

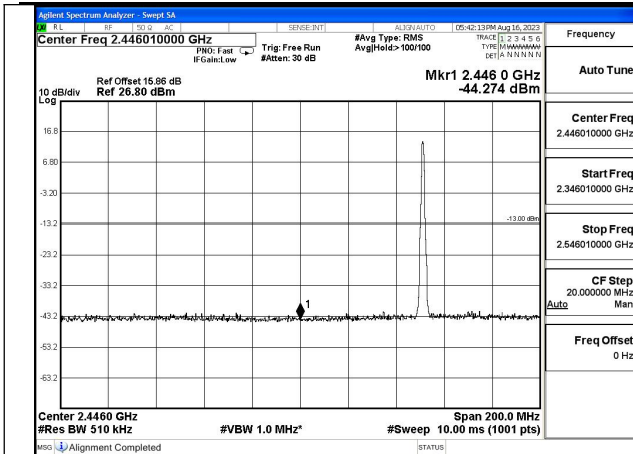


Fig.57

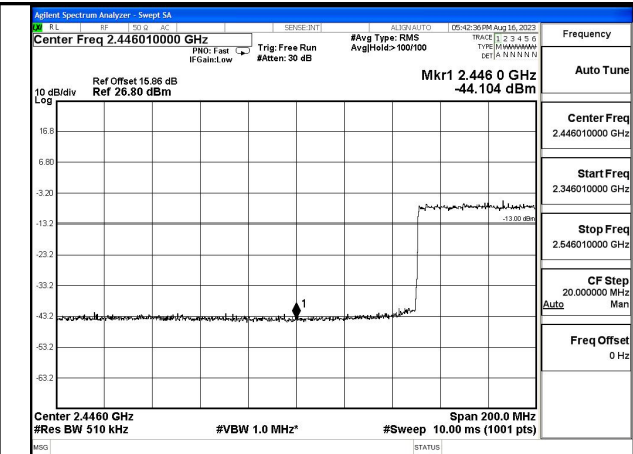


Fig.58

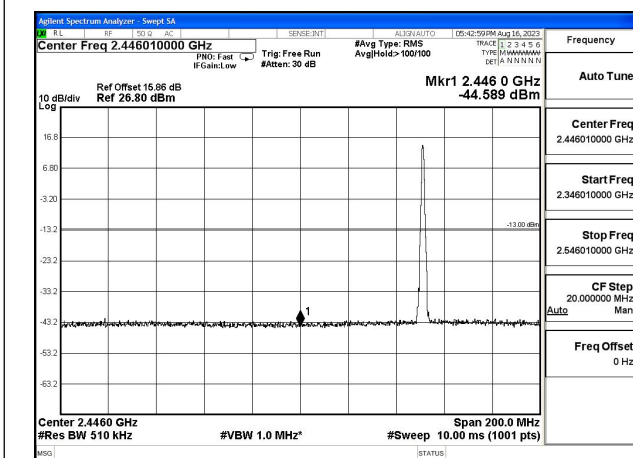


Fig.59

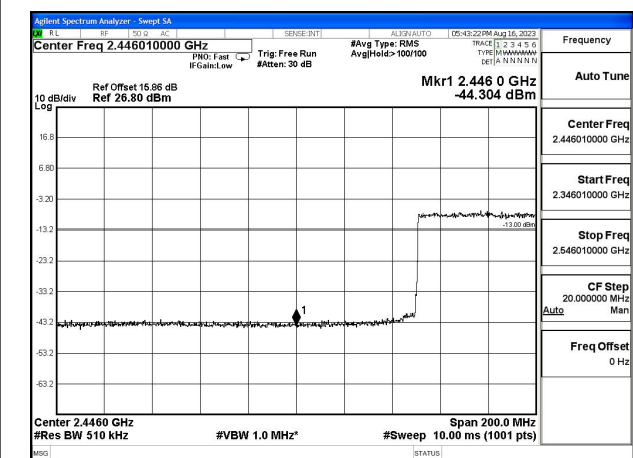


Fig.60

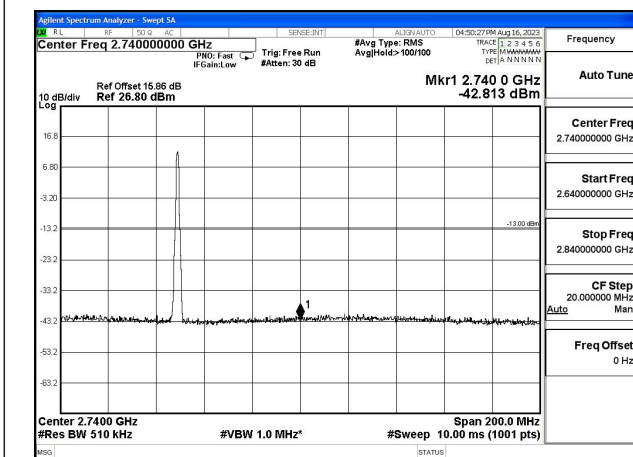


Fig.61

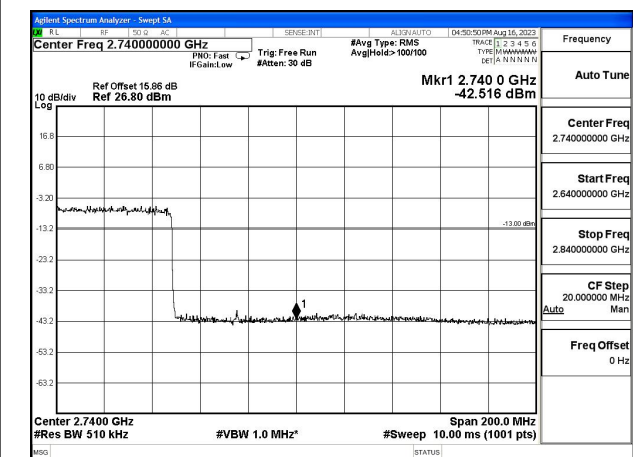


Fig.62

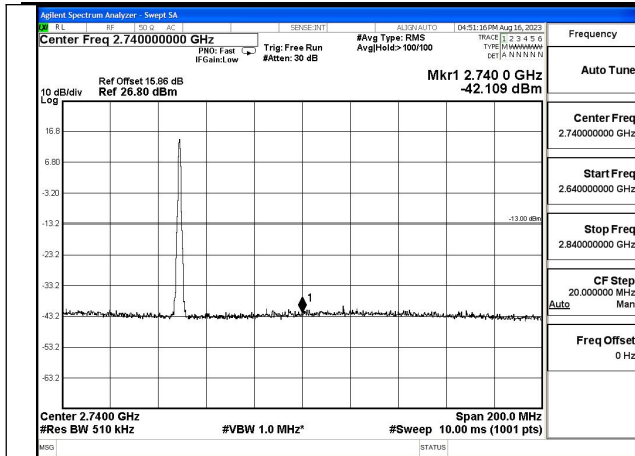


Fig.63

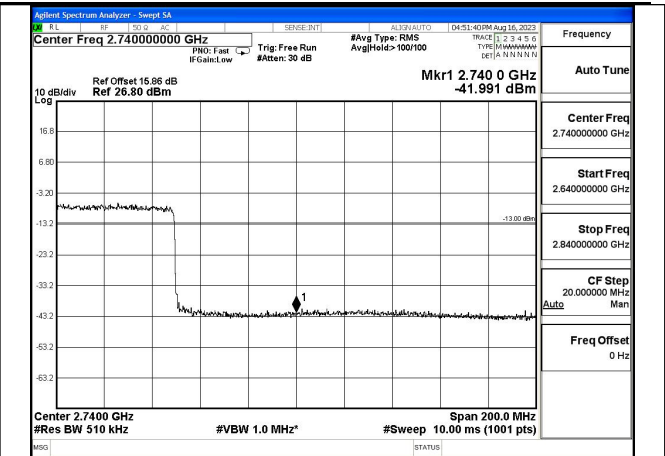


Fig.64

## 8 Frequency Stability

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Temperature (°C) | Voltage | Test Result (ppm) |
|----------------------|-------------------------|------------|----------|---------|-----------|------------------|---------|-------------------|
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | -10              | NV      | -0.0024           |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 0                | NV      | -0.009            |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 10               | NV      | -0.0035           |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 20               | NV      | -0.0039           |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 30               | NV      | -0.0039           |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 40               | NV      | -0.0039           |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 50               | NV      | -0.0051           |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 55               | NV      | -0.0054           |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 20               | LV      | -0.0024           |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 20               | HV      | -0.0071           |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | -10              | NV      | 0.0008            |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | 0                | NV      | -0.002            |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | 10               | NV      | -0.0031           |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | 20               | NV      | -0.0027           |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | 30               | NV      | -0.0016           |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | 40               | NV      | -0.0027           |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | 50               | NV      | -0.0012           |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | 55               | NV      | -0.0033           |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | 20               | LV      | 0.0008            |
| CP-OFDM QPSK         | 2546.01                 | 509202     | 100      | 1       | 0         | 20               | HV      | -0.002            |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | -10              | NV      | -0.0023           |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | 0                | NV      | -0.0061           |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | 10               | NV      | -0.0045           |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | 20               | NV      | -0.0023           |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | 30               | NV      | -0.0038           |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | 40               | NV      | 0.0000            |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | 50               | NV      | -0.0057           |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | 55               | NV      | -0.0053           |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | 20               | LV      | -0.0008           |
| DFT-s-OFDM PI/2 BPSK | 2640                    | 528000     | 100      | 1       | 0         | 20               | HV      | -0.0023           |
| CP-OFDM QPSK         | 2640                    | 528000     | 100      | 1       | 0         | -10              | NV      | 0.0019            |

|              |      |        |     |   |   |    |    |         |
|--------------|------|--------|-----|---|---|----|----|---------|
| CP-OFDM QPSK | 2640 | 528000 | 100 | 1 | 0 | 0  | NV | -0.0061 |
| CP-OFDM QPSK | 2640 | 528000 | 100 | 1 | 0 | 10 | NV | -0.0061 |
| CP-OFDM QPSK | 2640 | 528000 | 100 | 1 | 0 | 20 | NV | -0.0030 |
| CP-OFDM QPSK | 2640 | 528000 | 100 | 1 | 0 | 30 | NV | -0.0023 |
| CP-OFDM QPSK | 2640 | 528000 | 100 | 1 | 0 | 40 | NV | -0.0030 |
| CP-OFDM QPSK | 2640 | 528000 | 100 | 1 | 0 | 50 | NV | -0.0038 |
| CP-OFDM QPSK | 2640 | 528000 | 100 | 1 | 0 | 55 | NV | -0.0034 |
| CP-OFDM QPSK | 2640 | 528000 | 100 | 1 | 0 | 20 | LV | -0.0049 |
| CP-OFDM QPSK | 2640 | 528000 | 100 | 1 | 0 | 20 | HV | -0.0030 |

## 9 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|-----------------|---------------|
| DFT-s-OFDM PI/2 BPSK | 2506.02                 | 501204     | 20       | 1       | 0         | 23.31                 | 20.21           | 0.105         |
| DFT-s-OFDM PI/2 BPSK | 2506.02                 | 501204     | 20       | 1       | 50        | 23.41                 | 20.31           | 0.107         |
| DFT-s-OFDM PI/2 BPSK | 2506.02                 | 501204     | 20       | 25      | 12        | 23.57                 | 20.47           | 0.111         |
| DFT-s-OFDM PI/2 BPSK | 2506.02                 | 501204     | 20       | 50      | 0         | 23.55                 | 20.45           | 0.111         |
| DFT-s-OFDM QPSK      | 2506.02                 | 501204     | 20       | 1       | 0         | 23.34                 | 20.24           | 0.106         |
| DFT-s-OFDM QPSK      | 2506.02                 | 501204     | 20       | 1       | 50        | 23.41                 | 20.31           | 0.107         |
| DFT-s-OFDM QPSK      | 2506.02                 | 501204     | 20       | 25      | 12        | 23.53                 | 20.43           | 0.110         |
| DFT-s-OFDM QPSK      | 2506.02                 | 501204     | 20       | 50      | 0         | 23.67                 | 20.57           | 0.114         |
| DFT-s-OFDM 16QAM     | 2506.02                 | 501204     | 20       | 1       | 0         | 23.40                 | 20.30           | 0.107         |
| DFT-s-OFDM 16QAM     | 2506.02                 | 501204     | 20       | 1       | 50        | 23.57                 | 20.47           | 0.111         |
| DFT-s-OFDM 16QAM     | 2506.02                 | 501204     | 20       | 25      | 12        | 23.66                 | 20.56           | 0.114         |
| DFT-s-OFDM 16QAM     | 2506.02                 | 501204     | 20       | 50      | 0         | 23.50                 | 20.40           | 0.110         |
| DFT-s-OFDM 64QAM     | 2506.02                 | 501204     | 20       | 1       | 0         | 23.53                 | 20.43           | 0.110         |
| DFT-s-OFDM 64QAM     | 2506.02                 | 501204     | 20       | 1       | 50        | 23.42                 | 20.32           | 0.108         |
| DFT-s-OFDM 64QAM     | 2506.02                 | 501204     | 20       | 25      | 12        | 23.50                 | 20.40           | 0.110         |
| DFT-s-OFDM 64QAM     | 2506.02                 | 501204     | 20       | 50      | 0         | 23.69                 | 20.59           | 0.115         |
| DFT-s-OFDM 256QAM    | 2506.02                 | 501204     | 20       | 1       | 0         | 23.38                 | 20.28           | 0.107         |
| DFT-s-OFDM 256QAM    | 2506.02                 | 501204     | 20       | 1       | 50        | 23.28                 | 20.18           | 0.104         |
| DFT-s-OFDM 256QAM    | 2506.02                 | 501204     | 20       | 25      | 12        | 23.57                 | 20.47           | 0.111         |
| DFT-s-OFDM 256QAM    | 2506.02                 | 501204     | 20       | 50      | 0         | 23.54                 | 20.44           | 0.111         |
| CP-OFDM QPSK         | 2506.02                 | 501204     | 20       | 1       | 0         | 23.66                 | 20.56           | 0.114         |
| CP-OFDM QPSK         | 2506.02                 | 501204     | 20       | 1       | 50        | 23.58                 | 20.48           | 0.112         |
| CP-OFDM QPSK         | 2506.02                 | 501204     | 20       | 25      | 12        | 23.61                 | 20.51           | 0.112         |
| CP-OFDM QPSK         | 2506.02                 | 501204     | 20       | 51      | 0         | 23.49                 | 20.39           | 0.109         |
| CP-OFDM 16QAM        | 2506.02                 | 501204     | 20       | 1       | 0         | 23.10                 | 20.00           | 0.100         |
| CP-OFDM 16QAM        | 2506.02                 | 501204     | 20       | 1       | 50        | 23.32                 | 20.22           | 0.105         |
| CP-OFDM 16QAM        | 2506.02                 | 501204     | 20       | 25      | 12        | 23.70                 | 20.60           | 0.115         |
| CP-OFDM 16QAM        | 2506.02                 | 501204     | 20       | 51      | 0         | 23.43                 | 20.33           | 0.108         |
| CP-OFDM 64QAM        | 2506.02                 | 501204     | 20       | 1       | 0         | 23.06                 | 19.96           | 0.099         |
| CP-OFDM 64QAM        | 2506.02                 | 501204     | 20       | 1       | 50        | 23.19                 | 20.09           | 0.102         |
| CP-OFDM 64QAM        | 2506.02                 | 501204     | 20       | 25      | 12        | 23.75                 | 20.65           | 0.116         |
| CP-OFDM 64QAM        | 2506.02                 | 501204     | 20       | 51      | 0         | 23.52                 | 20.42           | 0.110         |
| CP-OFDM 256QAM       | 2506.02                 | 501204     | 20       | 1       | 0         | 21.75                 | 18.65           | 0.073         |
| CP-OFDM 256QAM       | 2506.02                 | 501204     | 20       | 1       | 50        | 22.07                 | 18.97           | 0.079         |
| CP-OFDM 256QAM       | 2506.02                 | 501204     | 20       | 25      | 12        | 22.00                 | 18.90           | 0.078         |
| CP-OFDM 256QAM       | 2506.02                 | 501204     | 20       | 51      | 0         | 22.03                 | 18.93           | 0.078         |
| DFT-s-OFDM PI/2 BPSK | 2592.99                 | 518598     | 20       | 1       | 0         | 23.76                 | 20.66           | 0.116         |
| DFT-s-OFDM PI/2 BPSK | 2592.99                 | 518598     | 20       | 1       | 50        | 23.10                 | 20.00           | 0.100         |
| DFT-s-OFDM PI/2 BPSK | 2592.99                 | 518598     | 20       | 25      | 12        | 23.17                 | 20.07           | 0.102         |
| DFT-s-OFDM PI/2 BPSK | 2592.99                 | 518598     | 20       | 50      | 0         | 23.96                 | 20.86           | 0.122         |
| DFT-s-OFDM QPSK      | 2592.99                 | 518598     | 20       | 1       | 0         | 23.95                 | 20.85           | 0.122         |
| DFT-s-OFDM QPSK      | 2592.99                 | 518598     | 20       | 1       | 50        | 23.33                 | 20.23           | 0.105         |
| DFT-s-OFDM QPSK      | 2592.99                 | 518598     | 20       | 25      | 12        | 23.03                 | 19.93           | 0.098         |

