

| Modulation | Carrier frequen<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|--------------------------------|---------------|----|---------|--------------|------------------------------|-----------------------|---------------------|
| QPSK       | 2505                           | 20800         | 10 | 1       | 0            | 23.21                        | 22.96                 | 0.198               |
|            |                                |               |    | 1       | 25           | 23.07                        | 22.82                 | 0.191               |
|            |                                |               |    | 1       | 49           | 23.07                        | 22.82                 | 0.191               |
|            |                                |               |    | 25      | 0            | 22.19                        | 21.94                 | 0.156               |
|            |                                |               |    | 25      | 12           | 22.25                        | 22.00                 | 0.158               |
|            |                                |               |    | 25      | 25           | 22.25                        | 22.00                 | 0.158               |
|            |                                |               |    | 50      | 0            | 22.12                        | 21.87                 | 0.154               |
|            | 2535                           | 21100         |    | 1       | 0            | 23.25                        | 23.00                 | 0.200               |
|            |                                |               |    | 1       | 25           | 23.40                        | 23.15                 | 0.207               |
|            |                                |               |    | 1       | 49           | 23.40                        | 23.15                 | 0.207               |
|            |                                |               |    | 25      | 0            | 22.33                        | 22.08                 | 0.161               |
|            |                                |               |    | 25      | 12           | 22.46                        | 22.21                 | 0.166               |
|            |                                |               |    | 25      | 25           | 22.46                        | 22.21                 | 0.166               |
|            |                                |               |    | 50      | 0            | 22.38                        | 22.13                 | 0.163               |
|            | 2565                           | 21400         |    | 1       | 0            | 23.47                        | 23.22                 | 0.210               |
|            |                                |               |    | 1       | 25           | 23.30                        | 23.05                 | 0.202               |
|            |                                |               |    | 1       | 49           | 23.29                        | 23.04                 | 0.201               |
|            |                                |               |    | 25      | 0            | 22.34                        | 22.09                 | 0.162               |
|            |                                |               |    | 25      | 12           | 22.29                        | 22.04                 | 0.160               |
|            |                                |               |    | 25      | 25           | 22.29                        | 22.04                 | 0.160               |
|            |                                |               |    | 50      | 0            | 22.37                        | 22.12                 | 0.163               |
| 16QAM      | 2505                           | 20800         | 1  | 0       | 22.61        | 22.36                        | 0.172                 |                     |
|            |                                |               | 1  | 25      | 22.55        | 22.30                        | 0.170                 |                     |
|            |                                |               | 1  | 49      | 22.27        | 22.02                        | 0.159                 |                     |
|            |                                |               | 25 | 0       | 21.18        | 20.93                        | 0.124                 |                     |
|            |                                |               | 25 | 12      | 21.31        | 21.06                        | 0.128                 |                     |
|            |                                |               | 25 | 25      | 21.31        | 21.06                        | 0.128                 |                     |
|            |                                |               | 50 | 0       | 21.28        | 21.03                        | 0.127                 |                     |
|            | 2535                           | 21100         | 1  | 0       | 23.04        | 22.79                        | 0.190                 |                     |
|            |                                |               | 1  | 25      | 23.21        | 22.96                        | 0.198                 |                     |
|            |                                |               | 1  | 49      | 23.27        | 23.02                        | 0.200                 |                     |
|            |                                |               | 25 | 0       | 21.49        | 21.24                        | 0.133                 |                     |
|            |                                |               | 25 | 12      | 21.49        | 21.24                        | 0.133                 |                     |
|            |                                |               | 25 | 25      | 21.49        | 21.24                        | 0.133                 |                     |
|            |                                |               | 50 | 0       | 21.91        | 21.66                        | 0.147                 |                     |
|            | 2565                           | 21400         | 1  | 0       | 21.97        | 21.72                        | 0.149                 |                     |
