

Fig.91



Fig.92

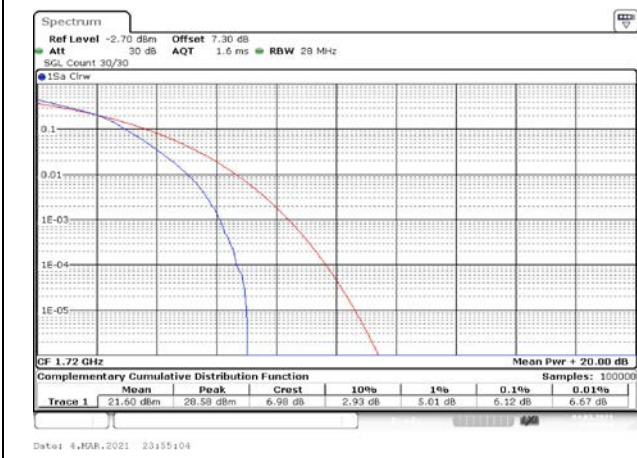


Fig.93

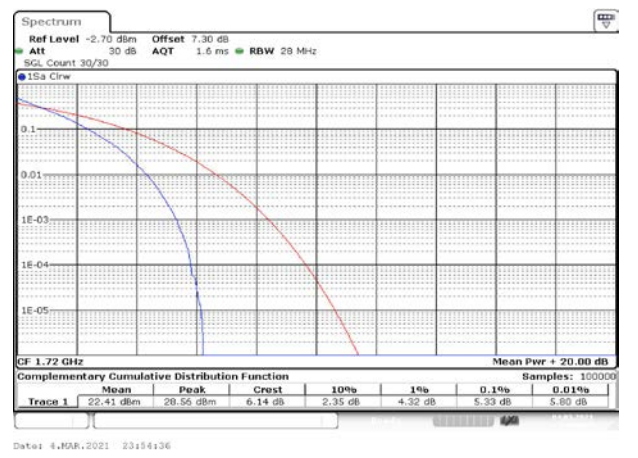


Fig.94

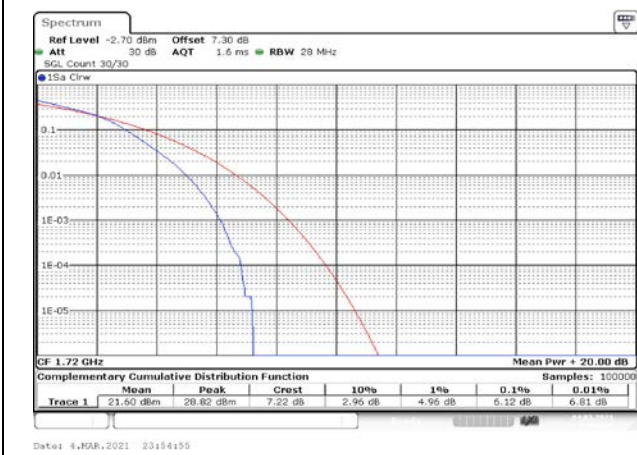


Fig.95

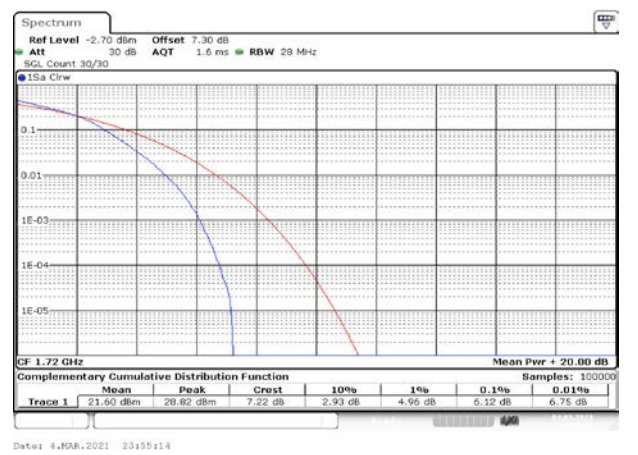


Fig.96

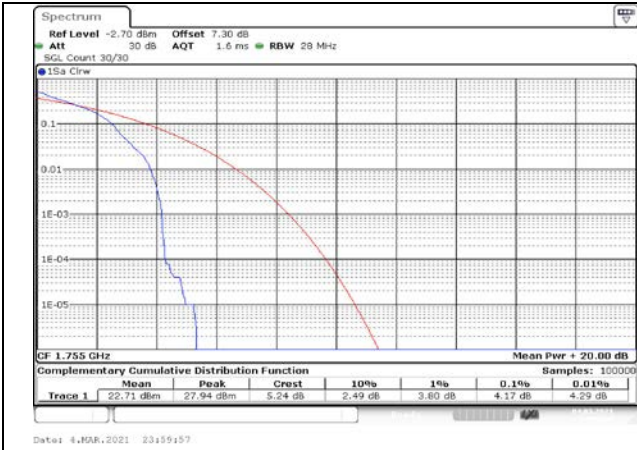


Fig.97

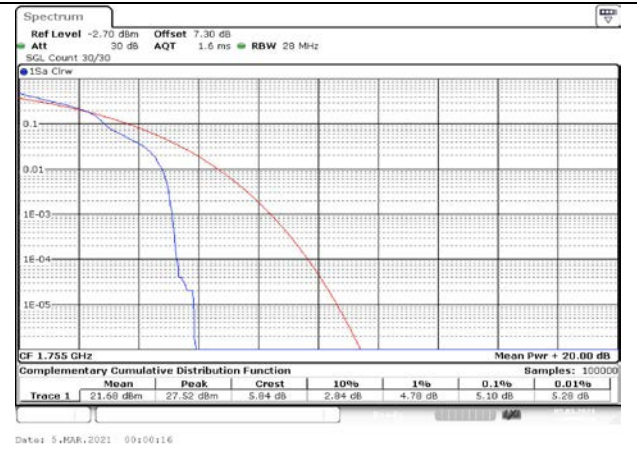


Fig.98

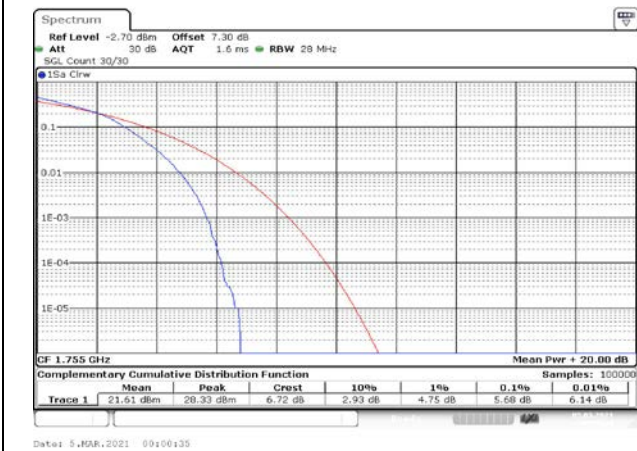


Fig.99

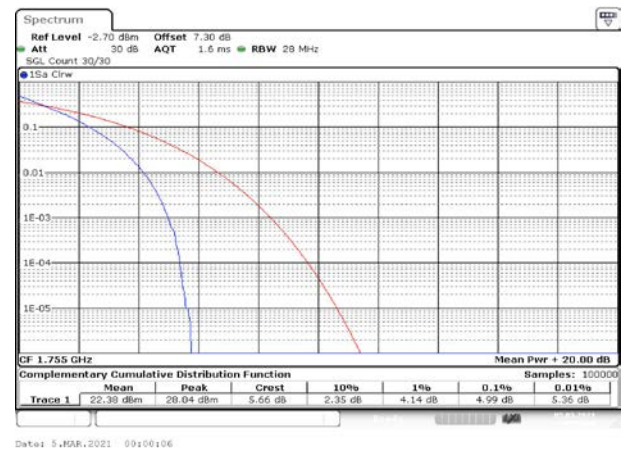


Fig.100

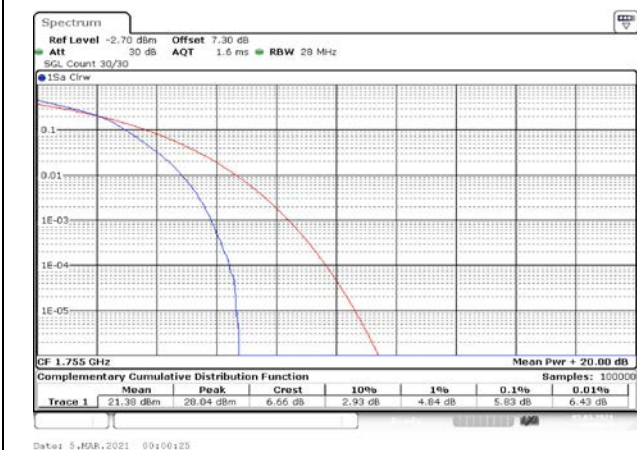


Fig.101

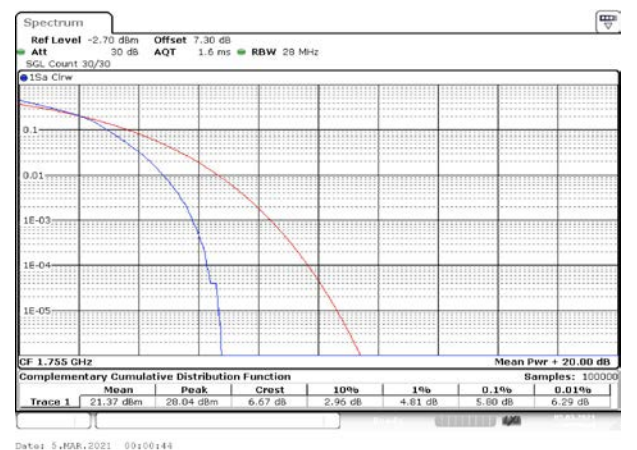


Fig.102

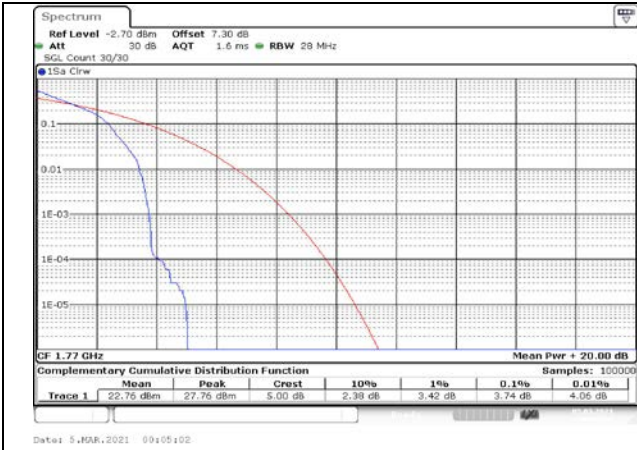


Fig.103

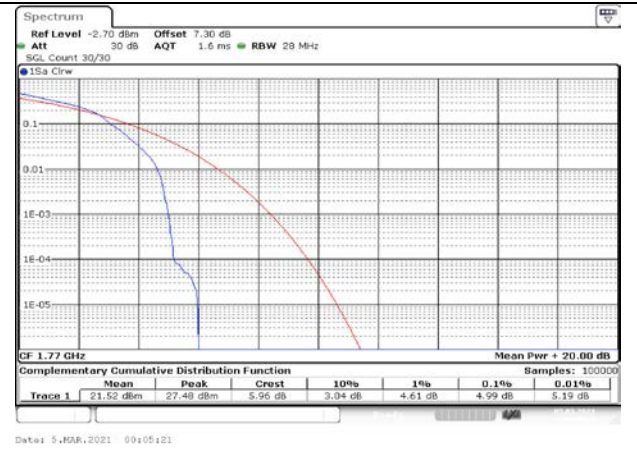


Fig.104

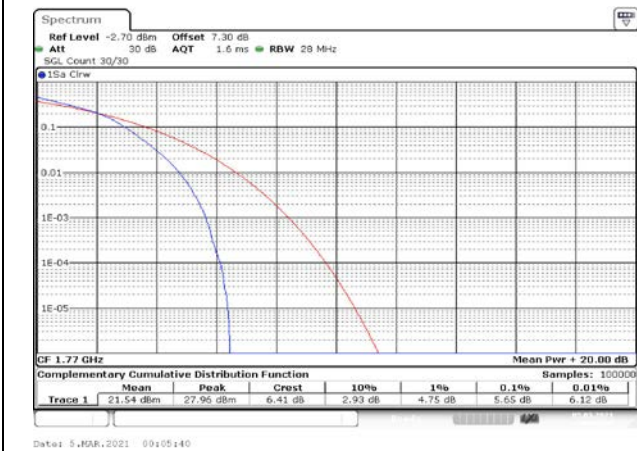


Fig.105

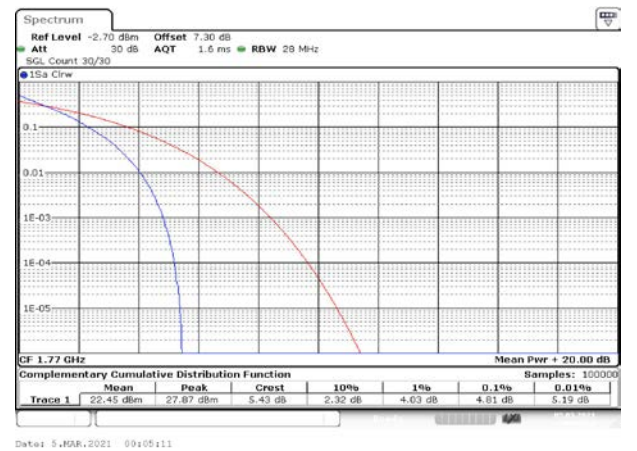


Fig.106

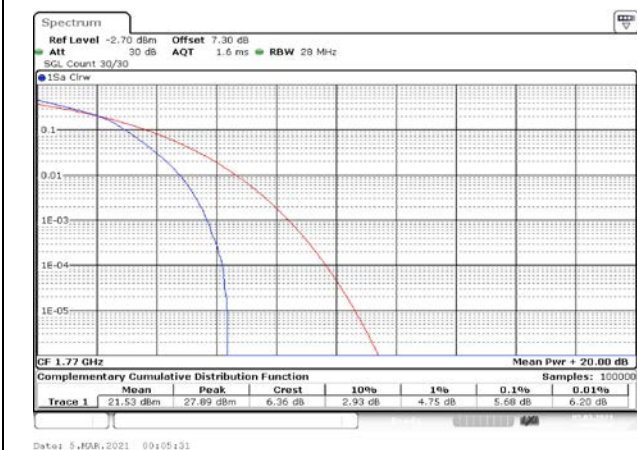


Fig.107

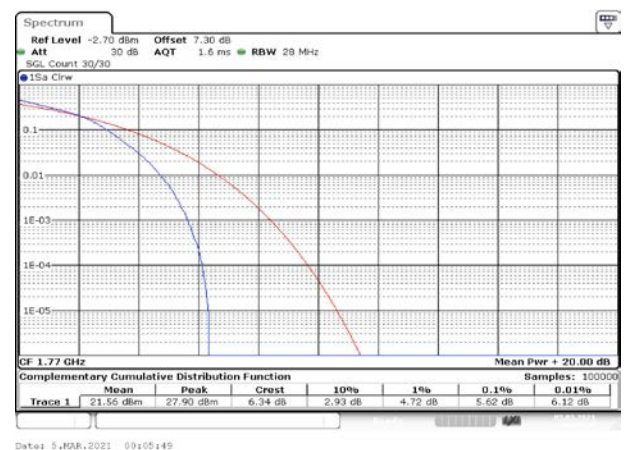


Fig.108

**5 Spurious Emissions at antenna terminal**

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 66   | 1720                    | 132072  | 20 | 1       | 0         | Fig.1                   |
|      | 1755                    | 132422  |    | 1       | 0         | Fig.2                   |
|      | 1770                    | 132572  |    | 1       | 0         | Fig.3                   |

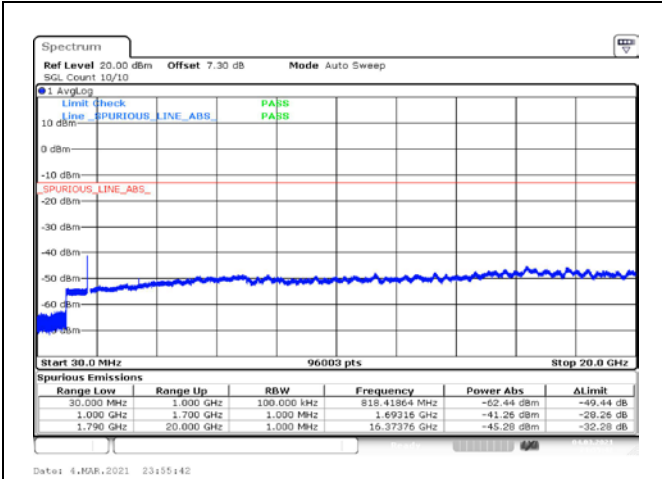


Fig.1

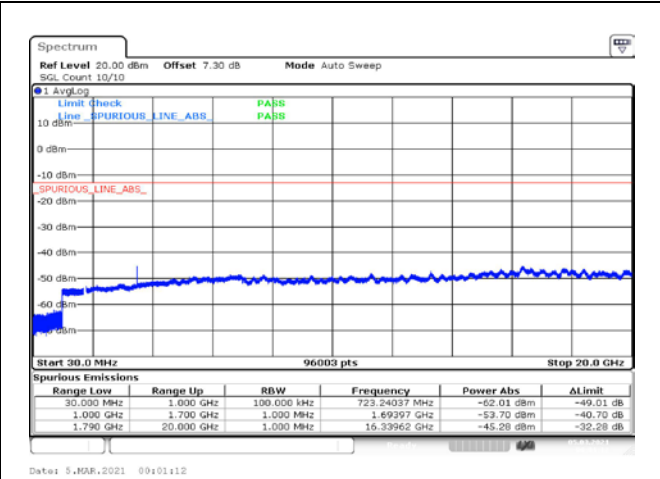


Fig.2

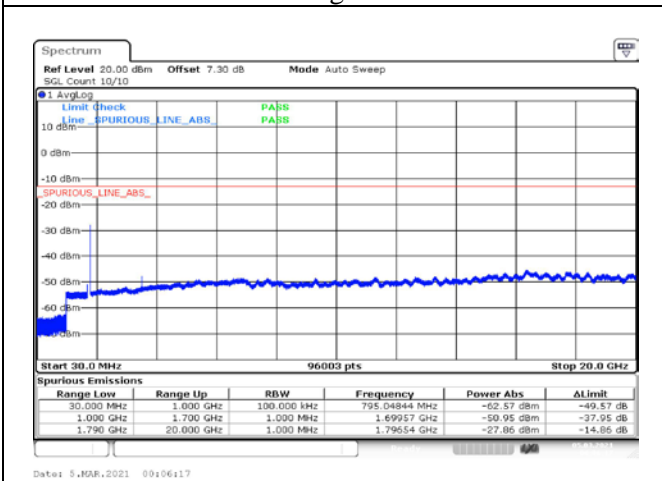


Fig.3

## 6 Band Edges Compliance

| Band | Carrier frequency (MHz) | Channel | BW  | RB Size | RB Offset | Band Edges Plot |
|------|-------------------------|---------|-----|---------|-----------|-----------------|
|      |                         |         |     |         |           | QPSK            |
| 66   | 1710.7                  | 131979  | 1.4 | 1       | 0         | Fig.1           |
|      |                         |         |     | 6       | 0         | Fig.2           |
|      | 1779.3                  | 132665  |     | 1       | 5         | Fig.3           |
