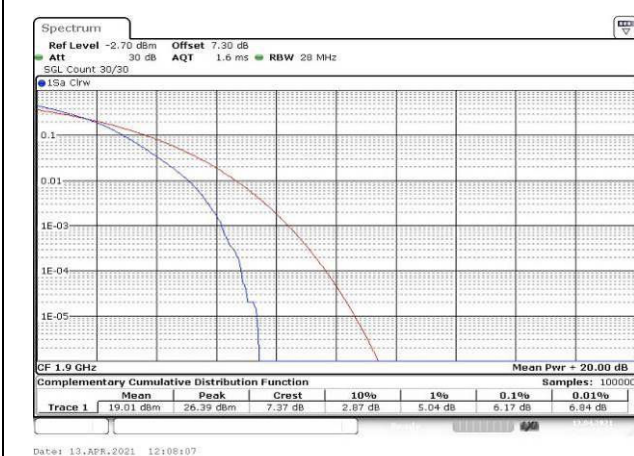


Fig.107

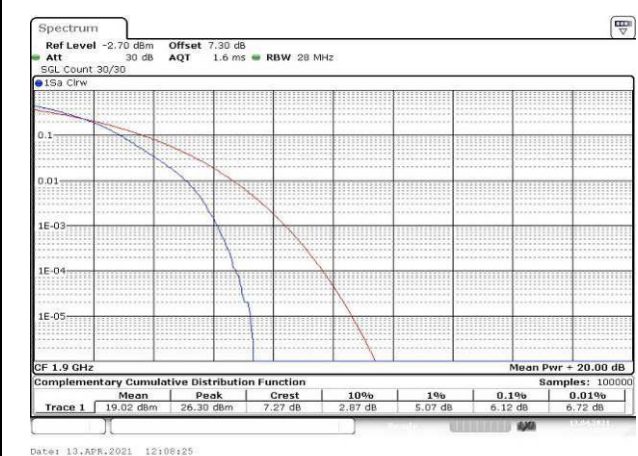


Fig.108

## 5 Spurious Emissions at antenna terminal

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

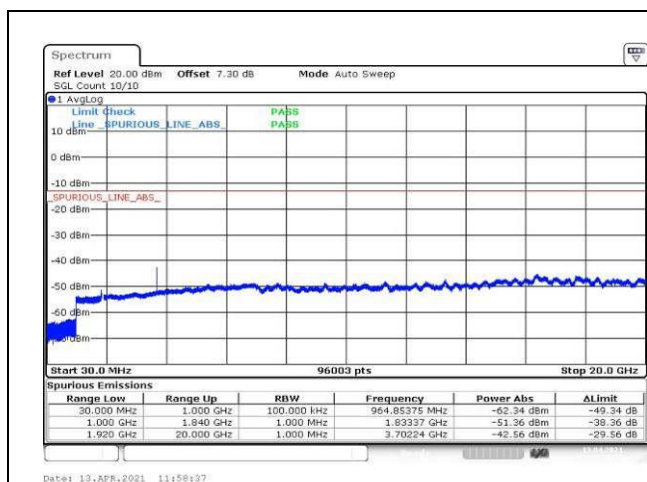


Fig.1

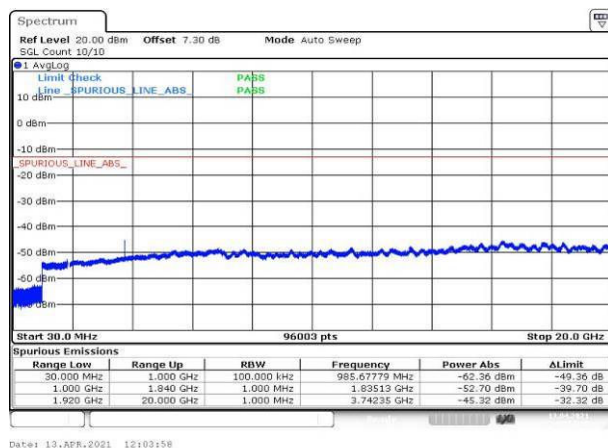


Fig.2

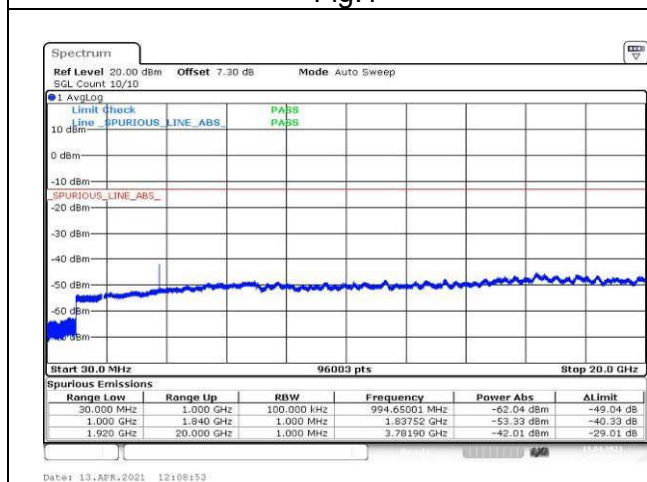


Fig.3

## 6 Band Edges Compliance

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

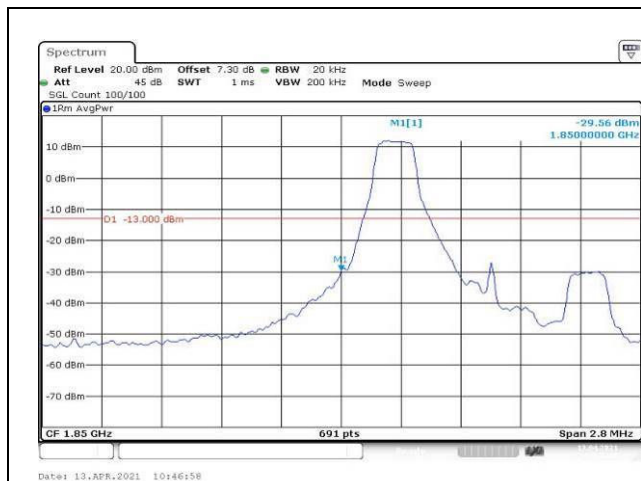


Fig.1

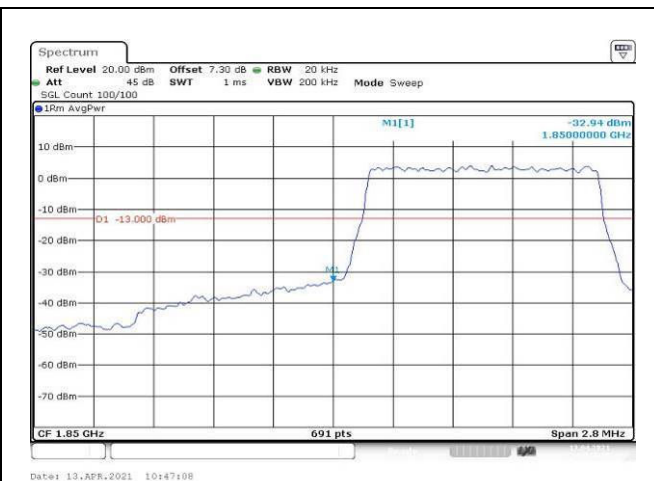


Fig.2

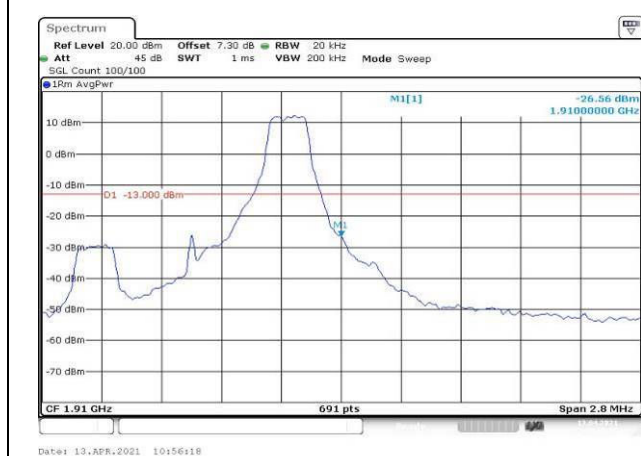


Fig.3

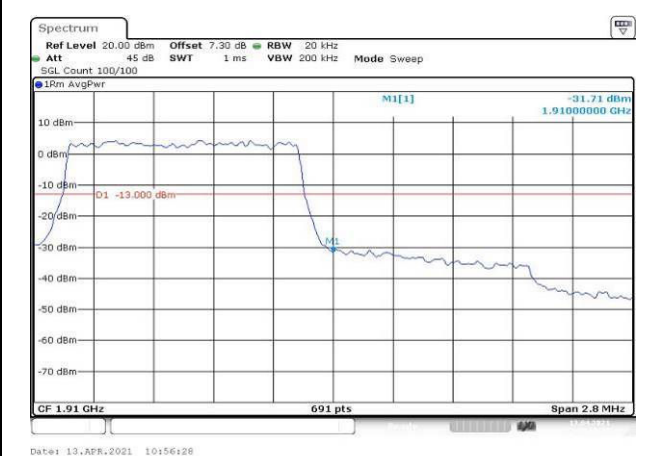


Fig.4

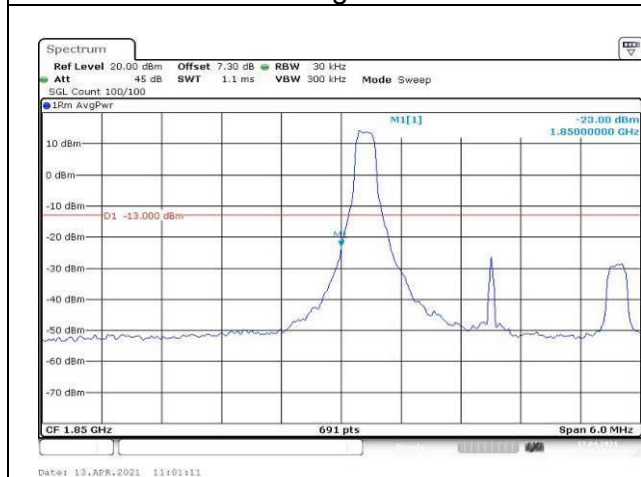


Fig.5

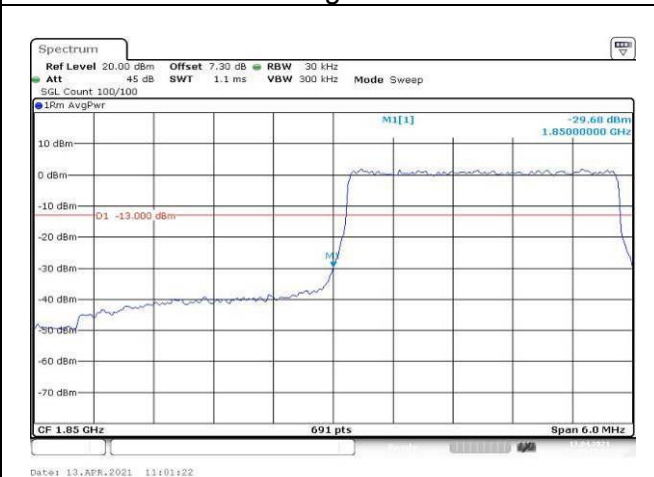


Fig.6

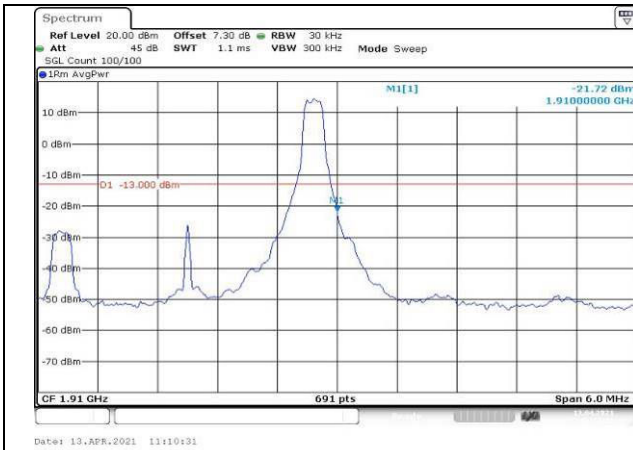


Fig.7

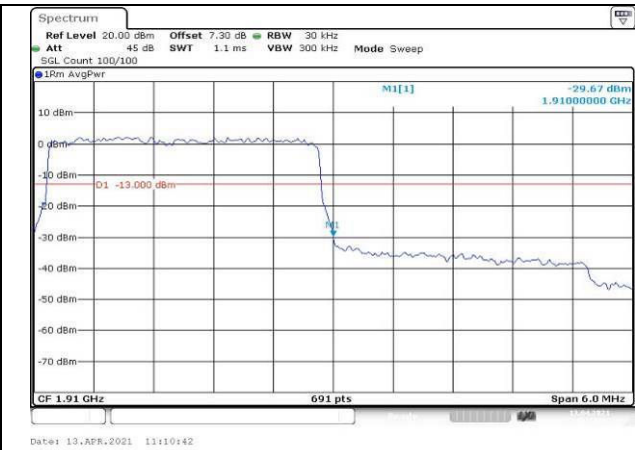


Fig.8

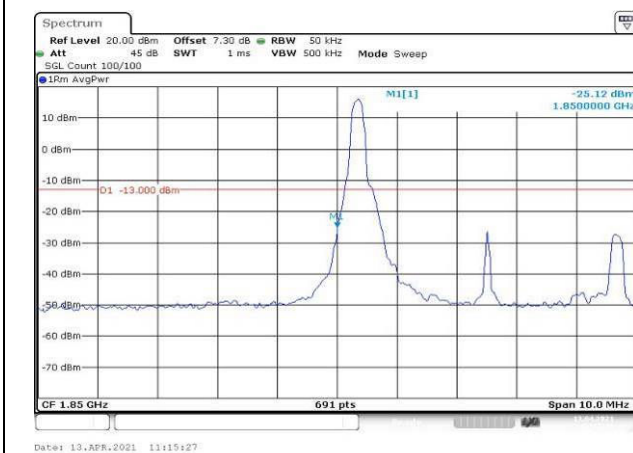


Fig.9

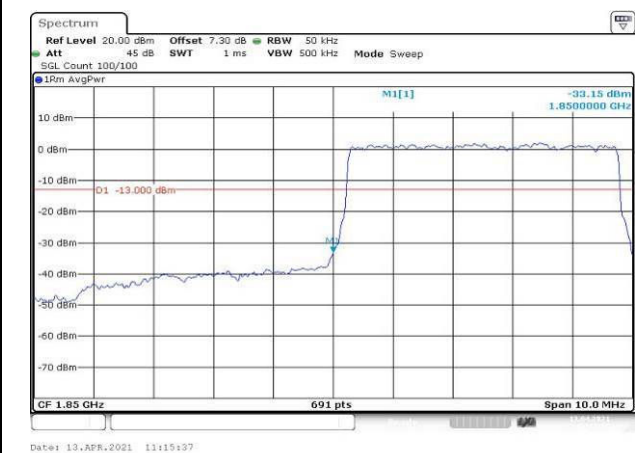


Fig.10

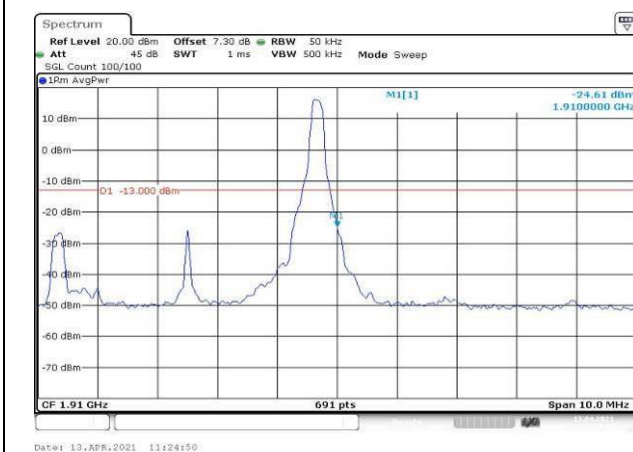


Fig.11

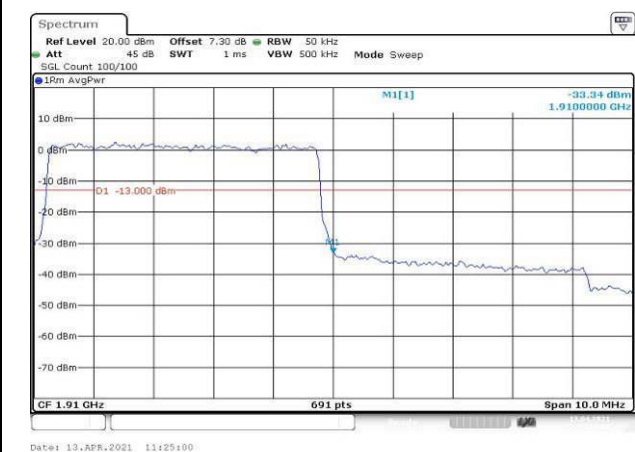


Fig.12

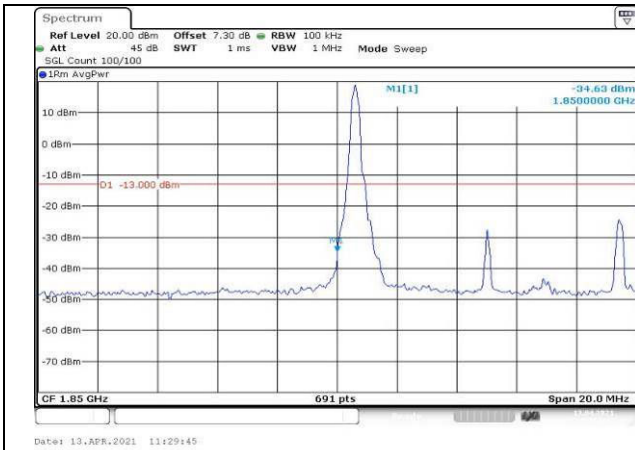


Fig.13

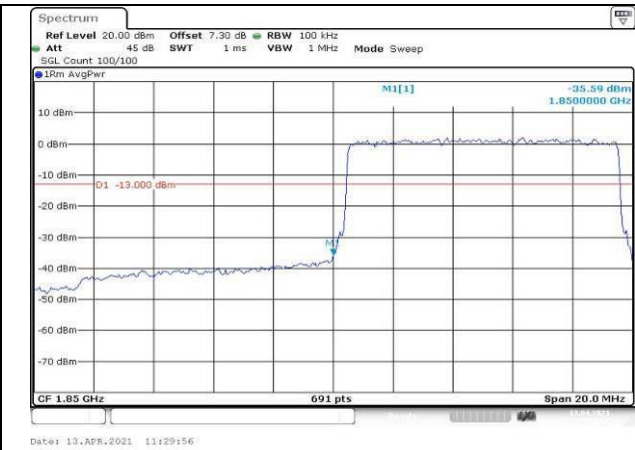


Fig.14

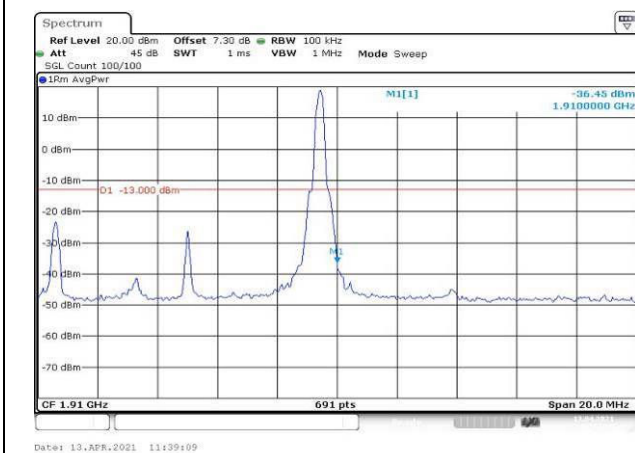


Fig.15

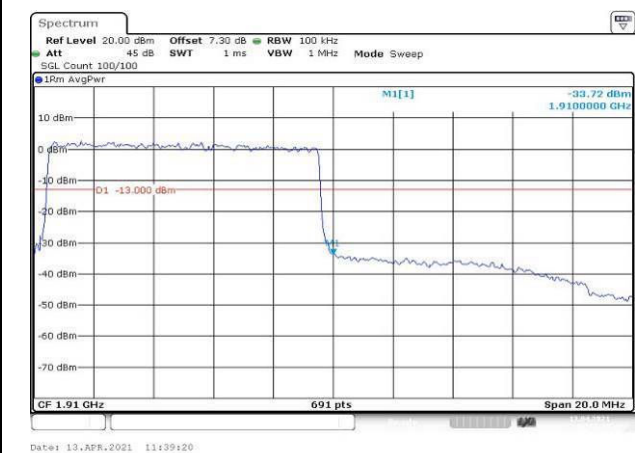


Fig.16

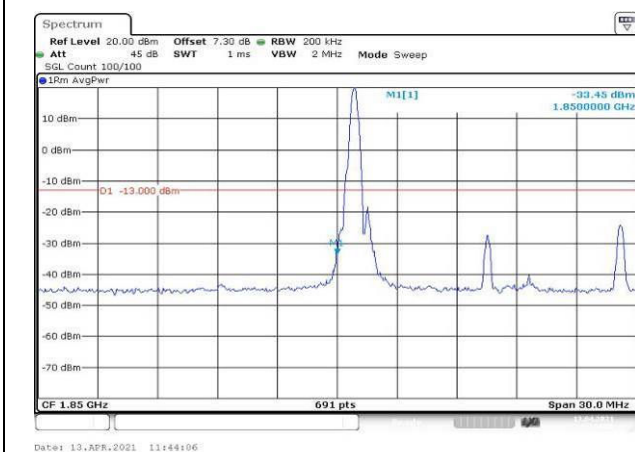


Fig.17

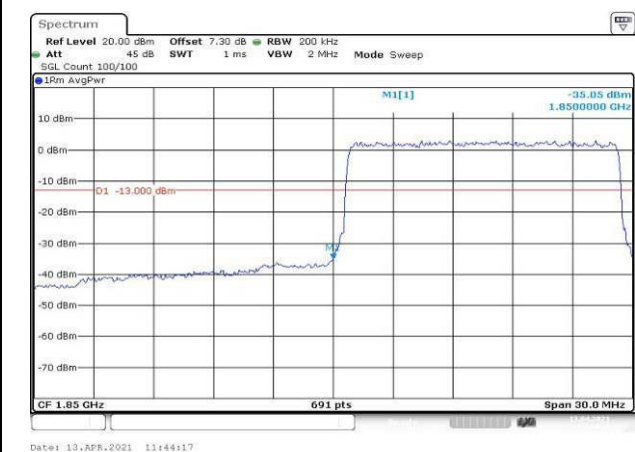


Fig.18

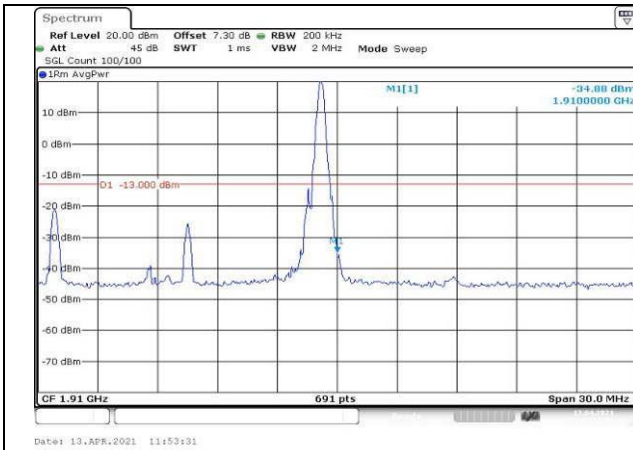


Fig.19

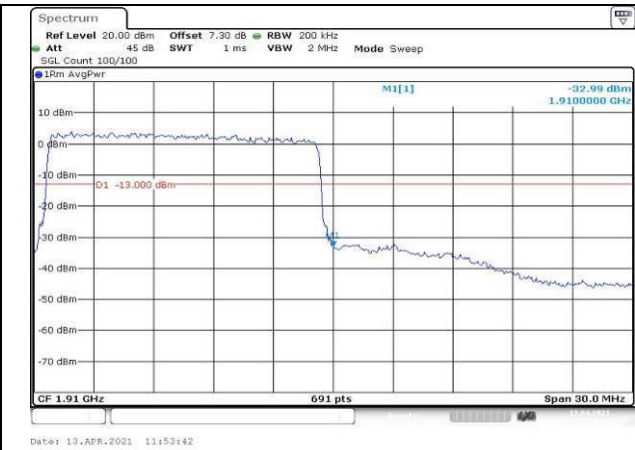


Fig.20

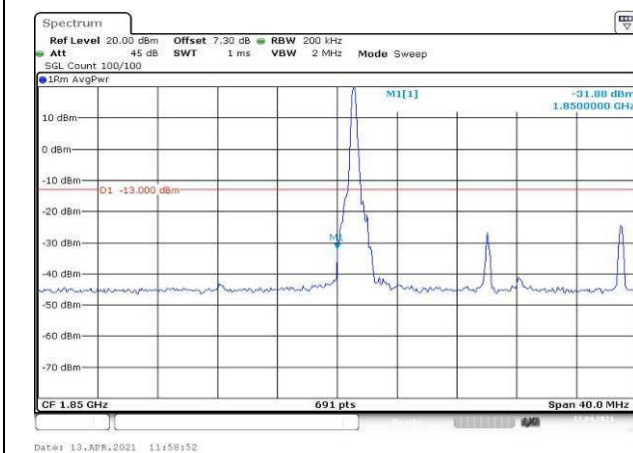


Fig.21

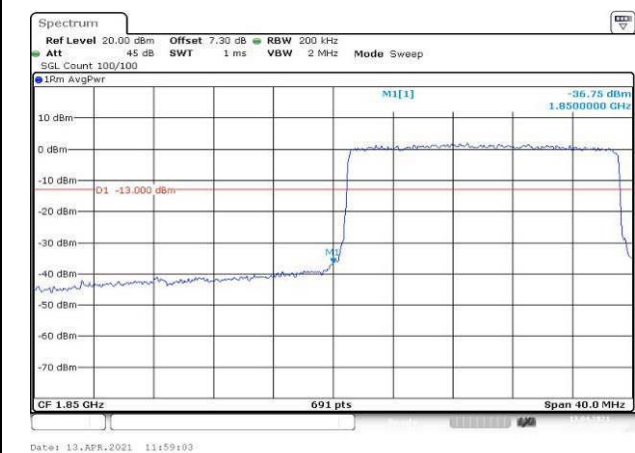


Fig.22

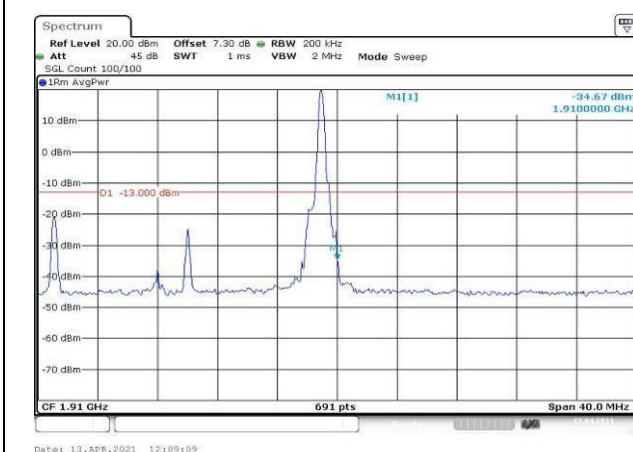


Fig.23

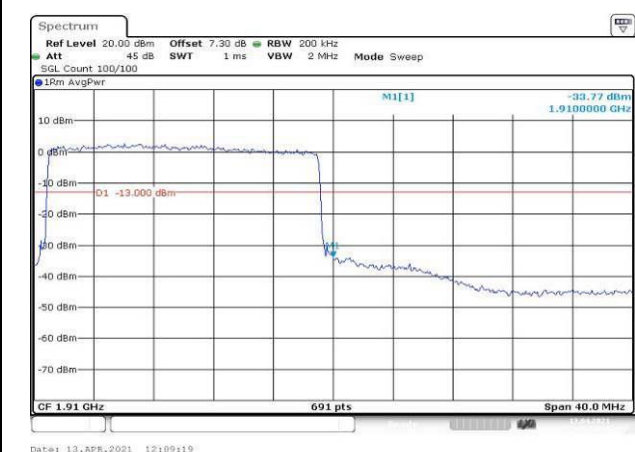


Fig.24

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band2 Low Channel QPSK |       |        |        |       |        |
|-----------------|---------|------------------------------------------|-------|--------|--------|-------|--------|
|                 |         | 1.4M                                     | 3M    | 5M     | 10M    | 15M   | 20M    |
| -40             | NV      | 0.005                                    | 0.004 | -0.002 | -0.003 | 0.003 | -0.003 |
| -30             | NV      | -0.013                                   | 0.005 | -0.003 | -0.004 | 0.003 | -0.002 |
| -20             | NV      | -0.009                                   | 0.006 | -0.003 | 0.003  | 0.003 | 0.001  |
| -10             | NV      | -0.002                                   | 0.003 | -0.001 | -0.002 | 0.003 | -0.002 |
| 0               | NV      | -0.015                                   | 0.003 | -0.001 | 0.000  | 0.003 | 0.002  |
| +10             | NV      | -0.002                                   | 0.004 | -0.004 | -0.001 | 0.004 | 0.001  |
| +20             | NV      | 0.000                                    | 0.000 | 0.000  | 0.000  | 0.000 | 0.000  |
| +30             | NV      | -0.012                                   | 0.005 | -0.001 | 0.002  | 0.004 | -0.005 |
| +40             | NV      | 0.005                                    | 0.003 | -0.002 | 0.001  | 0.004 | 0.001  |
| +50             | NV      | -0.008                                   | 0.004 | -0.001 | 0.001  | 0.005 | -0.002 |
| +55             | NV      | -0.005                                   | 0.004 | -0.005 | 0.003  | 0.002 | -0.005 |
| +20             | LV      | -0.004                                   | 0.004 | -0.001 | -0.001 | 0.002 | 0.004  |
| +20             | HV      | -0.009                                   | 0.005 | -0.004 | 0.001  | 0.004 | -0.003 |

| Temperature(°C) | Voltage | Test Result (ppm) Band2 High Channel QPSK |       |        |        |       |        |
|-----------------|---------|-------------------------------------------|-------|--------|--------|-------|--------|
|                 |         | 1.4M                                      | 3M    | 5M     | 10M    | 15M   | 20M    |
| -40             | NV      | 0.003                                     | 0.004 | 0.002  | -0.002 | 0.004 | 0.002  |