|            |                                |               | 1  | 25      | 21.89        | 21.64                        | 0.146                 |                     |
|            |                                |               | 1  | 49      | 21.88        | 21.63                        | 0.146                 |                     |
|            |                                |               | 25 | 0       | 21.45        | 21.20                        | 0.132                 |                     |
|            |                                |               | 25 | 12      | 21.46        | 21.21                        | 0.132                 |                     |
|            |                                |               | 25 | 25      | 21.46        | 21.21                        | 0.132                 |                     |
|            |                                |               | 50 | 0       | 21.42        | 21.17                        | 0.131                 |                     |

| Modulation | Carrier frequern cy (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|---------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 2505                      | 20800      | 10 | 1       | 0         | 21.28                  | 21.03           | 0.127         |
|            |                           |            |    | 1       | 25        | 21.17                  | 20.92           | 0.124         |
|            |                           |            |    | 1       | 49        | 21.17                  | 20.92           | 0.124         |
|            |                           |            |    | 25      | 0         | 21.28                  | 21.03           | 0.127         |
|            |                           |            |    | 25      | 12        | 21.28                  | 21.03           | 0.127         |
|            |                           |            |    | 25      | 25        | 21.28                  | 21.03           | 0.127         |
|            |                           |            |    | 50      | 0         | 21.29                  | 21.04           | 0.127         |
|            | 2535                      | 21100      |    | 1       | 0         | 21.90                  | 21.65           | 0.146         |
|            |                           |            |    | 1       | 25        | 21.90                  | 21.65           | 0.146         |
|            |                           |            |    | 1       | 49        | 21.90                  | 21.65           | 0.146         |
|            |                           |            |    | 25      | 0         | 21.90                  | 21.65           | 0.146         |
|            |                           |            |    | 25      | 12        | 21.90                  | 21.65           | 0.146         |
|            |                           |            |    | 25      | 25        | 21.91                  | 21.66           | 0.147         |
|            |                           |            |    | 50      | 0         | 21.90                  | 21.65           | 0.146         |
|            | 2565                      | 21400      |    | 1       | 0         | 21.43                  | 21.18           | 0.131         |
|            |                           |            |    | 1       | 25        | 21.42                  | 21.17           | 0.131         |
|            |                           |            |    | 1       | 49        | 21.48                  | 21.23           | 0.133         |
|            |                           |            |    | 25      | 0         | 21.37                  | 21.12           | 0.129         |
|            |                           |            |    | 25      | 12        | 21.43                  | 21.18           | 0.131         |
|            |                           |            |    | 25      | 25        | 21.37                  | 21.12           | 0.129         |
|            |                           |            |    | 50      | 0         | 21.44                  | 21.19           | 0.132         |

| Modulation | Carrier frequen-<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct-<br>ed power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|----|---------|--------------|-------------------------------|-----------------------|---------------------|
| QPSK       | 2507.5                          | 20825         | 15 | 1       | 0            | 23.40                         | 23.15                 | 0.207               |
|            |                                 |               |    | 1       | 37           | 23.09                         | 22.84                 | 0.192               |
|            |                                 |               |    | 1       | 74           | 23.08                         | 22.83                 | 0.192               |
|            |                                 |               |    | 36      | 0            | 22.01                         | 21.76                 | 0.150               |
|            |                                 |               |    | 36      | 29           | 22.32                         | 22.07                 | 0.161               |
|            |                                 |               |    | 36      | 30           | 22.20                         | 21.95                 | 0.157               |
|            |                                 |               |    | 75      | 0            | 22.34                         | 22.09                 | 0.162               |
|            | 2535                            | 21100         |    | 1       | 0            | 23.30                         | 23.05                 | 0.202               |
|            |                                 |               |    | 1       | 37           | 23.36                         | 23.11                 | 0.205               |
|            |                                 |               |    | 1       | 74           | 23.34                         | 23.09                 | 0.204               |
|            |                                 |               |    | 36      | 0            | 22.36                         | 22.11                 | 0.163               |