|                      |         |        |    |    |    |       |       |       |
|----------------------|---------|--------|----|----|----|-------|-------|-------|
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 20 | 50 | 0  | 23.01 | 19.91 | 0.098 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 20 | 1  | 0  | 23.87 | 20.77 | 0.119 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 20 | 1  | 50 | 23.94 | 20.84 | 0.121 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 20 | 25 | 12 | 23.20 | 20.10 | 0.102 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 20 | 50 | 0  | 23.05 | 19.95 | 0.099 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 20 | 1  | 0  | 23.50 | 20.40 | 0.110 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 20 | 1  | 50 | 23.01 | 19.91 | 0.098 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 20 | 25 | 12 | 23.09 | 19.99 | 0.100 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 20 | 50 | 0  | 23.29 | 20.19 | 0.104 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 20 | 1  | 0  | 23.72 | 20.62 | 0.115 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 20 | 1  | 50 | 23.89 | 20.79 | 0.120 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 20 | 25 | 12 | 23.12 | 20.02 | 0.100 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 20 | 50 | 0  | 23.06 | 19.96 | 0.099 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 20 | 1  | 0  | 23.69 | 20.59 | 0.115 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 20 | 1  | 50 | 23.31 | 20.21 | 0.105 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 20 | 25 | 12 | 23.08 | 19.98 | 0.100 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 20 | 51 | 0  | 23.23 | 20.13 | 0.103 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 20 | 1  | 0  | 23.75 | 20.65 | 0.116 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 20 | 1  | 50 | 23.14 | 20.04 | 0.101 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 20 | 25 | 12 | 23.10 | 20.00 | 0.100 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 20 | 51 | 0  | 23.18 | 20.08 | 0.102 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 20 | 1  | 0  | 23.45 | 20.35 | 0.108 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 20 | 1  | 50 | 23.94 | 20.84 | 0.121 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 20 | 25 | 12 | 23.02 | 19.92 | 0.098 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 20 | 51 | 0  | 23.17 | 20.07 | 0.102 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 20 | 1  | 0  | 22.38 | 19.28 | 0.085 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 20 | 1  | 50 | 22.61 | 19.51 | 0.089 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 20 | 25 | 12 | 22.81 | 19.71 | 0.094 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 20 | 51 | 0  | 22.69 | 19.59 | 0.091 |
| DFT-s-OFDM PI/2 BPSK | 2679.99 | 535998 | 20 | 1  | 0  | 23.46 | 20.36 | 0.109 |
| DFT-s-OFDM PI/2 BPSK | 2679.99 | 535998 | 20 | 1  | 50 | 22.93 | 19.83 | 0.096 |
| DFT-s-OFDM PI/2 BPSK | 2679.99 | 535998 | 20 | 25 | 12 | 23.99 | 20.89 | 0.123 |
| DFT-s-OFDM PI/2 BPSK | 2679.99 | 535998 | 20 | 50 | 0  | 23.86 | 20.76 | 0.119 |
| DFT-s-OFDM QPSK      | 2679.99 | 535998 | 20 | 1  | 0  | 23.75 | 20.65 | 0.116 |
| DFT-s-OFDM QPSK      | 2679.99 | 535998 | 20 | 1  | 50 | 23.33 | 20.23 | 0.105 |
| DFT-s-OFDM QPSK      | 2679.99 | 535998 | 20 | 25 | 12 | 23.90 | 20.80 | 0.120 |
| DFT-s-OFDM QPSK      | 2679.99 | 535998 | 20 | 50 | 0  | 23.79 | 20.69 | 0.117 |
| DFT-s-OFDM 16QAM     | 2679.99 | 535998 | 20 | 1  | 0  | 23.44 | 20.34 | 0.108 |
| DFT-s-OFDM 16QAM     | 2679.99 | 535998 | 20 | 1  | 50 | 23.08 | 19.98 | 0.100 |
| DFT-s-OFDM 16QAM     | 2679.99 | 535998 | 20 | 25 | 12 | 23.98 | 20.88 | 0.122 |
| DFT-s-OFDM 16QAM     | 2679.99 | 535998 | 20 | 50 | 0  | 23.84 | 20.74 | 0.119 |
| DFT-s-OFDM 64QAM     | 2679.99 | 535998 | 20 | 1  | 0  | 23.67 | 20.57 | 0.114 |
| DFT-s-OFDM 64QAM     | 2679.99 | 535998 | 20 | 1  | 50 | 23.09 | 19.99 | 0.100 |
| DFT-s-OFDM 64QAM     | 2679.99 | 535998 | 20 | 25 | 12 | 23.83 | 20.73 | 0.118 |
| DFT-s-OFDM 64QAM     | 2679.99 | 535998 | 20 | 50 | 0  | 23.71 | 20.61 | 0.115 |
| DFT-s-OFDM 256QAM    | 2679.99 | 535998 | 20 | 1  | 0  | 23.72 | 20.62 | 0.115 |

|                   |         |        |    |    |    |       |       |       |
|-------------------|---------|--------|----|----|----|-------|-------|-------|
| DFT-s-OFDM 256QAM | 2679.99 | 535998 | 20 | 1  | 50 | 23.07 | 19.97 | 0.099 |
| DFT-s-OFDM 256QAM | 2679.99 | 535998 | 20 | 25 | 12 | 23.93 | 20.83 | 0.121 |
| DFT-s-OFDM 256QAM | 2679.99 | 535998 | 20 | 50 | 0  | 23.86 | 20.76 | 0.119 |
| CP-OFDM QPSK      | 2679.99 | 535998 | 20 | 1  | 0  | 23.89 | 20.79 | 0.120 |
| CP-OFDM QPSK      | 2679.99 | 535998 | 20 | 1  | 50 | 23.60 | 20.50 | 0.112 |
| CP-OFDM QPSK      | 2679.99 | 535998 | 20 | 25 | 12 | 23.98 | 20.88 | 0.122 |
| CP-OFDM QPSK      | 2679.99 | 535998 | 20 | 51 | 0  | 23.73 | 20.63 | 0.116 |
| CP-OFDM 16QAM     | 2679.99 | 535998 | 20 | 1  | 0  | 23.59 | 20.49 | 0.112 |
| CP-OFDM 16QAM     | 2679.99 | 535998 | 20 | 1  | 50 | 22.94 | 19.84 | 0.096 |
| CP-OFDM 16QAM     | 2679.99 | 535998 | 20 | 25 | 12 | 23.87 | 20.77 | 0.119 |
| CP-OFDM 16QAM     | 2679.99 | 535998 | 20 | 51 | 0  | 23.86 | 20.76 | 0.119 |
| CP-OFDM 64QAM     | 2679.99 | 535998 | 20 | 1  | 0  | 23.44 | 20.34 | 0.108 |
| CP-OFDM 64QAM     | 2679.99 | 535998 | 20 | 1  | 50 | 22.93 | 19.83 | 0.096 |
| CP-OFDM 64QAM     | 2679.99 | 535998 | 20 | 25 | 12 | 23.10 | 20.00 | 0.100 |
| CP-OFDM 64QAM     | 2679.99 | 535998 | 20 | 51 | 0  | 23.70 | 20.60 | 0.115 |
| CP-OFDM 256QAM    | 2679.99 | 535998 | 20 | 1  | 0  | 22.03 | 18.93 | 0.078 |
| CP-OFDM 256QAM    | 2679.99 | 535998 | 20 | 1  | 50 | 21.75 | 18.65 | 0.073 |
| CP-OFDM 256QAM    | 2679.99 | 535998 | 20 | 25 | 12 | 22.51 | 19.41 | 0.087 |
| CP-OFDM 256QAM    | 2679.99 | 535998 | 20 | 51 | 0  | 22.38 | 19.28 | 0.085 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|-----------------|---------------|
| DFT-s-OFDM PI/2 BPSK | 2511                    | 502200     | 30       | 1       | 0         | 23.45                 | 20.35           | 0.108         |
| DFT-s-OFDM PI/2 BPSK | 2511                    | 502200     | 30       | 1       | 77        | 23.60                 | 20.50           | 0.112         |
| DFT-s-OFDM PI/2 BPSK | 2511                    | 502200     | 30       | 36      | 18        | 23.56                 | 20.46           | 0.111         |
| DFT-s-OFDM PI/2 BPSK | 2511                    | 502200     | 30       | 75      | 0         | 23.65                 | 20.55           | 0.114         |
| DFT-s-OFDM QPSK      | 2511                    | 502200     | 30       | 1       | 0         | 23.54                 | 20.44           | 0.111         |
| DFT-s-OFDM QPSK      | 2511                    | 502200     | 30       | 1       | 77        | 23.55                 | 20.45           | 0.111         |
| DFT-s-OFDM QPSK      | 2511                    | 502200     | 30       | 36      | 18        | 23.53                 | 20.43           | 0.110         |
| DFT-s-OFDM QPSK      | 2511                    | 502200     | 30       | 75      | 0         | 23.60                 | 20.50           | 0.112         |
| DFT-s-OFDM 16QAM     | 2511                    | 502200     | 30       | 1       | 0         | 23.41                 | 20.31           | 0.107         |
| DFT-s-OFDM 16QAM     | 2511                    | 502200     | 30       | 1       | 77        | 23.14                 | 20.04           | 0.101         |
| DFT-s-OFDM 16QAM     | 2511                    | 502200     | 30       | 36      | 18        | 23.52                 | 20.42           | 0.110         |
| DFT-s-OFDM 16QAM     | 2511                    | 502200     | 30       | 75      | 0         | 23.62                 | 20.52           | 0.113         |
| DFT-s-OFDM 64QAM     | 2511                    | 502200     | 30       | 1       | 0         | 23.34                 | 20.24           | 0.106         |
| DFT-s-OFDM 64QAM     | 2511                    | 502200     | 30       | 1       | 77        | 23.31                 | 20.21           | 0.105         |
| DFT-s-OFDM 64QAM     | 2511                    | 502200     | 30       | 36      | 18        | 23.56                 | 20.46           | 0.111         |
| DFT-s-OFDM 64QAM     | 2511                    | 502200     | 30       | 75      | 0         | 23.76                 | 20.66           | 0.116         |
| DFT-s-OFDM 256QAM    | 2511                    | 502200     | 30       | 1       | 0         | 23.17                 | 20.07           | 0.102         |
| DFT-s-OFDM 256QAM    | 2511                    | 502200     | 30       | 1       | 77        | 23.34                 | 20.24           | 0.106         |
| DFT-s-OFDM 256QAM    | 2511                    | 502200     | 30       | 36      | 18        | 23.36                 | 20.26           | 0.106         |
| DFT-s-OFDM 256QAM    | 2511                    | 502200     | 30       | 75      | 0         | 23.65                 | 20.55           | 0.114         |
| CP-OFDM QPSK         | 2511                    | 502200     | 30       | 1       | 0         | 23.30                 | 20.20           | 0.105         |
| CP-OFDM QPSK         | 2511                    | 502200     | 30       | 1       | 77        | 23.42                 | 20.32           | 0.108         |
| CP-OFDM QPSK         | 2511                    | 502200     | 30       | 39      | 19        | 23.48                 | 20.38           | 0.109         |
| CP-OFDM QPSK         | 2511                    | 502200     | 30       | 78      | 0         | 23.59                 | 20.49           | 0.112         |