| -30             | NV      | 0.006                                     | 0.005 | 0.001  | -0.002 | 0.004 | 0.004  |
| -20             | NV      | 0.005                                     | 0.005 | 0.004  | -0.003 | 0.003 | 0.002  |
| -10             | NV      | 0.008                                     | 0.006 | 0.004  | -0.001 | 0.005 | 0.000  |
| 0               | NV      | -0.007                                    | 0.004 | 0.001  | -0.001 | 0.004 | -0.001 |
| +10             | NV      | 0.005                                     | 0.004 | 0.002  | -0.004 | 0.002 | 0.004  |
| +20             | NV      | -0.005                                    | 0.004 | -0.001 | 0.002  | 0.004 | 0.000  |
| +30             | NV      | 0.003                                     | 0.004 | 0.000  | 0.001  | 0.004 | 0.001  |
| +40             | NV      | -0.002                                    | 0.001 | 0.000  | -0.004 | 0.005 | 0.003  |
| +50             | NV      | -0.001                                    | 0.006 | 0.001  | -0.002 | 0.007 | -0.001 |
| +55             | NV      | -0.003                                    | 0.004 | 0.006  | -0.004 | 0.004 | -0.005 |
| +20             | LV      | -0.010                                    | 0.005 | -0.001 | -0.004 | 0.004 | 0.001  |
| +20             | HV      | 0.001                                     | 0.005 | 0.001  | -0.003 | 0.005 | 0.002  |

## 8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |       |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|-------|
| QPSK       | 1850.7                  | 18607      | 1.4 | 1       | 0         | 21.05                  | 25.05           | 0.320         |       |
|            |                         |            |     | 1       | 3         | 21.08                  | 25.08           | 0.322         |       |
|            |                         |            |     | 1       | 5         | 21.06                  | 25.06           | 0.321         |       |
|            |                         |            |     | 3       | 0         | 21.08                  | 25.08           | 0.322         |       |
|            |                         |            |     | 3       | 1         | 21.05                  | 25.05           | 0.320         |       |
|            |                         |            |     | 3       | 3         | 21.10                  | 25.10           | 0.324         |       |
|            |                         |            |     | 6       | 0         | 20.07                  | 24.07           | 0.255         |       |
|            | 1880                    | 18900      |     | 1       | 0         | 20.95                  | 24.95           | 0.313         |       |
|            |                         |            |     | 1       | 3         | 20.90                  | 24.90           | 0.309         |       |
|            |                         |            |     | 1       | 5         | 20.86                  | 24.86           | 0.306         |       |
|            |                         |            |     | 3       | 0         | 20.89                  | 24.89           | 0.308         |       |
|            |                         |            |     | 3       | 1         | 20.86                  | 24.86           | 0.306         |       |
|            |                         |            |     | 3       | 3         | 20.88                  | 24.88           | 0.308         |       |
|            |                         |            |     | 6       | 0         | 19.88                  | 23.88           | 0.244         |       |
|            | 1909.3                  | 19193      |     | 1       | 0         | 21.30                  | 25.30           | 0.339         |       |
|            |                         |            |     | 1       | 3         | 21.24                  | 25.24           | 0.334         |       |