|            |                                 |               |    | 36      | 29           | 22.44                         | 22.19                 | 0.166               |
|            |                                 |               |    | 36      | 30           | 22.23                         | 21.98                 | 0.158               |
|            |                                 |               |    | 75      | 0            | 22.28                         | 22.03                 | 0.160               |
|            | 2562.5                          | 21375         |    | 1       | 0            | 23.45                         | 23.20                 | 0.209               |
|            |                                 |               |    | 1       | 37           | 23.25                         | 23.00                 | 0.200               |
|            |                                 |               |    | 1       | 74           | 23.22                         | 22.97                 | 0.198               |
|            |                                 |               |    | 36      | 0            | 22.41                         | 22.16                 | 0.164               |
|            |                                 |               |    | 36      | 29           | 22.35                         | 22.10                 | 0.162               |
|            |                                 |               |    | 36      | 30           | 22.34                         | 22.09                 | 0.162               |
|            |                                 |               |    | 75      | 0            | 22.23                         | 21.98                 | 0.158               |
| 16QAM      | 2507.5                          | 20825         | 1  | 0       | 22.55        | 22.30                         | 0.170                 |                     |
|            |                                 |               | 1  | 37      | 22.42        | 22.17                         | 0.165                 |                     |
|            |                                 |               | 1  | 74      | 22.44        | 22.19                         | 0.166                 |                     |
|            |                                 |               | 36 | 0       | 21.32        | 21.07                         | 0.128                 |                     |
|            |                                 |               | 36 | 29      | 21.31        | 21.06                         | 0.128                 |                     |
|            |                                 |               | 36 | 30      | 21.31        | 21.06                         | 0.128                 |                     |
|            |                                 |               | 75 | 0       | 21.21        | 20.96                         | 0.125                 |                     |
|            | 2535                            | 21100         | 1  | 0       | 22.58        | 22.33                         | 0.171                 |                     |
|            |                                 |               | 1  | 37      | 22.78        | 22.53                         | 0.179                 |                     |
|            |                                 |               | 1  | 74      | 22.78        | 22.53                         | 0.179                 |                     |
|            |                                 |               | 36 | 0       | 21.42        | 21.17                         | 0.131                 |                     |
|            |                                 |               | 36 | 29      | 21.44        | 21.19                         | 0.132                 |                     |
|            |                                 |               | 36 | 30      | 21.46        | 21.21                         | 0.132                 |                     |
|            |                                 |               | 75 | 0       | 21.87        | 21.62                         | 0.145                 |                     |
|            | 2562.5                          | 21375         | 1  | 0       | 22.90        | 22.65                         | 0.184                 |                     |
|            |                                 |               | 1  | 37      | 22.77        | 22.52                         | 0.179                 |                     |
|            |                                 |               | 1  | 74      | 22.59        | 22.34                         | 0.171                 |                     |
|            |                                 |               | 36 | 0       | 21.35        | 21.10                         | 0.129                 |                     |
|            |                                 |               | 36 | 29      | 21.39        | 21.14                         | 0.130                 |                     |
|            |                                 |               | 36 | 30      | 21.39        | 21.14                         | 0.130                 |                     |
|            |                                 |               | 75 | 0       | 21.37        | 21.12                         | 0.129                 |                     |

| Modulation | Carrier frequern cy (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|---------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 2507.5                    | 20825      | 15 | 1       | 0         | 21.30                  | 21.05           | 0.127         |
|            |                           |            |    | 1       | 37        | 21.35                  | 21.10           | 0.129         |
|            |                           |            |    | 1       | 74        | 21.47                  | 21.22           | 0.132         |
|            |                           |            |    | 36      | 0         | 21.35                  | 21.10           | 0.129         |
|            |                           |            |    | 36      | 29        | 21.28                  | 21.03           | 0.127         |
|            |                           |            |    | 36      | 30        | 21.28                  | 21.03           | 0.127         |
