**APPENDIX A – TEST DATA OF CONDUCTED EMISSION**

**NSA DC_28A_n66A (For1710~1780)**

**1 RF Power Output**

| Modulation | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| DFT-s-OFDM PI/2 BPSK | 1712.5 | 342500 | 5 | 1 | 0 | 23.42 |
| DFT-s-OFDM PI/2 BPSK | 1712.5 | 342500 | 5 | 1 | 24 | 22.07 |
| DFT-s-OFDM PI/2 BPSK | 1712.5 | 342500 | 5 | 12 | 6 | 22.67 |
| DFT-s-OFDM PI/2 BPSK | 1712.5 | 342500 | 5 | 25 | 0 | 23.00 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 0 | 23.33 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 24 | 22.25 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 12 | 6 | 22.58 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 25 | 0 | 23.18 |
| DFT-s-OFDM 16QAM | 1712.5 | 342500 | 5 | 1 | 0 | 23.51 |
| DFT-s-OFDM 16QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.16 |
| DFT-s-OFDM 16QAM | 1712.5 | 342500 | 5 | 12 | 6 | 22.49 |
| DFT-s-OFDM 16QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.01 |
| DFT-s-OFDM 64QAM | 1712.5 | 342500 | 5 | 1 | 0 | 23.42 |
| DFT-s-OFDM 64QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.94 |
| DFT-s-OFDM 64QAM | 1712.5 | 342500 | 5 | 12 | 6 | 23.27 |
| DFT-s-OFDM 64QAM | 1712.5 | 342500 | 5 | 25 | 0 | 23.60 |
| DFT-s-OFDM 256QAM | 1712.5 | 342500 | 5 | 1 | 0 | 22.52 |
| DFT-s-OFDM 256QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.85 |
| DFT-s-OFDM 256QAM | 1712.5 | 342500 | 5 | 12 | 6 | 23.18 |
| DFT-s-OFDM 256QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.10 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 0 | 22.43 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 24 | 23.03 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 13 | 6 | 23.36 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 25 | 0 | 22.28 |
| CP-OFDM 16QAM | 1712.5 | 342500 | 5 | 1 | 0 | 22.61 |
| CP-OFDM 16QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.34 |
| CP-OFDM 16QAM | 1712.5 | 342500 | 5 | 13 | 6 | 23.54 |
| CP-OFDM 16QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.19 |
| CP-OFDM 64QAM | 1712.5 | 342500 | 5 | 1 | 0 | 22.52 |
| CP-OFDM 64QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.84 |
| CP-OFDM 64QAM | 1712.5 | 342500 | 5 | 13 | 6 | 23.45 |
| CP-OFDM 64QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.10 |
| CP-OFDM 256QAM | 1712.5 | 342500 | 5 | 1 | 0 | 23.30 |
| CP-OFDM 256QAM | 1712.5 | 342500 | 5 | 1 | 24 | 23.03 |
| CP-OFDM 256QAM | 1712.5 | 342500 | 5 | 13 | 6 | 23.35 |
| CP-OFDM 256QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.28 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 5 | 1 | 0 | 23.02 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 5 | 1 | 24 | 22.55 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 5 | 12 | 6 | 22.88 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 5 | 25 | 0 | 22.60 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 5 | 1 | 0 | 22.13 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 5 | 1 | 24 | 22.45 |

| | | | | | | |
|---|---|---|---|---|---|---|
| DFT-s-OFDM QPSK | 1745 | 349000 | 5 | 12 | 6 | 22.78 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 5 | 25 | 0 | 23.11 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 5 | 1 | 0 | 22.64 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 5 | 1 | 24 | 22.96 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 5 | 12 | 6 | 23.29 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 5 | 25 | 0 | 23.62 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 5 | 1 | 0 | 22.54 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 5 | 1 | 24 | 22.87 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 5 | 12 | 6 | 22.40 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 5 | 25 | 0 | 22.72 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 5 | 1 | 0 | 23.05 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 5 | 1 | 24 | 23.66 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 5 | 12 | 6 | 22.30 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 5 | 25 | 0 | 22.63 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 1 | 0 | 22.96 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 1 | 24 | 23.56 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 13 | 6 | 22.21 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 25 | 0 | 23.42 |
| CP-OFDM 16QAM | 1745 | 349000 | 5 | 1 | 0 | 22.06 |
| CP-OFDM 16QAM | 1745 | 349000 | 5 | 1 | 24 | 23.47 |
| CP-OFDM 16QAM | 1745 | 349000 | 5 | 13 | 6 | 22.99 |
| CP-OFDM 16QAM | 1745 | 349000 | 5 | 25 | 0 | 23.32 |
| CP-OFDM 64QAM | 1745 | 349000 | 5 | 1 | 0 | 23.65 |
| CP-OFDM 64QAM | 1745 | 349000 | 5 | 1 | 24 | 22.57 |
| CP-OFDM 64QAM | 1745 | 349000 | 5 | 13 | 6 | 22.90 |
| CP-OFDM 64QAM | 1745 | 349000 | 5 | 25 | 0 | 23.23 |
| CP-OFDM 256QAM | 1745 | 349000 | 5 | 1 | 0 | 22.75 |
| CP-OFDM 256QAM | 1745 | 349000 | 5 | 1 | 24 | 23.08 |
| CP-OFDM 256QAM | 1745 | 349000 | 5 | 13 | 6 | 22.81 |
| CP-OFDM 256QAM | 1745 | 349000 | 5 | 25 | 0 | 22.33 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 1 | 0 | 22.55 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 1 | 24 | 23.48 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 12 | 6 | 22.13 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 25 | 0 | 22.73 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 0 | 23.06 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 24 | 23.39 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 12 | 6 | 22.91 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 25 | 0 | 23.24 |
| DFT-s-OFDM 16QAM | 1777.5 | 355500 | 5 | 1 | 0 | 23.57 |
| DFT-s-OFDM 16QAM | 1777.5 | 355500 | 5 | 1 | 24 | 22.22 |
| DFT-s-OFDM 16QAM | 1777.5 | 355500 | 5 | 12 | 6 | 23.42 |
| DFT-s-OFDM 16QAM | 1777.5 | 355500 | 5 | 25 | 0 | 22.07 |
| DFT-s-OFDM 64QAM | 1777.5 | 355500 | 5 | 1 | 0 | 22.40 |
| DFT-s-OFDM 64QAM | 1777.5 | 355500 | 5 | 1 | 24 | 22.73 |
| DFT-s-OFDM 64QAM | 1777.5 | 355500 | 5 | 12 | 6 | 22.25 |
| DFT-s-OFDM 64QAM | 1777.5 | 355500 | 5 | 25 | 0 | 23.66 |

| | | | | | | |
|---|---|---|---|---|---|---|
| DFT-s-OFDM 256QAM | 1777.5 | 355500 | 5 | 1 | 0 | 22.91 |
| DFT-s-OFDM 256QAM | 1777.5 | 355500 | 5 | 1 | 24 | 23.51 |
| DFT-s-OFDM 256QAM | 1777.5 | 355500 | 5 | 12 | 6 | 22.16 |
| DFT-s-OFDM 256QAM | 1777.5 | 355500 | 5 | 25 | 0 | 22.49 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 0 | 23.42 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 24 | 22.34 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 13 | 6 | 22.67 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 25 | 0 | 23.00 |
| CP-OFDM 16QAM | 1777.5 | 355500 | 5 | 1 | 0 | 23.32 |
| CP-OFDM 16QAM | 1777.5 | 355500 | 5 | 1 | 24 | 22.85 |
| CP-OFDM 16QAM | 1777.5 | 355500 | 5 | 13 | 6 | 23.18 |
| CP-OFDM 16QAM | 1777.5 | 355500 | 5 | 25 | 0 | 23.50 |
| CP-OFDM 64QAM | 1777.5 | 355500 | 5 | 1 | 0 | 22.15 |
| CP-OFDM 64QAM | 1777.5 | 355500 | 5 | 1 | 24 | 23.36 |
| CP-OFDM 64QAM | 1777.5 | 355500 | 5 | 13 | 6 | 22.01 |
| CP-OFDM 64QAM | 1777.5 | 355500 | 5 | 25 | 0 | 22.33 |
| CP-OFDM 256QAM | 1777.5 | 355500 | 5 | 1 | 0 | 22.66 |
| CP-OFDM 256QAM | 1777.5 | 355500 | 5 | 1 | 24 | 22.19 |
| CP-OFDM 256QAM | 1777.5 | 355500 | 5 | 13 | 6 | 22.52 |
| CP-OFDM 256QAM | 1777.5 | 355500 | 5 | 25 | 0 | 22.84 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| DFT-s-OFDM PI/2 BPSK | 1715 | 343000 | 10 | 1 | 0 | 23.05 |
| DFT-s-OFDM PI/2 BPSK | 1715 | 343000 | 10 | 1 | 51 | 22.58 |
| DFT-s-OFDM PI/2 BPSK | 1715 | 343000 | 10 | 25 | 12 | 22.30 |
| DFT-s-OFDM PI/2 BPSK | 1715 | 343000 | 10 | 50 | 0 | 23.51 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 1 | 0 | 23.23 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 1 | 51 | 23.56 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 25 | 12 | 23.09 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 50 | 0 | 22.81 |
| DFT-s-OFDM 16QAM | 1715 | 343000 | 10 | 1 | 0 | 22.34 |
| DFT-s-OFDM 16QAM | 1715 | 343000 | 10 | 1 | 51 | 22.66 |
| DFT-s-OFDM 16QAM | 1715 | 343000 | 10 | 25 | 12 | 22.39 |
| DFT-s-OFDM 16QAM | 1715 | 343000 | 10 | 50 | 0 | 23.59 |
| DFT-s-OFDM 64QAM | 1715 | 343000 | 10 | 1 | 0 | 23.32 |
| DFT-s-OFDM 64QAM | 1715 | 343000 | 10 | 1 | 51 | 22.85 |
| DFT-s-OFDM 64QAM | 1715 | 343000 | 10 | 25 | 12 | 23.17 |
| DFT-s-OFDM 64QAM | 1715 | 343000 | 10 | 50 | 0 | 22.90 |
| DFT-s-OFDM 256QAM | 1715 | 343000 | 10 | 1 | 0 | 22.42 |
| DFT-s-OFDM 256QAM | 1715 | 343000 | 10 | 1 | 51 | 22.75 |
| DFT-s-OFDM 256QAM | 1715 | 343000 | 10 | 25 | 12 | 23.35 |
| DFT-s-OFDM 256QAM | 1715 | 343000 | 10 | 50 | 0 | 23.68 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 1 | 0 | 22.33 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 1 | 51 | 22.93 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 26 | 13 | 23.26 |

| | | | | | | |
|---|---|---|---|---|---|---|
| CP-OFDM QPSK | 1715 | 343000 | 10 | 52 | 0 | 23.59 |
| CP-OFDM 16QAM | 1715 | 343000 | 10 | 1 | 0 | 22.51 |
| CP-OFDM 16QAM | 1715 | 343000 | 10 | 1 | 51 | 22.84 |
| CP-OFDM 16QAM | 1715 | 343000 | 10 | 26 | 13 | 23.17 |
| CP-OFDM 16QAM | 1715 | 343000 | 10 | 52 | 0 | 22.69 |
| CP-OFDM 64QAM | 1715 | 343000 | 10 | 1 | 0 | 23.02 |
| CP-OFDM 64QAM | 1715 | 343000 | 10 | 1 | 51 | 22.75 |
| CP-OFDM 64QAM | 1715 | 343000 | 10 | 26 | 13 | 22.27 |
| CP-OFDM 64QAM | 1715 | 343000 | 10 | 52 | 0 | 23.68 |
| CP-OFDM 256QAM | 1715 | 343000 | 10 | 1 | 0 | 23.20 |
| CP-OFDM 256QAM | 1715 | 343000 | 10 | 1 | 51 | 23.53 |
| CP-OFDM 256QAM | 1715 | 343000 | 10 | 26 | 13 | 23.26 |
| CP-OFDM 256QAM | 1715 | 343000 | 10 | 52 | 0 | 22.78 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 10 | 1 | 0 | 23.59 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 10 | 1 | 51 | 22.24 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 10 | 25 | 12 | 22.57 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 10 | 50 | 0 | 22.09 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 10 | 1 | 0 | 23.50 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 10 | 1 | 51 | 22.15 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 10 | 25 | 12 | 23.35 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 10 | 50 | 0 | 23.68 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 10 | 1 | 0 | 22.33 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 10 | 1 | 51 | 22.65 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 10 | 25 | 12 | 22.18 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 10 | 50 | 0 | 23.59 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 10 | 1 | 0 | 23.11 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 10 | 1 | 51 | 23.44 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 10 | 25 | 12 | 22.09 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 10 | 50 | 0 | 22.41 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 10 | 1 | 0 | 23.62 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 10 | 1 | 51 | 22.27 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 10 | 25 | 12 | 22.60 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 10 | 50 | 0 | 23.20 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 1 | 0 | 23.53 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 1 | 51 | 22.17 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 26 | 13 | 22.50 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 52 | 0 | 22.03 |
| CP-OFDM 16QAM | 1745 | 349000 | 10 | 1 | 0 | 22.36 |
| CP-OFDM 16QAM | 1745 | 349000 | 10 | 1 | 51 | 22.96 |
| CP-OFDM 16QAM | 1745 | 349000 | 10 | 26 | 13 | 23.29 |
| CP-OFDM 16QAM | 1745 | 349000 | 10 | 52 | 0 | 23.61 |
| CP-OFDM 64QAM | 1745 | 349000 | 10 | 1 | 0 | 22.26 |
| CP-OFDM 64QAM | 1745 | 349000 | 10 | 1 | 51 | 23.47 |
| CP-OFDM 64QAM | 1745 | 349000 | 10 | 26 | 13 | 23.19 |
| CP-OFDM 64QAM | 1745 | 349000 | 10 | 52 | 0 | 23.52 |
| CP-OFDM 256QAM | 1745 | 349000 | 10 | 1 | 0 | 23.05 |

| | | | | | | |
|---|---|---|---|---|---|---|
| CP-OFDM 256QAM | 1745 | 349000 | 10 | 1 | 51 | 23.37 |
| CP-OFDM 256QAM | 1745 | 349000 | 10 | 26 | 13 | 22.02 |
| CP-OFDM 256QAM | 1745 | 349000 | 10 | 52 | 0 | 22.35 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 1 | 0 | 22.12 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 1 | 51 | 23.32 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 25 | 12 | 23.65 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 50 | 0 | 22.30 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 1 | 0 | 22.63 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 1 | 51 | 22.15 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 25 | 12 | 22.48 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 50 | 0 | 22.81 |
| DFT-s-OFDM 16QAM | 1775 | 355000 | 10 | 1 | 0 | 23.14 |
| DFT-s-OFDM 16QAM | 1775 | 355000 | 10 | 1 | 51 | 22.66 |
| DFT-s-OFDM 16QAM | 1775 | 355000 | 10 | 25 | 12 | 22.99 |
| DFT-s-OFDM 16QAM | 1775 | 355000 | 10 | 50 | 0 | 23.32 |
| DFT-s-OFDM 64QAM | 1775 | 355000 | 10 | 1 | 0 | 23.65 |
| DFT-s-OFDM 64QAM | 1775 | 355000 | 10 | 1 | 51 | 23.17 |
| DFT-s-OFDM 64QAM | 1775 | 355000 | 10 | 25 | 12 | 23.50 |
| DFT-s-OFDM 64QAM | 1775 | 355000 | 10 | 50 | 0 | 22.15 |
| DFT-s-OFDM 256QAM | 1775 | 355000 | 10 | 1 | 0 | 22.48 |
| DFT-s-OFDM 256QAM | 1775 | 355000 | 10 | 1 | 51 | 23.68 |
| DFT-s-OFDM 256QAM | 1775 | 355000 | 10 | 25 | 12 | 22.33 |
| DFT-s-OFDM 256QAM | 1775 | 355000 | 10 | 50 | 0 | 22.66 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 1 | 0 | 22.98 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 1 | 51 | 22.51 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 26 | 13 | 22.84 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 52 | 0 | 23.17 |
| CP-OFDM 16QAM | 1775 | 355000 | 10 | 1 | 0 | 23.49 |
| CP-OFDM 16QAM | 1775 | 355000 | 10 | 1 | 51 | 23.02 |
| CP-OFDM 16QAM | 1775 | 355000 | 10 | 26 | 13 | 23.35 |
| CP-OFDM 16QAM | 1775 | 355000 | 10 | 52 | 0 | 23.68 |
| CP-OFDM 64QAM | 1775 | 355000 | 10 | 1 | 0 | 22.32 |
| CP-OFDM 64QAM | 1775 | 355000 | 10 | 1 | 51 | 23.53 |
| CP-OFDM 64QAM | 1775 | 355000 | 10 | 26 | 13 | 22.18 |
| CP-OFDM 64QAM | 1775 | 355000 | 10 | 52 | 0 | 22.50 |
| CP-OFDM 256QAM | 1775 | 355000 | 10 | 1 | 0 | 22.83 |
| CP-OFDM 256QAM | 1775 | 355000 | 10 | 1 | 51 | 22.36 |
| CP-OFDM 256QAM | 1775 | 355000 | 10 | 26 | 13 | 22.69 |
| CP-OFDM 256QAM | 1775 | 355000 | 10 | 52 | 0 | 23.01 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| DFT-s-OFDM PI/2 BPSK | 1717.5 | 343500 | 15 | 1 | 0 | 22.80 |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | 343500 | 15 | 1 | 78 | 23.13 |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | 343500 | 15 | 36 | 18 | 22.06 |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | 343500 | 15 | 75 | 0 | 22.38 |

| | | | | | | |
|---|---|---|---|---|---|---|
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 0 | 22.71 |
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 78 | 23.31 |
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 36 | 18 | 23.64 |
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 75 | 0 | 22.29 |
| DFT-s-OFDM 16QAM | 1717.5 | 343500 | 15 | 1 | 0 | 22.89 |
| DFT-s-OFDM 16QAM | 1717.5 | 343500 | 15 | 1 | 78 | 23.22 |
| DFT-s-OFDM 16QAM | 1717.5 | 343500 | 15 | 36 | 18 | 22.75 |
| DFT-s-OFDM 16QAM | 1717.5 | 343500 | 15 | 75 | 0 | 23.07 |
| DFT-s-OFDM 64QAM | 1717.5 | 343500 | 15 | 1 | 0 | 22.80 |
| DFT-s-OFDM 64QAM | 1717.5 | 343500 | 15 | 1 | 78 | 22.32 |
| DFT-s-OFDM 64QAM | 1717.5 | 343500 | 15 | 36 | 18 | 22.65 |
| DFT-s-OFDM 64QAM | 1717.5 | 343500 | 15 | 75 | 0 | 22.98 |
| DFT-s-OFDM 256QAM | 1717.5 | 343500 | 15 | 1 | 0 | 22.23 |
| DFT-s-OFDM 256QAM | 1717.5 | 343500 | 15 | 1 | 78 | 23.16 |
| DFT-s-OFDM 256QAM | 1717.5 | 343500 | 15 | 36 | 18 | 23.49 |
| DFT-s-OFDM 256QAM | 1717.5 | 343500 | 15 | 75 | 0 | 22.14 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 0 | 23.07 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 78 | 23.67 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 39 | 19 | 22.32 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 79 | 0 | 22.65 |
| CP-OFDM 16QAM | 1717.5 | 343500 | 15 | 1 | 0 | 23.25 |
| CP-OFDM 16QAM | 1717.5 | 343500 | 15 | 1 | 78 | 23.58 |
| CP-OFDM 16QAM | 1717.5 | 343500 | 15 | 39 | 19 | 23.10 |
| CP-OFDM 16QAM | 1717.5 | 343500 | 15 | 79 | 0 | 23.43 |
| CP-OFDM 64QAM | 1717.5 | 343500 | 15 | 1 | 0 | 23.16 |
| CP-OFDM 64QAM | 1717.5 | 343500 | 15 | 1 | 78 | 22.68 |
| CP-OFDM 64QAM | 1717.5 | 343500 | 15 | 39 | 19 | 23.01 |
| CP-OFDM 64QAM | 1717.5 | 343500 | 15 | 79 | 0 | 23.61 |
| CP-OFDM 256QAM | 1717.5 | 343500 | 15 | 1 | 0 | 22.26 |
| CP-OFDM 256QAM | 1717.5 | 343500 | 15 | 1 | 78 | 22.59 |
| CP-OFDM 256QAM | 1717.5 | 343500 | 15 | 39 | 19 | 22.92 |
| CP-OFDM 256QAM | 1717.5 | 343500 | 15 | 79 | 0 | 22.44 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 15 | 1 | 0 | 22.53 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 15 | 1 | 78 | 22.86 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 15 | 36 | 18 | 22.39 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 15 | 75 | 0 | 22.71 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 15 | 1 | 0 | 23.04 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 15 | 1 | 78 | 23.37 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 15 | 36 | 18 | 22.89 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 15 | 75 | 0 | 22.62 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 15 | 1 | 0 | 22.15 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 15 | 1 | 78 | 22.47 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 15 | 36 | 18 | 22.80 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 15 | 75 | 0 | 23.13 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 15 | 1 | 0 | 22.65 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 15 | 1 | 78 | 22.98 |