|                      |         |        |    |    |    |       |       |       |
|----------------------|---------|--------|----|----|----|-------|-------|-------|
| CP-OFDM 16QAM        | 2511    | 502200 | 30 | 1  | 0  | 23.15 | 20.05 | 0.101 |
| CP-OFDM 16QAM        | 2511    | 502200 | 30 | 1  | 77 | 23.19 | 20.09 | 0.102 |
| CP-OFDM 16QAM        | 2511    | 502200 | 30 | 39 | 19 | 23.55 | 20.45 | 0.111 |
| CP-OFDM 16QAM        | 2511    | 502200 | 30 | 78 | 0  | 23.70 | 20.60 | 0.115 |
| CP-OFDM 64QAM        | 2511    | 502200 | 30 | 1  | 0  | 23.09 | 19.99 | 0.100 |
| CP-OFDM 64QAM        | 2511    | 502200 | 30 | 1  | 77 | 23.17 | 20.07 | 0.102 |
| CP-OFDM 64QAM        | 2511    | 502200 | 30 | 39 | 19 | 23.57 | 20.47 | 0.111 |
| CP-OFDM 64QAM        | 2511    | 502200 | 30 | 78 | 0  | 23.48 | 20.38 | 0.109 |
| CP-OFDM 256QAM       | 2511    | 502200 | 30 | 1  | 0  | 21.93 | 18.83 | 0.076 |
| CP-OFDM 256QAM       | 2511    | 502200 | 30 | 1  | 77 | 21.87 | 18.77 | 0.075 |
| CP-OFDM 256QAM       | 2511    | 502200 | 30 | 39 | 19 | 21.97 | 18.87 | 0.077 |
| CP-OFDM 256QAM       | 2511    | 502200 | 30 | 78 | 0  | 21.94 | 18.84 | 0.077 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 30 | 1  | 0  | 23.11 | 20.01 | 0.100 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 30 | 1  | 77 | 23.12 | 20.02 | 0.100 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 30 | 36 | 18 | 23.03 | 19.93 | 0.098 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 30 | 75 | 0  | 23.16 | 20.06 | 0.101 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 30 | 1  | 0  | 23.13 | 20.03 | 0.101 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 30 | 1  | 77 | 23.53 | 20.43 | 0.110 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 30 | 36 | 18 | 23.79 | 20.69 | 0.117 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 30 | 75 | 0  | 23.79 | 20.69 | 0.117 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 30 | 1  | 0  | 23.91 | 20.81 | 0.121 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 30 | 1  | 77 | 23.22 | 20.12 | 0.103 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 30 | 36 | 18 | 23.57 | 20.47 | 0.111 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 30 | 75 | 0  | 23.01 | 19.91 | 0.098 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 30 | 1  | 0  | 23.67 | 20.57 | 0.114 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 30 | 1  | 77 | 23.73 | 20.63 | 0.116 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 30 | 36 | 18 | 23.46 | 20.36 | 0.109 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 30 | 75 | 0  | 23.67 | 20.57 | 0.114 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 30 | 1  | 0  | 23.61 | 20.51 | 0.112 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 30 | 1  | 77 | 23.86 | 20.76 | 0.119 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 30 | 36 | 18 | 23.16 | 20.06 | 0.101 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 30 | 75 | 0  | 23.16 | 20.06 | 0.101 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 30 | 1  | 0  | 23.65 | 20.55 | 0.114 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 30 | 1  | 77 | 23.67 | 20.57 | 0.114 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 30 | 39 | 19 | 23.95 | 20.85 | 0.122 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 30 | 78 | 0  | 23.32 | 20.22 | 0.105 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 30 | 1  | 0  | 23.92 | 20.82 | 0.121 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 30 | 1  | 77 | 23.74 | 20.64 | 0.116 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 30 | 39 | 19 | 23.88 | 20.78 | 0.120 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 30 | 78 | 0  | 23.45 | 20.35 | 0.108 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 30 | 1  | 0  | 23.55 | 20.45 | 0.111 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 30 | 1  | 77 | 23.76 | 20.66 | 0.116 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 30 | 39 | 19 | 24.02 | 20.92 | 0.124 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 30 | 78 | 0  | 23.95 | 20.85 | 0.122 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 30 | 1  | 0  | 22.01 | 18.91 | 0.078 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 30 | 1  | 77 | 22.64 | 19.54 | 0.090 |

|                      |         |        |    |    |    |       |       |       |
|----------------------|---------|--------|----|----|----|-------|-------|-------|
| CP-OFDM 256QAM       | 2592.99 | 518598 | 30 | 39 | 19 | 22.85 | 19.75 | 0.094 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 30 | 78 | 0  | 22.61 | 19.51 | 0.089 |
| DFT-s-OFDM PI/2 BPSK | 2674.98 | 534996 | 30 | 1  | 0  | 23.85 | 20.75 | 0.119 |
| DFT-s-OFDM PI/2 BPSK | 2674.98 | 534996 | 30 | 1  | 77 | 23.27 | 20.17 | 0.104 |
| DFT-s-OFDM PI/2 BPSK | 2674.98 | 534996 | 30 | 36 | 18 | 23.78 | 20.68 | 0.117 |
| DFT-s-OFDM PI/2 BPSK | 2674.98 | 534996 | 30 | 75 | 0  | 23.86 | 20.76 | 0.119 |
| DFT-s-OFDM QPSK      | 2674.98 | 534996 | 30 | 1  | 0  | 23.42 | 20.32 | 0.108 |
| DFT-s-OFDM QPSK      | 2674.98 | 534996 | 30 | 1  | 77 | 23.63 | 20.53 | 0.113 |
| DFT-s-OFDM QPSK      | 2674.98 | 534996 | 30 | 36 | 18 | 23.80 | 20.70 | 0.117 |
| DFT-s-OFDM QPSK      | 2674.98 | 534996 | 30 | 75 | 0  | 23.31 | 20.21 | 0.105 |
| DFT-s-OFDM 16QAM     | 2674.98 | 534996 | 30 | 1  | 0  | 23.02 | 19.92 | 0.098 |
| DFT-s-OFDM 16QAM     | 2674.98 | 534996 | 30 | 1  | 77 | 23.69 | 20.59 | 0.115 |
| DFT-s-OFDM 16QAM     | 2674.98 | 534996 | 30 | 36 | 18 | 23.77 | 20.67 | 0.117 |
| DFT-s-OFDM 16QAM     | 2674.98 | 534996 | 30 | 75 | 0  | 23.29 | 20.19 | 0.104 |
| DFT-s-OFDM 64QAM     | 2674.98 | 534996 | 30 | 1  | 0  | 23.24 | 20.14 | 0.103 |
| DFT-s-OFDM 64QAM     | 2674.98 | 534996 | 30 | 1  | 77 | 23.13 | 20.03 | 0.101 |
| DFT-s-OFDM 64QAM     | 2674.98 | 534996 | 30 | 36 | 18 | 23.24 | 20.14 | 0.103 |
| DFT-s-OFDM 64QAM     | 2674.98 | 534996 | 30 | 75 | 0  | 23.35 | 20.25 | 0.106 |
| DFT-s-OFDM 256QAM    | 2674.98 | 534996 | 30 | 1  | 0  | 23.35 | 20.25 | 0.106 |
| DFT-s-OFDM 256QAM    | 2674.98 | 534996 | 30 | 1  | 77 | 23.61 | 20.51 | 0.112 |
| DFT-s-OFDM 256QAM    | 2674.98 | 534996 | 30 | 36 | 18 | 23.79 | 20.69 | 0.117 |
| DFT-s-OFDM 256QAM    | 2674.98 | 534996 | 30 | 75 | 0  | 23.68 | 20.58 | 0.114 |
| CP-OFDM QPSK         | 2674.98 | 534996 | 30 | 1  | 0  | 23.73 | 20.63 | 0.116 |
| CP-OFDM QPSK         | 2674.98 | 534996 | 30 | 1  | 77 | 23.04 | 19.94 | 0.099 |
| CP-OFDM QPSK         | 2674.98 | 534996 | 30 | 39 | 19 | 23.62 | 20.52 | 0.113 |
| CP-OFDM QPSK         | 2674.98 | 534996 | 30 | 78 | 0  | 23.16 | 20.06 | 0.101 |
| CP-OFDM 16QAM        | 2674.98 | 534996 | 30 | 1  | 0  | 23.58 | 20.48 | 0.112 |
| CP-OFDM 16QAM        | 2674.98 | 534996 | 30 | 1  | 77 | 23.18 | 20.08 | 0.102 |
| CP-OFDM 16QAM        | 2674.98 | 534996 | 30 | 39 | 19 | 23.71 | 20.61 | 0.115 |
| CP-OFDM 16QAM        | 2674.98 | 534996 | 30 | 78 | 0  | 23.50 | 20.40 | 0.110 |
| CP-OFDM 64QAM        | 2674.98 | 534996 | 30 | 1  | 0  | 23.38 | 20.28 | 0.107 |
| CP-OFDM 64QAM        | 2674.98 | 534996 | 30 | 1  | 77 | 23.47 | 20.37 | 0.109 |
| CP-OFDM 64QAM        | 2674.98 | 534996 | 30 | 39 | 19 | 23.58 | 20.48 | 0.112 |
| CP-OFDM 64QAM        | 2674.98 | 534996 | 30 | 78 | 0  | 23.48 | 20.38 | 0.109 |
| CP-OFDM 256QAM       | 2674.98 | 534996 | 30 | 1  | 0  | 22.14 | 19.04 | 0.080 |
| CP-OFDM 256QAM       | 2674.98 | 534996 | 30 | 1  | 77 | 22.03 | 18.93 | 0.078 |
| CP-OFDM 256QAM       | 2674.98 | 534996 | 30 | 39 | 19 | 22.56 | 19.46 | 0.088 |
| CP-OFDM 256QAM       | 2674.98 | 534996 | 30 | 78 | 0  | 22.42 | 19.32 | 0.086 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|-----------------|---------------|
| DFT-s-OFDM PI/2 BPSK | 2516.01                 | 503202     | 40       | 1       | 0         | 23.53                 | 20.43           | 0.110         |
| DFT-s-OFDM PI/2 BPSK | 2516.01                 | 503202     | 40       | 1       | 105       | 22.93                 | 19.83           | 0.096         |
| DFT-s-OFDM PI/2 BPSK | 2516.01                 | 503202     | 40       | 50      | 25        | 23.53                 | 20.43           | 0.110         |
| DFT-s-OFDM PI/2 BPSK | 2516.01                 | 503202     | 40       | 100     | 0         | 23.45                 | 20.35           | 0.108         |
| DFT-s-OFDM QPSK      | 2516.01                 | 503202     | 40       | 1       | 0         | 23.56                 | 20.46           | 0.111         |

|                      |         |        |    |     |     |       |       |       |
|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| DFT-s-OFDM QPSK      | 2516.01 | 503202 | 40 | 1   | 105 | 22.94 | 19.84 | 0.096 |
| DFT-s-OFDM QPSK      | 2516.01 | 503202 | 40 | 50  | 25  | 23.62 | 20.52 | 0.113 |
| DFT-s-OFDM QPSK      | 2516.01 | 503202 | 40 | 100 | 0   | 23.38 | 20.28 | 0.107 |
| DFT-s-OFDM 16QAM     | 2516.01 | 503202 | 40 | 1   | 0   | 23.43 | 20.33 | 0.108 |
| DFT-s-OFDM 16QAM     | 2516.01 | 503202 | 40 | 1   | 105 | 22.87 | 19.77 | 0.095 |
| DFT-s-OFDM 16QAM     | 2516.01 | 503202 | 40 | 50  | 25  | 23.66 | 20.56 | 0.114 |
| DFT-s-OFDM 16QAM     | 2516.01 | 503202 | 40 | 100 | 0   | 23.67 | 20.57 | 0.114 |
| DFT-s-OFDM 64QAM     | 2516.01 | 503202 | 40 | 1   | 0   | 23.36 | 20.26 | 0.106 |
| DFT-s-OFDM 64QAM     | 2516.01 | 503202 | 40 | 1   | 105 | 22.65 | 19.55 | 0.090 |
| DFT-s-OFDM 64QAM     | 2516.01 | 503202 | 40 | 50  | 25  | 23.71 | 20.61 | 0.115 |
| DFT-s-OFDM 64QAM     | 2516.01 | 503202 | 40 | 100 | 0   | 23.51 | 20.41 | 0.110 |
| DFT-s-OFDM 256QAM    | 2516.01 | 503202 | 40 | 1   | 0   | 23.17 | 20.07 | 0.102 |
| DFT-s-OFDM 256QAM    | 2516.01 | 503202 | 40 | 1   | 105 | 22.83 | 19.73 | 0.094 |
| DFT-s-OFDM 256QAM    | 2516.01 | 503202 | 40 | 50  | 25  | 23.44 | 20.34 | 0.108 |
| DFT-s-OFDM 256QAM    | 2516.01 | 503202 | 40 | 100 | 0   | 23.58 | 20.48 | 0.112 |
| CP-OFDM QPSK         | 2516.01 | 503202 | 40 | 1   | 0   | 23.58 | 20.48 | 0.112 |
| CP-OFDM QPSK         | 2516.01 | 503202 | 40 | 1   | 105 | 22.96 | 19.86 | 0.097 |
| CP-OFDM QPSK         | 2516.01 | 503202 | 40 | 53  | 26  | 23.69 | 20.59 | 0.115 |
| CP-OFDM QPSK         | 2516.01 | 503202 | 40 | 106 | 0   | 23.43 | 20.33 | 0.108 |
| CP-OFDM 16QAM        | 2516.01 | 503202 | 40 | 1   | 0   | 23.17 | 20.07 | 0.102 |
| CP-OFDM 16QAM        | 2516.01 | 503202 | 40 | 1   | 105 | 22.96 | 19.86 | 0.097 |
| CP-OFDM 16QAM        | 2516.01 | 503202 | 40 | 53  | 26  | 23.65 | 20.55 | 0.114 |
| CP-OFDM 16QAM        | 2516.01 | 503202 | 40 | 106 | 0   | 23.46 | 20.36 | 0.109 |
| CP-OFDM 64QAM        | 2516.01 | 503202 | 40 | 1   | 0   | 23.07 | 19.97 | 0.099 |
| CP-OFDM 64QAM        | 2516.01 | 503202 | 40 | 1   | 105 | 22.69 | 19.59 | 0.091 |
| CP-OFDM 64QAM        | 2516.01 | 503202 | 40 | 53  | 26  | 23.42 | 20.32 | 0.108 |
| CP-OFDM 64QAM        | 2516.01 | 503202 | 40 | 106 | 0   | 23.34 | 20.24 | 0.106 |
| CP-OFDM 256QAM       | 2516.01 | 503202 | 40 | 1   | 0   | 21.92 | 18.82 | 0.076 |
| CP-OFDM 256QAM       | 2516.01 | 503202 | 40 | 1   | 105 | 21.39 | 18.29 | 0.067 |
| CP-OFDM 256QAM       | 2516.01 | 503202 | 40 | 53  | 26  | 21.95 | 18.85 | 0.077 |
| CP-OFDM 256QAM       | 2516.01 | 503202 | 40 | 106 | 0   | 21.88 | 18.78 | 0.076 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 40 | 1   | 0   | 23.25 | 20.15 | 0.104 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 40 | 1   | 105 | 23.02 | 19.92 | 0.098 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 40 | 50  | 25  | 23.14 | 20.04 | 0.101 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 40 | 100 | 0   | 23.19 | 20.09 | 0.102 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 40 | 1   | 0   | 23.90 | 20.80 | 0.120 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 40 | 1   | 105 | 23.74 | 20.64 | 0.116 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 40 | 50  | 25  | 23.62 | 20.52 | 0.113 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 40 | 100 | 0   | 23.80 | 20.70 | 0.117 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 40 | 1   | 0   | 23.77 | 20.67 | 0.117 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 40 | 1   | 105 | 23.59 | 20.49 | 0.112 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 40 | 50  | 25  | 23.03 | 19.93 | 0.098 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 40 | 100 | 0   | 23.32 | 20.22 | 0.105 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 40 | 1   | 0   | 23.62 | 20.52 | 0.113 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 40 | 1   | 105 | 23.78 | 20.68 | 0.117 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 40 | 50  | 25  | 23.89 | 20.79 | 0.120 |