|            |                         |            |     | 1       | 5         | 21.37                  | 25.37           | 0.344         |       |
|            |                         |            |     | 3       | 0         | 21.34                  | 25.34           | 0.342         |       |
|            |                         |            |     | 3       | 1         | 21.36                  | 25.36           | 0.344         |       |
|            |                         |            |     | 3       | 3         | 21.30                  | 25.30           | 0.339         |       |
|            |                         |            |     | 6       | 0         | 20.25                  | 24.25           | 0.266         |       |
|            | 16QAM                   | 1850.7     |     | 18607   | 1         | 0                      | 20.21           | 24.21         | 0.264 |
|            |                         |            |     |         | 1         | 3                      | 20.11           | 24.11         | 0.258 |
|            |                         |            |     |         | 1         | 5                      | 20.15           | 24.15         | 0.260 |
| 3          |                         |            |     |         | 0         | 20.29                  | 24.29           | 0.269         |       |
| 3          |                         |            |     |         | 1         | 20.33                  | 24.33           | 0.271         |       |
| 3          |                         |            |     |         | 3         | 20.34                  | 24.34           | 0.272         |       |
| 6          |                         |            |     |         | 0         | 19.19                  | 23.19           | 0.208         |       |
| 1880       |                         | 18900      |     | 1       | 0         | 20.01                  | 24.01           | 0.252         |       |
|            |                         |            |     | 1       | 3         | 19.99                  | 23.99           | 0.251         |       |
|            |                         |            |     | 1       | 5         | 19.98                  | 23.98           | 0.250         |       |
|            |                         |            |     | 3       | 0         | 19.87                  | 23.87           | 0.244         |       |
|            |                         |            |     | 3       | 1         | 19.85                  | 23.85           | 0.243         |       |
|            |                         |            |     | 3       | 3         | 19.85                  | 23.85           | 0.243         |       |
|            |                         |            |     | 6       | 0         | 18.99                  | 22.99           | 0.199         |       |
| 1909.3     |                         | 19193      |     | 1       | 0         | 20.52                  | 24.52           | 0.283         |       |
|            |                         |            |     | 1       | 3         | 20.49                  | 24.49           | 0.281         |       |
|            |                         |            |     | 1       | 5         | 20.51                  | 24.51           | 0.282         |       |
|            |                         |            |     | 3       | 0         | 20.42                  | 24.42           | 0.277         |       |
|            |                         |            |     | 3       | 1         | 20.36                  | 24.36           | 0.273         |       |
|            |                         |            |     | 3       | 3         | 20.36                  | 24.36           | 0.273         |       |
|            |                         |            |     | 6       | 0         | 19.07                  | 23.07           | 0.203         |       |