| | | | | | | |
|---|---|---|---|---|---|---|
| DFT-s-OFDM 64QAM | 1745 | 349000 | 15 | 36 | 18 | 22.71 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 15 | 75 | 0 | 22.23 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 15 | 1 | 0 | 22.56 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 15 | 1 | 78 | 22.89 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 15 | 36 | 18 | 23.22 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 15 | 75 | 0 | 22.14 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 1 | 0 | 22.47 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 1 | 78 | 23.67 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 39 | 19 | 22.32 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 79 | 0 | 22.65 |
| CP-OFDM 16QAM | 1745 | 349000 | 15 | 1 | 0 | 22.98 |
| CP-OFDM 16QAM | 1745 | 349000 | 15 | 1 | 78 | 22.50 |
| CP-OFDM 16QAM | 1745 | 349000 | 15 | 39 | 19 | 22.83 |
| CP-OFDM 16QAM | 1745 | 349000 | 15 | 79 | 0 | 22.56 |
| CP-OFDM 64QAM | 1745 | 349000 | 15 | 1 | 0 | 23.49 |
| CP-OFDM 64QAM | 1745 | 349000 | 15 | 1 | 78 | 23.01 |
| CP-OFDM 64QAM | 1745 | 349000 | 15 | 39 | 19 | 23.34 |
| CP-OFDM 64QAM | 1745 | 349000 | 15 | 79 | 0 | 23.67 |
| CP-OFDM 256QAM | 1745 | 349000 | 15 | 1 | 0 | 22.32 |
| CP-OFDM 256QAM | 1745 | 349000 | 15 | 1 | 78 | 23.52 |
| CP-OFDM 256QAM | 1745 | 349000 | 15 | 39 | 19 | 22.17 |
| CP-OFDM 256QAM | 1745 | 349000 | 15 | 79 | 0 | 23.57 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 1 | 0 | 22.14 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 1 | 78 | 22.47 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 36 | 18 | 22.80 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 75 | 0 | 23.13 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 0 | 22.65 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 78 | 22.98 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 36 | 18 | 22.23 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 75 | 0 | 22.56 |
| DFT-s-OFDM 16QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.89 |
| DFT-s-OFDM 16QAM | 1772.5 | 354500 | 15 | 1 | 78 | 22.41 |
| DFT-s-OFDM 16QAM | 1772.5 | 354500 | 15 | 36 | 18 | 22.74 |
| DFT-s-OFDM 16QAM | 1772.5 | 354500 | 15 | 75 | 0 | 23.07 |
| DFT-s-OFDM 64QAM | 1772.5 | 354500 | 15 | 1 | 0 | 23.39 |
| DFT-s-OFDM 64QAM | 1772.5 | 354500 | 15 | 1 | 78 | 22.92 |
| DFT-s-OFDM 64QAM | 1772.5 | 354500 | 15 | 36 | 18 | 23.25 |
| DFT-s-OFDM 64QAM | 1772.5 | 354500 | 15 | 75 | 0 | 23.58 |
| DFT-s-OFDM 256QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.83 |
| DFT-s-OFDM 256QAM | 1772.5 | 354500 | 15 | 1 | 78 | 23.15 |
| DFT-s-OFDM 256QAM | 1772.5 | 354500 | 15 | 36 | 18 | 22.08 |
| DFT-s-OFDM 256QAM | 1772.5 | 354500 | 15 | 75 | 0 | 22.41 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 0 | 23.34 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 78 | 23.66 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 39 | 19 | 22.31 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 79 | 0 | 23.52 |

| | | | | | | |
|---|---|---|---|---|---|---|
| CP-OFDM 16QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.17 |
| CP-OFDM 16QAM | 1772.5 | 354500 | 15 | 1 | 78 | 22.49 |
| CP-OFDM 16QAM | 1772.5 | 354500 | 15 | 39 | 19 | 22.82 |
| CP-OFDM 16QAM | 1772.5 | 354500 | 15 | 79 | 0 | 22.35 |
| CP-OFDM 64QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.68 |
| CP-OFDM 64QAM | 1772.5 | 354500 | 15 | 1 | 78 | 23.00 |
| CP-OFDM 64QAM | 1772.5 | 354500 | 15 | 39 | 19 | 22.25 |
| CP-OFDM 64QAM | 1772.5 | 354500 | 15 | 79 | 0 | 22.58 |
| CP-OFDM 256QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.11 |
| CP-OFDM 256QAM | 1772.5 | 354500 | 15 | 1 | 78 | 22.44 |
| CP-OFDM 256QAM | 1772.5 | 354500 | 15 | 39 | 19 | 22.76 |
| CP-OFDM 256QAM | 1772.5 | 354500 | 15 | 79 | 0 | 23.09 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 0 | 22.47 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 105 | 22.79 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 50 | 25 | 23.40 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 100 | 0 | 22.04 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 22.37 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 1 | 105 | 22.70 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 50 | 25 | 23.30 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 100 | 0 | 23.63 |
| DFT-s-OFDM 16QAM | 1720 | 344000 | 20 | 1 | 0 | 23.16 |
| DFT-s-OFDM 16QAM | 1720 | 344000 | 20 | 1 | 105 | 23.48 |
| DFT-s-OFDM 16QAM | 1720 | 344000 | 20 | 50 | 25 | 23.21 |
| DFT-s-OFDM 16QAM | 1720 | 344000 | 20 | 100 | 0 | 22.74 |
| DFT-s-OFDM 64QAM | 1720 | 344000 | 20 | 1 | 0 | 23.06 |
| DFT-s-OFDM 64QAM | 1720 | 344000 | 20 | 1 | 105 | 23.67 |
| DFT-s-OFDM 64QAM | 1720 | 344000 | 20 | 50 | 25 | 22.31 |
| DFT-s-OFDM 64QAM | 1720 | 344000 | 20 | 100 | 0 | 22.64 |
| DFT-s-OFDM 256QAM | 1720 | 344000 | 20 | 1 | 0 | 23.24 |
| DFT-s-OFDM 256QAM | 1720 | 344000 | 20 | 1 | 105 | 23.57 |
| DFT-s-OFDM 256QAM | 1720 | 344000 | 20 | 50 | 25 | 22.22 |
| DFT-s-OFDM 256QAM | 1720 | 344000 | 20 | 100 | 0 | 22.55 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 23.15 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 105 | 23.48 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 53 | 26 | 23.00 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 106 | 0 | 22.73 |
| CP-OFDM 16QAM | 1720 | 344000 | 20 | 1 | 0 | 23.06 |
| CP-OFDM 16QAM | 1720 | 344000 | 20 | 1 | 105 | 22.58 |
| CP-OFDM 16QAM | 1720 | 344000 | 20 | 53 | 26 | 22.91 |
| CP-OFDM 16QAM | 1720 | 344000 | 20 | 106 | 0 | 23.51 |
| CP-OFDM 64QAM | 1720 | 344000 | 20 | 1 | 0 | 22.16 |
| CP-OFDM 64QAM | 1720 | 344000 | 20 | 1 | 105 | 22.49 |
| CP-OFDM 64QAM | 1720 | 344000 | 20 | 53 | 26 | 23.09 |

| | | | | | | |
|---|---|---|---|---|---|---|
| CP-OFDM 64QAM | 1720 | 344000 | 20 | 106 | 0 | 23.42 |
| CP-OFDM 256QAM | 1720 | 344000 | 20 | 1 | 0 | 22.07 |
| CP-OFDM 256QAM | 1720 | 344000 | 20 | 1 | 105 | 22.40 |
| CP-OFDM 256QAM | 1720 | 344000 | 20 | 53 | 26 | 23.00 |
| CP-OFDM 256QAM | 1720 | 344000 | 20 | 106 | 0 | 23.33 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 20 | 1 | 0 | 22.08 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 20 | 1 | 105 | 22.40 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 20 | 50 | 25 | 23.61 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 20 | 100 | 0 | 22.26 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 20 | 1 | 0 | 22.59 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 20 | 1 | 105 | 22.91 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 20 | 50 | 25 | 22.44 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 20 | 100 | 0 | 22.77 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 20 | 1 | 0 | 23.09 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 20 | 1 | 105 | 23.42 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 20 | 50 | 25 | 22.67 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 20 | 100 | 0 | 23.60 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 20 | 1 | 0 | 22.25 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 20 | 1 | 105 | 23.46 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 20 | 50 | 25 | 22.11 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 20 | 100 | 0 | 22.43 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 20 | 1 | 0 | 22.76 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 20 | 1 | 105 | 22.29 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 20 | 50 | 25 | 22.61 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 20 | 100 | 0 | 23.22 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 1 | 0 | 23.55 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 1 | 105 | 22.19 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 53 | 26 | 22.52 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 106 | 0 | 22.05 |
| CP-OFDM 16QAM | 1745 | 349000 | 20 | 1 | 0 | 22.37 |
| CP-OFDM 16QAM | 1745 | 349000 | 20 | 1 | 105 | 22.70 |
| CP-OFDM 16QAM | 1745 | 349000 | 20 | 53 | 26 | 23.03 |
| CP-OFDM 16QAM | 1745 | 349000 | 20 | 106 | 0 | 22.56 |
| CP-OFDM 64QAM | 1745 | 349000 | 20 | 1 | 0 | 22.88 |
| CP-OFDM 64QAM | 1745 | 349000 | 20 | 1 | 105 | 23.21 |
| CP-OFDM 64QAM | 1745 | 349000 | 20 | 53 | 26 | 22.13 |
| CP-OFDM 64QAM | 1745 | 349000 | 20 | 106 | 0 | 22.46 |
| CP-OFDM 256QAM | 1745 | 349000 | 20 | 1 | 0 | 22.79 |
| CP-OFDM 256QAM | 1745 | 349000 | 20 | 1 | 105 | 23.12 |
| CP-OFDM 256QAM | 1745 | 349000 | 20 | 53 | 26 | 22.64 |
| CP-OFDM 256QAM | 1745 | 349000 | 20 | 106 | 0 | 22.97 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 22.22 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 105 | 23.15 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 50 | 25 | 23.48 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 100 | 0 | 22.13 |
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 23.33 |

| | | | | | | |
|---|---|---|---|---|---|---|
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 1 | 105 | 23.66 |
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 50 | 25 | 22.31 |
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 100 | 0 | 22.63 |
| DFT-s-OFDM 16QAM | 1770 | 354000 | 20 | 1 | 0 | 23.57 |
| DFT-s-OFDM 16QAM | 1770 | 354000 | 20 | 1 | 105 | 22.21 |
| DFT-s-OFDM 16QAM | 1770 | 354000 | 20 | 50 | 25 | 23.42 |
| DFT-s-OFDM 16QAM | 1770 | 354000 | 20 | 100 | 0 | 22.07 |
| DFT-s-OFDM 64QAM | 1770 | 354000 | 20 | 1 | 0 | 22.39 |
| DFT-s-OFDM 64QAM | 1770 | 354000 | 20 | 1 | 105 | 22.72 |
| DFT-s-OFDM 64QAM | 1770 | 354000 | 20 | 50 | 25 | 22.25 |
| DFT-s-OFDM 64QAM | 1770 | 354000 | 20 | 100 | 0 | 22.58 |
| DFT-s-OFDM 256QAM | 1770 | 354000 | 20 | 1 | 0 | 23.51 |
| DFT-s-OFDM 256QAM | 1770 | 354000 | 20 | 1 | 105 | 22.15 |
| DFT-s-OFDM 256QAM | 1770 | 354000 | 20 | 50 | 25 | 22.48 |
| DFT-s-OFDM 256QAM | 1770 | 354000 | 20 | 100 | 0 | 23.41 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 22.06 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 105 | 23.27 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 53 | 26 | 23.59 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 106 | 0 | 22.24 |
| CP-OFDM 16QAM | 1770 | 354000 | 20 | 1 | 0 | 23.17 |
| CP-OFDM 16QAM | 1770 | 354000 | 20 | 1 | 105 | 23.50 |
| CP-OFDM 16QAM | 1770 | 354000 | 20 | 53 | 26 | 23.03 |
| CP-OFDM 16QAM | 1770 | 354000 | 20 | 106 | 0 | 23.35 |
| CP-OFDM 64QAM | 1770 | 354000 | 20 | 1 | 0 | 23.68 |
| CP-OFDM 64QAM | 1770 | 354000 | 20 | 1 | 105 | 22.33 |
| CP-OFDM 64QAM | 1770 | 354000 | 20 | 53 | 26 | 23.54 |
| CP-OFDM 64QAM | 1770 | 354000 | 20 | 106 | 0 | 22.18 |
| CP-OFDM 256QAM | 1770 | 354000 | 20 | 1 | 0 | 23.11 |
| CP-OFDM 256QAM | 1770 | 354000 | 20 | 1 | 105 | 23.44 |
| CP-OFDM 256QAM | 1770 | 354000 | 20 | 53 | 26 | 22.09 |
| CP-OFDM 256QAM | 1770 | 354000 | 20 | 106 | 0 | 22.42 |

## 2 Occupied Bandwidth

| Modulation | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|---|---|---|---|---|---|---|---|
| CP-OFDM QPSK | 1745 | 349000 | 5 | 25 | 0 | 4.370 | Fig.1 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 52 | 0 | 9.940 | Fig.2 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 79 | 0 | 14.270 | Fig.3 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 106 | 0 | 18.180 | Fig.4 |

Test Plot:

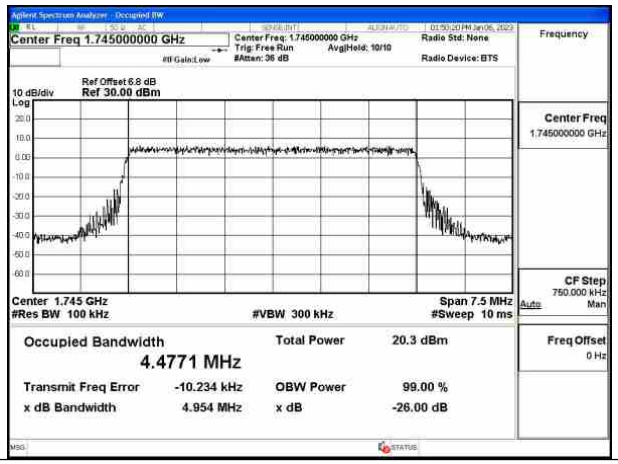


Fig.1

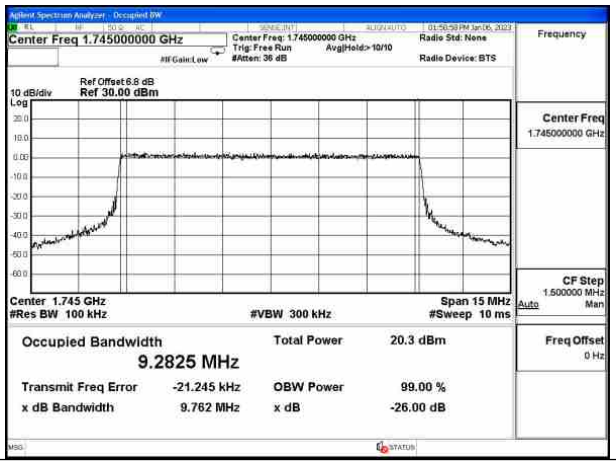


Fig.2

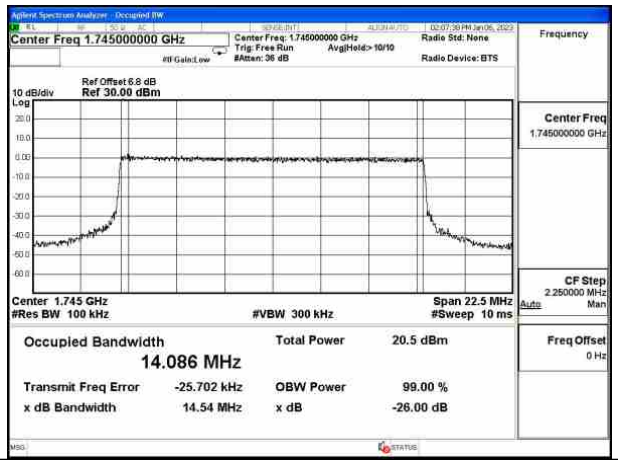


Fig.3

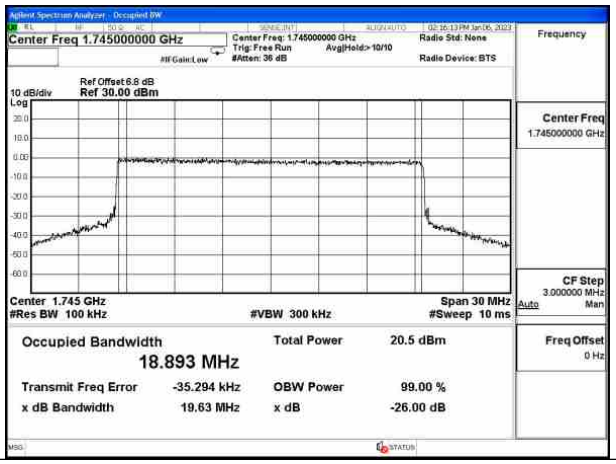


Fig.4

## 3 Emission Bandwidth

| Modulation | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB Power (MHz) | |
|---|---|---|---|---|---|---|---|
| CP-OFDM QPSK | 1745 | 349000 | 5 | 25 | 0 | 4.950 | Fig.1 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 52 | 0 | 9.860 | Fig.2 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 79 | 0 | 14.540 | Fig.3 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 106 | 0 | 19.390 | Fig.4 |

Test Plot:

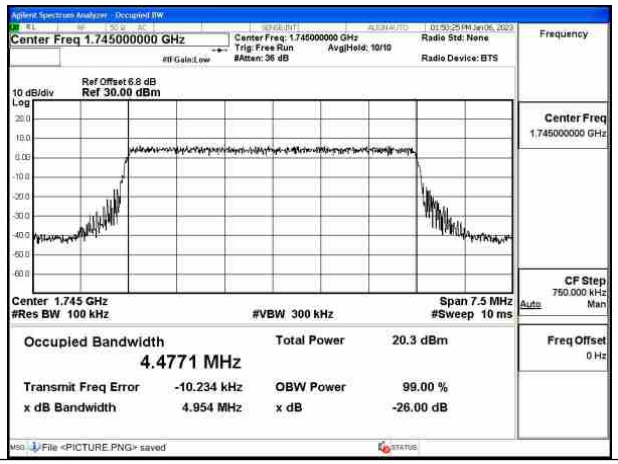


Fig.1

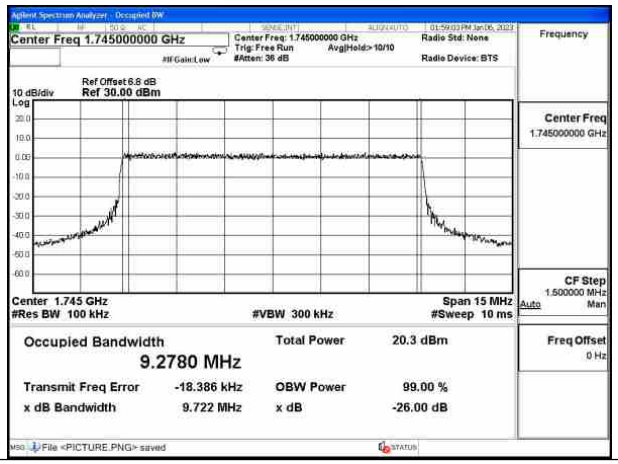


Fig.2

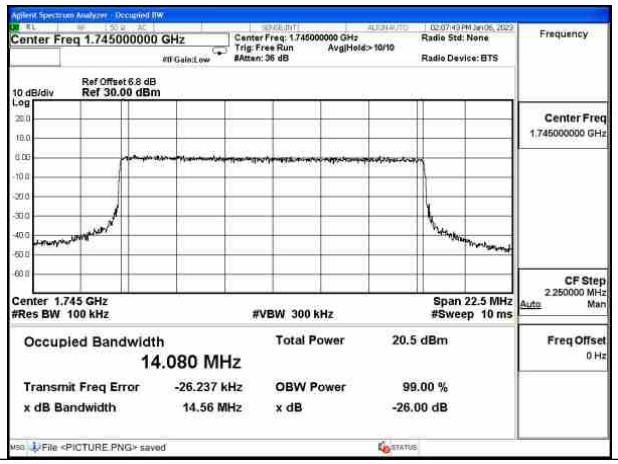


Fig.3

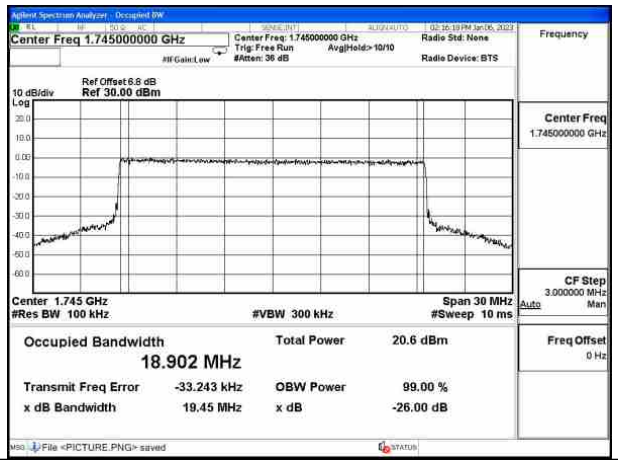


Fig.4

## 4 Peak-Average Ratio

| Modulation | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | PAR Plot |
|---|---|---|---|---|---|---|
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 50 | 25 | Fig.1 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 50 | 25 | Fig.2 |
| DFT-s-OFDM 16QAM | 1720 | 344000 | 20 | 50 | 25 | Fig.3 |
| DFT-s-OFDM 64QAM | 1720 | 344000 | 20 | 50 | 25 | Fig.4 |
| DFT-s-OFDM 256QAM | 1720 | 344000 | 20 | 50 | 25 | Fig.5 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 20 | 50 | 25 | Fig.6 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 20 | 50 | 25 | Fig.7 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 20 | 50 | 25 | Fig.8 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 20 | 50 | 25 | Fig.9 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 20 | 50 | 25 | Fig.10 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 50 | 25 | Fig.11 |
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 50 | 25 | Fig.12 |
| DFT-s-OFDM 16QAM | 1770 | 354000 | 20 | 50 | 25 | Fig.13 |
| DFT-s-OFDM 64QAM | 1770 | 354000 | 20 | 50 | 25 | Fig.14 |
| DFT-s-OFDM 256QAM | 1770 | 354000 | 20 | 50 | 25 | Fig.15 |

Test Plot:

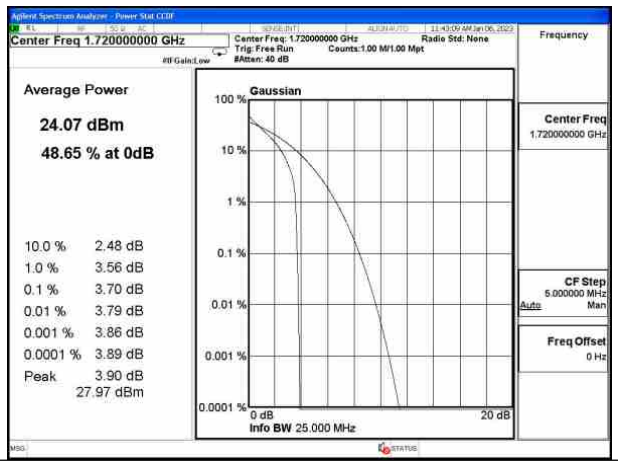


Fig.1

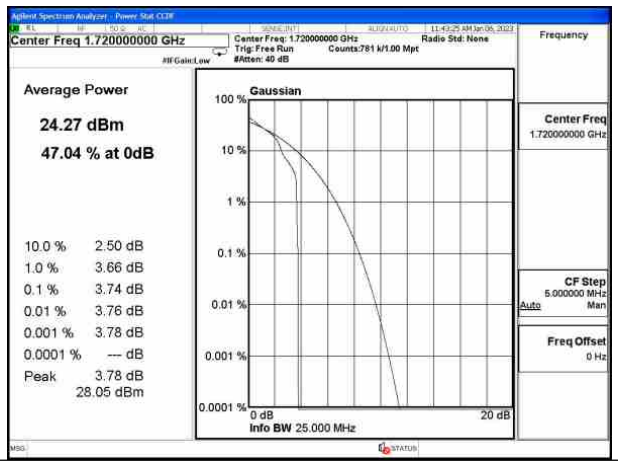


Fig.2

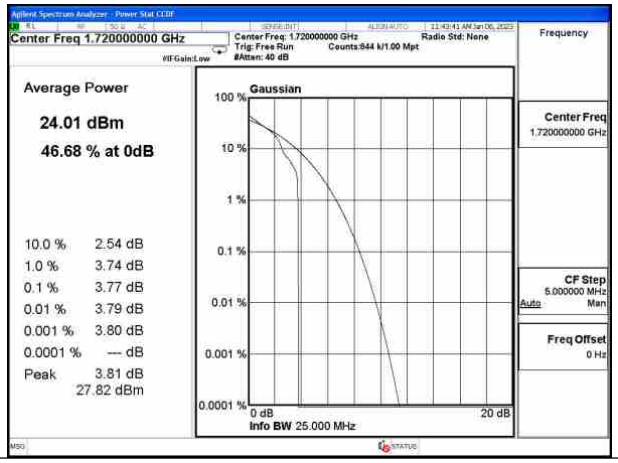


Fig.3

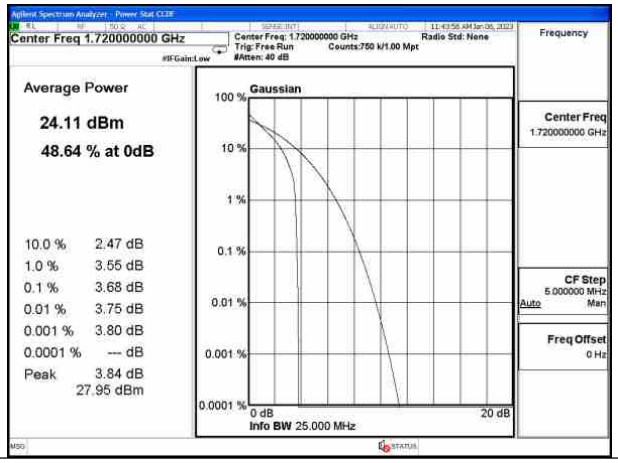


Fig.4

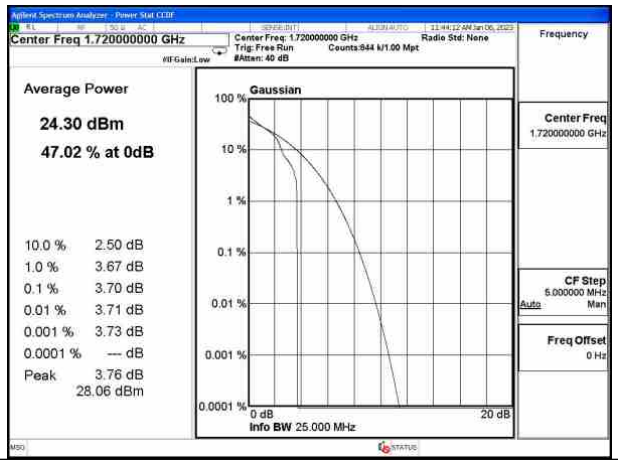


Fig.5

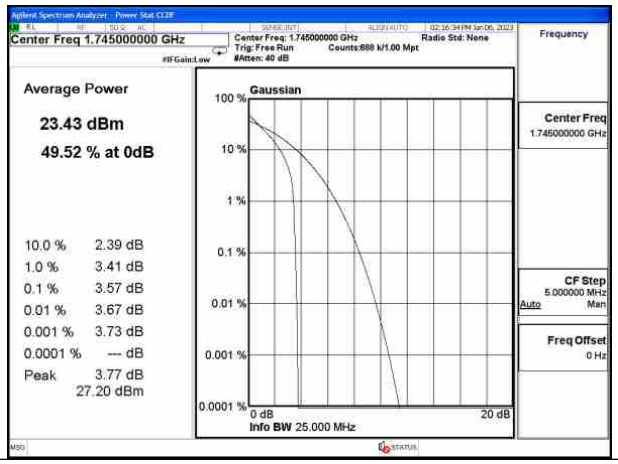


Fig.6

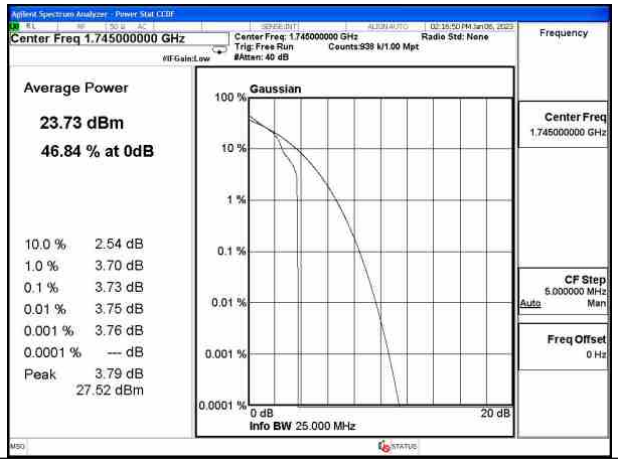


Fig.7

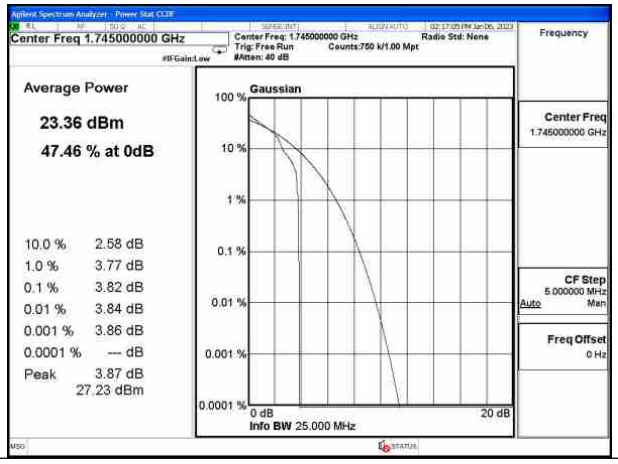


Fig.8

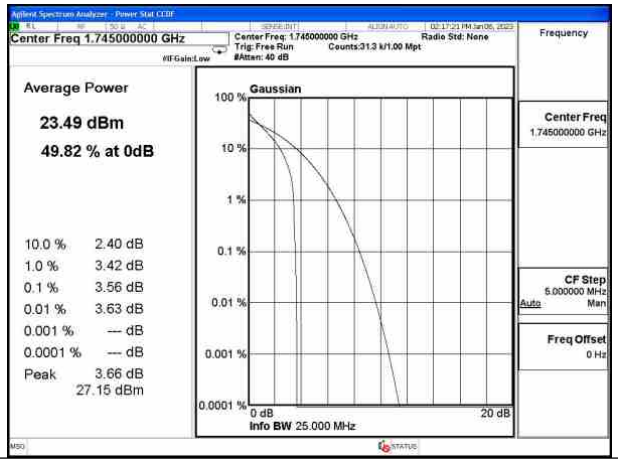


Fig.9

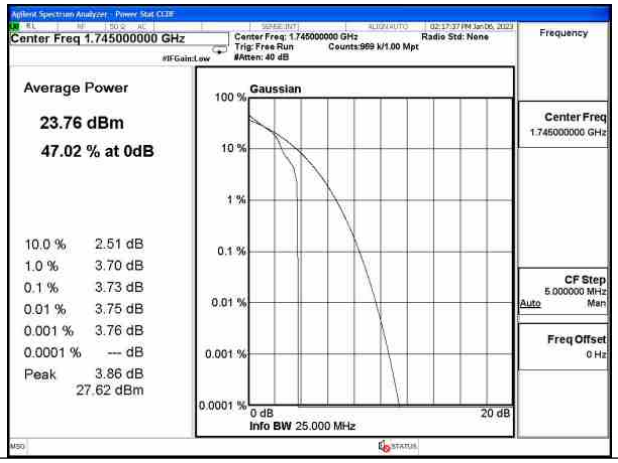


Fig.10

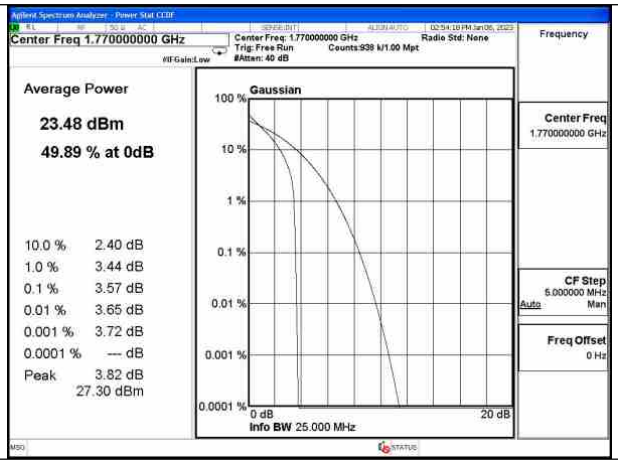


Fig.11

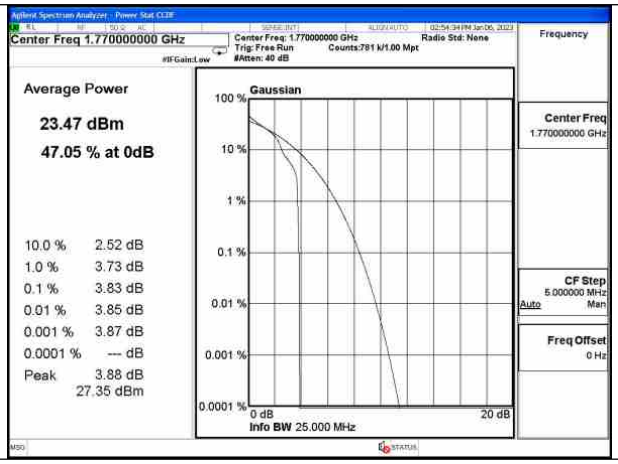


Fig.12

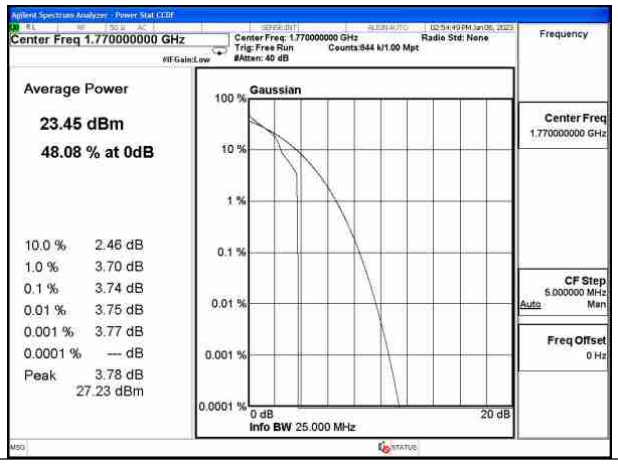


Fig.13

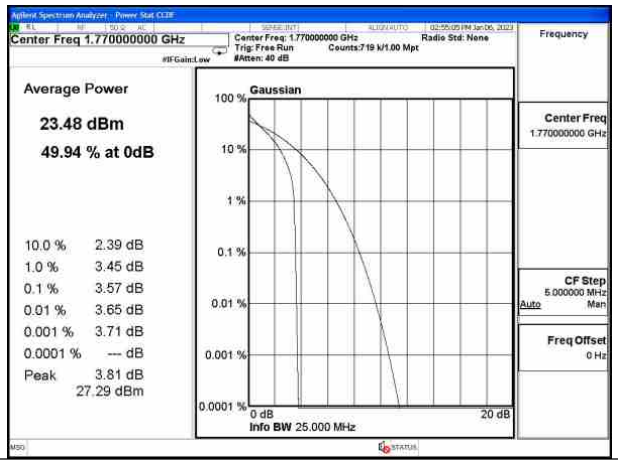


Fig.14

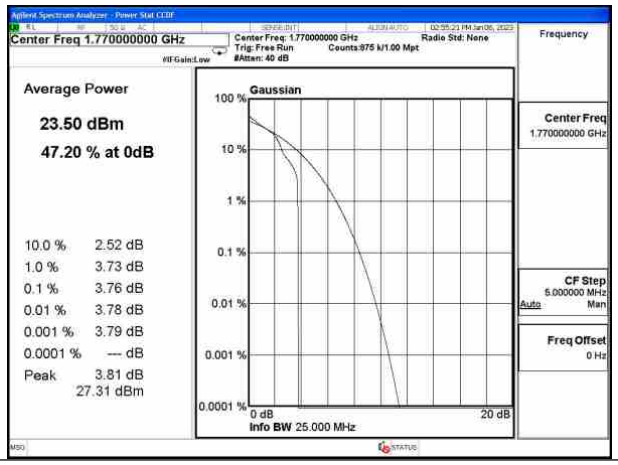


Fig.15

## 5 Spurious Emissions at antenna terminal

| Modulation | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted Spurious Plot | |
|---|---|---|---|---|---|---|---|
| | | | | | | 30M~1G | 1G~20G |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 25 | 0 | Fig.1 | Fig.2 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 0 | Fig.3 | Fig.4 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 24 | Fig.5 | Fig.6 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 25 | 0 | Fig.7 | Fig.8 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 1 | 0 | Fig.9 | Fig.10 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 1 | 24 | Fig.11 | Fig.12 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 25 | 0 | Fig.13 | Fig.14 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 0 | Fig.15 | Fig.16 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 24 | Fig.17 | Fig.18 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 52 | 0 | Fig.19 | Fig.20 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 1 | 0 | Fig.21 | Fig.22 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 1 | 51 | Fig.23 | Fig.24 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 52 | 0 | Fig.25 | Fig.26 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 1 | 0 | Fig.27 | Fig.28 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 1 | 51 | Fig.29 | Fig.30 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 52 | 0 | Fig.31 | Fig.32 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 1 | 0 | Fig.33 | Fig.34 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 1 | 51 | Fig.35 | Fig.36 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 79 | 0 | Fig.37 | Fig.38 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 0 | Fig.39 | Fig.40 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 78 | Fig.41 | Fig.42 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 79 | 0 | Fig.43 | Fig.44 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 1 | 0 | Fig.45 | Fig.46 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 1 | 78 | Fig.47 | Fig.48 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 79 | 0 | Fig.49 | Fig.50 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 0 | Fig.51 | Fig.52 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 78 | Fig.53 | Fig.54 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 106 | 0 | Fig.55 | Fig.56 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | Fig.57 | Fig.58 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 105 | Fig.59 | Fig.60 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 106 | 0 | Fig.61 | Fig.62 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 1 | 0 | Fig.63 | Fig.64 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 1 | 105 | Fig.65 | Fig.66 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 106 | 0 | Fig.67 | Fig.68 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | Fig.69 | Fig.70 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 105 | Fig.71 | Fig.72 |