|                      |         |        |    |     |     |       |       |       |
|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 40 | 100 | 0   | 23.51 | 20.41 | 0.110 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 40 | 1   | 0   | 23.47 | 20.37 | 0.109 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 40 | 1   | 105 | 23.72 | 20.62 | 0.115 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 40 | 50  | 25  | 23.39 | 20.29 | 0.107 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 40 | 100 | 0   | 23.00 | 19.90 | 0.098 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 40 | 1   | 0   | 23.48 | 20.38 | 0.109 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 40 | 1   | 105 | 23.97 | 20.87 | 0.122 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 40 | 53  | 26  | 23.01 | 19.91 | 0.098 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 40 | 106 | 0   | 23.84 | 20.74 | 0.119 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 40 | 1   | 0   | 23.18 | 20.08 | 0.102 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 40 | 1   | 105 | 23.03 | 19.93 | 0.098 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 40 | 53  | 26  | 23.47 | 20.37 | 0.109 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 40 | 106 | 0   | 23.31 | 20.21 | 0.105 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 40 | 1   | 0   | 23.40 | 20.30 | 0.107 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 40 | 1   | 105 | 23.92 | 20.82 | 0.121 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 40 | 53  | 26  | 23.41 | 20.31 | 0.107 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 40 | 106 | 0   | 23.27 | 20.17 | 0.104 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 40 | 1   | 0   | 22.10 | 19.00 | 0.079 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 40 | 1   | 105 | 22.28 | 19.18 | 0.083 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 40 | 53  | 26  | 22.64 | 19.54 | 0.090 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 40 | 106 | 0   | 22.77 | 19.67 | 0.093 |
| DFT-s-OFDM PI/2 BPSK | 2670    | 534000 | 40 | 1   | 0   | 23.64 | 20.54 | 0.113 |
| DFT-s-OFDM PI/2 BPSK | 2670    | 534000 | 40 | 1   | 105 | 23.12 | 20.02 | 0.100 |
| DFT-s-OFDM PI/2 BPSK | 2670    | 534000 | 40 | 50  | 25  | 23.82 | 20.72 | 0.118 |
| DFT-s-OFDM PI/2 BPSK | 2670    | 534000 | 40 | 100 | 0   | 23.64 | 20.54 | 0.113 |
| DFT-s-OFDM QPSK      | 2670    | 534000 | 40 | 1   | 0   | 23.70 | 20.60 | 0.115 |
| DFT-s-OFDM QPSK      | 2670    | 534000 | 40 | 1   | 105 | 23.90 | 20.80 | 0.120 |
| DFT-s-OFDM QPSK      | 2670    | 534000 | 40 | 50  | 25  | 23.54 | 20.44 | 0.111 |
| DFT-s-OFDM QPSK      | 2670    | 534000 | 40 | 100 | 0   | 23.52 | 20.42 | 0.110 |
| DFT-s-OFDM 16QAM     | 2670    | 534000 | 40 | 1   | 0   | 23.16 | 20.06 | 0.101 |
| DFT-s-OFDM 16QAM     | 2670    | 534000 | 40 | 1   | 105 | 23.52 | 20.42 | 0.110 |
| DFT-s-OFDM 16QAM     | 2670    | 534000 | 40 | 50  | 25  | 23.40 | 20.30 | 0.107 |
| DFT-s-OFDM 16QAM     | 2670    | 534000 | 40 | 100 | 0   | 23.49 | 20.39 | 0.109 |
| DFT-s-OFDM 64QAM     | 2670    | 534000 | 40 | 1   | 0   | 23.69 | 20.59 | 0.115 |
| DFT-s-OFDM 64QAM     | 2670    | 534000 | 40 | 1   | 105 | 23.63 | 20.53 | 0.113 |
| DFT-s-OFDM 64QAM     | 2670    | 534000 | 40 | 50  | 25  | 23.01 | 19.91 | 0.098 |
| DFT-s-OFDM 64QAM     | 2670    | 534000 | 40 | 100 | 0   | 23.13 | 20.03 | 0.101 |
| DFT-s-OFDM 256QAM    | 2670    | 534000 | 40 | 1   | 0   | 23.41 | 20.31 | 0.107 |
| DFT-s-OFDM 256QAM    | 2670    | 534000 | 40 | 1   | 105 | 23.44 | 20.34 | 0.108 |
| DFT-s-OFDM 256QAM    | 2670    | 534000 | 40 | 50  | 25  | 23.53 | 20.43 | 0.110 |
| DFT-s-OFDM 256QAM    | 2670    | 534000 | 40 | 100 | 0   | 23.59 | 20.49 | 0.112 |
| CP-OFDM QPSK         | 2670    | 534000 | 40 | 1   | 0   | 23.16 | 20.06 | 0.101 |
| CP-OFDM QPSK         | 2670    | 534000 | 40 | 1   | 105 | 23.12 | 20.02 | 0.100 |
| CP-OFDM QPSK         | 2670    | 534000 | 40 | 53  | 26  | 23.09 | 19.99 | 0.100 |
| CP-OFDM QPSK         | 2670    | 534000 | 40 | 106 | 0   | 23.01 | 19.91 | 0.098 |
| CP-OFDM 16QAM        | 2670    | 534000 | 40 | 1   | 0   | 22.86 | 19.76 | 0.095 |

|                |      |        |    |     |     |       |       |       |
|----------------|------|--------|----|-----|-----|-------|-------|-------|
| CP-OFDM 16QAM  | 2670 | 534000 | 40 | 1   | 105 | 23.61 | 20.51 | 0.112 |
| CP-OFDM 16QAM  | 2670 | 534000 | 40 | 53  | 26  | 23.48 | 20.38 | 0.109 |
| CP-OFDM 16QAM  | 2670 | 534000 | 40 | 106 | 0   | 23.00 | 19.90 | 0.098 |
| CP-OFDM 64QAM  | 2670 | 534000 | 40 | 1   | 0   | 23.33 | 20.23 | 0.105 |
| CP-OFDM 64QAM  | 2670 | 534000 | 40 | 1   | 105 | 22.72 | 19.62 | 0.092 |
| CP-OFDM 64QAM  | 2670 | 534000 | 40 | 53  | 26  | 23.16 | 20.06 | 0.101 |
| CP-OFDM 64QAM  | 2670 | 534000 | 40 | 106 | 0   | 23.03 | 19.93 | 0.098 |
| CP-OFDM 256QAM | 2670 | 534000 | 40 | 1   | 0   | 21.87 | 18.77 | 0.075 |
| CP-OFDM 256QAM | 2670 | 534000 | 40 | 1   | 105 | 21.69 | 18.59 | 0.072 |
| CP-OFDM 256QAM | 2670 | 534000 | 40 | 53  | 26  | 22.36 | 19.26 | 0.084 |
| CP-OFDM 256QAM | 2670 | 534000 | 40 | 106 | 0   | 22.10 | 19.00 | 0.079 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|-----------------|---------------|
| DFT-s-OFDM PI/2 BPSK | 2521.02                 | 504204     | 50       | 1       | 0         | 23.66                 | 20.43           | 0.110         |
| DFT-s-OFDM PI/2 BPSK | 2521.02                 | 504204     | 50       | 1       | 132       | 23.27                 | 19.83           | 0.096         |
| DFT-s-OFDM PI/2 BPSK | 2521.02                 | 504204     | 50       | 64      | 32        | 23.44                 | 20.43           | 0.110         |
| DFT-s-OFDM PI/2 BPSK | 2521.02                 | 504204     | 50       | 128     | 0         | 23.65                 | 20.35           | 0.108         |
| DFT-s-OFDM QPSK      | 2521.02                 | 504204     | 50       | 1       | 0         | 23.42                 | 20.46           | 0.111         |
| DFT-s-OFDM QPSK      | 2521.02                 | 504204     | 50       | 1       | 132       | 23.50                 | 19.84           | 0.096         |
| DFT-s-OFDM QPSK      | 2521.02                 | 504204     | 50       | 64      | 32        | 23.53                 | 20.52           | 0.113         |
| DFT-s-OFDM QPSK      | 2521.02                 | 504204     | 50       | 128     | 0         | 23.58                 | 20.28           | 0.107         |
| DFT-s-OFDM 16QAM     | 2521.02                 | 504204     | 50       | 1       | 0         | 23.29                 | 20.33           | 0.108         |
| DFT-s-OFDM 16QAM     | 2521.02                 | 504204     | 50       | 1       | 132       | 23.26                 | 19.77           | 0.095         |
| DFT-s-OFDM 16QAM     | 2521.02                 | 504204     | 50       | 64      | 32        | 23.67                 | 20.56           | 0.114         |
| DFT-s-OFDM 16QAM     | 2521.02                 | 504204     | 50       | 128     | 0         | 23.56                 | 20.57           | 0.114         |
| DFT-s-OFDM 64QAM     | 2521.02                 | 504204     | 50       | 1       | 0         | 23.17                 | 20.26           | 0.106         |
| DFT-s-OFDM 64QAM     | 2521.02                 | 504204     | 50       | 1       | 132       | 23.29                 | 19.55           | 0.090         |
| DFT-s-OFDM 64QAM     | 2521.02                 | 504204     | 50       | 64      | 32        | 23.51                 | 20.61           | 0.115         |
| DFT-s-OFDM 64QAM     | 2521.02                 | 504204     | 50       | 128     | 0         | 23.59                 | 20.41           | 0.110         |
| DFT-s-OFDM 256QAM    | 2521.02                 | 504204     | 50       | 1       | 0         | 23.65                 | 20.07           | 0.102         |
| DFT-s-OFDM 256QAM    | 2521.02                 | 504204     | 50       | 1       | 132       | 23.22                 | 19.73           | 0.094         |
| DFT-s-OFDM 256QAM    | 2521.02                 | 504204     | 50       | 64      | 32        | 23.56                 | 20.34           | 0.108         |
| DFT-s-OFDM 256QAM    | 2521.02                 | 504204     | 50       | 128     | 0         | 23.66                 | 20.48           | 0.112         |
| CP-OFDM QPSK         | 2521.02                 | 504204     | 50       | 1       | 0         | 23.46                 | 20.48           | 0.112         |
| CP-OFDM QPSK         | 2521.02                 | 504204     | 50       | 1       | 132       | 23.69                 | 19.86           | 0.097         |
| CP-OFDM QPSK         | 2521.02                 | 504204     | 50       | 67      | 33        | 23.53                 | 20.59           | 0.115         |
| CP-OFDM QPSK         | 2521.02                 | 504204     | 50       | 133     | 0         | 23.40                 | 20.33           | 0.108         |
| CP-OFDM 16QAM        | 2521.02                 | 504204     | 50       | 1       | 0         | 23.30                 | 20.07           | 0.102         |
| CP-OFDM 16QAM        | 2521.02                 | 504204     | 50       | 1       | 132       | 23.31                 | 19.86           | 0.097         |
| CP-OFDM 16QAM        | 2521.02                 | 504204     | 50       | 67      | 33        | 23.62                 | 20.55           | 0.114         |
| CP-OFDM 16QAM        | 2521.02                 | 504204     | 50       | 133     | 0         | 23.54                 | 20.36           | 0.109         |
| CP-OFDM 64QAM        | 2521.02                 | 504204     | 50       | 1       | 0         | 23.25                 | 19.97           | 0.099         |
| CP-OFDM 64QAM        | 2521.02                 | 504204     | 50       | 1       | 132       | 23.18                 | 19.59           | 0.091         |
| CP-OFDM 64QAM        | 2521.02                 | 504204     | 50       | 67      | 33        | 23.73                 | 20.32           | 0.108         |
| CP-OFDM 64QAM        | 2521.02                 | 504204     | 50       | 133     | 0         | 23.64                 | 20.24           | 0.106         |

|                      |         |        |    |     |     |       |       |       |
|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| CP-OFDM 256QAM       | 2521.02 | 504204 | 50 | 1   | 0   | 22.00 | 18.82 | 0.076 |
| CP-OFDM 256QAM       | 2521.02 | 504204 | 50 | 1   | 132 | 21.86 | 18.29 | 0.067 |
| CP-OFDM 256QAM       | 2521.02 | 504204 | 50 | 67  | 33  | 22.23 | 18.85 | 0.077 |
| CP-OFDM 256QAM       | 2521.02 | 504204 | 50 | 133 | 0   | 22.18 | 18.78 | 0.076 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 50 | 1   | 0   | 23.41 | 20.15 | 0.104 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 50 | 1   | 132 | 23.96 | 19.92 | 0.098 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 50 | 64  | 32  | 23.49 | 20.04 | 0.101 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 50 | 128 | 0   | 23.36 | 20.09 | 0.102 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 50 | 1   | 0   | 23.81 | 20.80 | 0.120 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 50 | 1   | 132 | 23.49 | 20.64 | 0.116 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 50 | 64  | 32  | 23.84 | 20.52 | 0.113 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 50 | 128 | 0   | 23.03 | 20.70 | 0.117 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 50 | 1   | 0   | 23.75 | 20.67 | 0.117 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 50 | 1   | 132 | 23.73 | 20.49 | 0.112 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 50 | 64  | 32  | 23.13 | 19.93 | 0.098 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 50 | 128 | 0   | 23.03 | 20.22 | 0.105 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 50 | 1   | 0   | 23.62 | 20.52 | 0.113 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 50 | 1   | 132 | 23.22 | 20.68 | 0.117 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 50 | 64  | 32  | 23.74 | 20.79 | 0.120 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 50 | 128 | 0   | 23.02 | 20.41 | 0.110 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 50 | 1   | 0   | 23.27 | 20.37 | 0.109 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 50 | 1   | 132 | 23.94 | 20.62 | 0.115 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 50 | 64  | 32  | 23.43 | 20.29 | 0.107 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 50 | 128 | 0   | 23.24 | 19.90 | 0.098 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 50 | 1   | 0   | 23.79 | 20.38 | 0.109 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 50 | 1   | 132 | 23.49 | 20.87 | 0.122 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 50 | 67  | 33  | 23.41 | 19.91 | 0.098 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 50 | 133 | 0   | 23.21 | 20.74 | 0.119 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 50 | 1   | 0   | 23.06 | 20.08 | 0.102 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 50 | 1   | 132 | 23.81 | 19.93 | 0.098 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 50 | 67  | 33  | 23.73 | 20.37 | 0.109 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 50 | 133 | 0   | 23.15 | 20.21 | 0.105 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 50 | 1   | 0   | 23.02 | 20.30 | 0.107 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 50 | 1   | 132 | 23.96 | 20.82 | 0.121 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 50 | 67  | 33  | 23.36 | 20.31 | 0.107 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 50 | 133 | 0   | 23.00 | 20.17 | 0.104 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 50 | 1   | 0   | 21.90 | 19.00 | 0.079 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 50 | 1   | 132 | 22.54 | 19.18 | 0.083 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 50 | 67  | 33  | 22.95 | 19.54 | 0.090 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 50 | 133 | 0   | 22.78 | 19.67 | 0.093 |
| DFT-s-OFDM PI/2 BPSK | 2664.99 | 532998 | 50 | 1   | 0   | 23.04 | 20.54 | 0.113 |
| DFT-s-OFDM PI/2 BPSK | 2664.99 | 532998 | 50 | 1   | 132 | 23.19 | 20.02 | 0.100 |
| DFT-s-OFDM PI/2 BPSK | 2664.99 | 532998 | 50 | 64  | 32  | 23.91 | 20.72 | 0.118 |
| DFT-s-OFDM PI/2 BPSK | 2664.99 | 532998 | 50 | 128 | 0   | 23.06 | 20.54 | 0.113 |
| DFT-s-OFDM QPSK      | 2664.99 | 532998 | 50 | 1   | 0   | 23.41 | 20.60 | 0.115 |
| DFT-s-OFDM QPSK      | 2664.99 | 532998 | 50 | 1   | 132 | 23.94 | 20.80 | 0.120 |