| Modulation | Carrier frequern<br>cy<br>(MHz) | UL<br>Channel | BW  | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|-----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 64QAM      | 1850.7                          | 18607         | 1.4 | 1       | 0            | 19.18                           | 23.18                 | 0.208               |
|            |                                 |               |     | 1       | 3            | 19.17                           | 23.17                 | 0.207               |
|            |                                 |               |     | 1       | 5            | 19.16                           | 23.16                 | 0.207               |
|            |                                 |               |     | 3       | 0            | 19.14                           | 23.14                 | 0.206               |
|            |                                 |               |     | 3       | 1            | 19.13                           | 23.13                 | 0.206               |
|            |                                 |               |     | 3       | 3            | 19.12                           | 23.12                 | 0.205               |
|            |                                 |               |     | 6       | 0            | 19.11                           | 23.11                 | 0.205               |
|            | 1880                            | 18900         |     | 1       | 0            | 18.99                           | 22.99                 | 0.199               |
|            |                                 |               |     | 1       | 3            | 18.93                           | 22.93                 | 0.196               |
|            |                                 |               |     | 1       | 5            | 18.96                           | 22.96                 | 0.198               |
|            |                                 |               |     | 3       | 0            | 18.90                           | 22.90                 | 0.195               |
|            |                                 |               |     | 3       | 1            | 19.00                           | 23.00                 | 0.200               |
|            |                                 |               |     | 3       | 3            | 18.99                           | 22.99                 | 0.199               |
|            |                                 |               |     | 6       | 0            | 18.96                           | 22.96                 | 0.198               |
|            | 1909.3                          | 19193         |     | 1       | 0            | 19.15                           | 23.15                 | 0.207               |
|            |                                 |               |     | 1       | 3            | 19.15                           | 23.15                 | 0.207               |
|            |                                 |               |     | 1       | 5            | 19.22                           | 23.22                 | 0.210               |
|            |                                 |               |     | 3       | 0            | 19.18                           | 23.18                 | 0.208               |
|            |                                 |               |     | 3       | 1            | 19.07                           | 23.07                 | 0.203               |
|            |                                 |               |     | 3       | 3            | 19.12                           | 23.12                 | 0.205               |
|            |                                 |               |     | 6       | 0            | 19.20                           | 23.20                 | 0.209               |