Test Plot:

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

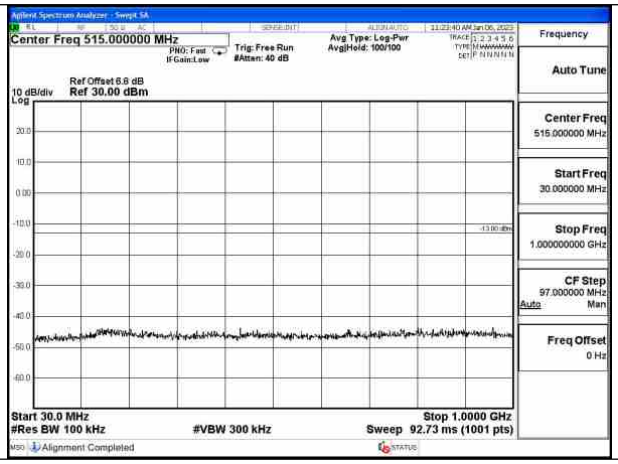


Fig.1

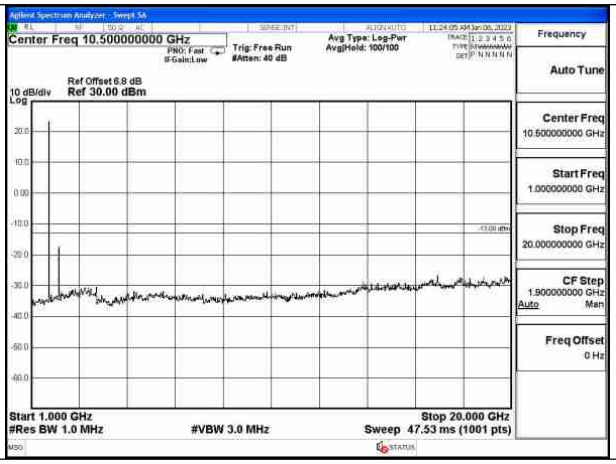


Fig.2

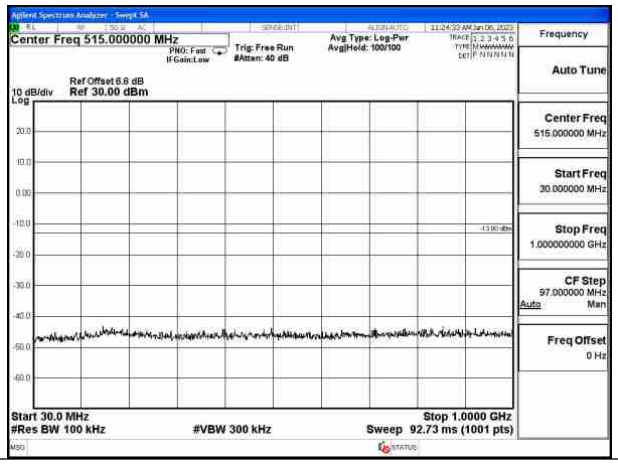


Fig.3

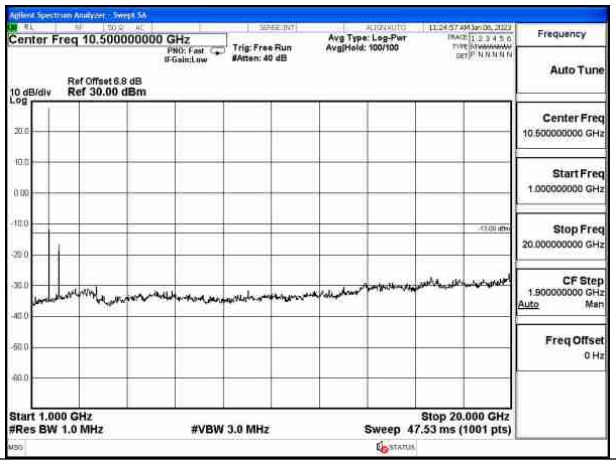


Fig.4

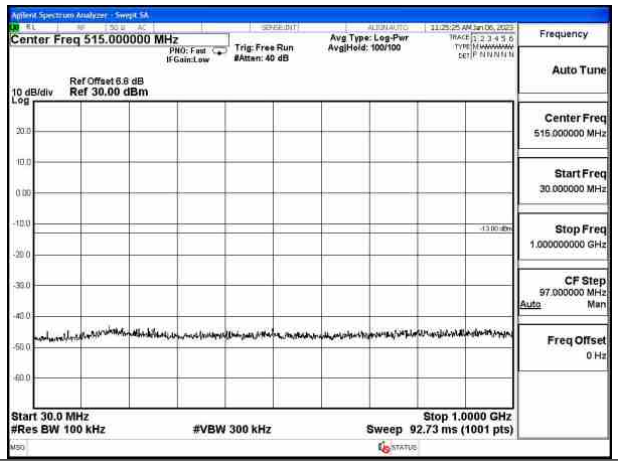


Fig.5

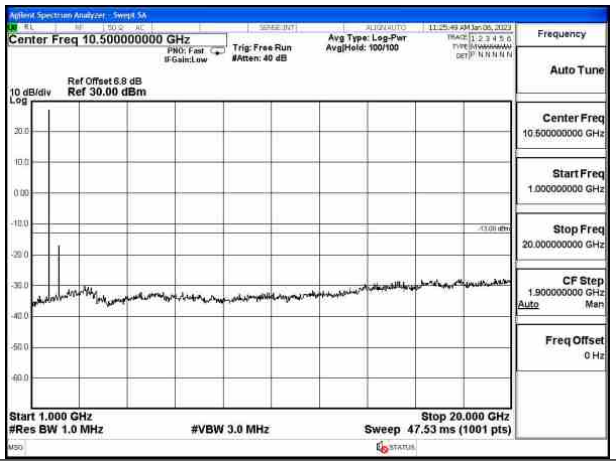


Fig.6

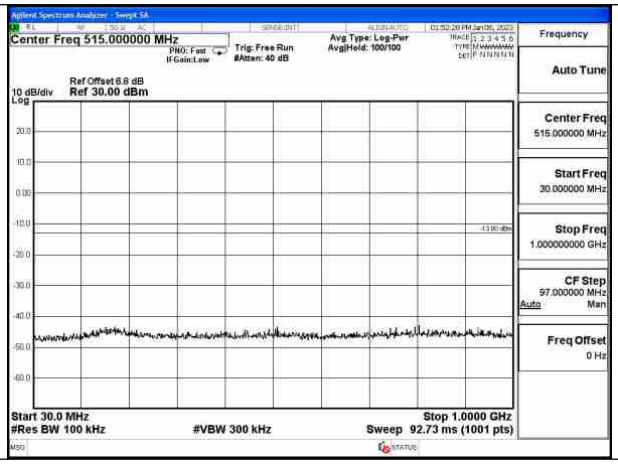


Fig.7

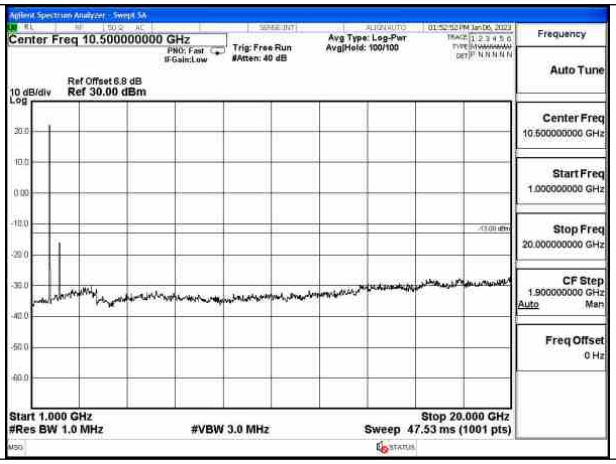


Fig.8

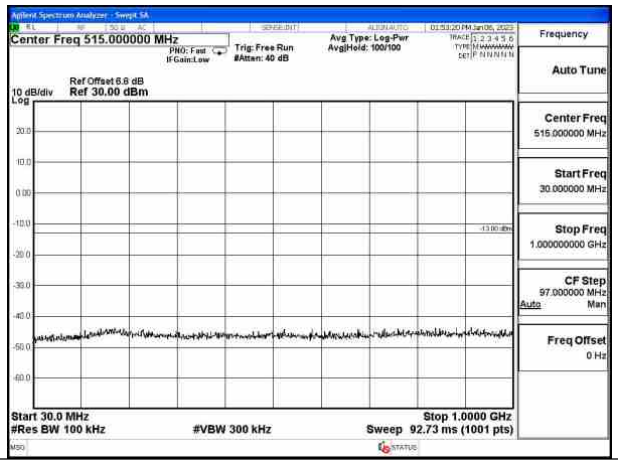


Fig.9

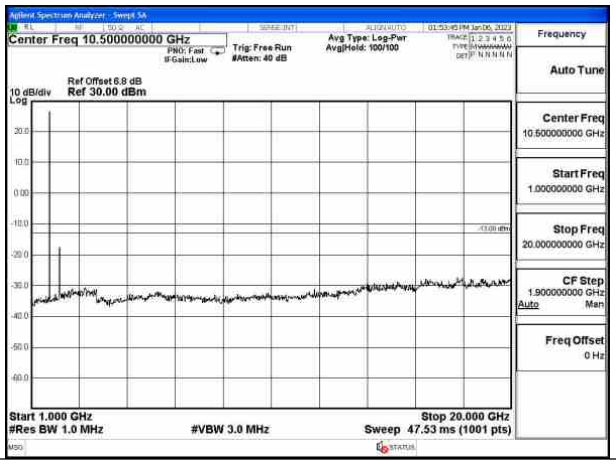


Fig.10

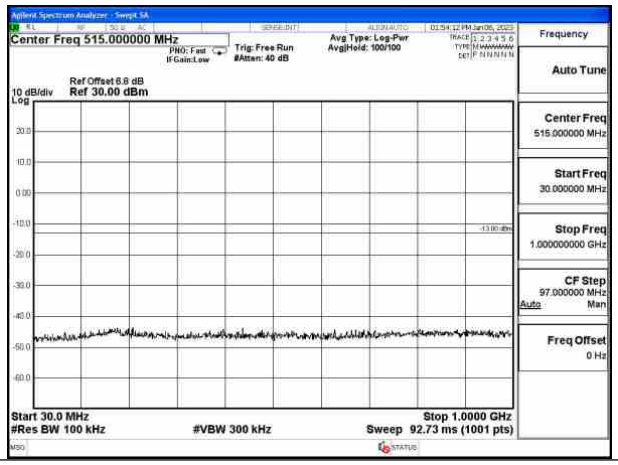


Fig.11

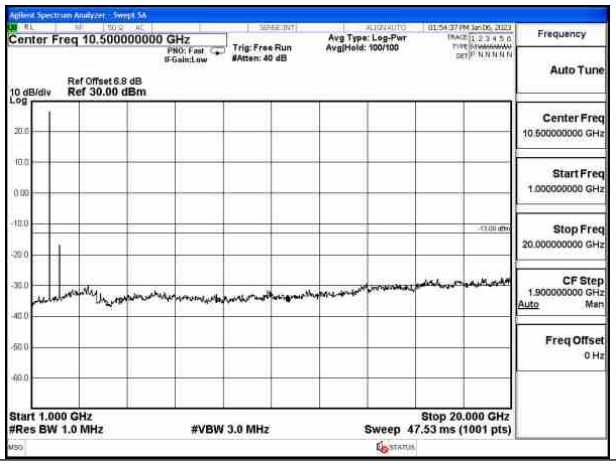


Fig.12

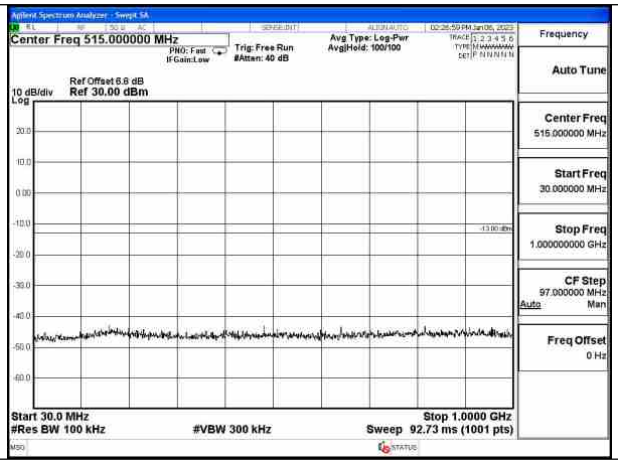


Fig.13

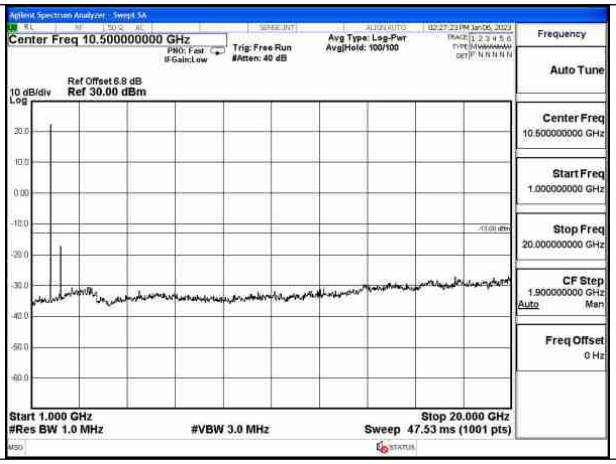


Fig.14

Fig.15

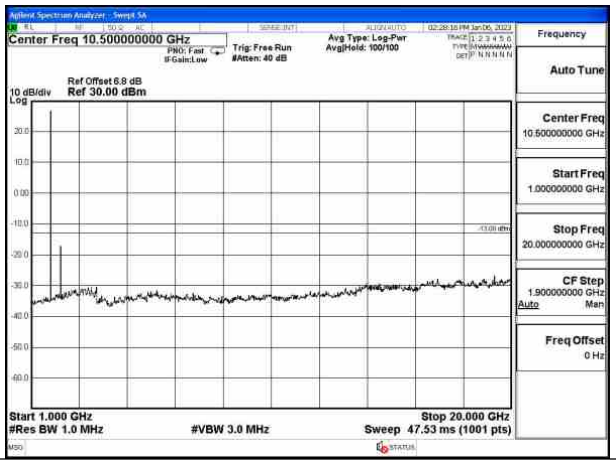


Fig.16

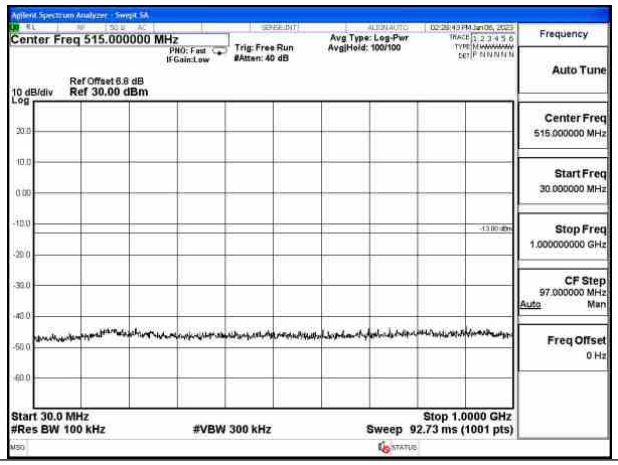


Fig.17

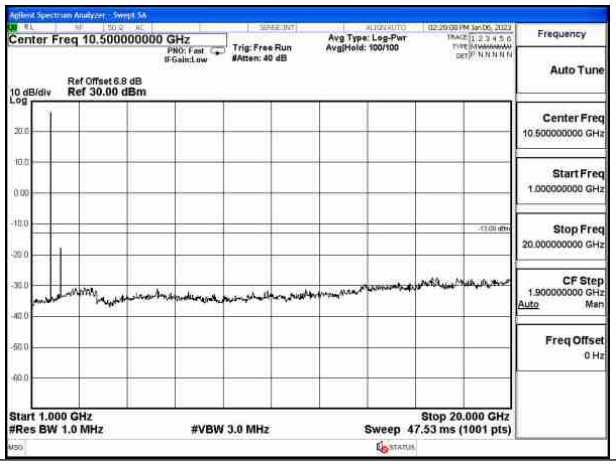


Fig.18

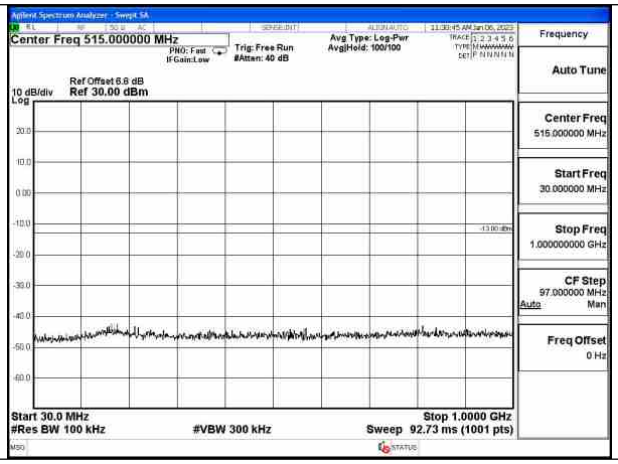


Fig.19

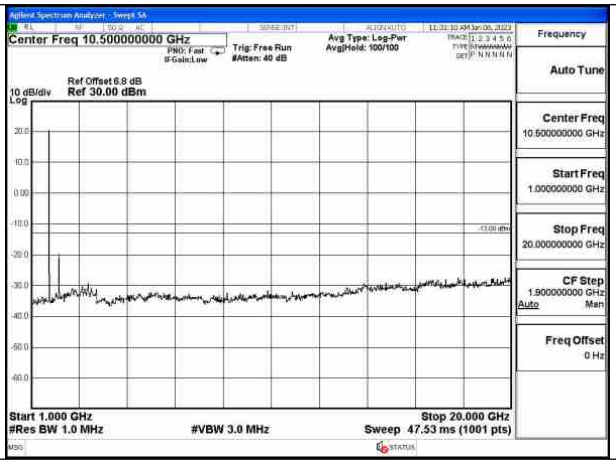


Fig.20

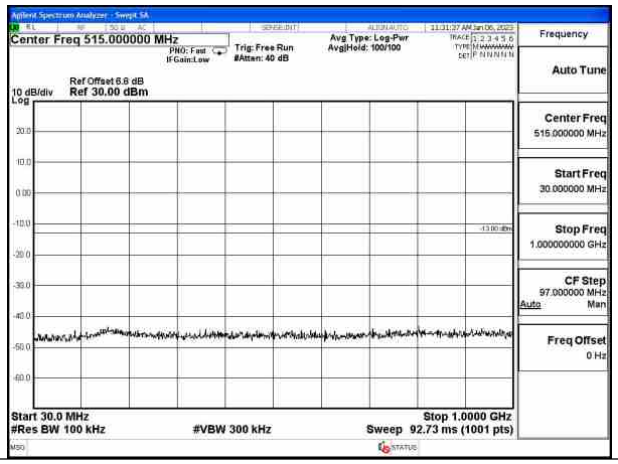


Fig.21

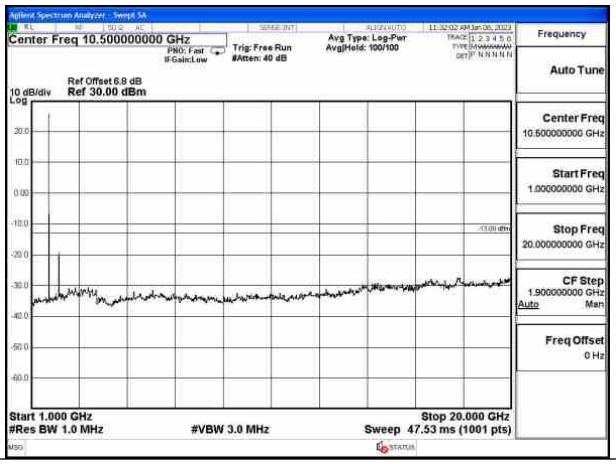


Fig.22

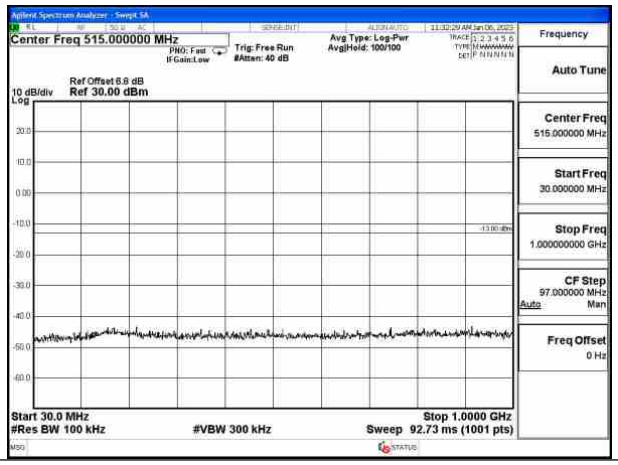


Fig.23

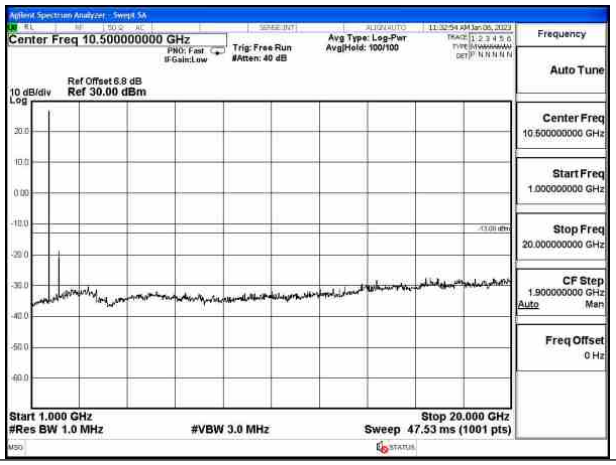


Fig.24

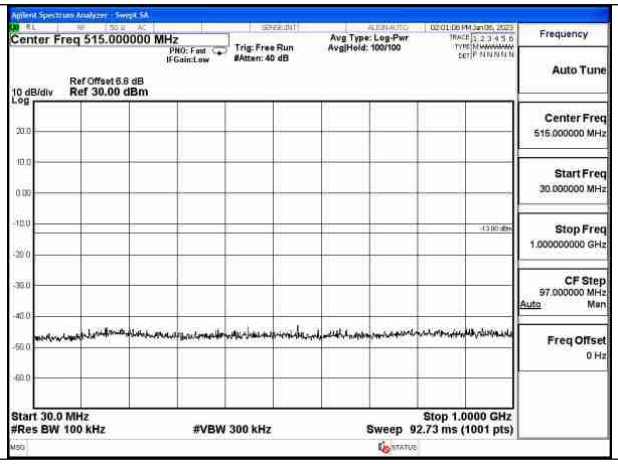


Fig.25

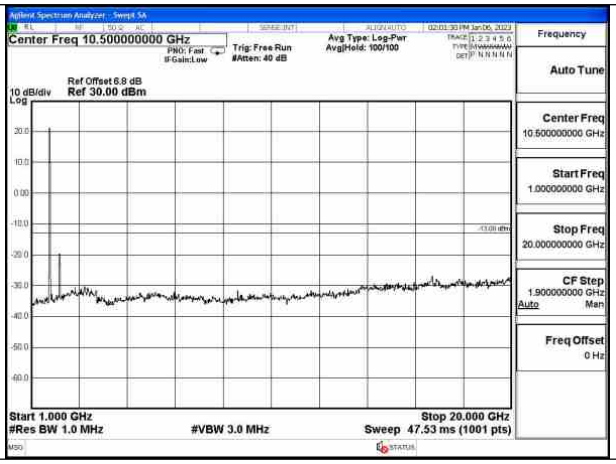


Fig.26

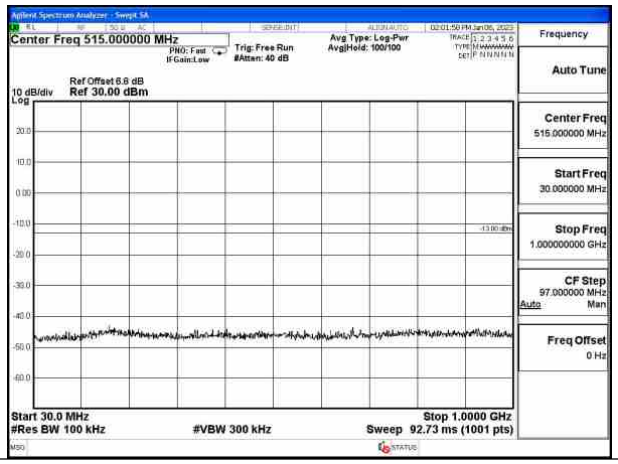


Fig.27

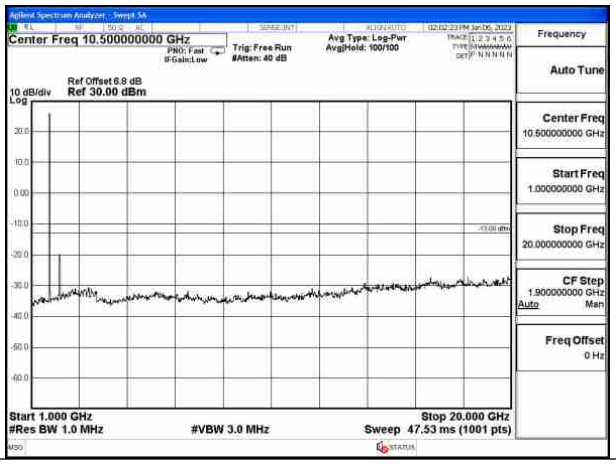


Fig.28

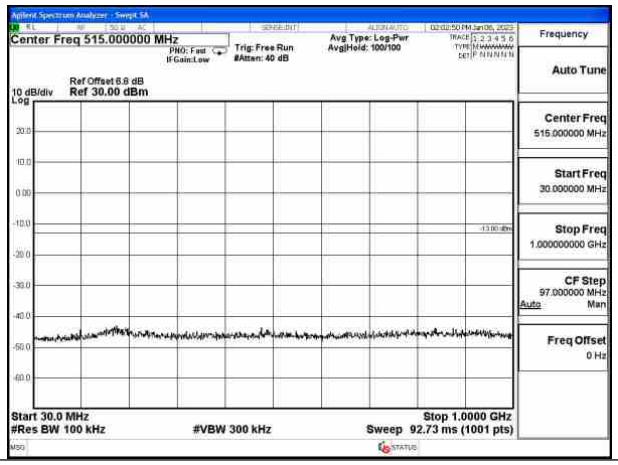


Fig.29

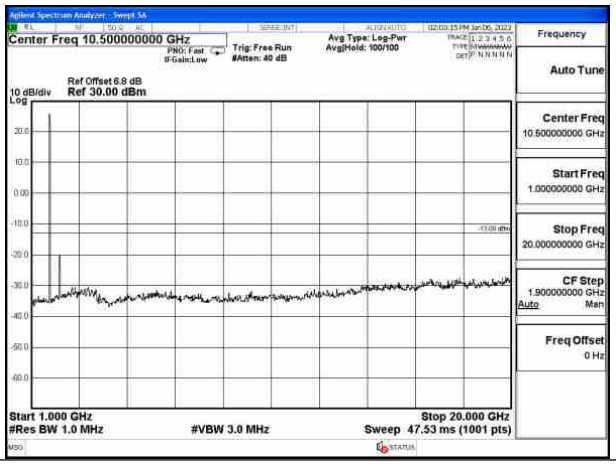