|      |                         |         |     | 6       | 0         | Fig.4           |
|      | 1711.5                  | 131987  | 3   | 1       | 0         | Fig.5           |
|      |                         |         |     | 15      | 0         | Fig.6           |
|      | 1778.5                  | 132657  |     | 1       | 14        | Fig.7           |
|      |                         |         |     | 15      | 0         | Fig.8           |
|      | 1712.5                  | 131997  | 5   | 1       | 0         | Fig.9           |
|      |                         |         |     | 25      | 0         | Fig.10          |
|      | 1777.5                  | 132647  |     | 1       | 24        | Fig.11          |
|      |                         |         |     | 25      | 0         | Fig.12          |
|      | 1715                    | 132022  | 10  | 1       | 0         | Fig.13          |
|      |                         |         |     | 50      | 0         | Fig.14          |
|      | 1775                    | 132622  |     | 1       | 49        | Fig.15          |
|      |                         |         |     | 50      | 0         | Fig.16          |
|      | 1717.5                  | 132047  | 15  | 1       | 0         | Fig.17          |
|      |                         |         |     | 75      | 0         | Fig.18          |
|      | 1772.5                  | 132597  |     | 1       | 74        | Fig.19          |
|      |                         |         |     | 75      | 0         | Fig.20          |
|      | 1720                    | 132072  | 20  | 1       | 0         | Fig.21          |
|      |                         |         |     | 100     | 0         | Fig.22          |
|      | 1770                    | 132572  |     | 1       | 99        | Fig.23          |
|      |                         |         |     | 100     | 0         | Fig.24          |