|            |                           |            |    | 75      | 0         | 21.35                  | 21.10           | 0.129         |
|            | 2535                      | 21100      |    | 1       | 0         | 21.81                  | 21.56           | 0.143         |
|            |                           |            |    | 1       | 37        | 21.81                  | 21.56           | 0.143         |
|            |                           |            |    | 1       | 74        | 21.81                  | 21.56           | 0.143         |
|            |                           |            |    | 36      | 0         | 21.81                  | 21.56           | 0.143         |
|            |                           |            |    | 36      | 29        | 21.81                  | 21.56           | 0.143         |
|            |                           |            |    | 36      | 30        | 21.81                  | 21.56           | 0.143         |
|            |                           |            |    | 75      | 0         | 21.81                  | 21.56           | 0.143         |
|            | 2562.5                    | 21375      |    | 1       | 0         | 21.37                  | 21.12           | 0.129         |
|            |                           |            |    | 1       | 37        | 21.38                  | 21.13           | 0.130         |
|            |                           |            |    | 1       | 74        | 21.39                  | 21.14           | 0.130         |
|            |                           |            |    | 36      | 0         | 21.39                  | 21.14           | 0.130         |
|            |                           |            |    | 36      | 29        | 21.39                  | 21.14           | 0.130         |
|            |                           |            |    | 36      | 30        | 21.39                  | 21.14           | 0.130         |
|            |                           |            |    | 75      | 0         | 21.40                  | 21.15           | 0.130         |

| Modulation | Carrier frequen-<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct-<br>ed power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|----|---------|--------------|-------------------------------|-----------------------|---------------------|
| QPSK       | 2510                            | 20850         | 20 | 1       | 0            | 23.36                         | 23.11                 | 0.205               |
|            |                                 |               |    | 1       | 49           | 23.17                         | 22.92                 | 0.196               |
|            |                                 |               |    | 1       | 99           | 23.17                         | 22.92                 | 0.196               |
|            |                                 |               |    | 50      | 0            | 22.07                         | 21.82                 | 0.152               |
|            |                                 |               |    | 50      | 24           | 22.09                         | 21.84                 | 0.153               |
|            |                                 |               |    | 50      | 50           | 22.09                         | 21.84                 | 0.153               |
|            |                                 |               |    | 100     | 0            | 22.02                         | 21.77                 | 0.150               |
|            | 2535                            | 21100         |    | 1       | 0            | 23.36                         | 23.11                 | 0.205               |
|            |                                 |               |    | 1       | 49           | 23.55                         | 23.30                 | 0.214               |
|            |                                 |               |    | 1       | 99           | 23.48                         | 23.23                 | 0.210               |
|            |                                 |               |    | 50      | 0            | 22.17                         | 21.92                 | 0.156               |
|            |                                 |               |    | 50      | 24           | 22.39                         | 22.14                 | 0.164               |
|            |                                 |               |    | 50      | 50           | 22.38                         | 22.13                 | 0.163               |
|            |                                 |               |    | 100     | 0            | 22.61                         | 22.36                 | 0.172               |
|            | 2560                            | 21350         |    | 1       | 0            | 23.56                         | 23.31                 | 0.214               |
|            |                                 |               |    | 1       | 49           | 23.39                         | 23.14                 | 0.206               |
|            |                                 |               |    | 1       | 99           | 23.37                         | 23.12                 | 0.205               |
|            |                                 |               |    | 50      | 0            | 22.45                         | 22.20                 | 0.166               |
|            |                                 |               |    | 50      | 24           | 22.21                         | 21.96                 | 0.157               |
|            |                                 |               |    | 50      | 50           | 22.31                         | 22.06                 | 0.161               |
|            |                                 |               |    | 100     | 0            | 22.36                         | 22.11                 | 0.163               |
| 16QAM      | 2510                            | 20850         |    | 1       | 0            | 22.07                         | 21.82                 | 0.152               |
|            |                                 |               |    | 1       | 49           | 21.82                         | 21.57                 | 0.144               |