Fig.30

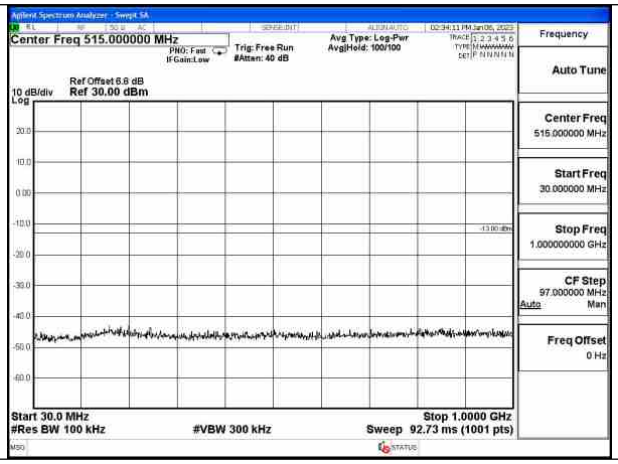


Fig.31

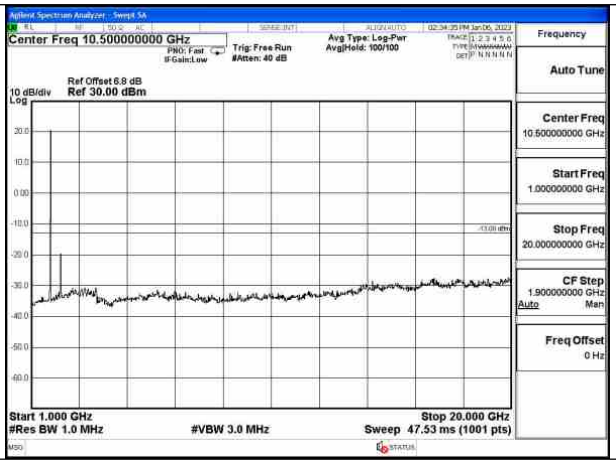


Fig.32

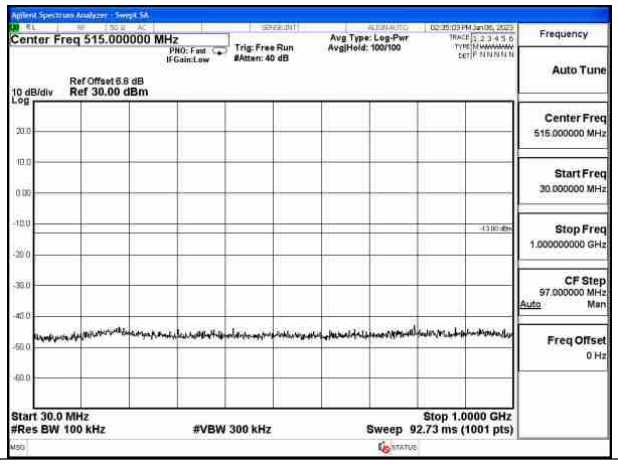


Fig.33

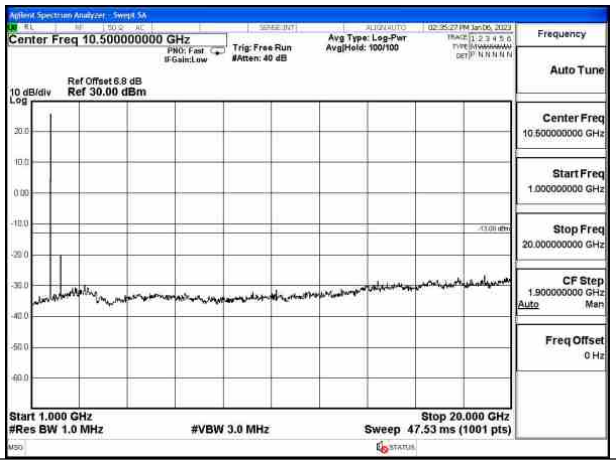


Fig.34

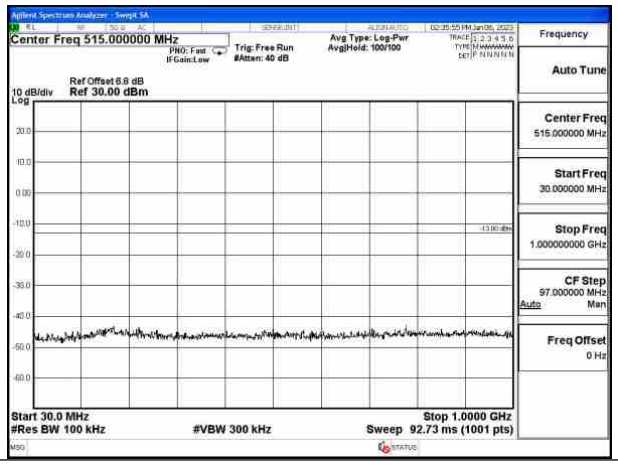


Fig.35

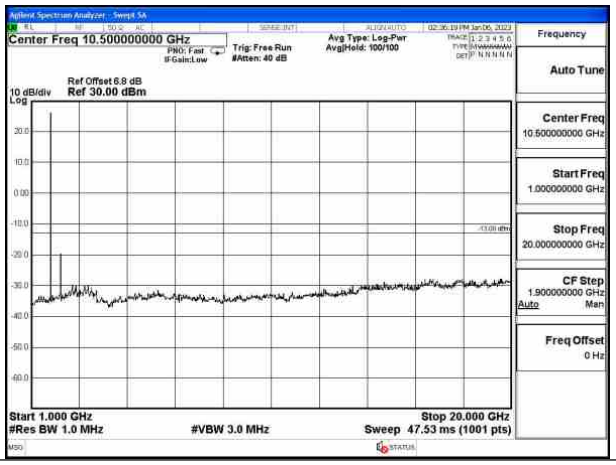


Fig.36

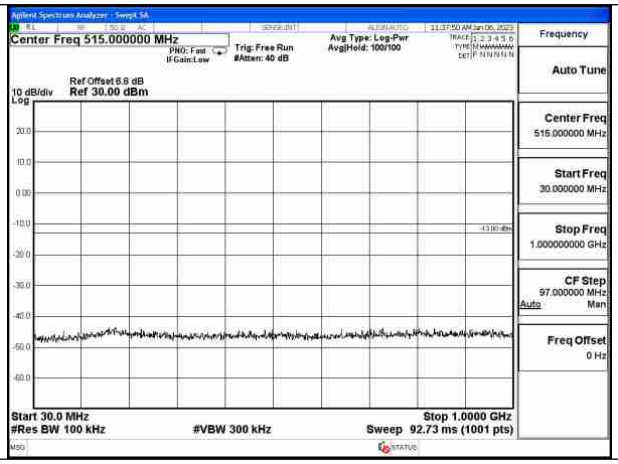


Fig.37

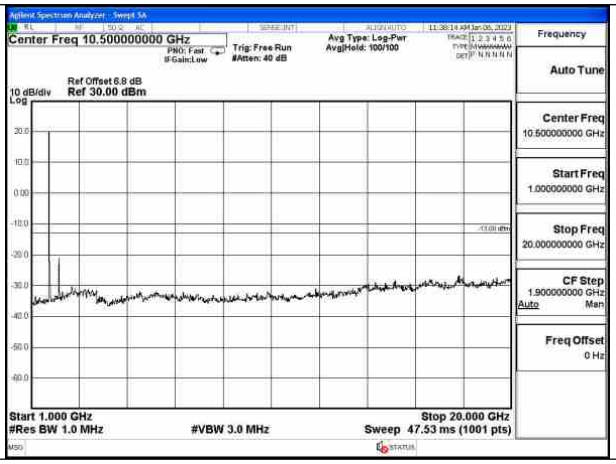


Fig.38

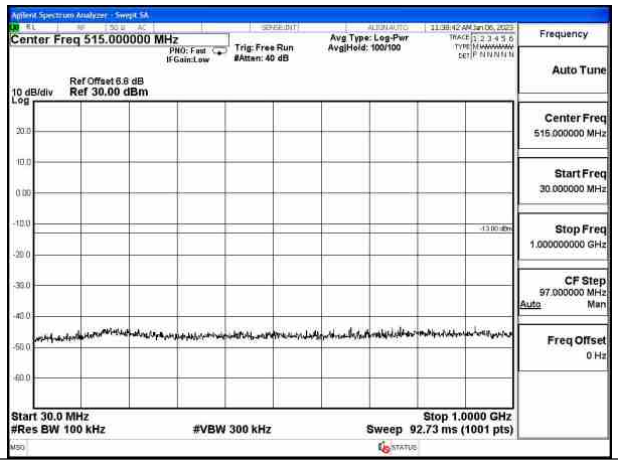


Fig.39

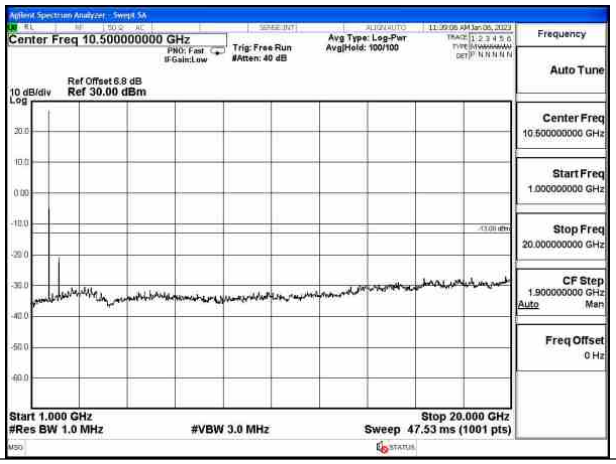


Fig.40

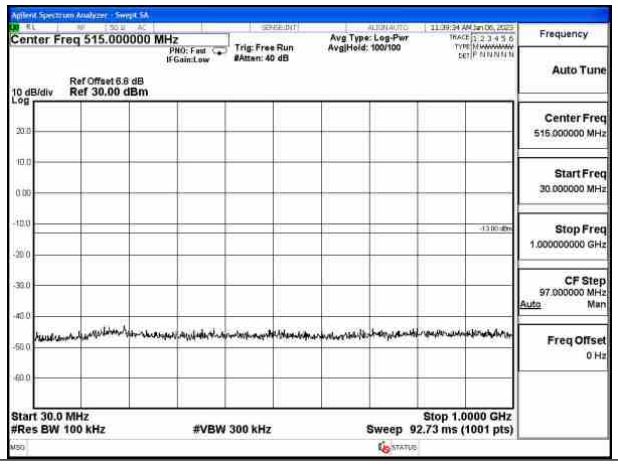


Fig.41

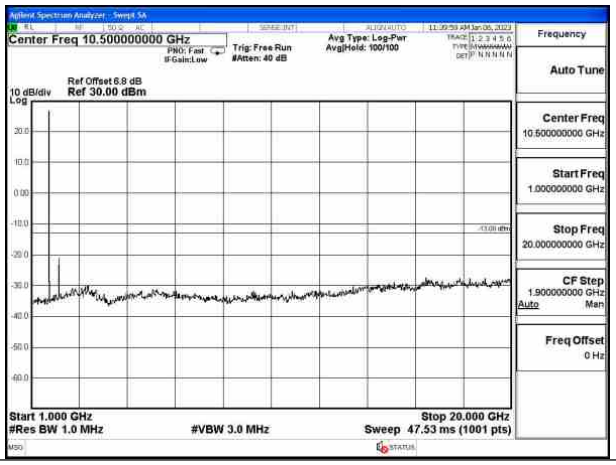


Fig.42

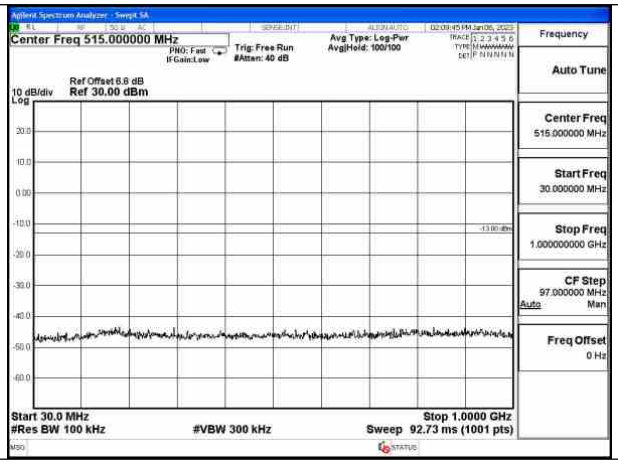


Fig.43

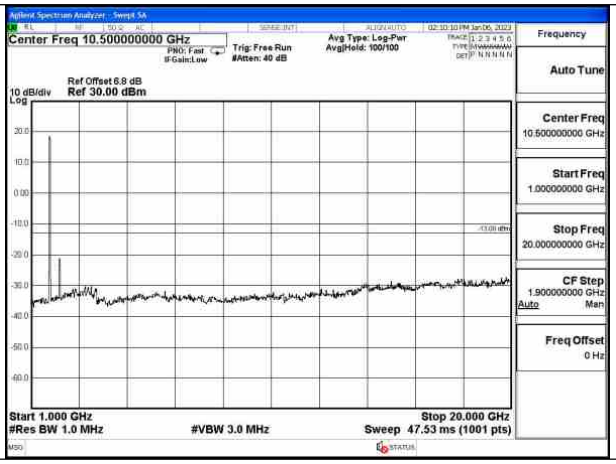


Fig.44

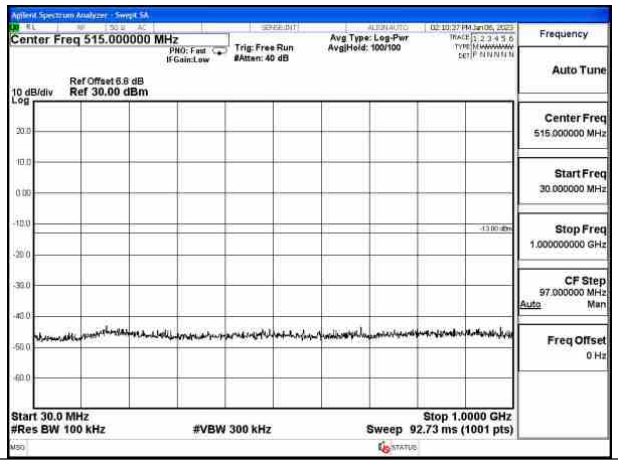


Fig.45

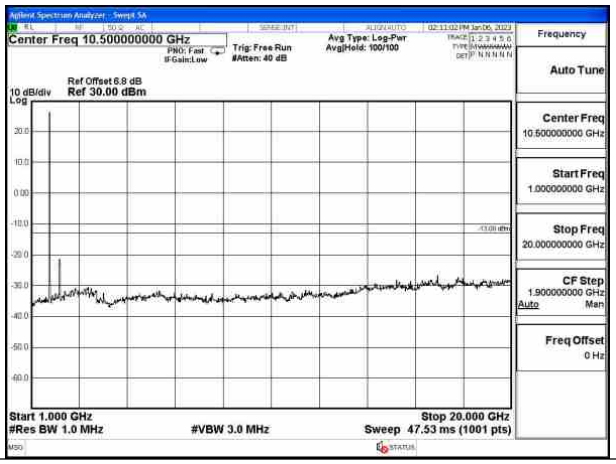


Fig.46

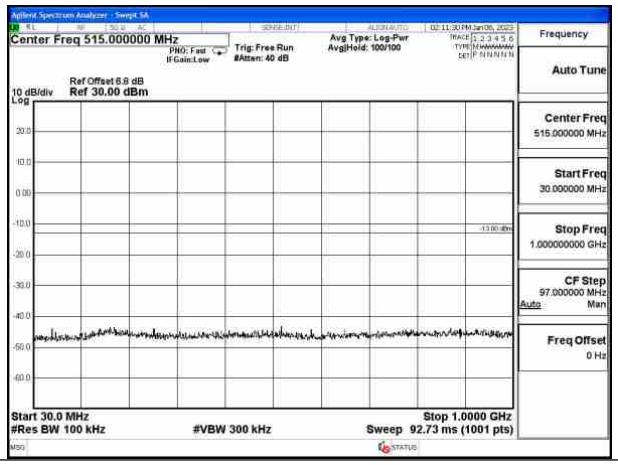


Fig.47

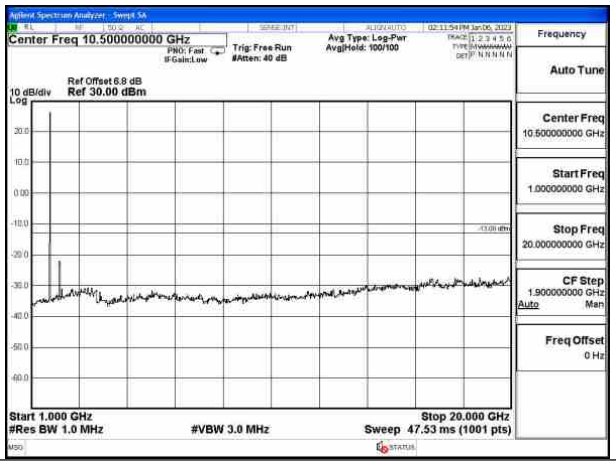


Fig.48

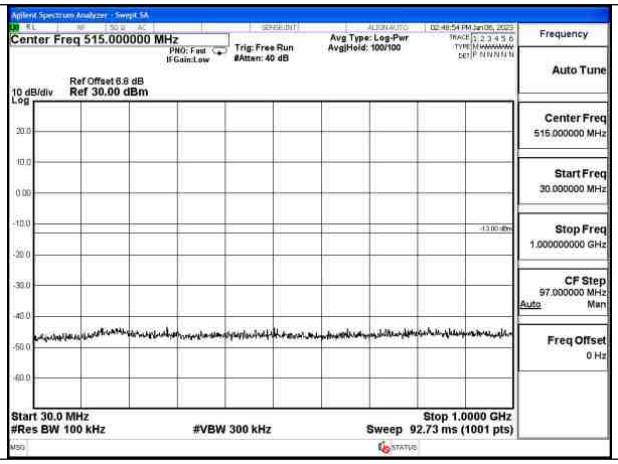


Fig.49

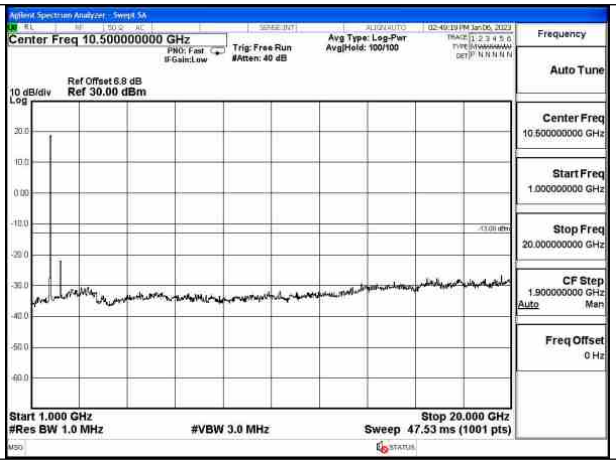


Fig.50

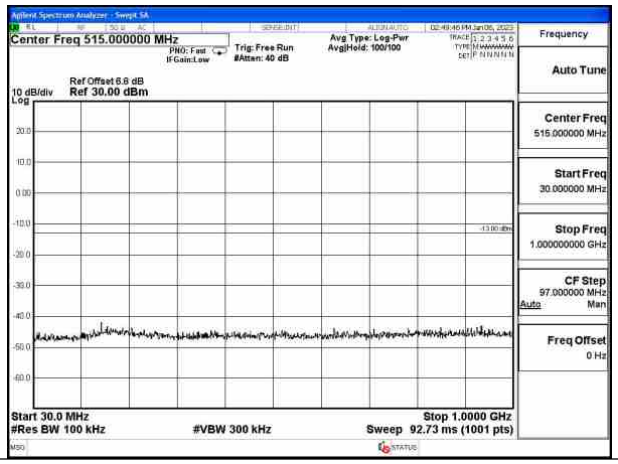


Fig.51

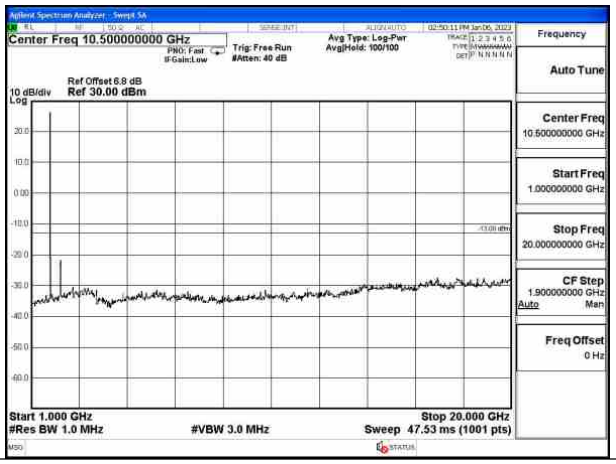


Fig.52

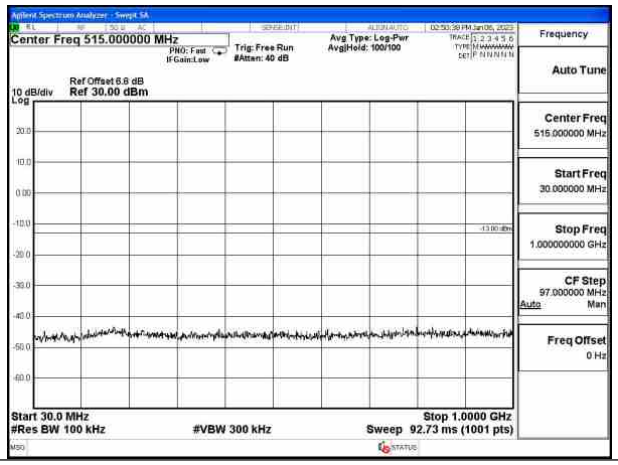


Fig.53

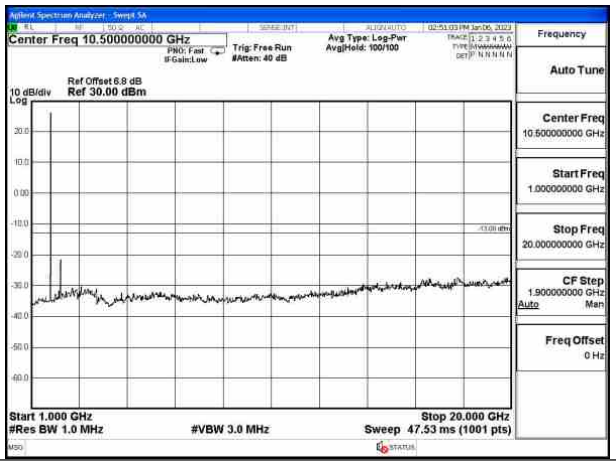


Fig.54

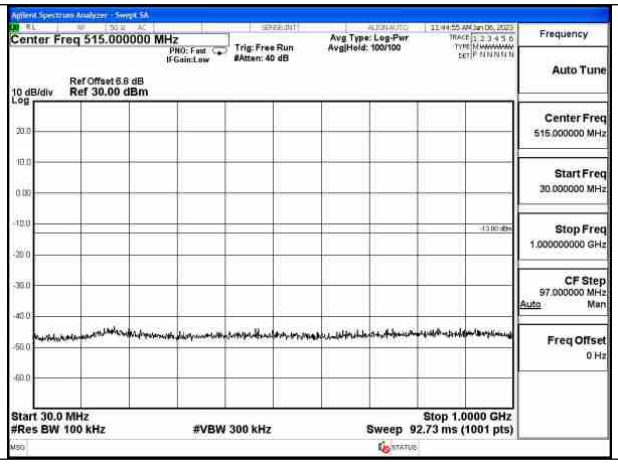


Fig.55

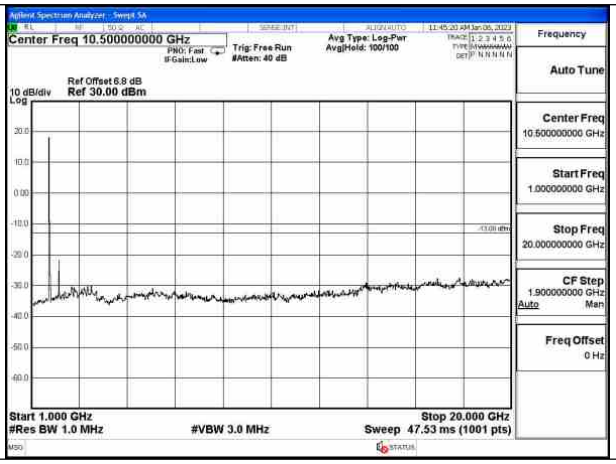


Fig.56

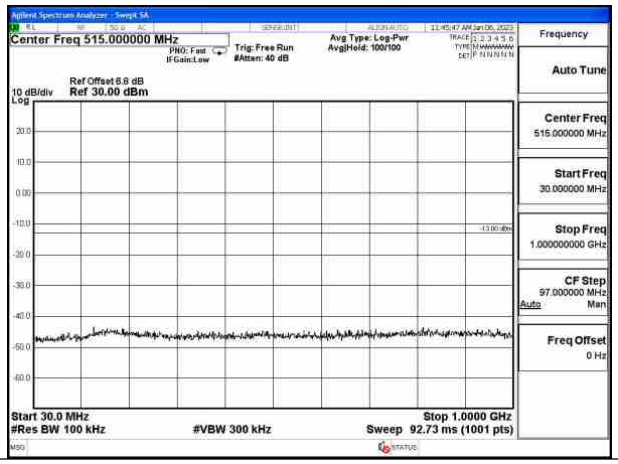


Fig.57

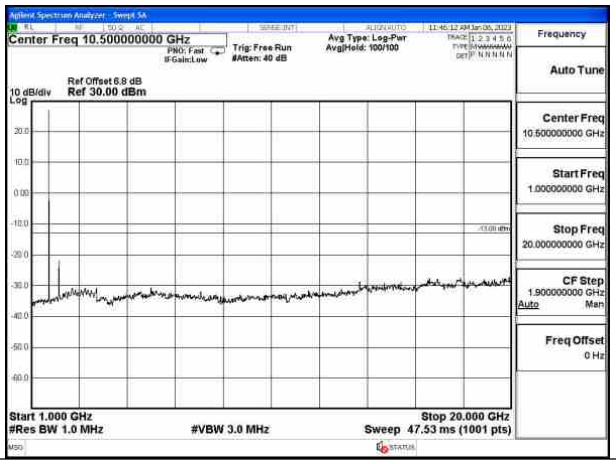


Fig.58

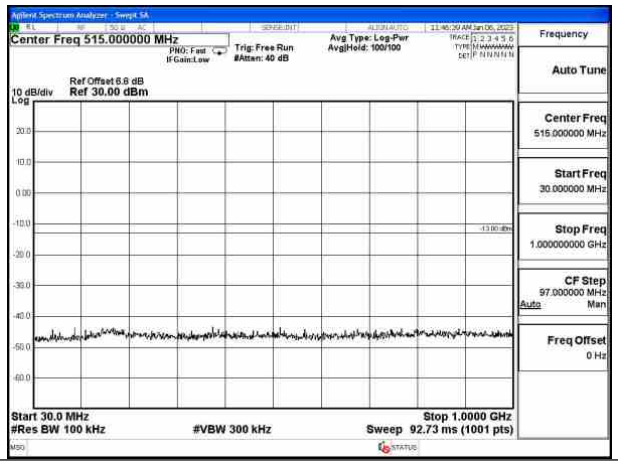


Fig.59