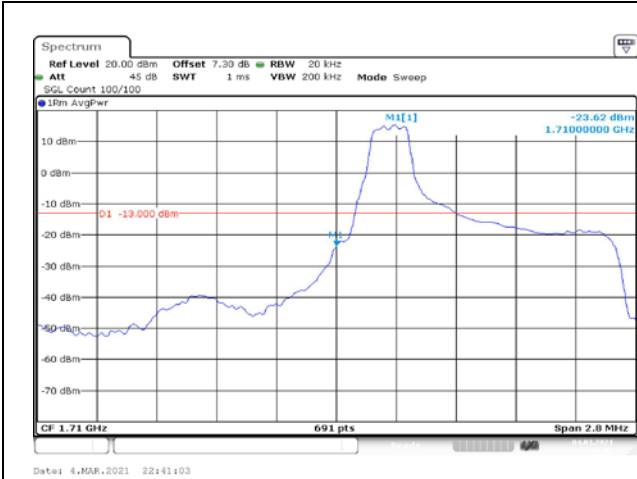


Fig.1

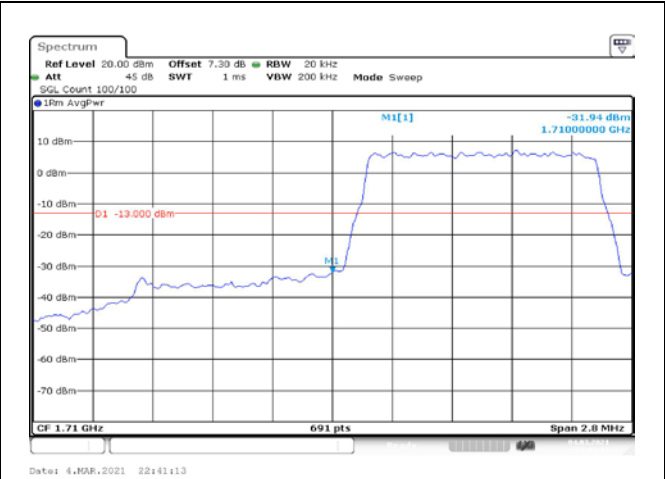


Fig.2

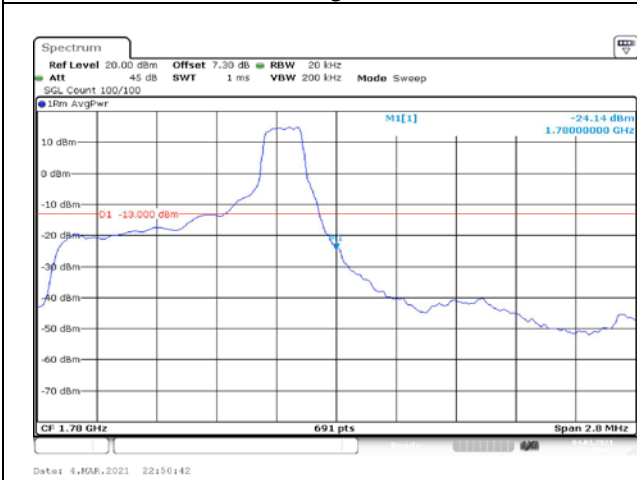


Fig.3

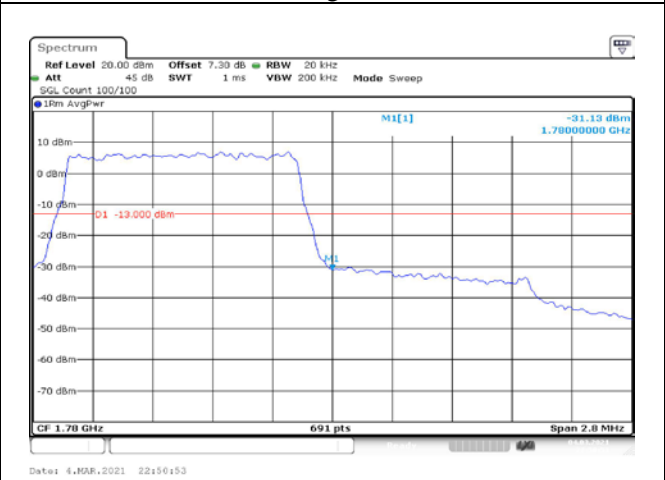


Fig.4

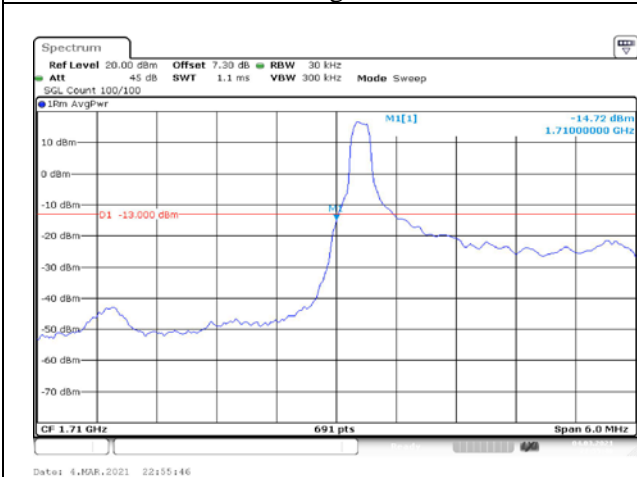


Fig.5

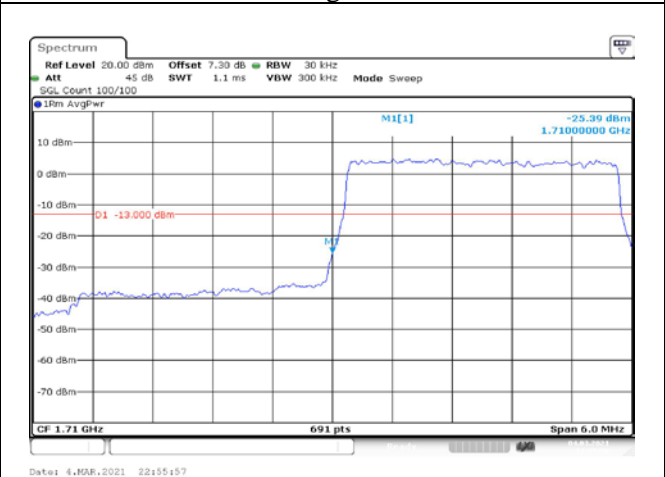


Fig.6

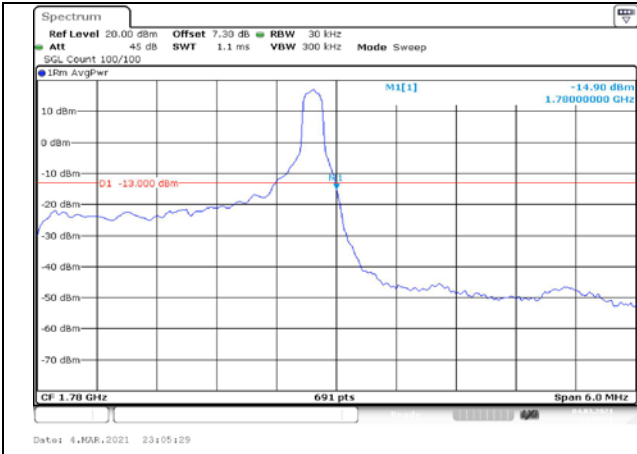


Fig.7

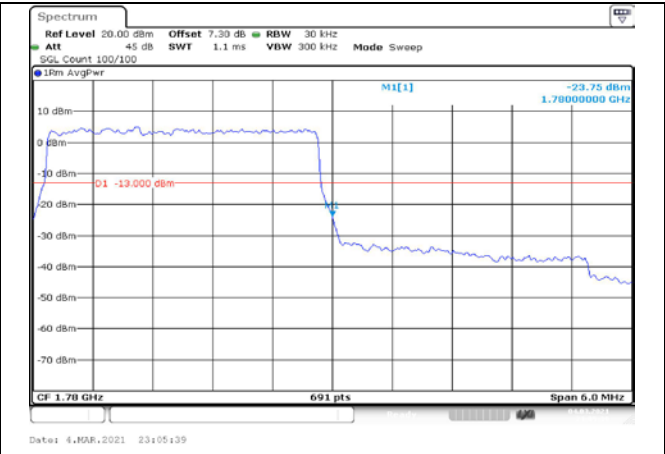


Fig.8

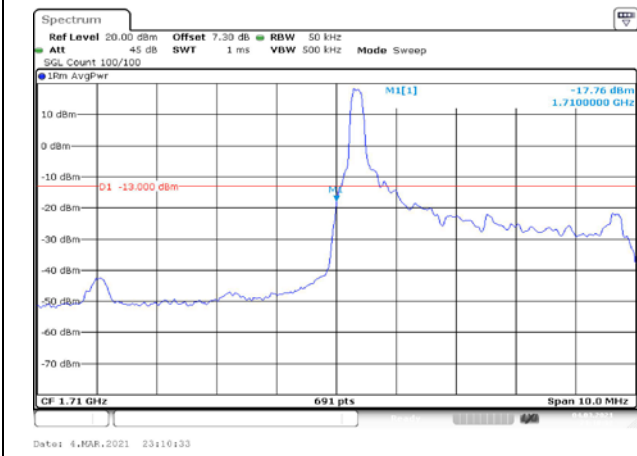


Fig.9

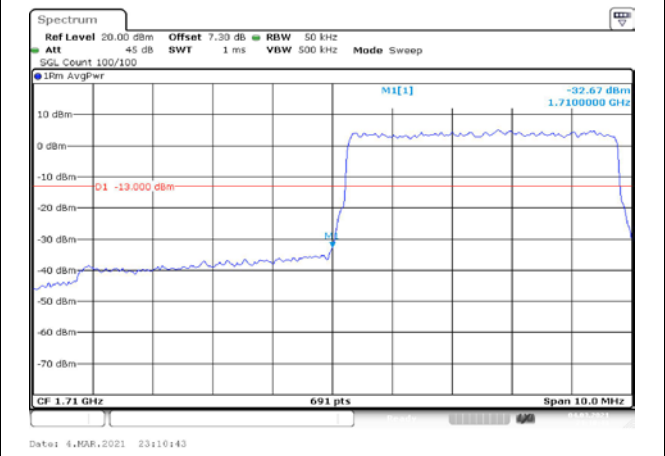


Fig.10

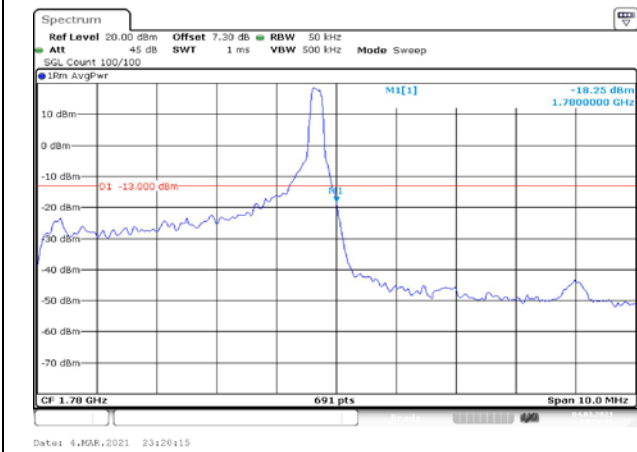


Fig.11

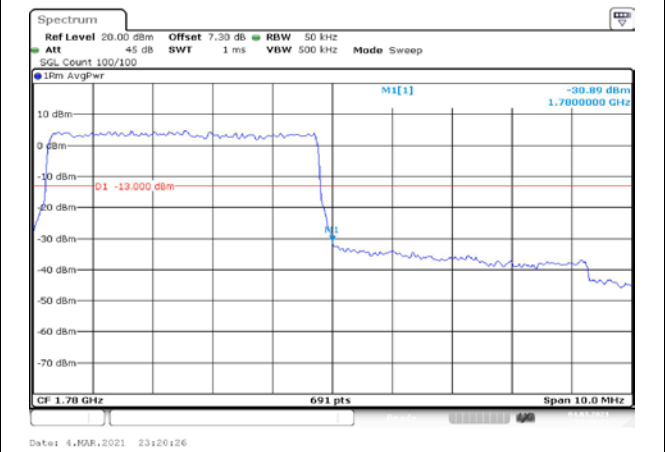


Fig.12



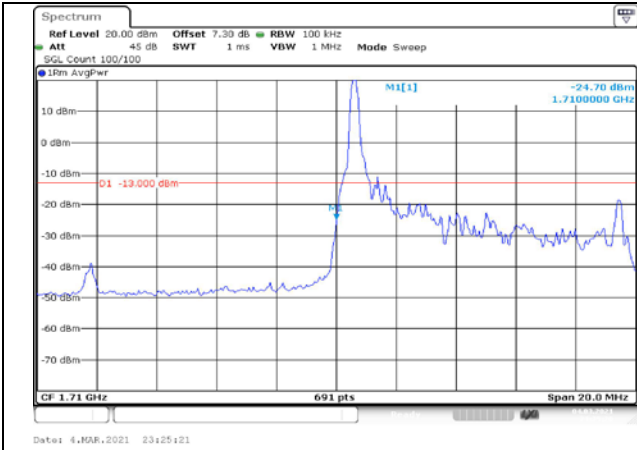


Fig.13

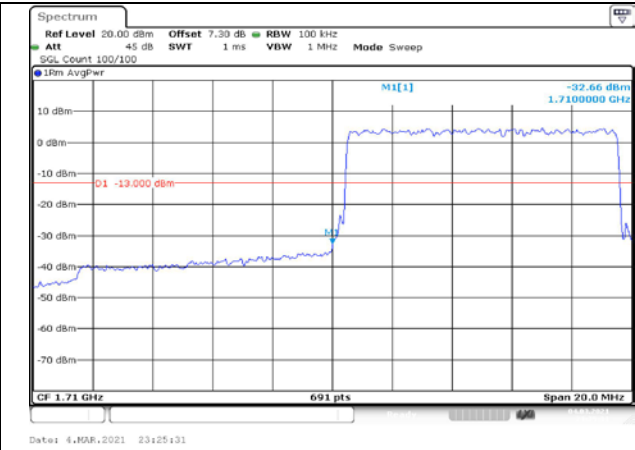


Fig.14

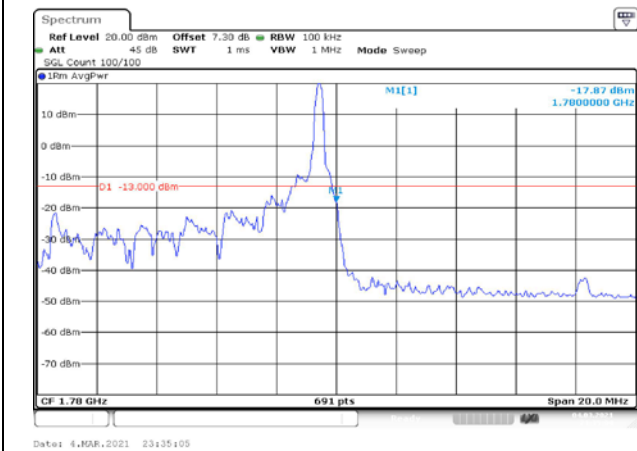


Fig.15

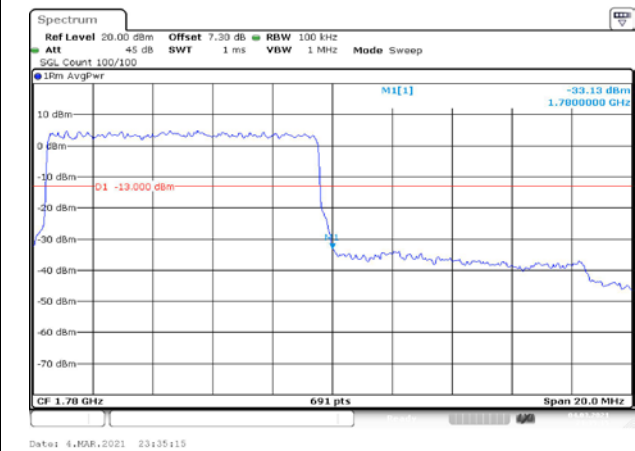


Fig.16

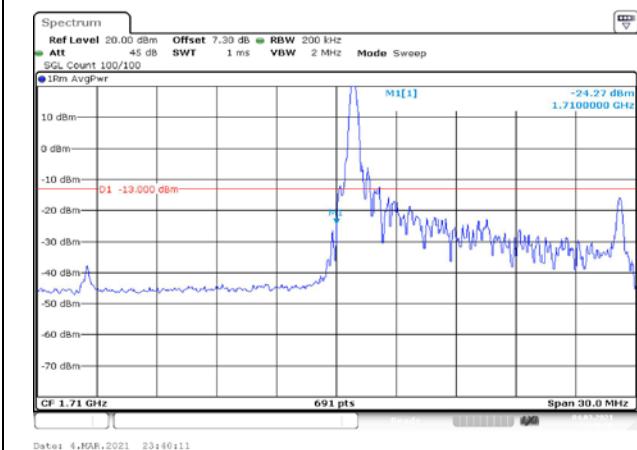


Fig.17

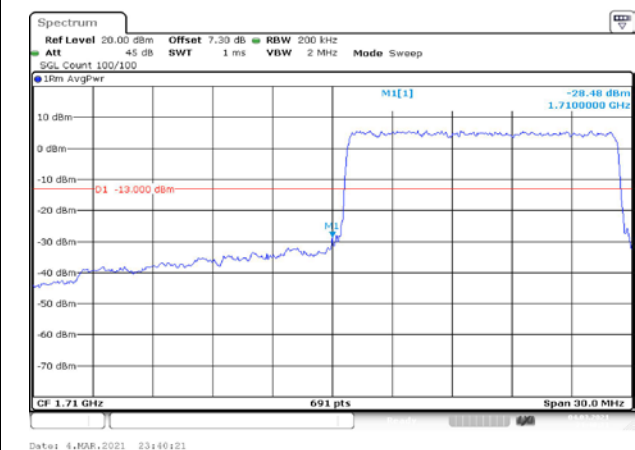


Fig.18

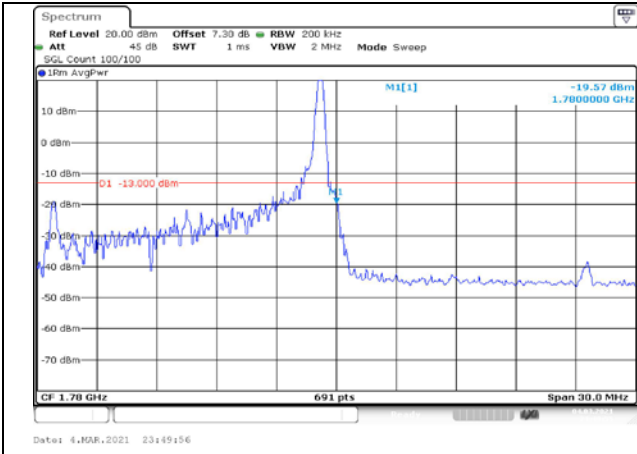


Fig.19

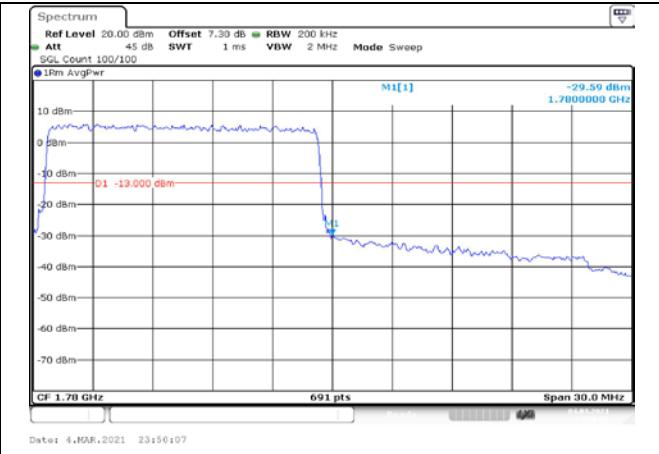


Fig.20

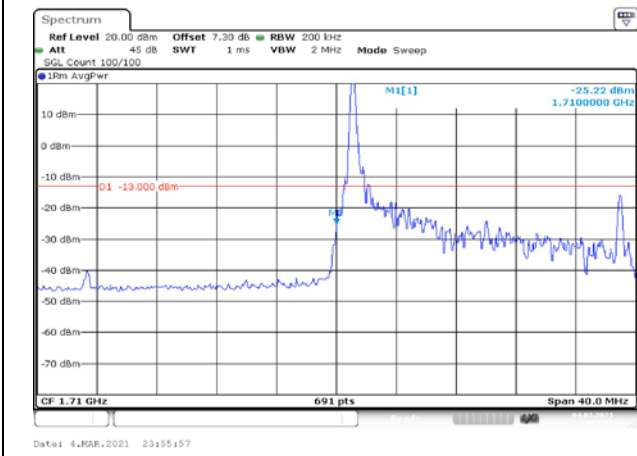


Fig.21

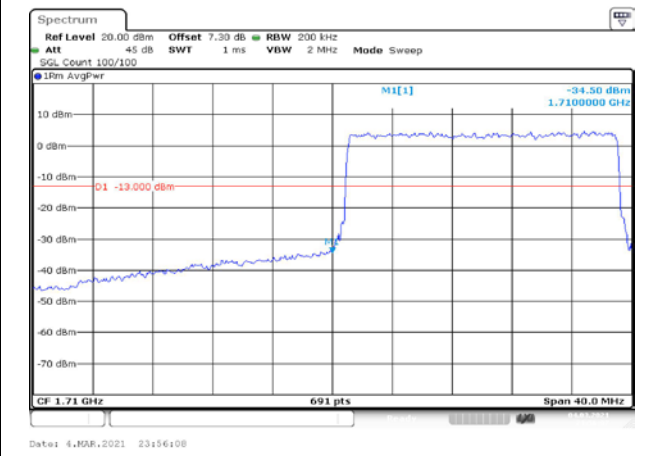


Fig.22

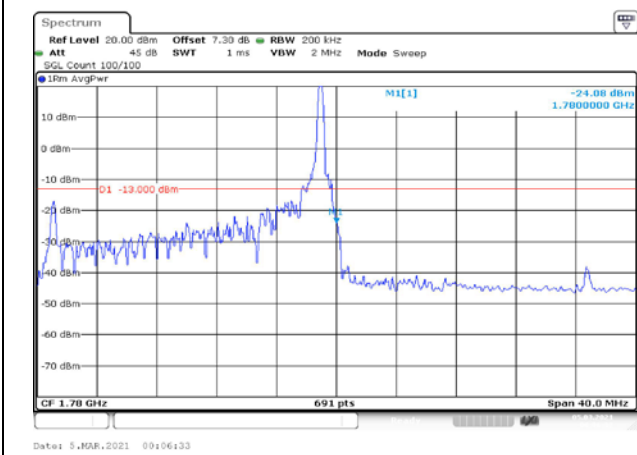


Fig.23

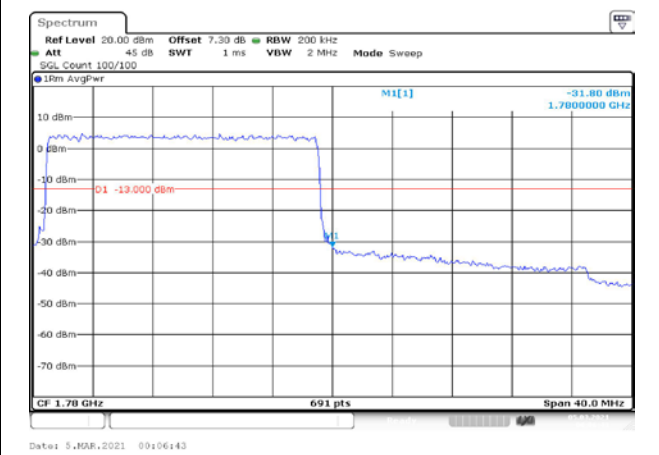


Fig.24

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band66 Low Channel QPSK |        |        |        |        |        |
|-----------------|---------|---|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                      | 3M     | 5M     | 10M    | 15M    | 20M    |
| -10             | NV      | 0.002                                     | -0.004 | 0.000  | -0.007 | -0.011 | -0.017 |
| 0               | NV      | -0.006                                    | -0.004 | -0.003 | 0.006  | -0.003 | -0.010 |
| +10             | NV      | 0.000                                     | 0.000  | 0.005  | -0.005 | -0.014 | 0.000  |
| +20             | NV      | 0.009                                     | 0.000  | -0.001 | -0.011 | -0.002 | -0.003 |
| +30             | NV      | -0.011                                    | 0.005  | 0.005  | -0.003 | 0.007  | -0.002 |
| +40             | NV      | -0.004                                    | 0.009  | -0.002 | -0.006 | -0.008 | -0.001 |
| +50             | NV      | -0.006                                    | -0.003 | -0.013 | -0.008 | -0.011 | -0.005 |
| +20             | LV      | -0.012                                    | -0.002 | 0.002  | -0.007 | -0.020 | 0.000  |
| +20             | HV      | -0.003                                    | 0.000  | 0.001  | -0.002 | -0.004 | -0.009 |

| Temperature(°C) | Voltage | Test Result (ppm) Band66 High Channel QPSK |        |        |        |        |        |
|-----------------|---------|--|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                       | 3M     | 5M     | 10M    | 15M    | 20M    |
| -10             | NV      | -0.018                                     | -0.014 | -0.009 | -0.004 | 0.010  | 0.009  |
| 0               | NV      | -0.013                                     | 0.009  | 0.010  | 0.008  | -0.010 | 0.003  |
| +10             | NV      | 0.002                                      | -0.012 | 0.005  | -0.010 | 0.009  | -0.001 |
| +20             | NV      | 0.005                                      | 0.007  | -0.010 | -0.004 | -0.013 | -0.002 |