| Modulation | Carrier frequern<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| QPSK       | 1851.5                          | 18615         | 3  | 1       | 0            | 21.27                           | 25.27                 | 0.337               |
|            |                                 |               |    | 1       | 8            | 21.15                           | 25.15                 | 0.327               |
|            |                                 |               |    | 1       | 14           | 21.21                           | 25.21                 | 0.332               |
|            |                                 |               |    | 8       | 0            | 20.28                           | 24.28                 | 0.268               |
|            |                                 |               |    | 8       | 4            | 20.29                           | 24.29                 | 0.269               |
|            |                                 |               |    | 8       | 7            | 20.29                           | 24.29                 | 0.269               |
|            |                                 |               |    | 15      | 0            | 20.29                           | 24.29                 | 0.269               |
|            | 1880                            | 18900         |    | 1       | 0            | 21.02                           | 25.02                 | 0.318               |
|            |                                 |               |    | 1       | 8            | 20.98                           | 24.98                 | 0.315               |
|            |                                 |               |    | 1       | 14           | 20.97                           | 24.97                 | 0.314               |
|            |                                 |               |    | 8       | 0            | 20.03                           | 24.03                 | 0.253               |
|            |                                 |               |    | 8       | 4            | 19.98                           | 23.98                 | 0.250               |
|            |                                 |               |    | 8       | 7            | 20.01                           | 24.01                 | 0.252               |
|            |                                 |               |    | 15      | 0            | 20.03                           | 24.03                 | 0.253               |
|            | 1908.5                          | 19185         |    | 1       | 0            | 21.32                           | 25.32                 | 0.340               |
|            |                                 |               |    | 1       | 8            | 21.42                           | 25.42                 | 0.348               |
|            |                                 |               |    | 1       | 14           | 21.44                           | 25.44                 | 0.350               |
|            |                                 |               |    | 8       | 0            | 20.37                           | 24.37                 | 0.274               |
|            |                                 |               |    | 8       | 4            | 20.36                           | 24.36                 | 0.273               |
|            |                                 |               |    | 8       | 7            | 20.45                           | 24.45                 | 0.279               |
|            |                                 |               |    | 15      | 0            | 20.31                           | 24.31                 | 0.270               |
| 16QAM      | 1851.5                          | 18615         | 1  | 0       | 20.91        | 24.91                           | 0.310                 |                     |
|            |                                 |               | 1  | 8       | 20.84        | 24.84                           | 0.305                 |                     |
|            |                                 |               | 1  | 14      | 20.83        | 24.83                           | 0.304                 |                     |
|            |                                 |               | 8  | 0       | 19.45        | 23.45                           | 0.221                 |                     |
|            |                                 |               | 8  | 4       | 19.43        | 23.43                           | 0.220                 |                     |
|            |                                 |               | 8  | 7       | 19.44        | 23.44                           | 0.221                 |                     |
|            |                                 |               | 15 | 0       | 19.32        | 23.32                           | 0.215                 |                     |
|            | 1880                            | 18900         | 1  | 0       | 20.15        | 24.15                           | 0.260                 |                     |
|            |                                 |               | 1  | 8       | 20.03        | 24.03                           | 0.253                 |                     |
|            |                                 |               | 1  | 14      | 20.03        | 24.03                           | 0.253                 |                     |
|            |                                 |               | 8  | 0       | 18.97        | 22.97                           | 0.198                 |                     |
|            |                                 |               | 8  | 4       | 18.95        | 22.95                           | 0.197                 |                     |
|            |                                 |               | 8  | 7       | 18.95        | 22.95                           | 0.197                 |                     |
|            |                                 |               | 15 | 0       | 18.95        | 22.95                           | 0.197                 |                     |
|            | 1908.5                          | 19185         | 1  | 0       | 20.50        | 24.50                           | 0.282                 |                     |
|            |                                 |               | 1  | 8       | 20.13        | 24.13                           | 0.259                 |                     |
|            |                                 |               | 1  | 14      | 20.45        | 24.45                           | 0.279                 |                     |
|            |                                 |               | 8  | 0       | 19.34        | 23.34                           | 0.216                 |                     |
|            |                                 |               | 8  | 4       | 19.42        | 23.42                           | 0.220                 |                     |
|            |                                 |               | 8  | 7       | 19.42        | 23.42                           | 0.220                 |                     |
|            |                                 |               | 15 | 0       | 19.41        | 23.41                           | 0.219                 |                     |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1851.5                  | 18615      | 3  | 1       | 0         | 19.39                  | 23.39           | 0.218         |
|            |                         |            |    | 1       | 8         | 19.33                  | 23.33           | 0.215         |
|            |                         |            |    | 1       | 14        | 19.33                  | 23.33           | 0.215         |
|            |                         |            |    | 8       | 0         | 19.33                  | 23.33           | 0.215         |
|            |                         |            |    | 8       | 4         | 19.33                  | 23.33           | 0.215         |
|            |                         |            |    | 8       | 7         | 19.33                  | 23.33           | 0.215         |
|            |                         |            |    | 15      | 0         | 19.34                  | 23.34           | 0.216         |
|            | 1880                    | 18900      |    | 1       | 0         | 18.95                  | 22.95           | 0.197         |
|            |                         |            |    | 1       | 8         | 18.95                  | 22.95           | 0.197         |
|            |                         |            |    | 1       | 14        | 18.95                  | 22.95           | 0.197         |
|            |                         |            |    | 8       | 0         | 18.95                  | 22.95           | 0.197         |
|            |                         |            |    | 8       | 4         | 18.96                  | 22.96           | 0.198         |
|            |                         |            |    | 8       | 7         | 18.96                  | 22.96           | 0.198         |
|            |                         |            |    | 15      | 0         | 18.96                  | 22.96           | 0.198         |
|            | 1908.5                  | 19185      |    | 1       | 0         | 19.37                  | 23.37           | 0.217         |
|            |                         |            |    | 1       | 8         | 19.41                  | 23.41           | 0.219         |
|            |                         |            |    | 1       | 14        | 19.33                  | 23.33           | 0.215         |
|            |                         |            |    | 8       | 0         | 19.39                  | 23.39           | 0.218         |
|            |                         |            |    | 8       | 4         | 19.43                  | 23.43           | 0.220         |
|            |                         |            |    | 8       | 7         | 19.44                  | 23.44           | 0.221         |
|            |                         |            |    | 15      | 0         | 19.43                  | 23.43           | 0.220         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1852.5                  | 18625      | 5  | 1       | 0         | 21.41                  | 25.41           | 0.348         |
|            |                         |            |    | 1       | 12        | 21.24                  | 25.24           | 0.334         |
|            |                         |            |    | 1       | 24        | 21.23                  | 25.23           | 0.333         |
|            |                         |            |    | 12      | 0         | 20.27                  | 24.27           | 0.267         |
|            |                         |            |    | 12      | 7         | 20.22                  | 24.22           | 0.264         |
|            |                         |            |    | 12      | 13        | 20.19                  | 24.19           | 0.262         |
|            |                         |            |    | 25      | 0         | 20.28                  | 24.28           | 0.268         |
|            | 1880                    | 18900      |    | 1       | 0         | 21.11                  | 25.11           | 0.324         |
|            |                         |            |    | 1       | 12        | 20.96                  | 24.96           | 0.313         |
|            |                         |            |    | 1       | 24        | 20.94                  | 24.94           | 0.312         |
|            |                         |            |    | 12      | 0         | 20.00                  | 24.00           | 0.251         |
|            |                         |            |    | 12      | 7         | 19.97                  | 23.97           | 0.249         |
|            |                         |            |    | 12      | 13        | 19.96                  | 23.96           | 0.249         |
|            |                         |            |    | 25      | 0         | 19.99                  | 23.99           | 0.251         |
|            | 1907.5                  | 19175      |    | 1       | 0         | 21.40                  | 25.40           | 0.347         |
|            |                         |            |    | 1       | 12        | 21.47                  | 25.47           | 0.352         |
|            |                         |            |    | 1       | 24        | 21.41                  | 25.41           | 0.348         |
|            |                         |            |    | 12      | 0         | 20.40                  | 24.40           | 0.275         |
|            |                         |            |    | 12      | 7         | 20.31                  | 24.31           | 0.270         |
|            |                         |            |    | 12      | 13        | 20.29                  | 24.29           | 0.269         |
|            |                         |            |    | 25      | 0         | 20.32                  | 24.32           | 0.270         |
| 16QAM      | 1852.5                  | 18625      |    | 1       | 0         | 20.42                  | 24.42           | 0.277         |
|            |                         |            |    | 1       | 12        | 20.25                  | 24.25           | 0.266         |
|            |                         |            |    | 1       | 24        | 20.29                  | 24.29           | 0.269         |
|            |                         |            |    | 12      | 0         | 19.25                  | 23.25           | 0.211         |
|            |                         |            |    | 12      | 7         | 19.24                  | 23.24           | 0.211         |
|            |                         |            |    | 12      | 13        | 19.25                  | 23.25           | 0.211         |
|            |                         |            |    | 25      | 0         | 19.33                  | 23.33           | 0.215         |