|                   |         |        |    |     |     |       |       |       |
|-------------------|---------|--------|----|-----|-----|-------|-------|-------|
| DFT-s-OFDM QPSK   | 2664.99 | 532998 | 50 | 64  | 32  | 23.70 | 20.44 | 0.111 |
| DFT-s-OFDM QPSK   | 2664.99 | 532998 | 50 | 128 | 0   | 23.27 | 20.42 | 0.110 |
| DFT-s-OFDM 16QAM  | 2664.99 | 532998 | 50 | 1   | 0   | 23.92 | 20.06 | 0.101 |
| DFT-s-OFDM 16QAM  | 2664.99 | 532998 | 50 | 1   | 132 | 23.18 | 20.42 | 0.110 |
| DFT-s-OFDM 16QAM  | 2664.99 | 532998 | 50 | 64  | 32  | 23.60 | 20.30 | 0.107 |
| DFT-s-OFDM 16QAM  | 2664.99 | 532998 | 50 | 128 | 0   | 23.20 | 20.39 | 0.109 |
| DFT-s-OFDM 64QAM  | 2664.99 | 532998 | 50 | 1   | 0   | 23.22 | 20.59 | 0.115 |
| DFT-s-OFDM 64QAM  | 2664.99 | 532998 | 50 | 1   | 132 | 23.54 | 20.53 | 0.113 |
| DFT-s-OFDM 64QAM  | 2664.99 | 532998 | 50 | 64  | 32  | 23.64 | 19.91 | 0.098 |
| DFT-s-OFDM 64QAM  | 2664.99 | 532998 | 50 | 128 | 0   | 23.05 | 20.03 | 0.101 |
| DFT-s-OFDM 256QAM | 2664.99 | 532998 | 50 | 1   | 0   | 23.56 | 20.31 | 0.107 |
| DFT-s-OFDM 256QAM | 2664.99 | 532998 | 50 | 1   | 132 | 23.31 | 20.34 | 0.108 |
| DFT-s-OFDM 256QAM | 2664.99 | 532998 | 50 | 64  | 32  | 23.84 | 20.43 | 0.110 |
| DFT-s-OFDM 256QAM | 2664.99 | 532998 | 50 | 128 | 0   | 23.84 | 20.49 | 0.112 |
| CP-OFDM QPSK      | 2664.99 | 532998 | 50 | 1   | 0   | 23.76 | 20.06 | 0.101 |
| CP-OFDM QPSK      | 2664.99 | 532998 | 50 | 1   | 132 | 23.20 | 20.02 | 0.100 |
| CP-OFDM QPSK      | 2664.99 | 532998 | 50 | 67  | 33  | 23.34 | 19.99 | 0.100 |
| CP-OFDM QPSK      | 2664.99 | 532998 | 50 | 133 | 0   | 23.11 | 19.91 | 0.098 |
| CP-OFDM 16QAM     | 2664.99 | 532998 | 50 | 1   | 0   | 23.12 | 19.76 | 0.095 |
| CP-OFDM 16QAM     | 2664.99 | 532998 | 50 | 1   | 132 | 23.01 | 20.51 | 0.112 |
| CP-OFDM 16QAM     | 2664.99 | 532998 | 50 | 67  | 33  | 23.73 | 20.38 | 0.109 |
| CP-OFDM 16QAM     | 2664.99 | 532998 | 50 | 133 | 0   | 23.49 | 19.90 | 0.098 |
| CP-OFDM 64QAM     | 2664.99 | 532998 | 50 | 1   | 0   | 23.03 | 20.23 | 0.105 |
| CP-OFDM 64QAM     | 2664.99 | 532998 | 50 | 1   | 132 | 23.49 | 19.62 | 0.092 |
| CP-OFDM 64QAM     | 2664.99 | 532998 | 50 | 67  | 33  | 23.78 | 20.06 | 0.101 |
| CP-OFDM 64QAM     | 2664.99 | 532998 | 50 | 133 | 0   | 23.14 | 19.93 | 0.098 |
| CP-OFDM 256QAM    | 2664.99 | 532998 | 50 | 1   | 0   | 21.79 | 18.77 | 0.075 |
| CP-OFDM 256QAM    | 2664.99 | 532998 | 50 | 1   | 132 | 21.91 | 18.59 | 0.072 |
| CP-OFDM 256QAM    | 2664.99 | 532998 | 50 | 67  | 33  | 22.58 | 19.26 | 0.084 |
| CP-OFDM 256QAM    | 2664.99 | 532998 | 50 | 133 | 0   | 22.48 | 19.00 | 0.079 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|-----------------|---------------|
| DFT-s-OFDM PI/2 BPSK | 2526                    | 505200     | 60       | 1       | 0         | 23.66                 | 20.57           | 0.114         |
| DFT-s-OFDM PI/2 BPSK | 2526                    | 505200     | 60       | 1       | 161       | 23.27                 | 20.55           | 0.114         |
| DFT-s-OFDM PI/2 BPSK | 2526                    | 505200     | 60       | 81      | 40        | 23.44                 | 20.61           | 0.115         |
| DFT-s-OFDM PI/2 BPSK | 2526                    | 505200     | 60       | 162     | 0         | 23.65                 | 20.55           | 0.114         |
| DFT-s-OFDM QPSK      | 2526                    | 505200     | 60       | 1       | 0         | 23.42                 | 20.52           | 0.113         |
| DFT-s-OFDM QPSK      | 2526                    | 505200     | 60       | 1       | 161       | 23.50                 | 20.73           | 0.118         |
| DFT-s-OFDM QPSK      | 2526                    | 505200     | 60       | 81      | 40        | 23.53                 | 20.52           | 0.113         |
| DFT-s-OFDM QPSK      | 2526                    | 505200     | 60       | 162     | 0         | 23.58                 | 20.79           | 0.120         |
| DFT-s-OFDM 16QAM     | 2526                    | 505200     | 60       | 1       | 0         | 23.29                 | 20.39           | 0.109         |
| DFT-s-OFDM 16QAM     | 2526                    | 505200     | 60       | 1       | 161       | 23.26                 | 20.27           | 0.106         |
| DFT-s-OFDM 16QAM     | 2526                    | 505200     | 60       | 81      | 40        | 23.67                 | 20.62           | 0.115         |
| DFT-s-OFDM 16QAM     | 2526                    | 505200     | 60       | 162     | 0         | 23.56                 | 20.70           | 0.117         |
| DFT-s-OFDM 64QAM     | 2526                    | 505200     | 60       | 1       | 0         | 23.17                 | 20.12           | 0.103         |

|                      |         |        |    |     |     |       |       |       |
|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| DFT-s-OFDM 64QAM     | 2526    | 505200 | 60 | 1   | 161 | 23.29 | 20.34 | 0.108 |
| DFT-s-OFDM 64QAM     | 2526    | 505200 | 60 | 81  | 40  | 23.51 | 20.88 | 0.122 |
| DFT-s-OFDM 64QAM     | 2526    | 505200 | 60 | 162 | 0   | 23.59 | 20.70 | 0.117 |
| DFT-s-OFDM 256QAM    | 2526    | 505200 | 60 | 1   | 0   | 23.65 | 20.28 | 0.107 |
| DFT-s-OFDM 256QAM    | 2526    | 505200 | 60 | 1   | 161 | 23.22 | 20.41 | 0.110 |
| DFT-s-OFDM 256QAM    | 2526    | 505200 | 60 | 81  | 40  | 23.56 | 20.83 | 0.121 |
| DFT-s-OFDM 256QAM    | 2526    | 505200 | 60 | 162 | 0   | 23.66 | 20.48 | 0.112 |
| CP-OFDM QPSK         | 2526    | 505200 | 60 | 1   | 0   | 23.46 | 20.38 | 0.109 |
| CP-OFDM QPSK         | 2526    | 505200 | 60 | 1   | 161 | 23.69 | 20.50 | 0.112 |
| CP-OFDM QPSK         | 2526    | 505200 | 60 | 81  | 40  | 23.53 | 20.79 | 0.120 |
| CP-OFDM QPSK         | 2526    | 505200 | 60 | 162 | 0   | 23.40 | 20.54 | 0.113 |
| CP-OFDM 16QAM        | 2526    | 505200 | 60 | 1   | 0   | 23.30 | 20.19 | 0.104 |
| CP-OFDM 16QAM        | 2526    | 505200 | 60 | 1   | 161 | 23.31 | 20.47 | 0.111 |
| CP-OFDM 16QAM        | 2526    | 505200 | 60 | 81  | 40  | 23.62 | 20.68 | 0.117 |
| CP-OFDM 16QAM        | 2526    | 505200 | 60 | 162 | 0   | 23.54 | 20.62 | 0.115 |
| CP-OFDM 64QAM        | 2526    | 505200 | 60 | 1   | 0   | 23.25 | 20.03 | 0.101 |
| CP-OFDM 64QAM        | 2526    | 505200 | 60 | 1   | 161 | 23.18 | 20.13 | 0.103 |
| CP-OFDM 64QAM        | 2526    | 505200 | 60 | 81  | 40  | 23.73 | 20.83 | 0.121 |
| CP-OFDM 64QAM        | 2526    | 505200 | 60 | 162 | 0   | 23.64 | 20.55 | 0.114 |
| CP-OFDM 256QAM       | 2526    | 505200 | 60 | 1   | 0   | 22.00 | 18.90 | 0.078 |
| CP-OFDM 256QAM       | 2526    | 505200 | 60 | 1   | 161 | 21.86 | 18.98 | 0.079 |
| CP-OFDM 256QAM       | 2526    | 505200 | 60 | 81  | 40  | 22.23 | 19.30 | 0.085 |
| CP-OFDM 256QAM       | 2526    | 505200 | 60 | 162 | 0   | 22.18 | 19.04 | 0.080 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 60 | 1   | 0   | 23.41 | 19.97 | 0.099 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 60 | 1   | 161 | 23.96 | 20.69 | 0.117 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 60 | 81  | 40  | 23.49 | 20.20 | 0.105 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 60 | 162 | 0   | 23.36 | 20.22 | 0.105 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 60 | 1   | 0   | 23.81 | 19.92 | 0.098 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 60 | 1   | 161 | 23.49 | 19.99 | 0.100 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 60 | 81  | 40  | 23.84 | 19.96 | 0.099 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 60 | 162 | 0   | 23.03 | 20.76 | 0.119 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 60 | 1   | 0   | 23.75 | 20.89 | 0.123 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 60 | 1   | 161 | 23.73 | 20.30 | 0.107 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 60 | 81  | 40  | 23.13 | 20.64 | 0.116 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 60 | 162 | 0   | 23.03 | 20.87 | 0.122 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 60 | 1   | 0   | 23.62 | 20.71 | 0.118 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 60 | 1   | 161 | 23.22 | 20.31 | 0.107 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 60 | 81  | 40  | 23.74 | 20.13 | 0.103 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 60 | 162 | 0   | 23.02 | 20.79 | 0.120 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 60 | 1   | 0   | 23.27 | 20.72 | 0.118 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 60 | 1   | 161 | 23.94 | 20.52 | 0.113 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 60 | 81  | 40  | 23.43 | 20.29 | 0.107 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 60 | 162 | 0   | 23.24 | 20.38 | 0.109 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 60 | 1   | 0   | 23.79 | 20.87 | 0.122 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 60 | 1   | 161 | 23.49 | 20.61 | 0.115 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 60 | 81  | 40  | 23.41 | 20.31 | 0.107 |

