

Fig.57

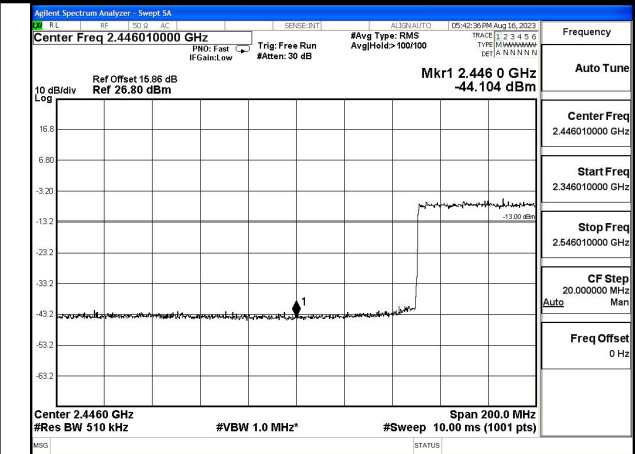


Fig.58

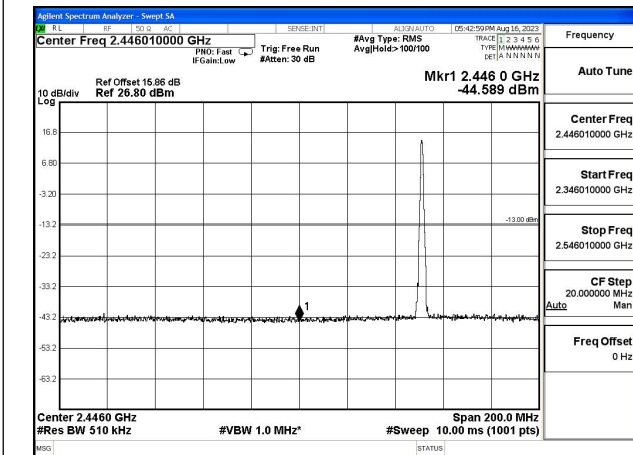


Fig.59

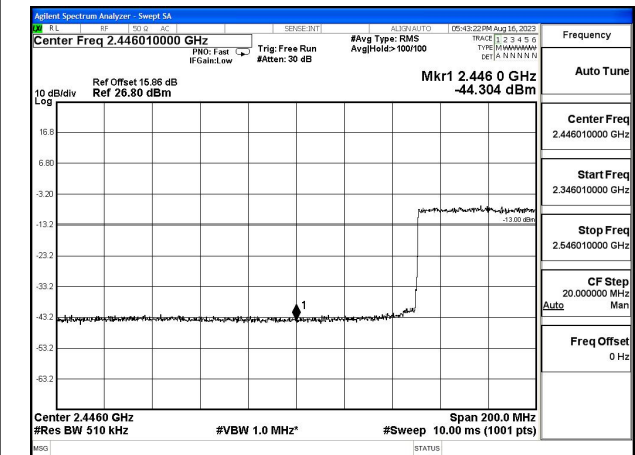


Fig.60

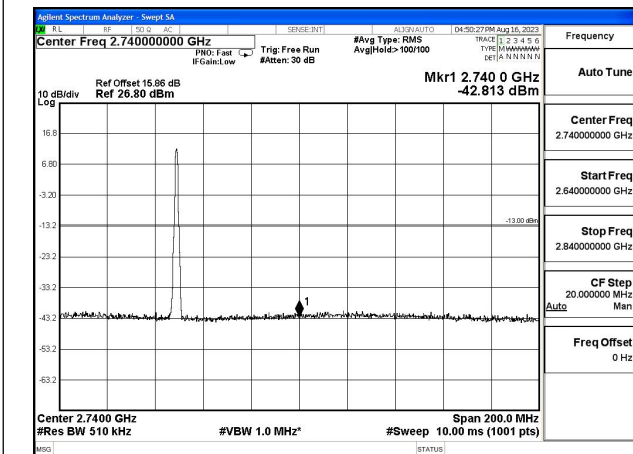


Fig.61

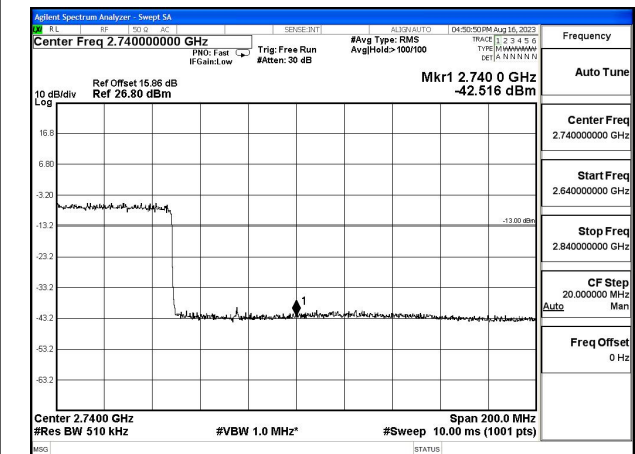


Fig.62

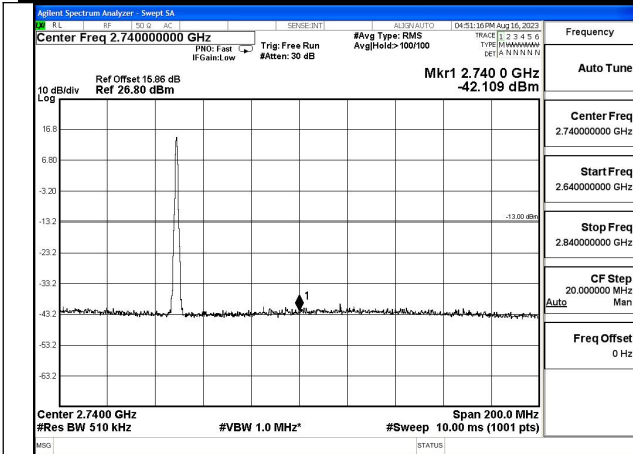


Fig.63

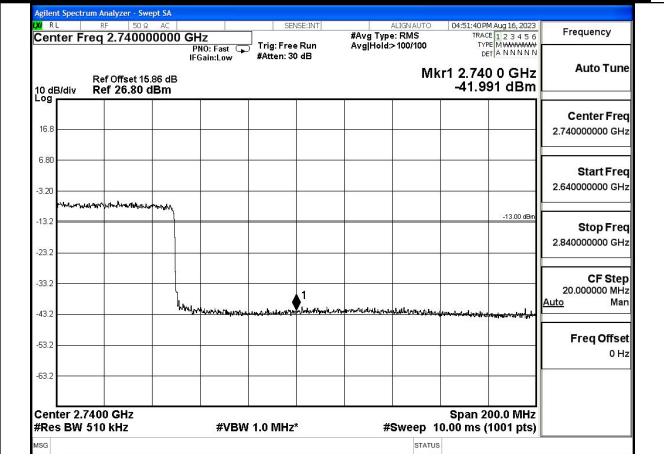


Fig.64

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 |

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|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| 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 |

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|----------------------|---------|--------|----|-----|-----|-------|-------|-------|
| 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 |

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|----------------------|---------|--------|-----|-----|-----|-------|-------|-------|
| 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 |

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|----------------|------|--------|-----|-----|-----|-------|-------|-------|
| 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 |