|            | 1880                    | 18900      | 1  | 0       | 20.39     | 24.39                  | 0.275           |               |
|            |                         |            | 1  | 12      | 20.19     | 24.19                  | 0.262           |               |
|            |                         |            | 1  | 24      | 20.25     | 24.25                  | 0.266           |               |
|            |                         |            | 12 | 0       | 19.09     | 23.09                  | 0.204           |               |
|            |                         |            | 12 | 7       | 19.06     | 23.06                  | 0.202           |               |
|            |                         |            | 12 | 13      | 19.02     | 23.02                  | 0.200           |               |
|            |                         |            | 25 | 0       | 18.96     | 22.96                  | 0.198           |               |
|            | 1907.5                  | 19175      | 1  | 0       | 20.48     | 24.48                  | 0.281           |               |
|            |                         |            | 1  | 12      | 20.27     | 24.27                  | 0.267           |               |
|            |                         |            | 1  | 24      | 20.53     | 24.53                  | 0.284           |               |
|            |                         |            | 12 | 0       | 19.37     | 23.37                  | 0.217           |               |
|            |                         |            | 12 | 7       | 19.33     | 23.33                  | 0.215           |               |
|            |                         |            | 12 | 13      | 19.33     | 23.33                  | 0.215           |               |
|            |                         |            | 25 | 0       | 19.44     | 23.44                  | 0.221           |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1852.5                  | 18625      | 5  | 1       | 0         | 19.33                  | 23.33           | 0.215         |
|            |                         |            |    | 1       | 12        | 19.33                  | 23.33           | 0.215         |
|            |                         |            |    | 1       | 24        | 19.34                  | 23.34           | 0.216         |
|            |                         |            |    | 12      | 0         | 19.34                  | 23.34           | 0.216         |
|            |                         |            |    | 12      | 7         | 19.34                  | 23.34           | 0.216         |
|            |                         |            |    | 12      | 13        | 19.34                  | 23.34           | 0.216         |
|            |                         |            |    | 25      | 0         | 19.34                  | 23.34           | 0.216         |
|            | 1880                    | 18900      |    | 1       | 0         | 19.05                  | 23.05           | 0.202         |
|            |                         |            |    | 1       | 12        | 18.97                  | 22.97           | 0.198         |
|            |                         |            |    | 1       | 24        | 19.09                  | 23.09           | 0.204         |
|            |                         |            |    | 12      | 0         | 19.01                  | 23.01           | 0.200         |
|            |                         |            |    | 12      | 7         | 18.98                  | 22.98           | 0.199         |
|            |                         |            |    | 12      | 13        | 18.98                  | 22.98           | 0.199         |
|            |                         |            |    | 25      | 0         | 18.99                  | 22.99           | 0.199         |
|            | 1907.5                  | 19175      |    | 1       | 0         | 19.44                  | 23.44           | 0.221         |
|            |                         |            |    | 1       | 12        | 19.45                  | 23.45           | 0.221         |
|            |                         |            |    | 1       | 24        | 19.42                  | 23.42           | 0.220         |
|            |                         |            |    | 12      | 0         | 19.42                  | 23.42           | 0.220         |
|            |                         |            |    | 12      | 7         | 19.45                  | 23.45           | 0.221         |
|            |                         |            |    | 12      | 13        | 19.36                  | 23.36           | 0.217         |
|            |                         |            |    | 25      | 0         | 19.42                  | 23.42           | 0.220         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1855                    | 18650      | 10 | 1       | 0         | 21.53                  | 25.53           | 0.357         |
|            |                         |            |    | 1       | 25        | 21.41                  | 25.41           | 0.348         |
|            |                         |            |    | 1       | 49        | 21.43                  | 25.43           | 0.349         |
|            |                         |            |    | 25      | 0         | 20.31                  | 24.31           | 0.270         |
|            |                         |            |    | 25      | 12        | 20.22                  | 24.22           | 0.264         |
|            |                         |            |    | 25      | 25        | 20.23                  | 24.23           | 0.265         |
|            |                         |            |    | 50      | 0         | 20.26                  | 24.26           | 0.267         |
|            | 1880                    | 18900      |    | 1       | 0         | 21.38                  | 25.38           | 0.345         |
|            |                         |            |    | 1       | 25        | 21.16                  | 25.16           | 0.328         |
|            |                         |            |    | 1       | 49        | 21.20                  | 25.20           | 0.331         |
|            |                         |            |    | 25      | 0         | 20.08                  | 24.08           | 0.256         |
|            |                         |            |    | 25      | 12        | 20.03                  | 24.03           | 0.253         |
|            |                         |            |    | 25      | 25        | 20.03                  | 24.03           | 0.253         |
|            |                         |            |    | 50      | 0         | 20.06                  | 24.06           | 0.255         |
|            | 1905                    | 19150      |    | 1       | 0         | 21.34                  | 25.34           | 0.342         |
|            |                         |            |    | 1       | 25        | 21.41                  | 25.41           | 0.348         |
|            |                         |            |    | 1       | 49        | 21.50                  | 25.50           | 0.355         |
|            |                         |            |    | 25      | 0         | 20.32                  | 24.32           | 0.270         |
|            |                         |            |    | 25      | 12        | 20.39                  | 24.39           | 0.275         |
|            |                         |            |    | 25      | 25        | 20.37                  | 24.37           | 0.274         |
|            |                         |            |    | 50      | 0         | 20.42                  | 24.42           | 0.277         |
| 16QAM      | 1855                    | 18650      |    | 1       | 0         | 21.17                  | 25.17           | 0.329         |
|            |                         |            |    | 1       | 25        | 21.05                  | 25.05           | 0.320         |
|            |                         |            |    | 1       | 49        | 20.99                  | 24.99           | 0.316         |
|            |                         |            |    | 25      | 0         | 19.39                  | 23.39           | 0.218         |
|            |                         |            |    | 25      | 12        | 19.24                  | 23.24           | 0.211         |
|            |                         |            |    | 25      | 25        | 19.24                  | 23.24           | 0.211         |
|            |                         |            |    | 50      | 0         | 19.30                  | 23.30           | 0.214         |
|            | 1880                    | 18900      | 1  | 0       | 20.43     | 24.43                  | 0.277           |               |
|            |                         |            | 1  | 25      | 20.31     | 24.31                  | 0.270           |               |
|            |                         |            | 1  | 49      | 20.20     | 24.20                  | 0.263           |               |
|            |                         |            | 25 | 0       | 19.16     | 23.16                  | 0.207           |               |
|            |                         |            | 25 | 12      | 19.02     | 23.02                  | 0.200           |               |
|            |                         |            | 25 | 25      | 19.05     | 23.05                  | 0.202           |               |
|            |                         |            | 50 | 0       | 19.06     | 23.06                  | 0.202           |               |
|            | 1905                    | 19150      | 1  | 0       | 20.40     | 24.40                  | 0.275           |               |
|            |                         |            | 1  | 25      | 20.18     | 24.18                  | 0.262           |               |
|            |                         |            | 1  | 49      | 20.35     | 24.35                  | 0.272           |               |
|            |                         |            | 25 | 0       | 19.46     | 23.46                  | 0.222           |               |
|            |                         |            | 25 | 12      | 19.50     | 23.50                  | 0.224           |               |
|            |                         |            | 25 | 25      | 19.50     | 23.50                  | 0.224           |               |
|            |                         |            | 50 | 0       | 19.51     | 23.51                  | 0.224           |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1855                    | 18650      | 10 | 1       | 0         | 19.30                  | 23.30           | 0.214         |
|            |                         |            |    | 1       | 25        | 19.24                  | 23.24           | 0.211         |
|            |                         |            |    | 1       | 49        | 19.28                  | 23.28           | 0.213         |
|            |                         |            |    | 25      | 0         | 19.31                  | 23.31           | 0.214         |
|            |                         |            |    | 25      | 12        | 19.31                  | 23.31           | 0.214         |
|            |                         |            |    | 25      | 25        | 19.28                  | 23.28           | 0.213         |
|            |                         |            |    | 50      | 0         | 19.28                  | 23.28           | 0.213         |
|            | 1880                    | 18900      |    | 1       | 0         | 19.06                  | 23.06           | 0.202         |
|            |                         |            |    | 1       | 25        | 19.07                  | 23.07           | 0.203         |
|            |                         |            |    | 1       | 49        | 19.07                  | 23.07           | 0.203         |
|            |                         |            |    | 25      | 0         | 19.07                  | 23.07           | 0.203         |
|            |                         |            |    | 25      | 12        | 19.08                  | 23.08           | 0.203         |
|            |                         |            |    | 25      | 25        | 19.08                  | 23.08           | 0.203         |
|            |                         |            |    | 50      | 0         | 19.08                  | 23.08           | 0.203         |
|            | 1905                    | 19150      |    | 1       | 0         | 19.48                  | 23.48           | 0.223         |
|            |                         |            |    | 1       | 25        | 19.49                  | 23.49           | 0.223         |
|            |                         |            |    | 1       | 49        | 19.49                  | 23.49           | 0.223         |
|            |                         |            |    | 25      | 0         | 19.50                  | 23.50           | 0.224         |
|            |                         |            |    | 25      | 12        | 19.46                  | 23.46           | 0.222         |
|            |                         |            |    | 25      | 25        | 19.47                  | 23.47           | 0.222         |
|            |                         |            |    | 50      | 0         | 19.47                  | 23.47           | 0.222         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1857.5                  | 18675      | 15 | 1       | 0         | 21.37                  | 25.37           | 0.344         |
|            |                         |            |    | 1       | 37        | 21.10                  | 25.10           | 0.324         |
|            |                         |            |    | 1       | 74        | 21.10                  | 25.10           | 0.324         |