|                      |         |        |    |     |     |       |       |       |
|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| CP-OFDM QPSK         | 2592.99 | 518598 | 60 | 162 | 0   | 23.21 | 20.00 | 0.100 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 60 | 1   | 0   | 23.06 | 20.67 | 0.117 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 60 | 1   | 161 | 23.81 | 20.28 | 0.107 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 60 | 81  | 40  | 23.73 | 20.24 | 0.106 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 60 | 162 | 0   | 23.15 | 20.16 | 0.104 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 60 | 1   | 0   | 23.02 | 20.69 | 0.117 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 60 | 1   | 161 | 23.96 | 20.75 | 0.119 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 60 | 81  | 40  | 23.36 | 20.32 | 0.108 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 60 | 162 | 0   | 23.00 | 20.15 | 0.104 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 60 | 1   | 0   | 21.90 | 19.02 | 0.080 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 60 | 1   | 161 | 22.54 | 19.22 | 0.084 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 60 | 81  | 40  | 22.95 | 20.01 | 0.100 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 60 | 162 | 0   | 22.78 | 19.55 | 0.090 |
| DFT-s-OFDM PI/2 BPSK | 2659.98 | 531996 | 60 | 1   | 0   | 23.04 | 20.84 | 0.121 |
| DFT-s-OFDM PI/2 BPSK | 2659.98 | 531996 | 60 | 1   | 161 | 23.19 | 20.20 | 0.105 |
| DFT-s-OFDM PI/2 BPSK | 2659.98 | 531996 | 60 | 81  | 40  | 23.91 | 20.68 | 0.117 |
| DFT-s-OFDM PI/2 BPSK | 2659.98 | 531996 | 60 | 162 | 0   | 23.06 | 19.94 | 0.099 |
| DFT-s-OFDM QPSK      | 2659.98 | 531996 | 60 | 1   | 0   | 23.41 | 20.80 | 0.120 |
| DFT-s-OFDM QPSK      | 2659.98 | 531996 | 60 | 1   | 161 | 23.94 | 20.52 | 0.113 |
| DFT-s-OFDM QPSK      | 2659.98 | 531996 | 60 | 81  | 40  | 23.70 | 20.19 | 0.104 |
| DFT-s-OFDM QPSK      | 2659.98 | 531996 | 60 | 162 | 0   | 23.27 | 20.20 | 0.105 |
| DFT-s-OFDM 16QAM     | 2659.98 | 531996 | 60 | 1   | 0   | 23.92 | 20.48 | 0.112 |
| DFT-s-OFDM 16QAM     | 2659.98 | 531996 | 60 | 1   | 161 | 23.18 | 20.55 | 0.114 |
| DFT-s-OFDM 16QAM     | 2659.98 | 531996 | 60 | 81  | 40  | 23.60 | 20.36 | 0.109 |
| DFT-s-OFDM 16QAM     | 2659.98 | 531996 | 60 | 162 | 0   | 23.20 | 20.46 | 0.111 |
| DFT-s-OFDM 64QAM     | 2659.98 | 531996 | 60 | 1   | 0   | 23.22 | 20.42 | 0.110 |
| DFT-s-OFDM 64QAM     | 2659.98 | 531996 | 60 | 1   | 161 | 23.54 | 20.05 | 0.101 |
| DFT-s-OFDM 64QAM     | 2659.98 | 531996 | 60 | 81  | 40  | 23.64 | 19.90 | 0.098 |
| DFT-s-OFDM 64QAM     | 2659.98 | 531996 | 60 | 162 | 0   | 23.05 | 20.71 | 0.118 |
| DFT-s-OFDM 256QAM    | 2659.98 | 531996 | 60 | 1   | 0   | 23.56 | 20.41 | 0.110 |
| DFT-s-OFDM 256QAM    | 2659.98 | 531996 | 60 | 1   | 161 | 23.31 | 19.81 | 0.096 |
| DFT-s-OFDM 256QAM    | 2659.98 | 531996 | 60 | 81  | 40  | 23.84 | 20.62 | 0.115 |
| DFT-s-OFDM 256QAM    | 2659.98 | 531996 | 60 | 162 | 0   | 23.84 | 20.89 | 0.123 |
| CP-OFDM QPSK         | 2659.98 | 531996 | 60 | 1   | 0   | 23.76 | 20.52 | 0.113 |
| CP-OFDM QPSK         | 2659.98 | 531996 | 60 | 1   | 161 | 23.20 | 20.25 | 0.106 |
| CP-OFDM QPSK         | 2659.98 | 531996 | 60 | 81  | 40  | 23.34 | 20.72 | 0.118 |
| CP-OFDM QPSK         | 2659.98 | 531996 | 60 | 162 | 0   | 23.11 | 20.84 | 0.121 |
| CP-OFDM 16QAM        | 2659.98 | 531996 | 60 | 1   | 0   | 23.12 | 20.26 | 0.106 |
| CP-OFDM 16QAM        | 2659.98 | 531996 | 60 | 1   | 161 | 23.01 | 20.01 | 0.100 |
| CP-OFDM 16QAM        | 2659.98 | 531996 | 60 | 81  | 40  | 23.73 | 20.85 | 0.122 |
| CP-OFDM 16QAM        | 2659.98 | 531996 | 60 | 162 | 0   | 23.49 | 20.84 | 0.121 |
| CP-OFDM 64QAM        | 2659.98 | 531996 | 60 | 1   | 0   | 23.03 | 20.00 | 0.100 |
| CP-OFDM 64QAM        | 2659.98 | 531996 | 60 | 1   | 161 | 23.49 | 19.79 | 0.095 |
| CP-OFDM 64QAM        | 2659.98 | 531996 | 60 | 81  | 40  | 23.78 | 20.81 | 0.121 |
| CP-OFDM 64QAM        | 2659.98 | 531996 | 60 | 162 | 0   | 23.14 | 20.83 | 0.121 |
| CP-OFDM 256QAM       | 2659.98 | 531996 | 60 | 1   | 0   | 21.79 | 18.97 | 0.079 |

|                |         |        |    |     |     |       |       |       |
|----------------|---------|--------|----|-----|-----|-------|-------|-------|
| CP-OFDM 256QAM | 2659.98 | 531996 | 60 | 1   | 161 | 21.91 | 18.56 | 0.072 |
| CP-OFDM 256QAM | 2659.98 | 531996 | 60 | 81  | 40  | 22.58 | 19.37 | 0.086 |
| CP-OFDM 256QAM | 2659.98 | 531996 | 60 | 162 | 0   | 22.48 | 19.36 | 0.086 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|-----------------|---------------|
| DFT-s-OFDM PI/2 BPSK | 2536.02                 | 507204     | 80       | 1       | 0         | 23.66                 | 20.43           | 0.110         |
| DFT-s-OFDM PI/2 BPSK | 2536.02                 | 507204     | 80       | 1       | 216       | 23.27                 | 19.89           | 0.097         |
| DFT-s-OFDM PI/2 BPSK | 2536.02                 | 507204     | 80       | 108     | 54        | 23.44                 | 20.06           | 0.101         |
| DFT-s-OFDM PI/2 BPSK | 2536.02                 | 507204     | 80       | 216     | 0         | 23.65                 | 20.39           | 0.109         |
| DFT-s-OFDM QPSK      | 2536.02                 | 507204     | 80       | 1       | 0         | 23.42                 | 20.39           | 0.109         |
| DFT-s-OFDM QPSK      | 2536.02                 | 507204     | 80       | 1       | 216       | 23.50                 | 20.18           | 0.104         |
| DFT-s-OFDM QPSK      | 2536.02                 | 507204     | 80       | 108     | 54        | 23.53                 | 20.15           | 0.104         |
| DFT-s-OFDM QPSK      | 2536.02                 | 507204     | 80       | 216     | 0         | 23.58                 | 20.29           | 0.107         |
| DFT-s-OFDM 16QAM     | 2536.02                 | 507204     | 80       | 1       | 0         | 23.29                 | 20.20           | 0.105         |
| DFT-s-OFDM 16QAM     | 2536.02                 | 507204     | 80       | 1       | 216       | 23.26                 | 20.07           | 0.102         |
| DFT-s-OFDM 16QAM     | 2536.02                 | 507204     | 80       | 108     | 54        | 23.67                 | 20.25           | 0.106         |
| DFT-s-OFDM 16QAM     | 2536.02                 | 507204     | 80       | 216     | 0         | 23.56                 | 20.28           | 0.107         |
| DFT-s-OFDM 64QAM     | 2536.02                 | 507204     | 80       | 1       | 0         | 23.17                 | 19.94           | 0.099         |
| DFT-s-OFDM 64QAM     | 2536.02                 | 507204     | 80       | 1       | 216       | 23.29                 | 20.02           | 0.100         |
| DFT-s-OFDM 64QAM     | 2536.02                 | 507204     | 80       | 108     | 54        | 23.51                 | 20.30           | 0.107         |
| DFT-s-OFDM 64QAM     | 2536.02                 | 507204     | 80       | 216     | 0         | 23.59                 | 20.30           | 0.107         |
| DFT-s-OFDM 256QAM    | 2536.02                 | 507204     | 80       | 1       | 0         | 23.65                 | 19.90           | 0.098         |
| DFT-s-OFDM 256QAM    | 2536.02                 | 507204     | 80       | 1       | 216       | 23.22                 | 19.93           | 0.098         |
| DFT-s-OFDM 256QAM    | 2536.02                 | 507204     | 80       | 108     | 54        | 23.56                 | 20.03           | 0.101         |
| DFT-s-OFDM 256QAM    | 2536.02                 | 507204     | 80       | 216     | 0         | 23.66                 | 20.27           | 0.106         |
| CP-OFDM QPSK         | 2536.02                 | 507204     | 80       | 1       | 0         | 23.46                 | 20.37           | 0.109         |
| CP-OFDM QPSK         | 2536.02                 | 507204     | 80       | 1       | 216       | 23.69                 | 19.94           | 0.099         |
| CP-OFDM QPSK         | 2536.02                 | 507204     | 80       | 109     | 54        | 23.53                 | 20.01           | 0.100         |
| CP-OFDM QPSK         | 2536.02                 | 507204     | 80       | 217     | 0         | 23.40                 | 20.32           | 0.108         |
| CP-OFDM 16QAM        | 2536.02                 | 507204     | 80       | 1       | 0         | 23.30                 | 20.29           | 0.107         |
| CP-OFDM 16QAM        | 2536.02                 | 507204     | 80       | 1       | 216       | 23.31                 | 19.91           | 0.098         |
| CP-OFDM 16QAM        | 2536.02                 | 507204     | 80       | 109     | 54        | 23.62                 | 19.86           | 0.097         |
| CP-OFDM 16QAM        | 2536.02                 | 507204     | 80       | 217     | 0         | 23.54                 | 20.37           | 0.109         |
| CP-OFDM 64QAM        | 2536.02                 | 507204     | 80       | 1       | 0         | 23.25                 | 19.83           | 0.096         |
| CP-OFDM 64QAM        | 2536.02                 | 507204     | 80       | 1       | 216       | 23.18                 | 20.06           | 0.101         |
| CP-OFDM 64QAM        | 2536.02                 | 507204     | 80       | 109     | 54        | 23.73                 | 20.31           | 0.107         |
| CP-OFDM 64QAM        | 2536.02                 | 507204     | 80       | 217     | 0         | 23.64                 | 20.24           | 0.106         |
| CP-OFDM 256QAM       | 2536.02                 | 507204     | 80       | 1       | 0         | 22.00                 | 18.66           | 0.073         |
| CP-OFDM 256QAM       | 2536.02                 | 507204     | 80       | 1       | 216       | 21.86                 | 18.83           | 0.076         |
| CP-OFDM 256QAM       | 2536.02                 | 507204     | 80       | 109     | 54        | 22.23                 | 18.81           | 0.076         |
| CP-OFDM 256QAM       | 2536.02                 | 507204     | 80       | 217     | 0         | 22.18                 | 18.77           | 0.075         |
| DFT-s-OFDM PI/2 BPSK | 2592.99                 | 518598     | 80       | 1       | 0         | 23.41                 | 20.81           | 0.121         |
| DFT-s-OFDM PI/2 BPSK | 2592.99                 | 518598     | 80       | 1       | 216       | 23.96                 | 20.32           | 0.108         |
| DFT-s-OFDM PI/2 BPSK | 2592.99                 | 518598     | 80       | 108     | 54        | 23.49                 | 20.72           | 0.118         |
| DFT-s-OFDM PI/2 BPSK | 2592.99                 | 518598     | 80       | 216     | 0         | 23.36                 | 20.82           | 0.121         |

|                      |         |        |    |     |     |       |       |       |
|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 80 | 1   | 0   | 23.81 | 20.17 | 0.104 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 80 | 1   | 216 | 23.49 | 20.10 | 0.102 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 80 | 108 | 54  | 23.84 | 19.93 | 0.098 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 80 | 216 | 0   | 23.03 | 20.53 | 0.113 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 80 | 1   | 0   | 23.75 | 20.70 | 0.117 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 80 | 1   | 216 | 23.73 | 20.67 | 0.117 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 80 | 108 | 54  | 23.13 | 20.54 | 0.113 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 80 | 216 | 0   | 23.03 | 20.54 | 0.113 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 80 | 1   | 0   | 23.62 | 20.60 | 0.115 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 80 | 1   | 216 | 23.22 | 20.66 | 0.116 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 80 | 108 | 54  | 23.74 | 20.09 | 0.102 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 80 | 216 | 0   | 23.02 | 19.97 | 0.099 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 80 | 1   | 0   | 23.27 | 20.47 | 0.111 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 80 | 1   | 216 | 23.94 | 20.36 | 0.109 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 80 | 108 | 54  | 23.43 | 19.93 | 0.098 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 80 | 216 | 0   | 23.24 | 20.83 | 0.121 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 80 | 1   | 0   | 23.79 | 20.44 | 0.111 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 80 | 1   | 216 | 23.49 | 20.75 | 0.119 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 80 | 109 | 54  | 23.41 | 20.24 | 0.106 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 80 | 217 | 0   | 23.21 | 20.50 | 0.112 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 80 | 1   | 0   | 23.06 | 20.55 | 0.114 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 80 | 1   | 216 | 23.81 | 20.83 | 0.121 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 80 | 109 | 54  | 23.73 | 20.03 | 0.101 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 80 | 217 | 0   | 23.15 | 20.01 | 0.100 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 80 | 1   | 0   | 23.02 | 20.08 | 0.102 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 80 | 1   | 216 | 23.96 | 20.13 | 0.103 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 80 | 109 | 54  | 23.36 | 19.92 | 0.098 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 80 | 217 | 0   | 23.00 | 20.77 | 0.119 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 80 | 1   | 0   | 21.90 | 18.89 | 0.077 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 80 | 1   | 216 | 22.54 | 19.18 | 0.083 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 80 | 109 | 54  | 22.95 | 19.29 | 0.085 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 80 | 217 | 0   | 22.78 | 19.15 | 0.082 |
| DFT-s-OFDM PI/2 BPSK | 2649.99 | 529998 | 80 | 1   | 0   | 23.04 | 20.33 | 0.108 |
| DFT-s-OFDM PI/2 BPSK | 2649.99 | 529998 | 80 | 1   | 216 | 23.19 | 19.98 | 0.100 |
| DFT-s-OFDM PI/2 BPSK | 2649.99 | 529998 | 80 | 108 | 54  | 23.91 | 20.16 | 0.104 |
| DFT-s-OFDM PI/2 BPSK | 2649.99 | 529998 | 80 | 216 | 0   | 23.06 | 20.28 | 0.107 |
| DFT-s-OFDM QPSK      | 2649.99 | 529998 | 80 | 1   | 0   | 23.41 | 20.42 | 0.110 |
| DFT-s-OFDM QPSK      | 2649.99 | 529998 | 80 | 1   | 216 | 23.94 | 20.08 | 0.102 |
| DFT-s-OFDM QPSK      | 2649.99 | 529998 | 80 | 108 | 54  | 23.70 | 20.22 | 0.105 |
| DFT-s-OFDM QPSK      | 2649.99 | 529998 | 80 | 216 | 0   | 23.27 | 20.41 | 0.110 |
| DFT-s-OFDM 16QAM     | 2649.99 | 529998 | 80 | 1   | 0   | 23.92 | 20.26 | 0.106 |
| DFT-s-OFDM 16QAM     | 2649.99 | 529998 | 80 | 1   | 216 | 23.18 | 19.92 | 0.098 |
| DFT-s-OFDM 16QAM     | 2649.99 | 529998 | 80 | 108 | 54  | 23.60 | 20.21 | 0.105 |
| DFT-s-OFDM 16QAM     | 2649.99 | 529998 | 80 | 216 | 0   | 23.20 | 20.40 | 0.110 |
| DFT-s-OFDM 64QAM     | 2649.99 | 529998 | 80 | 1   | 0   | 23.22 | 20.24 | 0.106 |
| DFT-s-OFDM 64QAM     | 2649.99 | 529998 | 80 | 1   | 216 | 23.54 | 19.72 | 0.094 |