| +30             | NV      | -0.004                                     | 0.004  | -0.009 | 0.007  | -0.010 | -0.008 |
| +40             | NV      | 0.002                                      | -0.017 | -0.015 | -0.018 | -0.002 | -0.007 |
| +50             | NV      | -0.006                                     | -0.013 | -0.013 | -0.009 | -0.001 | 0.004  |
| +20             | LV      | 0.010                                      | -0.010 | 0.010  | -0.007 | -0.008 | 0.009  |
| +20             | HV      | -0.001                                     | -0.013 | -0.001 | -0.010 | -0.002 | 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       | 1710.7                  | 131979     | 1.4   | 1       | 0         | 24.17                  | 23.17           | 0.207         |
|            |                         |            |       | 1       | 3         | 24.24                  | 23.24           | 0.211         |
|            |                         |            |       | 1       | 5         | 24.19                  | 23.19           | 0.208         |
|            |                         |            |       | 3       | 0         | 24.23                  | 23.23           | 0.210         |
|            |                         |            |       | 3       | 1         | 24.20                  | 23.20           | 0.209         |
|            |                         |            |       | 3       | 3         | 24.28                  | 23.28           | 0.213         |
|            | 6                       | 0          |       | 23.14   | 22.14     | 0.164                  |                 |               |
|            | 1755                    | 132422     |       | 1       | 0         | 24.45                  | 23.45           | 0.221         |
|            |                         |            |       | 1       | 3         | 24.46                  | 23.46           | 0.222         |
|            |                         |            |       | 1       | 5         | 24.42                  | 23.42           | 0.220         |
|            |                         |            |       | 3       | 0         | 24.28                  | 23.28           | 0.213         |
|            |                         |            |       | 3       | 1         | 24.28                  | 23.28           | 0.213         |
|            |                         |            |       | 3       | 3         | 24.38                  | 23.38           | 0.218         |
|            | 1779.3                  | 132665     |       | 6       | 0         | 23.19                  | 22.19           | 0.166         |
|            |                         |            |       | 1       | 0         | 24.15                  | 23.15           | 0.207         |
|            |                         |            |       | 1       | 3         | 24.21                  | 23.21           | 0.209         |
|            |                         |            |       | 1       | 5         | 24.16                  | 23.16           | 0.207         |
|            |                         |            |       | 3       | 0         | 24.28                  | 23.28           | 0.213         |