|            |                                 |               |    | 1       | 99           | 21.83                         | 21.58                 | 0.144               |
|            |                                 |               |    | 50      | 0            | 21.24                         | 20.99                 | 0.126               |
|            |                                 |               |    | 50      | 24           | 21.33                         | 21.08                 | 0.128               |
|            |                                 |               |    | 50      | 50           | 21.33                         | 21.08                 | 0.128               |
|            |                                 |               |    | 100     | 0            | 21.61                         | 21.36                 | 0.137               |
|            | 2535                            | 21100         |    | 1       | 0            | 22.88                         | 22.63                 | 0.183               |
|            |                                 |               |    | 1       | 49           | 23.02                         | 22.77                 | 0.189               |
|            |                                 |               |    | 1       | 99           | 23.02                         | 22.77                 | 0.189               |
|            |                                 |               |    | 50      | 0            | 21.49                         | 21.24                 | 0.133               |
|            |                                 |               |    | 50      | 24           | 21.52                         | 21.27                 | 0.134               |
|            |                                 |               |    | 50      | 50           | 21.52                         | 21.27                 | 0.134               |
|            |                                 |               |    | 100     | 0            | 21.73                         | 21.48                 | 0.141               |
|            | 2560                            | 21350         |    | 1       | 0            | 23.15                         | 22.90                 | 0.195               |
|            |                                 |               |    | 1       | 49           | 23.07                         | 22.82                 | 0.191               |
|            |                                 |               |    | 1       | 99           | 22.94                         | 22.69                 | 0.186               |
|            |                                 |               |    | 50      | 0            | 21.47                         | 21.22                 | 0.132               |
|            |                                 |               |    | 50      | 24           | 21.32                         | 21.07                 | 0.128               |
|            |                                 |               |    | 50      | 50           | 21.50                         | 21.25                 | 0.133               |
|            |                                 |               |    | 100     | 0            | 21.51                         | 21.26                 | 0.134               |

| Modulation | Carrier frequern cy (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|---------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 64QAM      | 2510                      | 20850      | 20 | 1       | 0         | 21.61                  | 21.36           | 0.137         |
|            |                           |            |    | 1       | 49        | 21.60                  | 21.35           | 0.136         |
|            |                           |            |    | 1       | 99        | 21.60                  | 21.35           | 0.136         |
|            |                           |            |    | 50      | 0         | 21.60                  | 21.35           | 0.136         |
|            |                           |            |    | 50      | 24        | 21.60                  | 21.35           | 0.136         |
|            |                           |            |    | 50      | 50        | 21.60                  | 21.35           | 0.136         |
|            |                           |            |    | 100     | 0         | 21.60                  | 21.35           | 0.136         |
|            | 2535                      | 21100      |    | 1       | 0         | 21.73                  | 21.48           | 0.141         |
|            |                           |            |    | 1       | 49        | 21.73                  | 21.48           | 0.141         |
|            |                           |            |    | 1       | 99        | 21.73                  | 21.48           | 0.141         |
|            |                           |            |    | 50      | 0         | 21.73                  | 21.48           | 0.141         |
|            |                           |            |    | 50      | 24        | 21.73                  | 21.48           | 0.141         |
|            |                           |            |    | 50      | 50        | 21.72                  | 21.47           | 0.140         |
|            |                           |            |    | 100     | 0         | 21.73                  | 21.48           | 0.141         |
|            | 2560                      | 21350      |    | 1       | 0         | 21.52                  | 21.27           | 0.134         |
|            |                           |            |    | 1       | 49        | 21.52                  | 21.27           | 0.134         |
|            |                           |            |    | 1       | 99        | 21.52                  | 21.27           | 0.134         |
|            |                           |            |    | 50      | 0         | 21.52                  | 21.27           | 0.134         |
|            |                           |            |    | 50      | 24        | 21.52                  | 21.27           | 0.134         |
|            |                           |            |    | 50      | 50        | 21.53                  | 21.28           | 0.134         |
|            |                           |            |    | 100     | 0         | 21.53                  | 21.28           | 0.134         |