|                   |         |        |    |     |     |       |       |       |
|-------------------|---------|--------|----|-----|-----|-------|-------|-------|
| DFT-s-OFDM 64QAM  | 2649.99 | 529998 | 80 | 108 | 54  | 23.64 | 20.35 | 0.108 |
| DFT-s-OFDM 64QAM  | 2649.99 | 529998 | 80 | 216 | 0   | 23.05 | 20.27 | 0.106 |
| DFT-s-OFDM 256QAM | 2649.99 | 529998 | 80 | 1   | 0   | 23.56 | 20.26 | 0.106 |
| DFT-s-OFDM 256QAM | 2649.99 | 529998 | 80 | 1   | 216 | 23.31 | 19.93 | 0.098 |
| DFT-s-OFDM 256QAM | 2649.99 | 529998 | 80 | 108 | 54  | 23.84 | 20.16 | 0.104 |
| DFT-s-OFDM 256QAM | 2649.99 | 529998 | 80 | 216 | 0   | 23.84 | 20.41 | 0.110 |
| CP-OFDM QPSK      | 2649.99 | 529998 | 80 | 1   | 0   | 23.76 | 20.30 | 0.107 |
| CP-OFDM QPSK      | 2649.99 | 529998 | 80 | 1   | 216 | 23.20 | 19.94 | 0.099 |
| CP-OFDM QPSK      | 2649.99 | 529998 | 80 | 109 | 54  | 23.34 | 20.18 | 0.104 |
| CP-OFDM QPSK      | 2649.99 | 529998 | 80 | 217 | 0   | 23.11 | 20.43 | 0.110 |
| CP-OFDM 16QAM     | 2649.99 | 529998 | 80 | 1   | 0   | 23.12 | 20.35 | 0.108 |
| CP-OFDM 16QAM     | 2649.99 | 529998 | 80 | 1   | 216 | 23.01 | 19.95 | 0.099 |
| CP-OFDM 16QAM     | 2649.99 | 529998 | 80 | 109 | 54  | 23.73 | 20.15 | 0.104 |
| CP-OFDM 16QAM     | 2649.99 | 529998 | 80 | 217 | 0   | 23.49 | 20.31 | 0.107 |
| CP-OFDM 64QAM     | 2649.99 | 529998 | 80 | 1   | 0   | 23.03 | 20.02 | 0.100 |
| CP-OFDM 64QAM     | 2649.99 | 529998 | 80 | 1   | 216 | 23.49 | 19.99 | 0.100 |
| CP-OFDM 64QAM     | 2649.99 | 529998 | 80 | 109 | 54  | 23.78 | 20.43 | 0.110 |
| CP-OFDM 64QAM     | 2649.99 | 529998 | 80 | 217 | 0   | 23.14 | 20.29 | 0.107 |
| CP-OFDM 256QAM    | 2649.99 | 529998 | 80 | 1   | 0   | 21.79 | 19.08 | 0.081 |
| CP-OFDM 256QAM    | 2649.99 | 529998 | 80 | 1   | 216 | 21.91 | 18.23 | 0.067 |
| CP-OFDM 256QAM    | 2649.99 | 529998 | 80 | 109 | 54  | 22.58 | 18.85 | 0.077 |
| CP-OFDM 256QAM    | 2649.99 | 529998 | 80 | 217 | 0   | 22.48 | 18.85 | 0.077 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|-----------------|---------------|
| DFT-s-OFDM PI/2 BPSK | 2541                    | 508200     | 90       | 1       | 0         | 23.66                 | 20.44           | 0.111         |
| DFT-s-OFDM PI/2 BPSK | 2541                    | 508200     | 90       | 1       | 244       | 23.27                 | 20.25           | 0.106         |
| DFT-s-OFDM PI/2 BPSK | 2541                    | 508200     | 90       | 120     | 60        | 23.44                 | 20.33           | 0.108         |
| DFT-s-OFDM PI/2 BPSK | 2541                    | 508200     | 90       | 243     | 0         | 23.65                 | 20.50           | 0.112         |
| DFT-s-OFDM QPSK      | 2541                    | 508200     | 90       | 1       | 0         | 23.42                 | 20.19           | 0.104         |
| DFT-s-OFDM QPSK      | 2541                    | 508200     | 90       | 1       | 244       | 23.50                 | 20.62           | 0.115         |
| DFT-s-OFDM QPSK      | 2541                    | 508200     | 90       | 120     | 60        | 23.53                 | 20.32           | 0.108         |
| DFT-s-OFDM QPSK      | 2541                    | 508200     | 90       | 243     | 0         | 23.58                 | 20.13           | 0.103         |
| DFT-s-OFDM 16QAM     | 2541                    | 508200     | 90       | 1       | 0         | 23.29                 | 20.12           | 0.103         |
| DFT-s-OFDM 16QAM     | 2541                    | 508200     | 90       | 1       | 244       | 23.26                 | 20.67           | 0.117         |
| DFT-s-OFDM 16QAM     | 2541                    | 508200     | 90       | 120     | 60        | 23.67                 | 20.23           | 0.105         |
| DFT-s-OFDM 16QAM     | 2541                    | 508200     | 90       | 243     | 0         | 23.56                 | 20.54           | 0.113         |
| DFT-s-OFDM 64QAM     | 2541                    | 508200     | 90       | 1       | 0         | 23.17                 | 20.00           | 0.100         |
| DFT-s-OFDM 64QAM     | 2541                    | 508200     | 90       | 1       | 244       | 23.29                 | 20.17           | 0.104         |
| DFT-s-OFDM 64QAM     | 2541                    | 508200     | 90       | 120     | 60        | 23.51                 | 20.14           | 0.103         |
| DFT-s-OFDM 64QAM     | 2541                    | 508200     | 90       | 243     | 0         | 23.59                 | 20.18           | 0.104         |
| DFT-s-OFDM 256QAM    | 2541                    | 508200     | 90       | 1       | 0         | 23.65                 | 20.06           | 0.101         |
| DFT-s-OFDM 256QAM    | 2541                    | 508200     | 90       | 1       | 244       | 23.22                 | 20.07           | 0.102         |
| DFT-s-OFDM 256QAM    | 2541                    | 508200     | 90       | 120     | 60        | 23.56                 | 20.23           | 0.105         |
| DFT-s-OFDM 256QAM    | 2541                    | 508200     | 90       | 243     | 0         | 23.66                 | 20.31           | 0.107         |
| CP-OFDM QPSK         | 2541                    | 508200     | 90       | 1       | 0         | 23.46                 | 20.39           | 0.109         |

|                      |         |        |    |     |     |       |       |       |
|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| CP-OFDM QPSK         | 2541    | 508200 | 90 | 1   | 244 | 23.69 | 20.55 | 0.114 |
| CP-OFDM QPSK         | 2541    | 508200 | 90 | 123 | 61  | 23.53 | 20.12 | 0.103 |
| CP-OFDM QPSK         | 2541    | 508200 | 90 | 245 | 0   | 23.40 | 19.98 | 0.100 |
| CP-OFDM 16QAM        | 2541    | 508200 | 90 | 1   | 0   | 23.30 | 19.95 | 0.099 |
| CP-OFDM 16QAM        | 2541    | 508200 | 90 | 1   | 244 | 23.31 | 20.13 | 0.103 |
| CP-OFDM 16QAM        | 2541    | 508200 | 90 | 123 | 61  | 23.62 | 19.77 | 0.095 |
| CP-OFDM 16QAM        | 2541    | 508200 | 90 | 245 | 0   | 23.54 | 20.04 | 0.101 |
| CP-OFDM 64QAM        | 2541    | 508200 | 90 | 1   | 0   | 23.25 | 19.92 | 0.098 |
| CP-OFDM 64QAM        | 2541    | 508200 | 90 | 1   | 244 | 23.18 | 20.27 | 0.106 |
| CP-OFDM 64QAM        | 2541    | 508200 | 90 | 123 | 61  | 23.73 | 20.36 | 0.109 |
| CP-OFDM 64QAM        | 2541    | 508200 | 90 | 245 | 0   | 23.64 | 20.35 | 0.108 |
| CP-OFDM 256QAM       | 2541    | 508200 | 90 | 1   | 0   | 22.00 | 18.66 | 0.073 |
| CP-OFDM 256QAM       | 2541    | 508200 | 90 | 1   | 244 | 21.86 | 18.66 | 0.073 |
| CP-OFDM 256QAM       | 2541    | 508200 | 90 | 123 | 61  | 22.23 | 18.80 | 0.076 |
| CP-OFDM 256QAM       | 2541    | 508200 | 90 | 245 | 0   | 22.18 | 18.85 | 0.077 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 90 | 1   | 0   | 23.41 | 20.72 | 0.118 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 90 | 1   | 244 | 23.96 | 20.53 | 0.113 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 90 | 120 | 60  | 23.49 | 19.94 | 0.099 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 90 | 243 | 0   | 23.36 | 20.80 | 0.120 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 90 | 1   | 0   | 23.81 | 20.04 | 0.101 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 90 | 1   | 244 | 23.49 | 20.45 | 0.111 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 90 | 120 | 60  | 23.84 | 20.30 | 0.107 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 90 | 243 | 0   | 23.03 | 20.07 | 0.102 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 90 | 1   | 0   | 23.75 | 20.32 | 0.108 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 90 | 1   | 244 | 23.73 | 19.92 | 0.098 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 90 | 120 | 60  | 23.13 | 20.59 | 0.115 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 90 | 243 | 0   | 23.03 | 20.06 | 0.101 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 90 | 1   | 0   | 23.62 | 20.33 | 0.108 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 90 | 1   | 244 | 23.22 | 20.83 | 0.121 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 90 | 120 | 60  | 23.74 | 19.96 | 0.099 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 90 | 243 | 0   | 23.02 | 20.55 | 0.114 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 90 | 1   | 0   | 23.27 | 19.90 | 0.098 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 90 | 1   | 244 | 23.94 | 20.60 | 0.115 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 90 | 120 | 60  | 23.43 | 20.70 | 0.117 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 90 | 243 | 0   | 23.24 | 20.81 | 0.121 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 90 | 1   | 0   | 23.79 | 20.57 | 0.114 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 90 | 1   | 244 | 23.49 | 19.99 | 0.100 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 90 | 123 | 61  | 23.41 | 19.92 | 0.098 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 90 | 245 | 0   | 23.21 | 19.98 | 0.100 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 90 | 1   | 0   | 23.06 | 20.25 | 0.106 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 90 | 1   | 244 | 23.81 | 20.83 | 0.121 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 90 | 123 | 61  | 23.73 | 20.76 | 0.119 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 90 | 245 | 0   | 23.15 | 20.57 | 0.114 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 90 | 1   | 0   | 23.02 | 19.94 | 0.099 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 90 | 1   | 244 | 23.96 | 20.23 | 0.105 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 90 | 123 | 61  | 23.36 | 20.70 | 0.117 |

|                      |         |        |    |     |     |       |       |       |
|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| CP-OFDM 64QAM        | 2592.99 | 518598 | 90 | 245 | 0   | 23.00 | 20.62 | 0.115 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 90 | 1   | 0   | 21.90 | 18.52 | 0.071 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 90 | 1   | 244 | 22.54 | 19.39 | 0.087 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 90 | 123 | 61  | 22.95 | 19.51 | 0.089 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 90 | 245 | 0   | 22.78 | 19.39 | 0.087 |
| DFT-s-OFDM PI/2 BPSK | 2644.98 | 528996 | 90 | 1   | 0   | 23.04 | 20.25 | 0.106 |
| DFT-s-OFDM PI/2 BPSK | 2644.98 | 528996 | 90 | 1   | 244 | 23.19 | 19.97 | 0.099 |
| DFT-s-OFDM PI/2 BPSK | 2644.98 | 528996 | 90 | 120 | 60  | 23.91 | 20.18 | 0.104 |
| DFT-s-OFDM PI/2 BPSK | 2644.98 | 528996 | 90 | 243 | 0   | 23.06 | 20.49 | 0.112 |
| DFT-s-OFDM QPSK      | 2644.98 | 528996 | 90 | 1   | 0   | 23.41 | 20.49 | 0.112 |
| DFT-s-OFDM QPSK      | 2644.98 | 528996 | 90 | 1   | 244 | 23.94 | 19.97 | 0.099 |
| DFT-s-OFDM QPSK      | 2644.98 | 528996 | 90 | 120 | 60  | 23.70 | 20.41 | 0.110 |
| DFT-s-OFDM QPSK      | 2644.98 | 528996 | 90 | 243 | 0   | 23.27 | 20.31 | 0.107 |
| DFT-s-OFDM 16QAM     | 2644.98 | 528996 | 90 | 1   | 0   | 23.92 | 20.23 | 0.105 |
| DFT-s-OFDM 16QAM     | 2644.98 | 528996 | 90 | 1   | 244 | 23.18 | 19.77 | 0.095 |
| DFT-s-OFDM 16QAM     | 2644.98 | 528996 | 90 | 120 | 60  | 23.60 | 20.23 | 0.105 |
| DFT-s-OFDM 16QAM     | 2644.98 | 528996 | 90 | 243 | 0   | 23.20 | 20.36 | 0.109 |
| DFT-s-OFDM 64QAM     | 2644.98 | 528996 | 90 | 1   | 0   | 23.22 | 20.35 | 0.108 |
| DFT-s-OFDM 64QAM     | 2644.98 | 528996 | 90 | 1   | 244 | 23.54 | 19.76 | 0.095 |
| DFT-s-OFDM 64QAM     | 2644.98 | 528996 | 90 | 120 | 60  | 23.64 | 20.12 | 0.103 |
| DFT-s-OFDM 64QAM     | 2644.98 | 528996 | 90 | 243 | 0   | 23.05 | 20.34 | 0.108 |
| DFT-s-OFDM 256QAM    | 2644.98 | 528996 | 90 | 1   | 0   | 23.56 | 20.21 | 0.105 |
| DFT-s-OFDM 256QAM    | 2644.98 | 528996 | 90 | 1   | 244 | 23.31 | 20.03 | 0.101 |
| DFT-s-OFDM 256QAM    | 2644.98 | 528996 | 90 | 120 | 60  | 23.84 | 20.34 | 0.108 |
| DFT-s-OFDM 256QAM    | 2644.98 | 528996 | 90 | 243 | 0   | 23.84 | 20.24 | 0.106 |
| CP-OFDM QPSK         | 2644.98 | 528996 | 90 | 1   | 0   | 23.76 | 20.78 | 0.120 |
| CP-OFDM QPSK         | 2644.98 | 528996 | 90 | 1   | 244 | 23.20 | 20.05 | 0.101 |
| CP-OFDM QPSK         | 2644.98 | 528996 | 90 | 123 | 61  | 23.34 | 20.27 | 0.106 |
| CP-OFDM QPSK         | 2644.98 | 528996 | 90 | 245 | 0   | 23.11 | 20.39 | 0.109 |
| CP-OFDM 16QAM        | 2644.98 | 528996 | 90 | 1   | 0   | 23.12 | 20.55 | 0.114 |
| CP-OFDM 16QAM        | 2644.98 | 528996 | 90 | 1   | 244 | 23.01 | 19.92 | 0.098 |
| CP-OFDM 16QAM        | 2644.98 | 528996 | 90 | 123 | 61  | 23.73 | 20.27 | 0.106 |
| CP-OFDM 16QAM        | 2644.98 | 528996 | 90 | 245 | 0   | 23.49 | 20.44 | 0.111 |
| CP-OFDM 64QAM        | 2644.98 | 528996 | 90 | 1   | 0   | 23.03 | 20.31 | 0.107 |
| CP-OFDM 64QAM        | 2644.98 | 528996 | 90 | 1   | 244 | 23.49 | 19.57 | 0.091 |
| CP-OFDM 64QAM        | 2644.98 | 528996 | 90 | 123 | 61  | 23.78 | 20.31 | 0.107 |
| CP-OFDM 64QAM        | 2644.98 | 528996 | 90 | 245 | 0   | 23.14 | 20.26 | 0.106 |
| CP-OFDM 256QAM       | 2644.98 | 528996 | 90 | 1   | 0   | 21.79 | 18.88 | 0.077 |
| CP-OFDM 256QAM       | 2644.98 | 528996 | 90 | 1   | 244 | 21.91 | 18.65 | 0.073 |
| CP-OFDM 256QAM       | 2644.98 | 528996 | 90 | 123 | 61  | 22.58 | 18.86 | 0.077 |
| CP-OFDM 256QAM       | 2644.98 | 528996 | 90 | 245 | 0   | 22.48 | 18.98 | 0.079 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|-----------------|---------------|
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 0         | 23.66                 | 20.26           | 0.106         |
| DFT-s-OFDM PI/2 BPSK | 2546.01                 | 509202     | 100      | 1       | 272       | 23.27                 | 20.60           | 0.115         |