| 3          |                         |            | 1     | 24.32   | 23.32     | 0.215                  |                 |               |
| 16QAM      | 1710.7                  | 131979     | 3     | 3       | 24.30     | 23.30                  | 0.214           |               |
|            |                         |            | 6     | 0       | 23.19     | 22.19                  | 0.166           |               |
|            |                         |            | 1     | 0       | 24.01     | 23.01                  | 0.200           |               |
|            |                         |            | 1     | 3       | 23.92     | 22.92                  | 0.196           |               |
|            |                         |            | 1     | 5       | 24.03     | 23.03                  | 0.201           |               |
|            |                         |            | 3     | 0       | 23.14     | 22.14                  | 0.164           |               |
|            | 1755                    | 132422     | 3     | 1       | 23.07     | 22.07                  | 0.161           |               |
|            |                         |            | 3     | 3       | 23.06     | 22.06                  | 0.161           |               |
|            |                         |            | 6     | 0       | 22.27     | 21.27                  | 0.134           |               |
|            |                         |            | 1     | 0       | 23.42     | 22.42                  | 0.175           |               |
|            |                         |            | 1     | 3       | 23.43     | 22.43                  | 0.175           |               |
|            |                         |            | 1     | 5       | 23.52     | 22.52                  | 0.179           |               |
|            | 1779.3                  | 132665     | 3     | 0       | 23.22     | 22.22                  | 0.167           |               |
|            |                         |            | 3     | 1       | 23.20     | 22.20                  | 0.166           |               |
|            |                         |            | 3     | 3       | 23.20     | 22.20                  | 0.166           |               |
|            |                         |            | 6     | 0       | 22.48     | 21.48                  | 0.141           |               |
|            |                         |            | 1     | 0       | 23.08     | 22.08                  | 0.161           |               |
|            |                         |            | 1     | 3       | 23.09     | 22.09                  | 0.162           |               |
| 1          | 5                       | 23.13      | 22.13 | 0.163   |           |                        |                 |               |
| 3          | 0                       | 23.28      | 22.28 | 0.169   |           |                        |                 |               |
| 3          | 1                       | 23.22      | 22.22 | 0.167   |           |                        |                 |               |
| 3          | 3                       | 23.26      | 22.26 | 0.168   |           |                        |                 |               |