|            |                         |            |    | 36      | 0         | 20.30                  | 24.30           | 0.269         |
|            |                         |            |    | 36      | 29        | 20.25                  | 24.25           | 0.266         |
|            |                         |            |    | 36      | 30        | 20.25                  | 24.25           | 0.266         |
|            |                         |            |    | 75      | 0         | 20.22                  | 24.22           | 0.264         |
|            | 1880                    | 18900      |    | 1       | 0         | 21.24                  | 25.24           | 0.334         |
|            |                         |            |    | 1       | 37        | 21.11                  | 25.11           | 0.324         |
|            |                         |            |    | 1       | 74        | 21.01                  | 25.01           | 0.317         |
|            |                         |            |    | 36      | 0         | 20.13                  | 24.13           | 0.259         |
|            |                         |            |    | 36      | 29        | 20.05                  | 24.05           | 0.254         |
|            |                         |            |    | 36      | 30        | 20.04                  | 24.04           | 0.254         |
|            |                         |            |    | 75      | 0         | 20.06                  | 24.06           | 0.255         |
|            | 1902.5                  | 19125      |    | 1       | 0         | 21.47                  | 25.47           | 0.352         |
|            |                         |            |    | 1       | 37        | 21.49                  | 25.49           | 0.354         |
|            |                         |            |    | 1       | 74        | 21.55                  | 25.55           | 0.359         |
|            |                         |            |    | 36      | 0         | 20.41                  | 24.41           | 0.276         |
|            |                         |            |    | 36      | 29        | 20.46                  | 24.46           | 0.279         |
|            |                         |            |    | 36      | 30        | 20.56                  | 24.56           | 0.286         |
|            |                         |            |    | 75      | 0         | 20.45                  | 24.45           | 0.279         |
| 16QAM      | 1857.5                  | 18675      | 1  | 0       | 20.97     | 24.97                  | 0.314           |               |
|            |                         |            | 1  | 37      | 20.73     | 24.73                  | 0.297           |               |
|            |                         |            | 1  | 74      | 20.73     | 24.73                  | 0.297           |               |
|            |                         |            | 36 | 0       | 19.35     | 23.35                  | 0.216           |               |
|            |                         |            | 36 | 29      | 19.30     | 23.30                  | 0.214           |               |
|            |                         |            | 36 | 30      | 19.28     | 23.28                  | 0.213           |               |
|            |                         |            | 75 | 0       | 19.21     | 23.21                  | 0.209           |               |
|            | 1880                    | 18900      | 1  | 0       | 20.37     | 24.37                  | 0.274           |               |
|            |                         |            | 1  | 37      | 20.23     | 24.23                  | 0.265           |               |
|            |                         |            | 1  | 74      | 20.25     | 24.25                  | 0.266           |               |
|            |                         |            | 36 | 0       | 19.16     | 23.16                  | 0.207           |               |
|            |                         |            | 36 | 29      | 19.02     | 23.02                  | 0.200           |               |
|            |                         |            | 36 | 30      | 19.02     | 23.02                  | 0.200           |               |
|            |                         |            | 75 | 0       | 19.06     | 23.06                  | 0.202           |               |
|            | 1902.5                  | 19125      | 1  | 0       | 21.12     | 25.12                  | 0.325           |               |
|            |                         |            | 1  | 37      | 21.01     | 25.01                  | 0.317           |               |
|            |                         |            | 1  | 74      | 21.25     | 25.25                  | 0.335           |               |
|            |                         |            | 36 | 0       | 19.51     | 23.51                  | 0.224           |               |
|            |                         |            | 36 | 29      | 19.51     | 23.51                  | 0.224           |               |
|            |                         |            | 36 | 30      | 19.52     | 23.52                  | 0.225           |               |
|            |                         |            | 75 | 0       | 19.48     | 23.48                  | 0.223           |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1857.5                  | 18675      | 15 | 1       | 0         | 19.20                  | 23.20           | 0.209         |
|            |                         |            |    | 1       | 37        | 19.20                  | 23.20           | 0.209         |
|            |                         |            |    | 1       | 74        | 19.21                  | 23.21           | 0.209         |
|            |                         |            |    | 36      | 0         | 19.21                  | 23.21           | 0.209         |
|            |                         |            |    | 36      | 29        | 19.27                  | 23.27           | 0.212         |
|            |                         |            |    | 36      | 30        | 19.24                  | 23.24           | 0.211         |
|            |                         |            |    | 75      | 0         | 19.21                  | 23.21           | 0.209         |
|            | 1880                    | 18900      |    | 1       | 0         | 19.06                  | 23.06           | 0.202         |
|            |                         |            |    | 1       | 37        | 19.07                  | 23.07           | 0.203         |
|            |                         |            |    | 1       | 74        | 19.07                  | 23.07           | 0.203         |
|            |                         |            |    | 36      | 0         | 19.08                  | 23.08           | 0.203         |
|            |                         |            |    | 36      | 29        | 19.08                  | 23.08           | 0.203         |
|            |                         |            |    | 36      | 30        | 19.08                  | 23.08           | 0.203         |
|            |                         |            |    | 75      | 0         | 19.08                  | 23.08           | 0.203         |
|            | 1902.5                  | 19125      |    | 1       | 0         | 19.42                  | 23.42           | 0.220         |
|            |                         |            |    | 1       | 37        | 19.43                  | 23.43           | 0.220         |
|            |                         |            |    | 1       | 74        | 19.43                  | 23.43           | 0.220         |
|            |                         |            |    | 36      | 0         | 19.34                  | 23.34           | 0.216         |
|            |                         |            |    | 36      | 29        | 19.35                  | 23.35           | 0.216         |
|            |                         |            |    | 36      | 30        | 19.35                  | 23.35           | 0.216         |
|            |                         |            |    | 75      | 0         | 19.35                  | 23.35           | 0.216         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1860                    | 18700      | 20  | 1       | 0         | 21.59                  | 25.59           | 0.362         |
|            |                         |            |     | 1       | 49        | 21.31                  | 25.31           | 0.340         |
|            |                         |            |     | 1       | 99        | 21.21                  | 25.21           | 0.332         |
|            |                         |            |     | 50      | 0         | 20.36                  | 24.36           | 0.273         |
|            |                         |            |     | 50      | 24        | 20.15                  | 24.15           | 0.260         |
|            |                         |            |     | 50      | 50        | 20.19                  | 24.19           | 0.262         |
|            |                         |            |     | 100     | 0         | 20.20                  | 24.20           | 0.263         |
|            | 1880                    | 18900      |     | 1       | 0         | 21.43                  | 25.43           | 0.349         |
|            |                         |            |     | 1       | 49        | 21.33                  | 25.33           | 0.341         |
|            |                         |            |     | 1       | 99        | 21.33                  | 25.33           | 0.341         |
|            |                         |            |     | 50      | 0         | 20.24                  | 24.24           | 0.265         |
|            |                         |            |     | 50      | 24        | 19.98                  | 23.98           | 0.250         |
|            |                         |            |     | 50      | 50        | 19.98                  | 23.98           | 0.250         |
|            |                         |            |     | 100     | 0         | 20.11                  | 24.11           | 0.258         |
|            | 1900                    | 19100      |     | 1       | 0         | 21.42                  | 25.42           | 0.348         |
|            |                         |            |     | 1       | 49        | 21.56                  | 25.56           | 0.360         |
|            |                         |            |     | 1       | 99        | 21.67                  | 25.67           | 0.369         |
|            |                         |            |     | 50      | 0         | 20.54                  | 24.54           | 0.284         |
|            |                         |            |     | 50      | 24        | 20.50                  | 24.50           | 0.282         |
|            |                         |            |     | 50      | 50        | 20.57                  | 24.57           | 0.286         |
|            |                         |            |     | 100     | 0         | 20.58                  | 24.58           | 0.287         |
| 16QAM      | 1860                    | 18700      |     | 1       | 0         | 20.85                  | 24.85           | 0.305         |
|            |                         |            |     | 1       | 49        | 20.53                  | 24.53           | 0.284         |
|            |                         |            |     | 1       | 99        | 20.54                  | 24.54           | 0.284         |
|            |                         |            |     | 50      | 0         | 19.36                  | 23.36           | 0.217         |
|            |                         |            |     | 50      | 24        | 19.20                  | 23.20           | 0.209         |
|            |                         |            |     | 50      | 50        | 19.15                  | 23.15           | 0.207         |
|            |                         |            |     | 100     | 0         | 19.19                  | 23.19           | 0.208         |
|            | 1880                    | 18900      | 1   | 0       | 20.63     | 24.63                  | 0.290           |               |
|            |                         |            | 1   | 49      | 20.57     | 24.57                  | 0.286           |               |
|            |                         |            | 1   | 99      | 20.38     | 24.38                  | 0.274           |               |
|            |                         |            | 50  | 0       | 19.18     | 23.18                  | 0.208           |               |
|            |                         |            | 50  | 24      | 19.00     | 23.00                  | 0.200           |               |
|            |                         |            | 50  | 50      | 19.03     | 23.03                  | 0.201           |               |
|            |                         |            | 100 | 0       | 19.10     | 23.10                  | 0.204           |               |
|            | 1900                    | 19100      | 1   | 0       | 21.12     | 25.12                  | 0.325           |               |
|            |                         |            | 1   | 49      | 21.26     | 25.26                  | 0.336           |               |
|            |                         |            | 1   | 99      | 21.02     | 25.02                  | 0.318           |               |
|            |                         |            | 50  | 0       | 19.58     | 23.58                  | 0.228           |               |
|            |                         |            | 50  | 24      | 19.57     | 23.57                  | 0.228           |               |
|            |                         |            | 50  | 50      | 19.55     | 23.55                  | 0.226           |               |
|            |                         |            | 100 | 0       | 19.55     | 23.55                  | 0.226           |               |