|                      |         |        |     |     |     |       |       |       |
|----------------------|---------|--------|-----|-----|-----|-------|-------|-------|
| DFT-s-OFDM PI/2 BPSK | 2546.01 | 509202 | 100 | 135 | 67  | 23.44 | 20.42 | 0.110 |
| DFT-s-OFDM PI/2 BPSK | 2546.01 | 509202 | 100 | 270 | 0   | 23.65 | 20.23 | 0.105 |
| DFT-s-OFDM QPSK      | 2546.01 | 509202 | 100 | 1   | 0   | 23.42 | 20.44 | 0.111 |
| DFT-s-OFDM QPSK      | 2546.01 | 509202 | 100 | 1   | 272 | 23.50 | 20.57 | 0.114 |
| DFT-s-OFDM QPSK      | 2546.01 | 509202 | 100 | 135 | 67  | 23.53 | 20.22 | 0.105 |
| DFT-s-OFDM QPSK      | 2546.01 | 509202 | 100 | 270 | 0   | 23.58 | 20.49 | 0.112 |
| DFT-s-OFDM 16QAM     | 2546.01 | 509202 | 100 | 1   | 0   | 23.29 | 19.93 | 0.098 |
| DFT-s-OFDM 16QAM     | 2546.01 | 509202 | 100 | 1   | 272 | 23.26 | 20.32 | 0.108 |
| DFT-s-OFDM 16QAM     | 2546.01 | 509202 | 100 | 135 | 67  | 23.67 | 20.04 | 0.101 |
| DFT-s-OFDM 16QAM     | 2546.01 | 509202 | 100 | 270 | 0   | 23.56 | 20.20 | 0.105 |
| DFT-s-OFDM 64QAM     | 2546.01 | 509202 | 100 | 1   | 0   | 23.17 | 20.23 | 0.105 |
| DFT-s-OFDM 64QAM     | 2546.01 | 509202 | 100 | 1   | 272 | 23.29 | 20.21 | 0.105 |
| DFT-s-OFDM 64QAM     | 2546.01 | 509202 | 100 | 135 | 67  | 23.51 | 20.05 | 0.101 |
| DFT-s-OFDM 64QAM     | 2546.01 | 509202 | 100 | 270 | 0   | 23.59 | 20.10 | 0.102 |
| DFT-s-OFDM 256QAM    | 2546.01 | 509202 | 100 | 1   | 0   | 23.65 | 19.98 | 0.100 |
| DFT-s-OFDM 256QAM    | 2546.01 | 509202 | 100 | 1   | 272 | 23.22 | 20.47 | 0.111 |
| DFT-s-OFDM 256QAM    | 2546.01 | 509202 | 100 | 135 | 67  | 23.56 | 20.04 | 0.101 |
| DFT-s-OFDM 256QAM    | 2546.01 | 509202 | 100 | 270 | 0   | 23.66 | 20.25 | 0.106 |
| CP-OFDM QPSK         | 2546.01 | 509202 | 100 | 1   | 0   | 23.46 | 19.96 | 0.099 |
| CP-OFDM QPSK         | 2546.01 | 509202 | 100 | 1   | 272 | 23.69 | 20.44 | 0.111 |
| CP-OFDM QPSK         | 2546.01 | 509202 | 100 | 137 | 68  | 23.53 | 19.98 | 0.100 |
| CP-OFDM QPSK         | 2546.01 | 509202 | 100 | 273 | 0   | 23.40 | 20.18 | 0.104 |
| CP-OFDM 16QAM        | 2546.01 | 509202 | 100 | 1   | 0   | 23.30 | 20.17 | 0.104 |
| CP-OFDM 16QAM        | 2546.01 | 509202 | 100 | 1   | 272 | 23.31 | 20.58 | 0.114 |
| CP-OFDM 16QAM        | 2546.01 | 509202 | 100 | 137 | 68  | 23.62 | 20.01 | 0.100 |
| CP-OFDM 16QAM        | 2546.01 | 509202 | 100 | 273 | 0   | 23.54 | 20.20 | 0.105 |
| CP-OFDM 64QAM        | 2546.01 | 509202 | 100 | 1   | 0   | 23.25 | 19.97 | 0.099 |
| CP-OFDM 64QAM        | 2546.01 | 509202 | 100 | 1   | 272 | 23.18 | 20.10 | 0.102 |
| CP-OFDM 64QAM        | 2546.01 | 509202 | 100 | 137 | 68  | 23.73 | 20.18 | 0.104 |
| CP-OFDM 64QAM        | 2546.01 | 509202 | 100 | 273 | 0   | 23.64 | 20.50 | 0.112 |
| CP-OFDM 256QAM       | 2546.01 | 509202 | 100 | 1   | 0   | 22.00 | 18.49 | 0.071 |
| CP-OFDM 256QAM       | 2546.01 | 509202 | 100 | 1   | 272 | 21.86 | 18.98 | 0.079 |
| CP-OFDM 256QAM       | 2546.01 | 509202 | 100 | 137 | 68  | 22.23 | 18.61 | 0.073 |
| CP-OFDM 256QAM       | 2546.01 | 509202 | 100 | 273 | 0   | 22.18 | 19.11 | 0.081 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 100 | 1   | 0   | 23.41 | 19.98 | 0.100 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 100 | 1   | 272 | 23.96 | 20.27 | 0.106 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 100 | 135 | 67  | 23.49 | 20.77 | 0.119 |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | 518598 | 100 | 270 | 0   | 23.36 | 19.90 | 0.098 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 100 | 1   | 0   | 23.81 | 20.07 | 0.102 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 100 | 1   | 272 | 23.49 | 20.49 | 0.112 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 100 | 135 | 67  | 23.84 | 20.51 | 0.112 |
| DFT-s-OFDM QPSK      | 2592.99 | 518598 | 100 | 270 | 0   | 23.03 | 20.01 | 0.100 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 100 | 1   | 0   | 23.75 | 19.77 | 0.095 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 100 | 1   | 272 | 23.73 | 20.65 | 0.116 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 100 | 135 | 67  | 23.13 | 20.12 | 0.103 |
| DFT-s-OFDM 16QAM     | 2592.99 | 518598 | 100 | 270 | 0   | 23.03 | 19.94 | 0.099 |

|                      |         |        |     |     |     |       |       |       |
|----------------------|---------|--------|-----|-----|-----|-------|-------|-------|
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 100 | 1   | 0   | 23.62 | 19.76 | 0.095 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 100 | 1   | 272 | 23.22 | 20.80 | 0.120 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 100 | 135 | 67  | 23.74 | 20.49 | 0.112 |
| DFT-s-OFDM 64QAM     | 2592.99 | 518598 | 100 | 270 | 0   | 23.02 | 19.90 | 0.098 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 100 | 1   | 0   | 23.27 | 20.00 | 0.100 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 100 | 1   | 272 | 23.94 | 20.44 | 0.111 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 100 | 135 | 67  | 23.43 | 19.97 | 0.099 |
| DFT-s-OFDM 256QAM    | 2592.99 | 518598 | 100 | 270 | 0   | 23.24 | 20.56 | 0.114 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 100 | 1   | 0   | 23.79 | 20.47 | 0.111 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 100 | 1   | 272 | 23.49 | 20.56 | 0.114 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 100 | 137 | 68  | 23.41 | 20.68 | 0.117 |
| CP-OFDM QPSK         | 2592.99 | 518598 | 100 | 273 | 0   | 23.21 | 20.78 | 0.120 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 100 | 1   | 0   | 23.06 | 20.36 | 0.109 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 100 | 1   | 272 | 23.81 | 20.42 | 0.110 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 100 | 137 | 68  | 23.73 | 20.83 | 0.121 |
| CP-OFDM 16QAM        | 2592.99 | 518598 | 100 | 273 | 0   | 23.15 | 20.78 | 0.120 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 100 | 1   | 0   | 23.02 | 20.13 | 0.103 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 100 | 1   | 272 | 23.96 | 20.67 | 0.117 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 100 | 137 | 68  | 23.36 | 20.17 | 0.104 |
| CP-OFDM 64QAM        | 2592.99 | 518598 | 100 | 273 | 0   | 23.00 | 20.43 | 0.110 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 100 | 1   | 0   | 21.90 | 18.56 | 0.072 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 100 | 1   | 272 | 22.54 | 18.97 | 0.079 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 100 | 137 | 68  | 22.95 | 19.31 | 0.085 |
| CP-OFDM 256QAM       | 2592.99 | 518598 | 100 | 273 | 0   | 22.78 | 19.46 | 0.088 |
| DFT-s-OFDM PI/2 BPSK | 2640    | 528000 | 100 | 1   | 0   | 23.04 | 20.38 | 0.109 |
| DFT-s-OFDM PI/2 BPSK | 2640    | 528000 | 100 | 1   | 272 | 23.19 | 19.85 | 0.097 |
| DFT-s-OFDM PI/2 BPSK | 2640    | 528000 | 100 | 135 | 67  | 23.91 | 20.24 | 0.106 |
| DFT-s-OFDM PI/2 BPSK | 2640    | 528000 | 100 | 270 | 0   | 23.06 | 20.60 | 0.115 |
| DFT-s-OFDM QPSK      | 2640    | 528000 | 100 | 1   | 0   | 23.41 | 20.43 | 0.110 |
| DFT-s-OFDM QPSK      | 2640    | 528000 | 100 | 1   | 272 | 23.94 | 19.91 | 0.098 |
| DFT-s-OFDM QPSK      | 2640    | 528000 | 100 | 135 | 67  | 23.70 | 20.19 | 0.104 |
| DFT-s-OFDM QPSK      | 2640    | 528000 | 100 | 270 | 0   | 23.27 | 20.39 | 0.109 |
| DFT-s-OFDM 16QAM     | 2640    | 528000 | 100 | 1   | 0   | 23.92 | 20.32 | 0.108 |
| DFT-s-OFDM 16QAM     | 2640    | 528000 | 100 | 1   | 272 | 23.18 | 19.98 | 0.100 |
| DFT-s-OFDM 16QAM     | 2640    | 528000 | 100 | 135 | 67  | 23.60 | 20.33 | 0.108 |
| DFT-s-OFDM 16QAM     | 2640    | 528000 | 100 | 270 | 0   | 23.20 | 20.52 | 0.113 |
| DFT-s-OFDM 64QAM     | 2640    | 528000 | 100 | 1   | 0   | 23.22 | 20.44 | 0.111 |
| DFT-s-OFDM 64QAM     | 2640    | 528000 | 100 | 1   | 272 | 23.54 | 19.97 | 0.099 |
| DFT-s-OFDM 64QAM     | 2640    | 528000 | 100 | 135 | 67  | 23.64 | 20.28 | 0.107 |
| DFT-s-OFDM 64QAM     | 2640    | 528000 | 100 | 270 | 0   | 23.05 | 20.37 | 0.109 |
| DFT-s-OFDM 256QAM    | 2640    | 528000 | 100 | 1   | 0   | 23.56 | 20.41 | 0.110 |
| DFT-s-OFDM 256QAM    | 2640    | 528000 | 100 | 1   | 272 | 23.31 | 19.85 | 0.097 |
| DFT-s-OFDM 256QAM    | 2640    | 528000 | 100 | 135 | 67  | 23.84 | 20.15 | 0.104 |
| DFT-s-OFDM 256QAM    | 2640    | 528000 | 100 | 270 | 0   | 23.84 | 20.62 | 0.115 |
| CP-OFDM QPSK         | 2640    | 528000 | 100 | 1   | 0   | 23.76 | 20.60 | 0.115 |
| CP-OFDM QPSK         | 2640    | 528000 | 100 | 1   | 272 | 23.20 | 19.86 | 0.097 |

|                |      |        |     |     |     |       |       |       |
|----------------|------|--------|-----|-----|-----|-------|-------|-------|
| CP-OFDM QPSK   | 2640 | 528000 | 100 | 137 | 68  | 23.34 | 20.14 | 0.103 |
| CP-OFDM QPSK   | 2640 | 528000 | 100 | 273 | 0   | 23.11 | 20.47 | 0.111 |
| CP-OFDM 16QAM  | 2640 | 528000 | 100 | 1   | 0   | 23.12 | 20.59 | 0.115 |
| CP-OFDM 16QAM  | 2640 | 528000 | 100 | 1   | 272 | 23.01 | 19.96 | 0.099 |
| CP-OFDM 16QAM  | 2640 | 528000 | 100 | 137 | 68  | 23.73 | 20.26 | 0.106 |
| CP-OFDM 16QAM  | 2640 | 528000 | 100 | 273 | 0   | 23.49 | 20.20 | 0.105 |
| CP-OFDM 64QAM  | 2640 | 528000 | 100 | 1   | 0   | 23.03 | 20.19 | 0.104 |
| CP-OFDM 64QAM  | 2640 | 528000 | 100 | 1   | 272 | 23.49 | 19.84 | 0.096 |
| CP-OFDM 64QAM  | 2640 | 528000 | 100 | 137 | 68  | 23.78 | 20.42 | 0.110 |
| CP-OFDM 64QAM  | 2640 | 528000 | 100 | 273 | 0   | 23.14 | 20.27 | 0.106 |
| CP-OFDM 256QAM | 2640 | 528000 | 100 | 1   | 0   | 21.79 | 18.95 | 0.079 |
| CP-OFDM 256QAM | 2640 | 528000 | 100 | 1   | 272 | 21.91 | 18.42 | 0.070 |
| CP-OFDM 256QAM | 2640 | 528000 | 100 | 137 | 68  | 22.58 | 18.88 | 0.077 |
| CP-OFDM 256QAM | 2640 | 528000 | 100 | 273 | 0   | 22.48 | 18.75 | 0.075 |