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|  |  |  |  |   |   |       |       |       |
|--|--|--|--|---|---|-------|-------|-------|
|  |  |  |  | 6 | 0 | 22.50 | 21.50 | 0.141 |
|--|--|--|--|---|---|-------|-------|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 0         | 22.27                  | 21.27           | 0.134         |
|            |                         |            |     | 1       | 3         | 22.27                  | 21.27           | 0.134         |
|            |                         |            |     | 1       | 5         | 22.27                  | 21.27           | 0.134         |
|            |                         |            |     | 3       | 0         | 22.26                  | 21.26           | 0.134         |
|            |                         |            |     | 3       | 1         | 22.26                  | 21.26           | 0.134         |
|            |                         |            |     | 3       | 3         | 22.26                  | 21.26           | 0.134         |
|            | 6                       | 0          |     | 22.25   | 21.25     | 0.133                  |                 |               |
|            | 1755                    | 132422     |     | 1       | 0         | 22.47                  | 21.47           | 0.140         |
|            |                         |            |     | 1       | 3         | 22.50                  | 21.50           | 0.141         |
|            |                         |            |     | 1       | 5         | 22.47                  | 21.47           | 0.140         |
|            |                         |            |     | 3       | 0         | 22.53                  | 21.53           | 0.142         |
|            |                         |            |     | 3       | 1         | 22.47                  | 21.47           | 0.140         |
|            |                         |            |     | 3       | 3         | 22.50                  | 21.50           | 0.141         |
|            | 6                       | 0          |     | 22.53   | 21.53     | 0.142                  |                 |               |
|            | 1779.3                  | 132665     |     | 1       | 0         | 22.51                  | 21.51           | 0.142         |
|            |                         |            |     | 1       | 3         | 22.32                  | 21.32           | 0.136         |
|            |                         |            |     | 1       | 5         | 22.28                  | 21.28           | 0.134         |
|            |                         |            |     | 3       | 0         | 22.34                  | 21.34           | 0.136         |
|            |                         |            |     | 3       | 1         | 22.31                  | 21.31           | 0.135         |
|            |                         |            |     | 3       | 3         | 22.50                  | 21.50           | 0.141         |
|            | 6                       | 0          |     | 22.50   | 21.50     | 0.141                  |                 |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW    | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-------|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1711.5                  | 131987     | 3     | 1       | 0         | 24.08                  | 23.08           | 0.203         |
|            |                         |            |       | 1       | 8         | 24.16                  | 23.16           | 0.207         |
|            |                         |            |       | 1       | 14        | 24.13                  | 23.13           | 0.206         |
|            |                         |            |       | 8       | 0         | 23.14                  | 22.14           | 0.164         |
|            |                         |            |       | 8       | 4         | 23.26                  | 22.26           | 0.168         |
|            |                         |            |       | 8       | 7         | 23.25                  | 22.25           | 0.168         |
|            | 15                      | 0          |       | 23.24   | 22.24     | 0.167                  |                 |               |
|            | 1                       | 0          |       | 24.39   | 23.39     | 0.218                  |                 |               |
|            | 1                       | 8          |       | 24.43   | 23.43     | 0.220                  |                 |               |
|            | 1                       | 14         |       | 24.39   | 23.39     | 0.218                  |                 |               |
|            | 8                       | 0          |       | 23.27   | 22.27     | 0.169                  |                 |               |
|            | 8                       | 4          |       | 23.27   | 22.27     | 0.169                  |                 |               |
|            | 8                       | 7          |       | 23.27   | 22.27     | 0.169                  |                 |               |
|            | 15                      | 0          |       | 23.26   | 22.26     | 0.168                  |                 |               |
|            | 1                       | 0          |       | 24.11   | 23.11     | 0.205                  |                 |               |
|            | 1                       | 8          |       | 24.16   | 23.16     | 0.207                  |                 |               |
|            | 1                       | 14         |       | 24.12   | 23.12     | 0.205                  |                 |               |
|            | 8                       | 0          |       | 23.16   | 22.16     | 0.164                  |                 |               |
| 8          | 4                       | 23.16      | 22.16 | 0.164   |           |                        |                 |               |
| 8          | 7                       | 23.16      | 22.16 | 0.164   |           |                        |                 |               |
| 15         | 0                       | 23.20      | 22.20 | 0.166   |           |                        |                 |               |
| 16QAM      | 1711.5                  | 131987     | 1     | 0       | 23.06     | 22.06                  | 0.161           |               |
|            |                         |            | 1     | 8       | 23.10     | 22.10                  | 0.162           |               |
|            |                         |            | 1     | 14      | 23.10     | 22.10                  | 0.162           |               |
|            |                         |            | 8     | 0       | 22.40     | 21.40                  | 0.138           |               |
|            |                         |            | 8     | 4       | 22.42     | 21.42                  | 0.139           |               |
|            |                         |            | 8     | 7       | 22.42     | 21.42                  | 0.139           |               |
|            | 15                      | 0          | 22.22 | 21.22   | 0.132     |                        |                 |               |
|            | 1                       | 0          | 23.39 | 22.39   | 0.173     |                        |                 |               |
|            | 1                       | 8          | 23.41 | 22.41   | 0.174     |                        |                 |               |
|            | 1                       | 14         | 23.30 | 22.30   | 0.170     |                        |                 |               |
|            | 8                       | 0          | 22.53 | 21.53   | 0.142     |                        |                 |               |
|            | 8                       | 4          | 22.46 | 21.46   | 0.140     |                        |                 |               |
|            | 8                       | 7          | 22.47 | 21.47   | 0.140     |                        |                 |               |
|            | 15                      | 0          | 22.40 | 21.40   | 0.138     |                        |                 |               |
|            | 1                       | 0          | 23.08 | 22.08   | 0.161     |                        |                 |               |
|            | 1                       | 8          | 23.03 | 22.03   | 0.160     |                        |                 |               |
|            | 1                       | 14         | 23.02 | 22.02   | 0.159     |                        |                 |               |
|            | 8                       | 0          | 22.32 | 21.32   | 0.136     |                        |                 |               |
| 8          | 4                       | 22.32      | 21.32 | 0.136   |           |                        |                 |               |
| 8          | 7                       | 22.33      | 21.33 | 0.136   |           |                        |                 |               |
| 15         | 0                       | 22.31      | 21.31 | 0.135   |           |                        |                 |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 0         | 22.22                  | 21.22           | 0.132         |
|            |                         |            |    | 1       | 8         | 22.24                  | 21.24           | 0.133         |
|            |                         |            |    | 1       | 14        | 22.29                  | 21.29           | 0.135         |
|            |                         |            |    | 8       | 0         | 22.28                  | 21.28           | 0.134         |
|            |                         |            |    | 8       | 4         | 22.28                  | 21.28           | 0.134         |
|            |                         |            |    | 8       | 7         | 22.28                  | 21.28           | 0.134         |
|            |                         |            |    | 15      | 0         | 22.28                  | 21.28           | 0.134         |
|            | 1755                    | 132422     |    | 1       | 0         | 22.39                  | 21.39           | 0.138         |
|            |                         |            |    | 1       | 8         | 22.39                  | 21.39           | 0.138         |
|            |                         |            |    | 1       | 14        | 22.39                  | 21.39           | 0.138         |
|            |                         |            |    | 8       | 0         | 22.39                  | 21.39           | 0.138         |
|            |                         |            |    | 8       | 4         | 22.39                  | 21.39           | 0.138         |
|            |                         |            |    | 8       | 7         | 22.38                  | 21.38           | 0.137         |
|            |                         |            |    | 15      | 0         | 22.38                  | 21.38           | 0.137         |
|            | 1778.5                  | 132657     |    | 1       | 0         | 22.32                  | 21.32           | 0.136         |
|            |                         |            |    | 1       | 8         | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 1       | 14        | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 8       | 0         | 22.29                  | 21.29           | 0.135         |
|            |                         |            |    | 8       | 4         | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 8       | 7         | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 15      | 0         | 22.30                  | 21.30           | 0.135         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |       |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|-------|
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 0         | 24.07                  | 23.07           | 0.203         |       |
|            |                         |            |    | 1       | 12        | 24.09                  | 23.09           | 0.204         |       |
|            |                         |            |    | 1       | 24        | 24.05                  | 23.05           | 0.202         |       |
|            |                         |            |    | 12      | 0         | 23.12                  | 22.12           | 0.163         |       |
|            |                         |            |    | 12      | 7         | 23.27                  | 22.27           | 0.169         |       |
|            |                         |            |    | 12      | 13        | 23.27                  | 22.27           | 0.169         |       |
|            |                         |            |    | 25      | 0         | 23.24                  | 22.24           | 0.167         |       |
|            | 1755                    | 132422     |    | 1       | 0         | 24.14                  | 23.14           | 0.206         |       |
|            |                         |            |    | 1       | 12        | 24.09                  | 23.09           | 0.204         |       |
|            |                         |            |    | 1       | 24        | 24.06                  | 23.06           | 0.202         |       |
|            |                         |            |    | 12      | 0         | 23.28                  | 22.28           | 0.169         |       |
|            |                         |            |    | 12      | 7         | 23.28                  | 22.28           | 0.169         |       |
|            |                         |            |    | 12      | 13        | 23.28                  | 22.28           | 0.169         |       |
|            |                         |            |    | 25      | 0         | 23.28                  | 22.28           | 0.169         |       |
|            | 1777.5                  | 132647     |    | 1       | 0         | 24.10                  | 23.10           | 0.204         |       |
|            |                         |            |    | 1       | 12        | 24.11                  | 23.11           | 0.205         |       |
|            |                         |            |    | 1       | 24        | 24.07                  | 23.07           | 0.203         |       |
|            |                         |            |    | 12      | 0         | 23.10                  | 22.10           | 0.162         |       |
|            |                         |            |    | 12      | 7         | 23.24                  | 22.24           | 0.167         |       |
|            |                         |            |    | 12      | 13        | 23.23                  | 22.23           | 0.167         |       |
|            |                         |            |    | 25      | 0         | 23.10                  | 22.10           | 0.162         |       |
|            | 16QAM                   | 1712.5     |    | 131997  | 1         | 0                      | 23.22           | 22.22         | 0.167 |
|            |                         |            |    |         | 1         | 12                     | 23.21           | 22.21         | 0.166 |
|            |                         |            |    |         | 1         | 24                     | 23.20           | 22.20         | 0.166 |
| 12         |                         |            | 0  |         | 22.22     | 21.22                  | 0.132           |               |       |
| 12         |                         |            | 7  |         | 22.24     | 21.24                  | 0.133           |               |       |