| Modulation | Carrier frequen<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|--------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 64QAM      | 1860                           | 18700         | 20 | 1       | 0            | 19.25                           | 23.25                 | 0.211               |
|            |                                |               |    | 1       | 49           | 19.25                           | 23.25                 | 0.211               |
|            |                                |               |    | 1       | 99           | 19.25                           | 23.25                 | 0.211               |
|            |                                |               |    | 50      | 0            | 19.16                           | 23.16                 | 0.207               |
|            |                                |               |    | 50      | 24           | 19.26                           | 23.26                 | 0.212               |
|            |                                |               |    | 50      | 50           | 19.23                           | 23.23                 | 0.210               |
|            |                                |               |    | 100     | 0            | 19.23                           | 23.23                 | 0.210               |
|            | 1880                           | 18900         |    | 1       | 0            | 19.11                           | 23.11                 | 0.205               |
|            |                                |               |    | 1       | 49           | 19.11                           | 23.11                 | 0.205               |
|            |                                |               |    | 1       | 99           | 19.11                           | 23.11                 | 0.205               |
|            |                                |               |    | 50      | 0            | 19.12                           | 23.12                 | 0.205               |
|            |                                |               |    | 50      | 24           | 19.12                           | 23.12                 | 0.205               |
|            |                                |               |    | 50      | 50           | 19.12                           | 23.12                 | 0.205               |
|            |                                |               |    | 100     | 0            | 19.12                           | 23.12                 | 0.205               |
|            | 1900                           | 19100         |    | 1       | 0            | 19.55                           | 23.55                 | 0.226               |
|            |                                |               |    | 1       | 49           | 19.52                           | 23.52                 | 0.225               |
|            |                                |               |    | 1       | 99           | 19.57                           | 23.57                 | 0.228               |
|            |                                |               |    | 50      | 0            | 19.58                           | 23.58                 | 0.228               |
|            |                                |               |    | 50      | 24           | 19.58                           | 23.58                 | 0.228               |
|            |                                |               |    | 50      | 50           | 19.58                           | 23.58                 | 0.228               |
|            |                                |               |    | 100     | 0            | 19.50                           | 23.50                 | 0.224               |