| 12         |                         |            | 13 |         | 22.19     | 21.19                  | 0.132           |               |       |
| 25         |                         |            | 0  |         | 22.41     | 21.41                  | 0.138           |               |       |
| 1755       |                         | 132422     | 1  | 0       | 23.23     | 22.23                  | 0.167           |               |       |
|            |                         |            | 1  | 12      | 23.23     | 22.23                  | 0.167           |               |       |
|            |                         |            | 1  | 24      | 23.23     | 22.23                  | 0.167           |               |       |
|            |                         |            | 12 | 0       | 22.28     | 21.28                  | 0.134           |               |       |
|            |                         |            | 12 | 7       | 22.31     | 21.31                  | 0.135           |               |       |
|            |                         |            | 12 | 13      | 22.31     | 21.31                  | 0.135           |               |       |
|            |                         |            | 25 | 0       | 22.37     | 21.37                  | 0.137           |               |       |
| 1777.5     |                         | 132647     | 1  | 0       | 22.84     | 21.84                  | 0.153           |               |       |
|            |                         |            | 1  | 12      | 22.83     | 21.83                  | 0.152           |               |       |
|            |                         |            | 1  | 24      | 22.83     | 21.83                  | 0.152           |               |       |
|            |                         |            | 12 | 0       | 22.05     | 21.05                  | 0.127           |               |       |
|            |                         |            | 12 | 7       | 22.02     | 21.02                  | 0.126           |               |       |
|            |                         |            | 12 | 13      | 22.03     | 21.03                  | 0.127           |               |       |
|            |                         |            | 25 | 0       | 22.30     | 21.30                  | 0.135           |               |       |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 0         | 22.41                  | 21.41           | 0.138         |
|            |                         |            |    | 1       | 12        | 22.41                  | 21.41           | 0.138         |
|            |                         |            |    | 1       | 24        | 22.41                  | 21.41           | 0.138         |
|            |                         |            |    | 12      | 0         | 22.41                  | 21.41           | 0.138         |
|            |                         |            |    | 12      | 7         | 22.41                  | 21.41           | 0.138         |
|            |                         |            |    | 12      | 13        | 22.40                  | 21.40           | 0.138         |
|            |                         |            |    | 25      | 0         | 22.41                  | 21.41           | 0.138         |
|            | 1755                    | 132422     |    | 1       | 0         | 22.37                  | 21.37           | 0.137         |
|            |                         |            |    | 1       | 12        | 22.37                  | 21.37           | 0.137         |
|            |                         |            |    | 1       | 24        | 22.37                  | 21.37           | 0.137         |
|            |                         |            |    | 12      | 0         | 22.38                  | 21.38           | 0.137         |
|            |                         |            |    | 12      | 7         | 22.37                  | 21.37           | 0.137         |
|            |                         |            |    | 12      | 13        | 22.32                  | 21.32           | 0.136         |
|            |                         |            |    | 25      | 0         | 22.37                  | 21.37           | 0.137         |
|            | 1777.5                  | 132647     |    | 1       | 0         | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 1       | 12        | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 1       | 24        | 22.18                  | 21.18           | 0.131         |
|            |                         |            |    | 12      | 0         | 22.16                  | 21.16           | 0.131         |
|            |                         |            |    | 12      | 7         | 22.16                  | 21.16           | 0.131         |
|            |                         |            |    | 12      | 13        | 22.16                  | 21.16           | 0.131         |
|            |                         |            |    | 25      | 0         | 22.17                  | 21.17           | 0.131         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1715                    | 132022     | 10 | 1       | 0         | 24.16                  | 23.16           | 0.207         |
|            |                         |            |    | 1       | 25        | 24.20                  | 23.20           | 0.209         |
|            |                         |            |    | 1       | 49        | 24.06                  | 23.06           | 0.202         |
|            |                         |            |    | 25      | 0         | 23.33                  | 22.33           | 0.171         |
|            |                         |            |    | 25      | 12        | 23.27                  | 22.27           | 0.169         |
|            |                         |            |    | 25      | 25        | 23.26                  | 22.26           | 0.168         |
|            | 50                      | 0          |    | 23.16   | 22.16     | 0.164                  |                 |               |
|            | 1755                    | 132422     |    | 1       | 0         | 24.28                  | 23.28           | 0.213         |
|            |                         |            |    | 1       | 25        | 24.28                  | 23.28           | 0.213         |
|            |                         |            |    | 1       | 49        | 24.25                  | 23.25           | 0.211         |
|            |                         |            |    | 25      | 0         | 23.28                  | 22.28           | 0.169         |
|            |                         |            |    | 25      | 12        | 23.13                  | 22.13           | 0.163         |
|            |                         |            |    | 25      | 25        | 23.12                  | 22.12           | 0.163         |
|            | 1775                    | 132622     |    | 50      | 0         | 23.28                  | 22.28           | 0.169         |
|            |                         |            |    | 1       | 0         | 24.06                  | 23.06           | 0.202         |
|            |                         |            |    | 1       | 25        | 24.16                  | 23.16           | 0.207         |
|            |                         |            |    | 1       | 49        | 24.11                  | 23.11           | 0.205         |
|            |                         |            |    | 25      | 0         | 23.16                  | 22.16           | 0.164         |
| 25         |                         |            | 12 | 23.03   | 22.03     | 0.160                  |                 |               |
| 16QAM      | 1715                    | 132022     | 25 | 25      | 23.11     | 22.11                  | 0.163           |               |
|            |                         |            | 50 | 0       | 23.15     | 22.15                  | 0.164           |               |
|            |                         |            | 1  | 0       | 23.01     | 22.01                  | 0.159           |               |
|            |                         |            | 1  | 25      | 23.04     | 22.04                  | 0.160           |               |
|            |                         |            | 1  | 49      | 23.03     | 22.03                  | 0.160           |               |
|            |                         |            | 25 | 0       | 22.44     | 21.44                  | 0.139           |               |
|            | 1755                    | 132422     | 25 | 12      | 22.39     | 21.39                  | 0.138           |               |
|            |                         |            | 25 | 25      | 22.39     | 21.39                  | 0.138           |               |
|            |                         |            | 50 | 0       | 22.35     | 21.35                  | 0.136           |               |
|            |                         |            | 1  | 0       | 22.96     | 21.96                  | 0.157           |               |
|            |                         |            | 1  | 25      | 22.88     | 21.88                  | 0.154           |               |
|            |                         |            | 1  | 49      | 22.91     | 21.91                  | 0.155           |               |
|            | 1775                    | 132622     | 25 | 0       | 22.45     | 21.45                  | 0.140           |               |
|            |                         |            | 25 | 12      | 22.16     | 21.16                  | 0.131           |               |
|            |                         |            | 25 | 25      | 22.43     | 21.43                  | 0.139           |               |
|            |                         |            | 50 | 0       | 22.29     | 21.29                  | 0.135           |               |
|            |                         |            | 1  | 0       | 22.74     | 21.74                  | 0.149           |               |
|            |                         |            | 1  | 25      | 22.74     | 21.74                  | 0.149           |               |
|            |                         |            | 1  | 49      | 22.73     | 21.73                  | 0.149           |               |
|            |                         |            | 25 | 0       | 22.35     | 21.35                  | 0.136           |               |
|            |                         |            | 25 | 12      | 22.30     | 21.30                  | 0.135           |               |
|            |                         |            | 25 | 25      | 22.30     | 21.30                  | 0.135           |               |
|            |                         |            | 50 | 0       | 22.22     | 21.22                  | 0.132           |               |
|            |                         |            |    |         |           |                        |                 |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1715                    | 132022     | 10 | 1       | 0         | 22.35                  | 21.35           | 0.136         |
|            |                         |            |    | 1       | 25        | 22.35                  | 21.35           | 0.136         |
|            |                         |            |    | 1       | 49        | 22.35                  | 21.35           | 0.136         |
|            |                         |            |    | 25      | 0         | 22.34                  | 21.34           | 0.136         |
|            |                         |            |    | 25      | 12        | 22.35                  | 21.35           | 0.136         |
|            |                         |            |    | 25      | 25        | 22.35                  | 21.35           | 0.136         |
|            |                         |            |    | 50      | 0         | 22.34                  | 21.34           | 0.136         |
|            | 1755                    | 132422     |    | 1       | 0         | 22.31                  | 21.31           | 0.135         |
|            |                         |            |    | 1       | 25        | 22.42                  | 21.42           | 0.139         |
|            |                         |            |    | 1       | 49        | 22.27                  | 21.27           | 0.134         |
|            |                         |            |    | 25      | 0         | 22.22                  | 21.22           | 0.132         |
|            |                         |            |    | 25      | 12        | 22.08                  | 21.08           | 0.128         |
|            |                         |            |    | 25      | 25        | 22.35                  | 21.35           | 0.136         |
|            |                         |            |    | 50      | 0         | 22.39                  | 21.39           | 0.138         |
|            | 1775                    | 132622     |    | 1       | 0         | 22.23                  | 21.23           | 0.133         |
|            |                         |            |    | 1       | 25        | 22.23                  | 21.23           | 0.133         |
|            |                         |            |    | 1       | 49        | 22.22                  | 21.22           | 0.132         |
|            |                         |            |    | 25      | 0         | 22.22                  | 21.22           | 0.132         |
|            |                         |            |    | 25      | 12        | 22.23                  | 21.23           | 0.133         |
|            |                         |            |    | 25      | 25        | 22.23                  | 21.23           | 0.133         |
|            |                         |            |    | 50      | 0         | 22.23                  | 21.23           | 0.133         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 0         | 24.11                  | 23.11           | 0.205         |
|            |                         |            |    | 1       | 37        | 24.02                  | 23.02           | 0.200         |
|            |                         |            |    | 1       | 74        | 23.98                  | 22.98           | 0.199         |
|            |                         |            |    | 36      | 0         | 23.29                  | 22.29           | 0.169         |
|            |                         |            |    | 36      | 29        | 23.30                  | 22.30           | 0.170         |
|            |                         |            |    | 36      | 30        | 23.29                  | 22.29           | 0.169         |
|            |                         |            |    | 75      | 0         | 23.26                  | 22.26           | 0.168         |
|            | 1755                    | 132422     |    | 1       | 0         | 24.29                  | 23.29           | 0.213         |
|            |                         |            |    | 1       | 37        | 24.22                  | 23.22           | 0.210         |
|            |                         |            |    | 1       | 74        | 24.23                  | 23.23           | 0.210         |
|            |                         |            |    | 36      | 0         | 23.26                  | 22.26           | 0.168         |
|            |                         |            |    | 36      | 29        | 23.32                  | 22.32           | 0.171         |
|            |                         |            |    | 36      | 30        | 23.31                  | 22.31           | 0.170         |
|            |                         |            |    | 75      | 0         | 23.26                  | 22.26           | 0.168         |
|            | 1772.5                  | 132597     |    | 1       | 0         | 24.08                  | 23.08           | 0.203         |
|            |                         |            |    | 1       | 37        | 23.97                  | 22.97           | 0.198         |
|            |                         |            |    | 1       | 74        | 23.94                  | 22.94           | 0.197         |
|            |                         |            |    | 36      | 0         | 23.08                  | 22.08           | 0.161         |
|            |                         |            |    | 36      | 29        | 23.18                  | 22.18           | 0.165         |
|            |                         |            |    | 36      | 30        | 23.18                  | 22.18           | 0.165         |
|            |                         |            |    | 75      | 0         | 23.06                  | 22.06           | 0.161         |
| 16QAM      | 1717.5                  | 132047     | 1  | 0       | 23.51     | 22.51                  | 0.178           |               |
|            |                         |            | 1  | 37      | 23.44     | 22.44                  | 0.175           |               |
|            |                         |            | 1  | 74      | 23.44     | 22.44                  | 0.175           |               |
|            |                         |            | 36 | 0       | 22.29     | 21.29                  | 0.135           |               |
|            |                         |            | 36 | 29      | 22.32     | 21.32                  | 0.136           |               |
|            |                         |            | 36 | 30      | 22.32     | 21.32                  | 0.136           |               |
|            |                         |            | 75 | 0       | 22.30     | 21.30                  | 0.135           |               |
|            | 1755                    | 132422     | 1  | 0       | 23.61     | 22.61                  | 0.182           |               |
|            |                         |            | 1  | 37      | 23.54     | 22.54                  | 0.179           |               |
|            |                         |            | 1  | 74      | 23.54     | 22.54                  | 0.179           |               |
|            |                         |            | 36 | 0       | 22.39     | 21.39                  | 0.138           |               |
|            |                         |            | 36 | 29      | 22.33     | 21.33                  | 0.136           |               |
|            |                         |            | 36 | 30      | 22.34     | 21.34                  | 0.136           |               |
|            |                         |            | 75 | 0       | 22.28     | 21.28                  | 0.134           |               |
|            | 1772.5                  | 132597     | 1  | 0       | 23.39     | 22.39                  | 0.173           |               |
|            |                         |            | 1  | 37      | 23.41     | 22.41                  | 0.174           |               |
|            |                         |            | 1  | 74      | 23.48     | 22.48                  | 0.177           |               |
|            |                         |            | 36 | 0       | 22.16     | 21.16                  | 0.131           |               |
|            |                         |            | 36 | 29      | 22.23     | 21.23                  | 0.133           |               |
|            |                         |            | 36 | 30      | 22.23     | 21.23                  | 0.133           |               |
|            |                         |            | 75 | 0       | 22.13     | 21.13                  | 0.130           |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 0         | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 1       | 37        | 22.29                  | 21.29           | 0.135         |
|            |                         |            |    | 1       | 74        | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 36      | 0         | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 36      | 29        | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 36      | 30        | 22.30                  | 21.30           | 0.135         |
|            |                         |            |    | 75      | 0         | 22.30                  | 21.30           | 0.135         |
|            | 1755                    | 132422     |    | 1       | 0         | 22.28                  | 21.28           | 0.134         |
|            |                         |            |    | 1       | 37        | 22.28                  | 21.28           | 0.134         |
|            |                         |            |    | 1       | 74        | 22.15                  | 21.15           | 0.130         |
|            |                         |            |    | 36      | 0         | 22.33                  | 21.33           | 0.136         |
|            |                         |            |    | 36      | 29        | 22.28                  | 21.28           | 0.134         |
|            |                         |            |    | 36      | 30        | 22.22                  | 21.22           | 0.132         |
|            |                         |            |    | 75      | 0         | 22.28                  | 21.28           | 0.134         |
|            | 1772.5                  | 132597     |    | 1       | 0         | 22.13                  | 21.13           | 0.130         |
|            |                         |            |    | 1       | 37        | 22.13                  | 21.13           | 0.130         |
|            |                         |            |    | 1       | 74        | 22.13                  | 21.13           | 0.130         |
|            |                         |            |    | 36      | 0         | 22.13                  | 21.13           | 0.130         |
|            |                         |            |    | 36      | 29        | 22.13                  | 21.13           | 0.130         |
|            |                         |            |    | 36      | 30        | 22.13                  | 21.13           | 0.130         |
|            |                         |            |    | 75      | 0         | 22.12                  | 21.12           | 0.129         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW    | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-------|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1720                    | 132072     | 20    | 1       | 0         | 24.21                  | 23.21           | 0.209         |
|            |                         |            |       | 1       | 49        | 24.23                  | 23.23           | 0.210         |
|            |                         |            |       | 1       | 99        | 24.18                  | 23.18           | 0.208         |
|            |                         |            |       | 50      | 0         | 23.26                  | 22.26           | 0.168         |
|            |                         |            |       | 50      | 24        | 23.22                  | 22.22           | 0.167         |
|            |                         |            |       | 50      | 50        | 23.21                  | 22.21           | 0.166         |
|            | 100                     | 0          |       | 23.16   | 22.16     | 0.164                  |                 |               |
|            | 1                       | 0          |       | 24.34   | 23.34     | 0.216                  |                 |               |
|            | 1                       | 49         |       | 24.26   | 23.26     | 0.212                  |                 |               |
|            | 1                       | 99         |       | 24.23   | 23.23     | 0.210                  |                 |               |
|            | 50                      | 0          |       | 23.29   | 22.29     | 0.169                  |                 |               |
|            | 50                      | 24         |       | 23.23   | 22.23     | 0.167                  |                 |               |
|            | 50                      | 50         |       | 23.17   | 22.17     | 0.165                  |                 |               |
|            | 100                     | 0          |       | 23.36   | 22.36     | 0.172                  |                 |               |
|            | 1                       | 0          |       | 24.17   | 23.17     | 0.207                  |                 |               |
|            | 1                       | 49         |       | 24.08   | 23.08     | 0.203                  |                 |               |
|            | 1                       | 99         |       | 24.08   | 23.08     | 0.203                  |                 |               |
|            | 50                      | 0          |       | 23.23   | 22.23     | 0.167                  |                 |               |
| 50         | 24                      | 23.09      | 22.09 | 0.162   |           |                        |                 |               |
| 50         | 50                      | 23.08      | 22.08 | 0.161   |           |                        |                 |               |
| 100        | 0                       | 23.13      | 22.13 | 0.163   |           |                        |                 |               |
| 16QAM      | 1720                    | 132072     | 1     | 0       | 23.92     | 22.92                  | 0.196           |               |
|            |                         |            | 1     | 49      | 23.79     | 22.79                  | 0.190           |               |
|            |                         |            | 1     | 99      | 23.78     | 22.78                  | 0.190           |               |
|            |                         |            | 50    | 0       | 22.32     | 21.32                  | 0.136           |               |
|            |                         |            | 50    | 24      | 22.25     | 21.25                  | 0.133           |               |
|            |                         |            | 50    | 50      | 22.25     | 21.25                  | 0.133           |               |
|            | 100                     | 0          | 22.33 | 21.33   | 0.136     |                        |                 |               |
|            | 1                       | 0          | 24.07 | 23.07   | 0.203     |                        |                 |               |
|            | 1                       | 49         | 24.05 | 23.05   | 0.202     |                        |                 |               |
|            | 1                       | 99         | 23.95 | 22.95   | 0.197     |                        |                 |               |
|            | 50                      | 0          | 22.37 | 21.37   | 0.137     |                        |                 |               |
|            | 50                      | 24         | 22.26 | 21.26   | 0.134     |                        |                 |               |
|            | 50                      | 50         | 22.54 | 21.54   | 0.143     |                        |                 |               |
|            | 100                     | 0          | 22.39 | 21.39   | 0.138     |                        |                 |               |
|            | 1                       | 0          | 23.76 | 22.76   | 0.189     |                        |                 |               |
|            | 1                       | 49         | 23.72 | 22.72   | 0.187     |                        |                 |               |
|            | 1                       | 99         | 23.71 | 22.71   | 0.187     |                        |                 |               |
|            | 50                      | 0          | 22.20 | 21.20   | 0.132     |                        |                 |               |
| 50         | 24                      | 22.06      | 21.06 | 0.128   |           |                        |                 |               |
| 50         | 50                      | 22.07      | 21.07 | 0.128   |           |                        |                 |               |
| 100        | 0                       | 22.32      | 21.32 | 0.136   |           |                        |                 |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 1720                    | 132072     | 20 | 1       | 0         | 22.33                  | 21.33           | 0.136         |
|            |                         |            |    | 1       | 49        | 22.33                  | 21.33           | 0.136         |
|            |                         |            |    | 1       | 99        | 22.33                  | 21.33           | 0.136         |
|            |                         |            |    | 50      | 0         | 22.33                  | 21.33           | 0.136         |
|            |                         |            |    | 50      | 24        | 22.33                  | 21.33           | 0.136         |
|            |                         |            |    | 50      | 50        | 22.33                  | 21.33           | 0.136         |
|            |                         |            |    | 100     | 0         | 22.32                  | 21.32           | 0.136         |
|            | 1755                    | 132422     |    | 1       | 0         | 22.39                  | 21.39           | 0.138         |
|            |                         |            |    | 1       | 49        | 22.39                  | 21.39           | 0.138         |
|            |                         |            |    | 1       | 99        | 22.39                  | 21.39           | 0.138         |
|            |                         |            |    | 50      | 0         | 22.18                  | 21.18           | 0.131         |
|            |                         |            |    | 50      | 24        | 22.38                  | 21.38           | 0.137         |
|            |                         |            |    | 50      | 50        | 22.18                  | 21.18           | 0.131         |
|            |                         |            |    | 100     | 0         | 22.38                  | 21.38           | 0.137         |
|            | 1770                    | 132572     |    | 1       | 0         | 22.12                  | 21.12           | 0.129         |
|            |                         |            |    | 1       | 49        | 22.12                  | 21.12           | 0.129         |
|            |                         |            |    | 1       | 99        | 22.13                  | 21.13           | 0.130         |
|            |                         |            |    | 50      | 0         | 22.12                  | 21.12           | 0.129         |
|            |                         |            |    | 50      | 24        | 22.13                  | 21.13           | 0.130         |
|            |                         |            |    | 50      | 50        | 22.13                  | 21.13           | 0.130         |
|            |                         |            |    | 100     | 0         | 22.13                  | 21.13           | 0.130         |