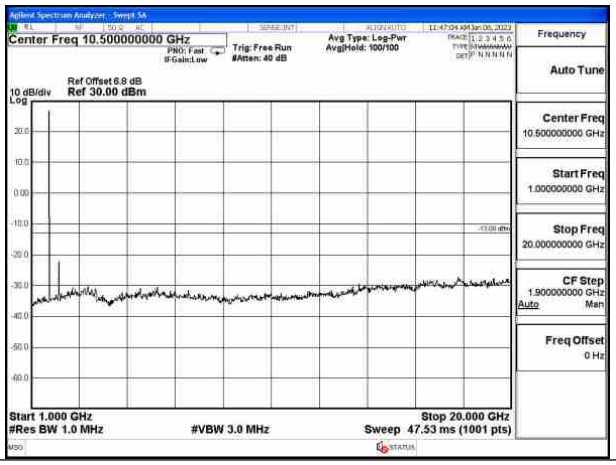


Fig.60

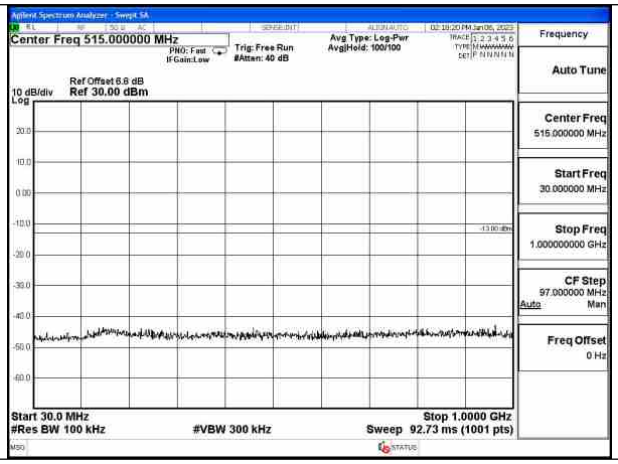


Fig.61

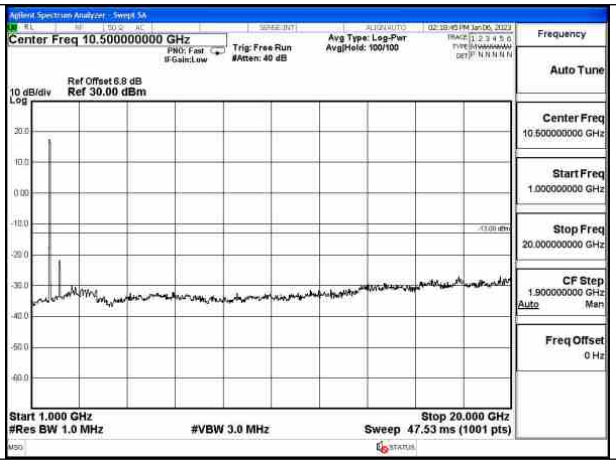


Fig.62

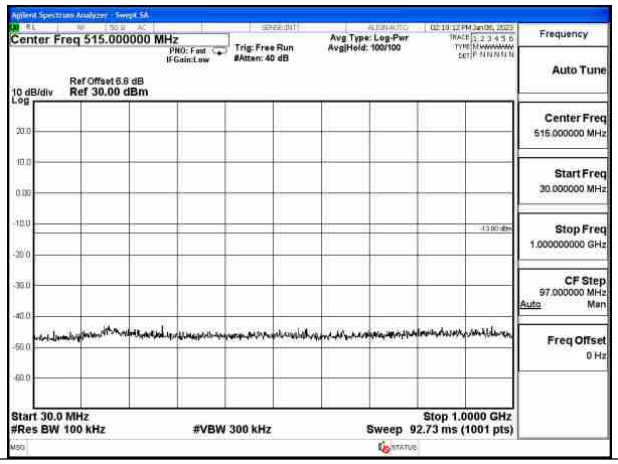


Fig.63

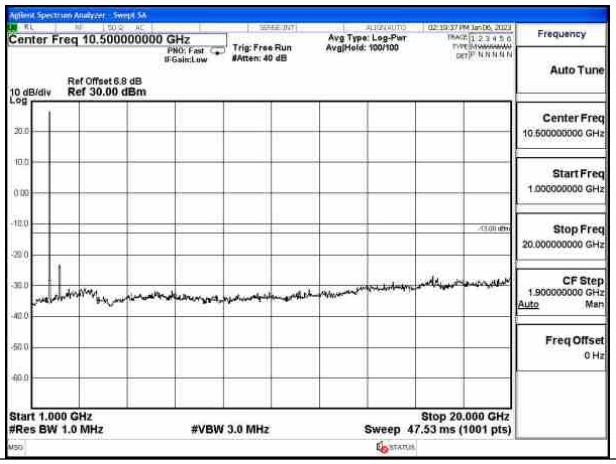


Fig.64

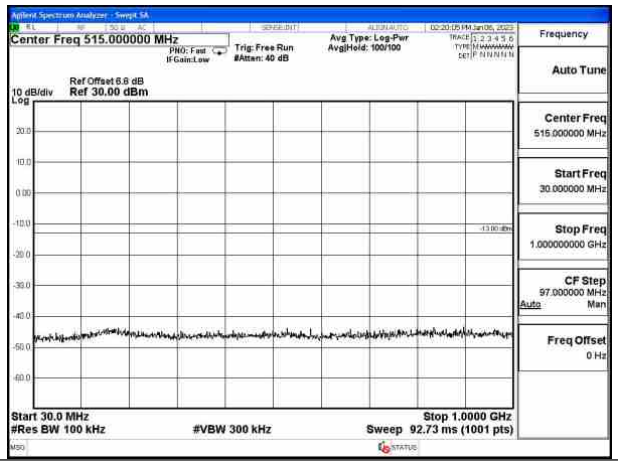


Fig.65

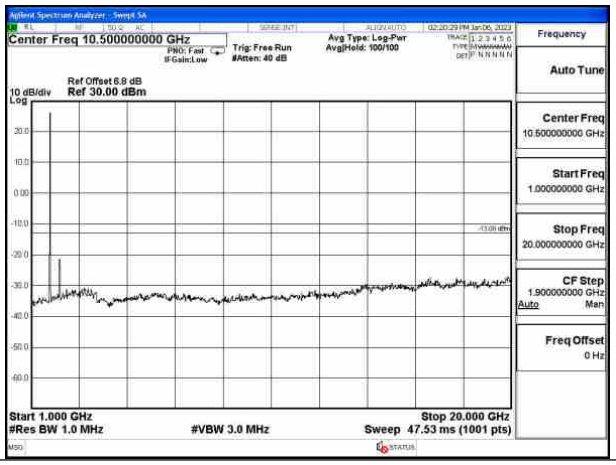


Fig.66

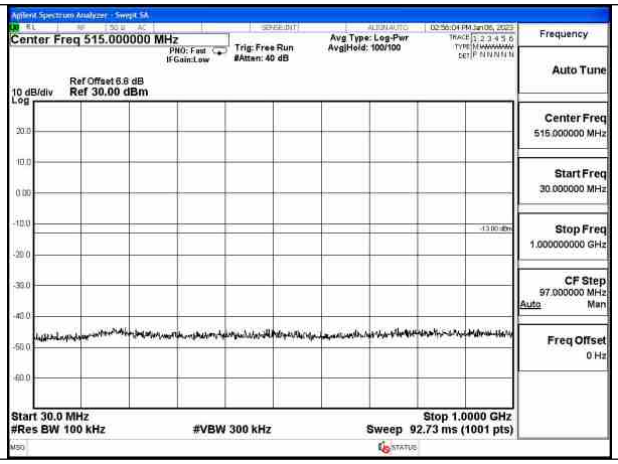


Fig.67

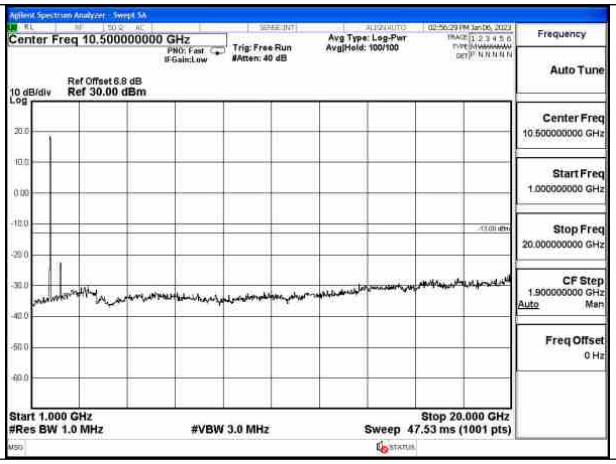


Fig.68

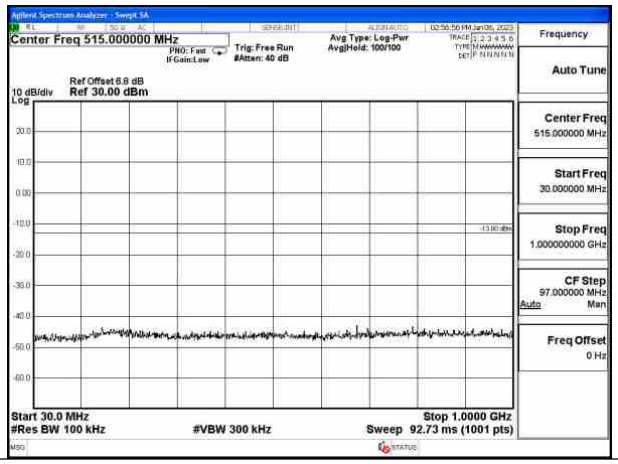


Fig.69

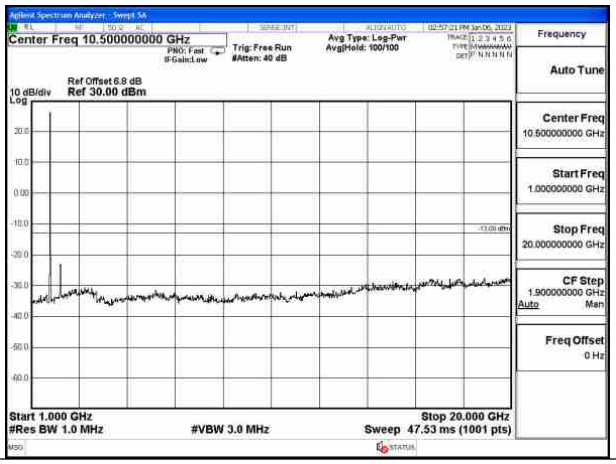


Fig.70

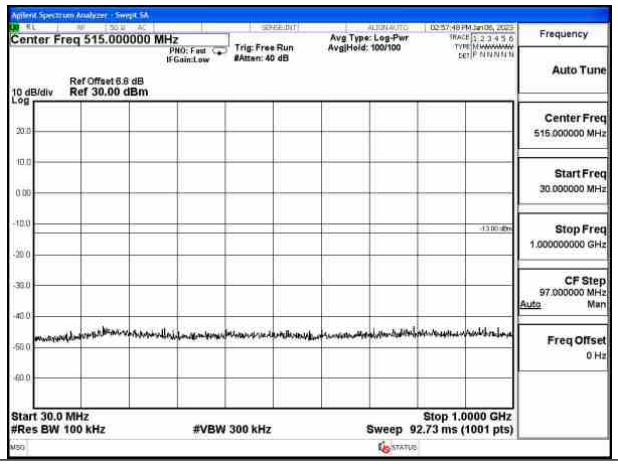


Fig.71

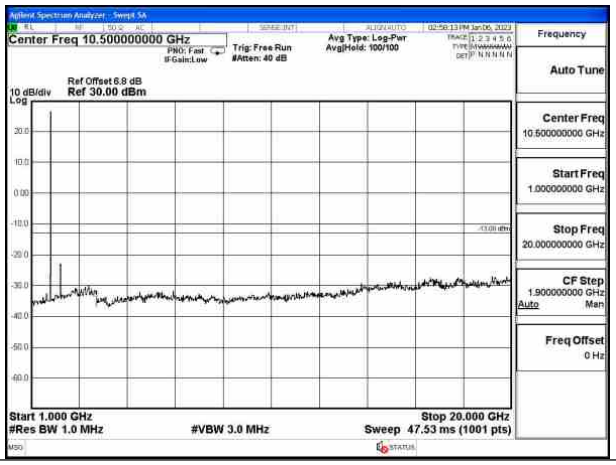


Fig.72

## 6 Band Edges Compliance

| Modulation | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Band Edges Plot |
|---|---|---|---|---|---|---|
| DFT-s-OFDM PI/2 BPSK | 1712.5 | 342500 | 5 | 12 | 6 | Fig.1 |
| DFT-s-OFDM PI/2 BPSK | 1712.5 | 342500 | 5 | 1 | 1 | Fig.2 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 12 | 6 | Fig.3 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 1 | Fig.4 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 12 | 6 | Fig.5 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 1 | 23 | Fig.6 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 12 | 6 | Fig.7 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 23 | Fig.8 |
| DFT-s-OFDM PI/2 BPSK | 1715 | 343000 | 10 | 25 | 12 | Fig.9 |
| DFT-s-OFDM PI/2 BPSK | 1715 | 343000 | 10 | 1 | 1 | Fig.10 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 25 | 12 | Fig.11 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 1 | 1 | Fig.12 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 25 | 12 | Fig.13 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 1 | 50 | Fig.14 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 25 | 12 | Fig.15 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 1 | 50 | Fig.16 |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | 343500 | 15 | 36 | 18 | Fig.17 |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | 343500 | 15 | 1 | 1 | Fig.18 |
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 36 | 18 | Fig.19 |
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 1 | Fig.20 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 36 | 18 | Fig.21 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 1 | 77 | Fig.22 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 36 | 18 | Fig.23 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 77 | Fig.24 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 50 | 25 | Fig.25 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 1 | Fig.26 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 50 | 25 | Fig.27 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 1 | 1 | Fig.28 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 50 | 25 | Fig.29 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 104 | Fig.30 |
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 50 | 25 | Fig.31 |
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 1 | 104 | Fig.32 |

Test Plot:

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

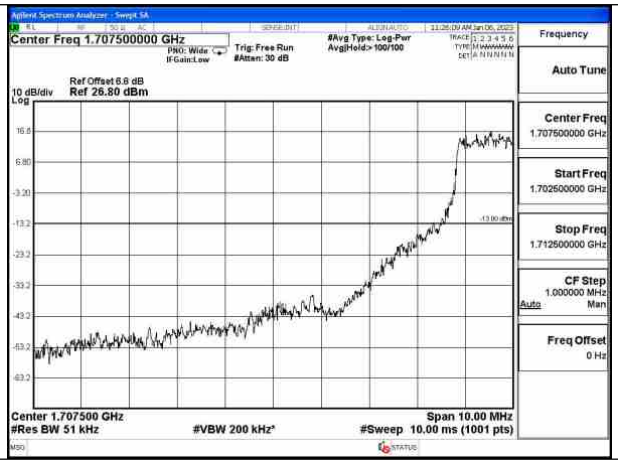


Fig.1

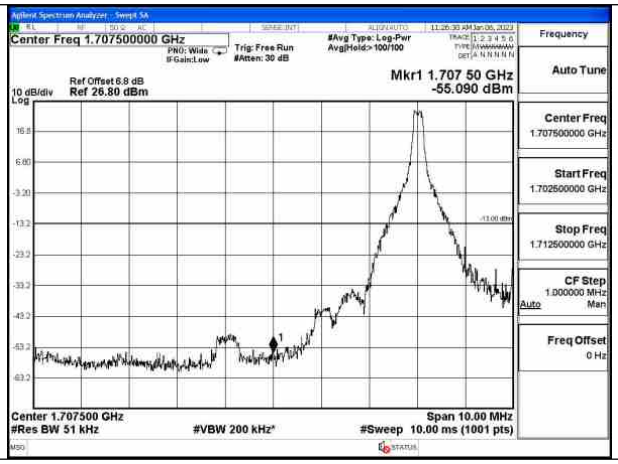


Fig.2

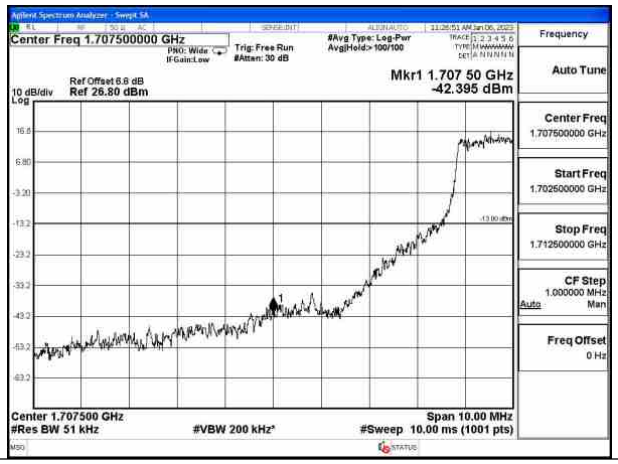


Fig.3

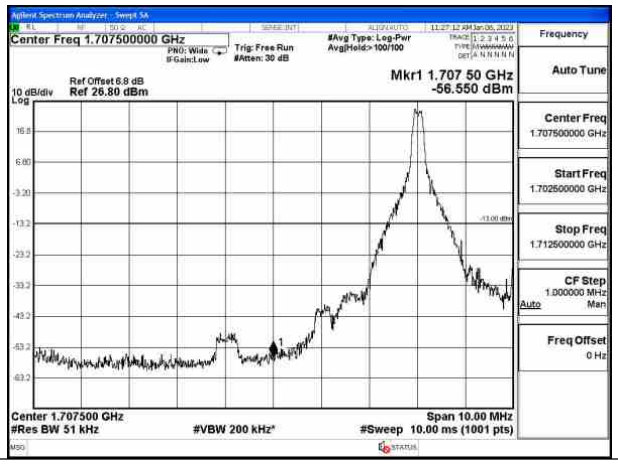


Fig.4

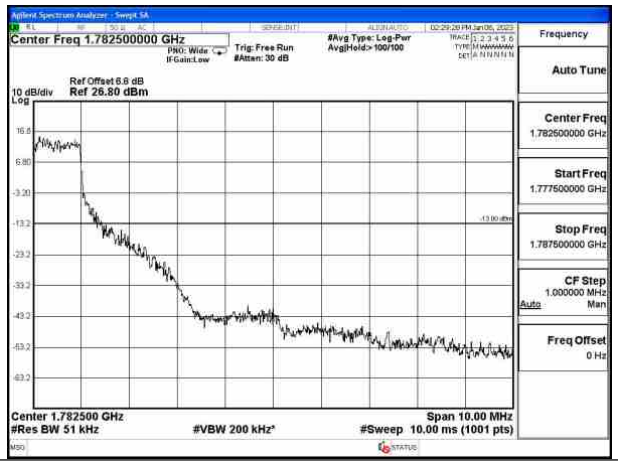


Fig.5

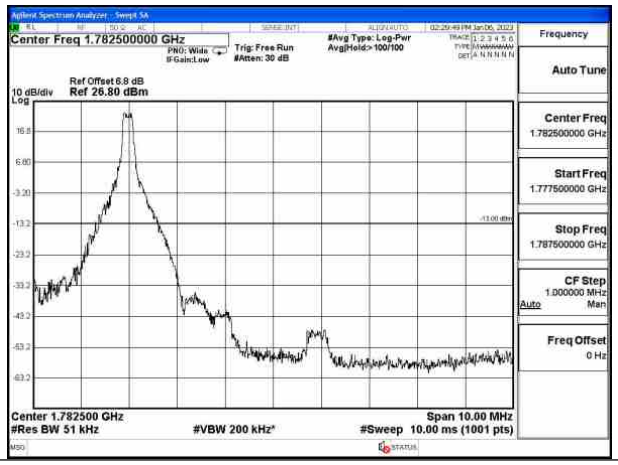


Fig.6

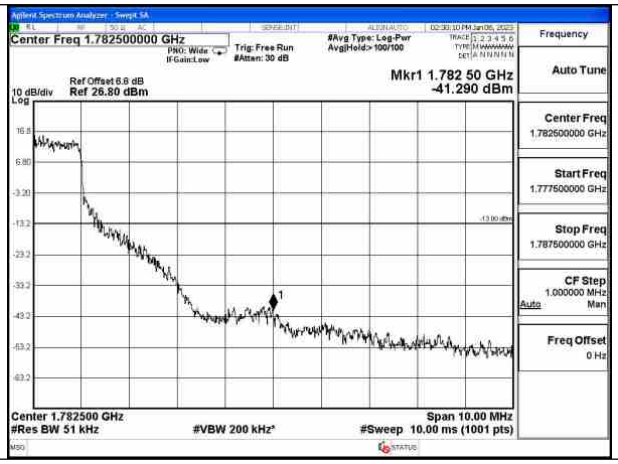


Fig.7

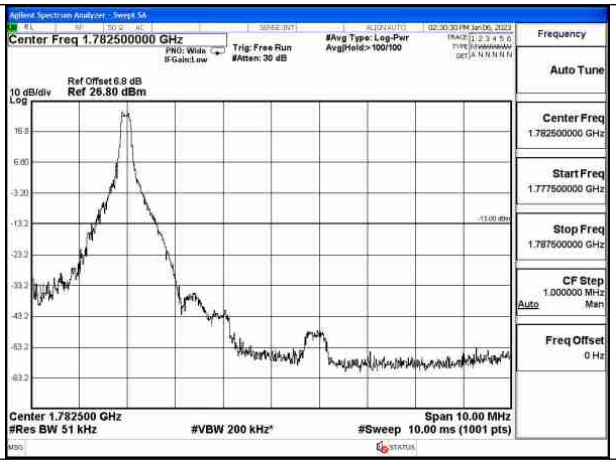


Fig.8

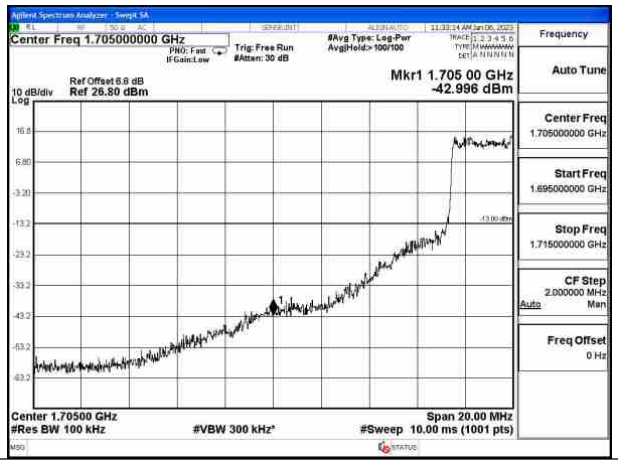


Fig.9

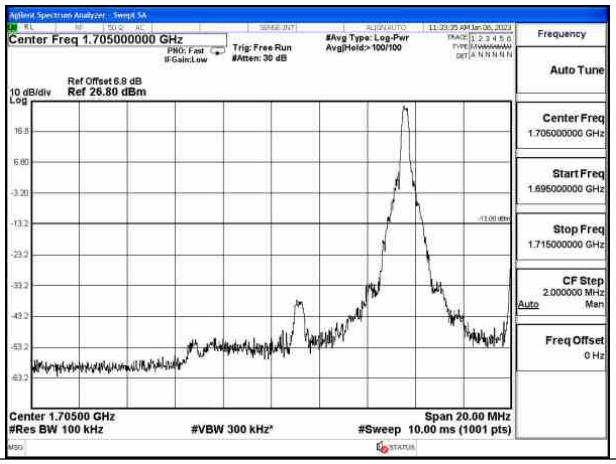


Fig.10

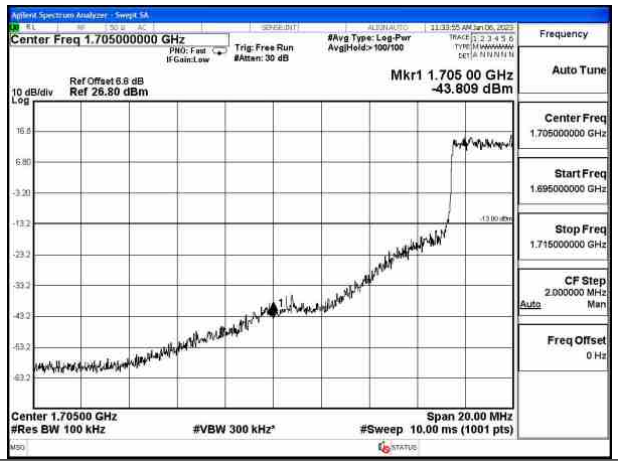


Fig.11

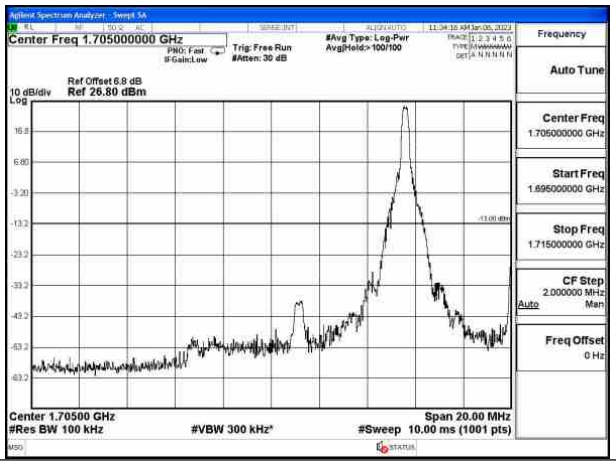


Fig.12

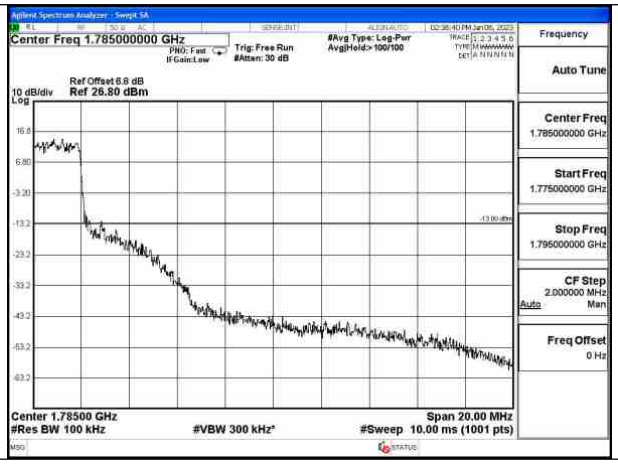


Fig.13

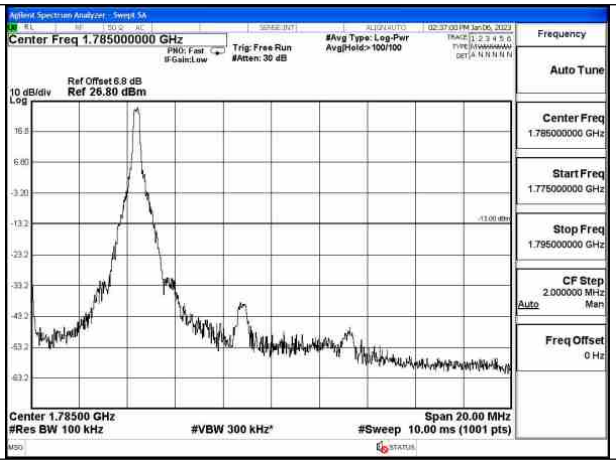


Fig.14

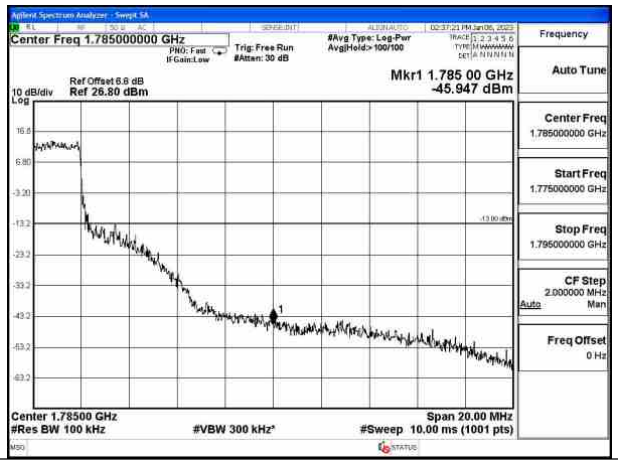


Fig.15

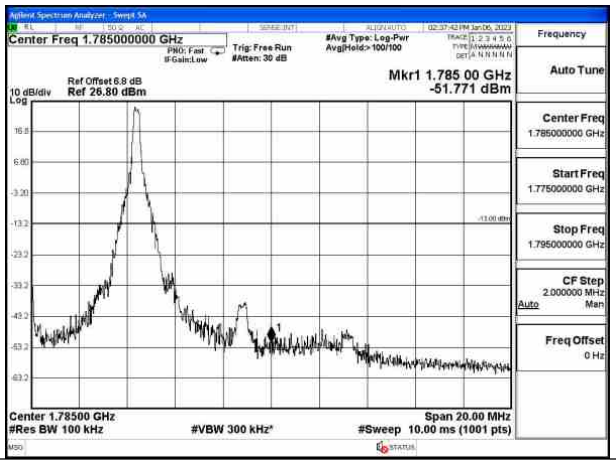


Fig.16

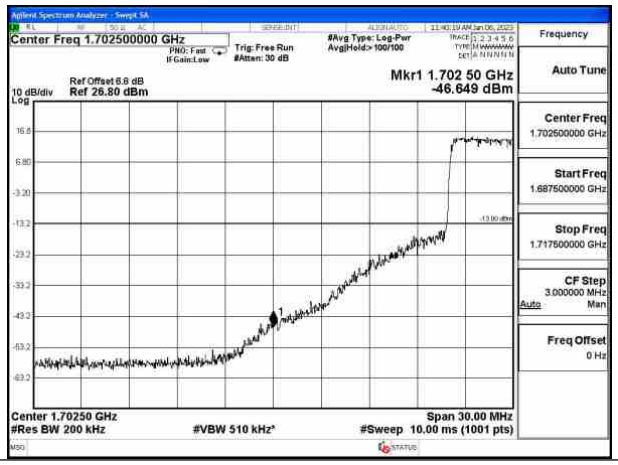


Fig.17

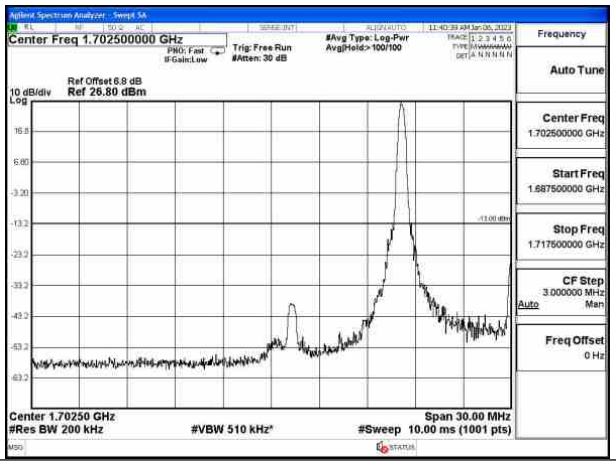


Fig.18

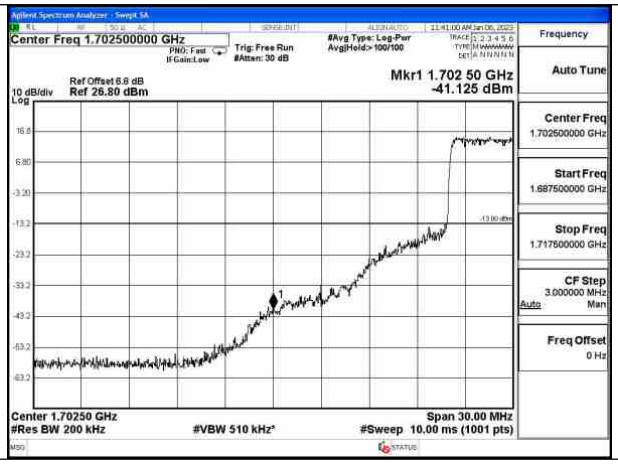


Fig.19

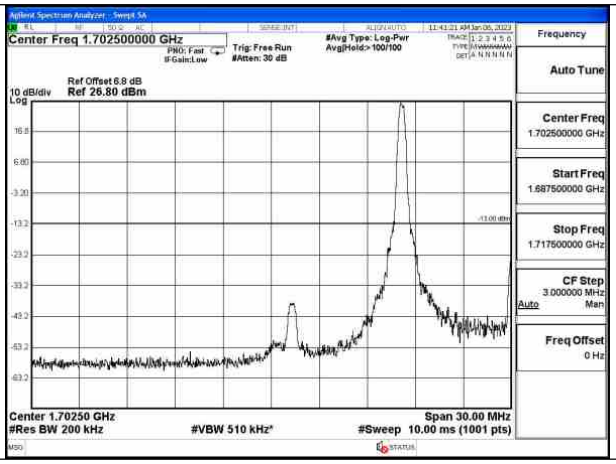


Fig.20

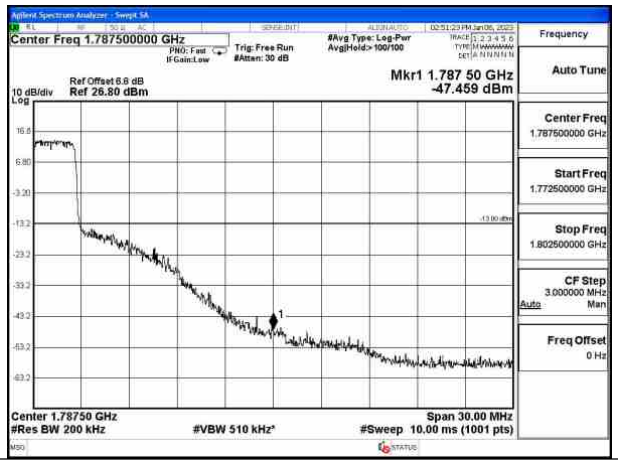


Fig.21

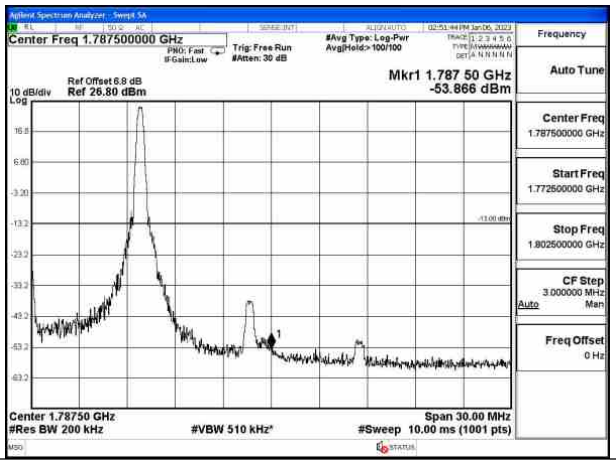


Fig.22

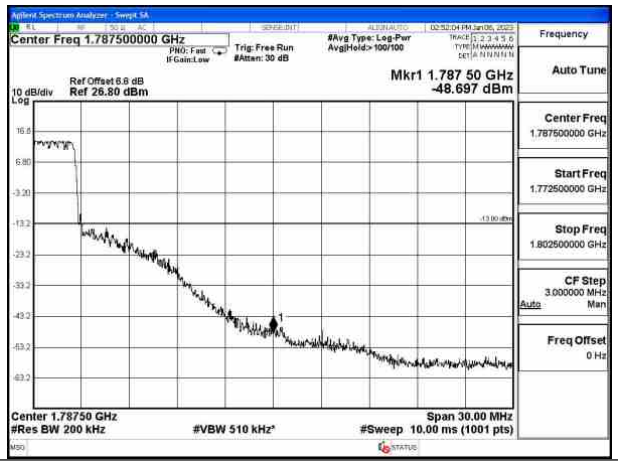


Fig.23

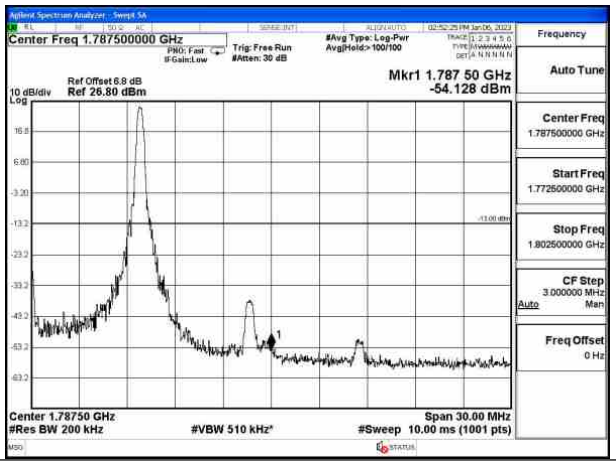


Fig.24

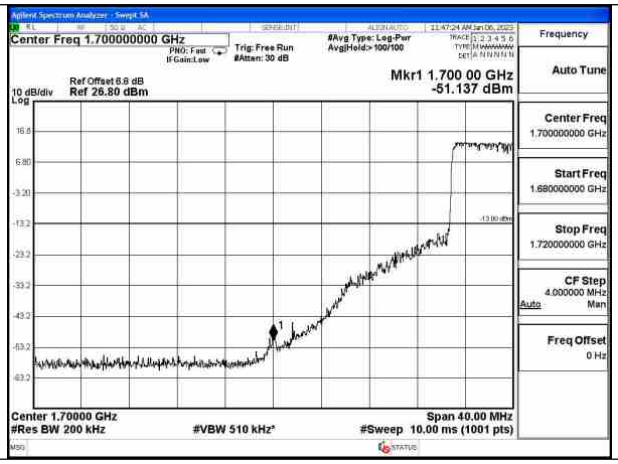


Fig.25

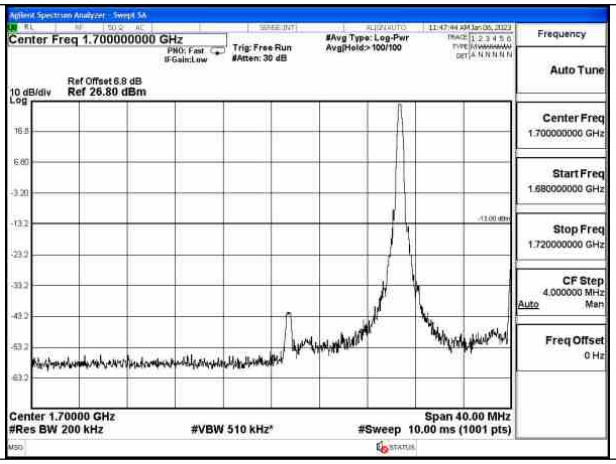


Fig.26

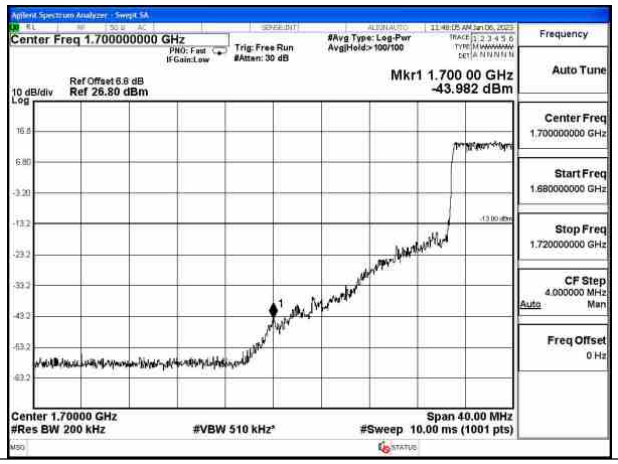


Fig.27

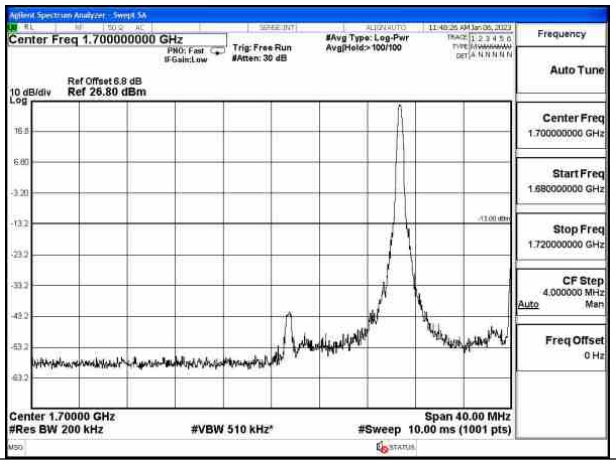


Fig.28

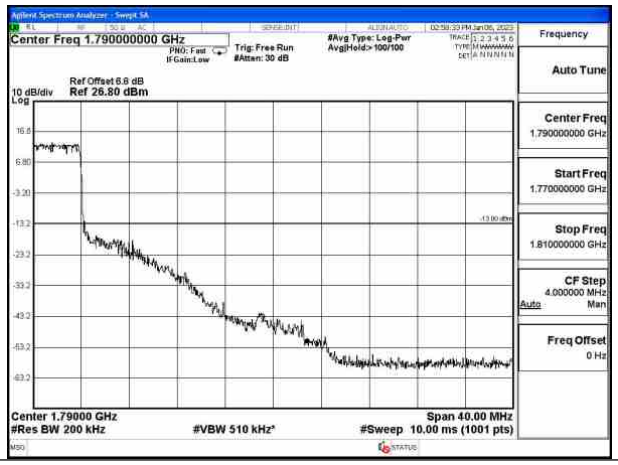


Fig.29

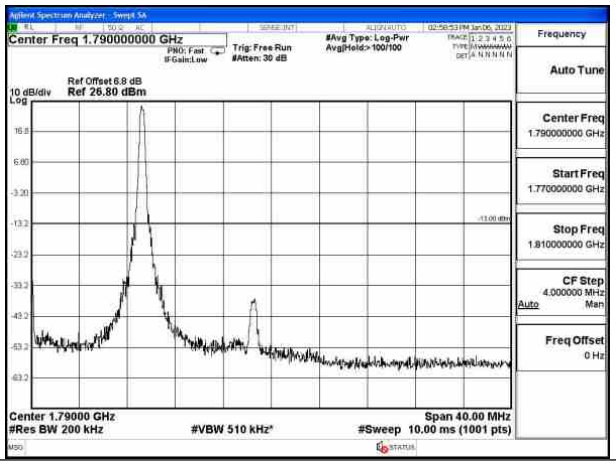


Fig.30

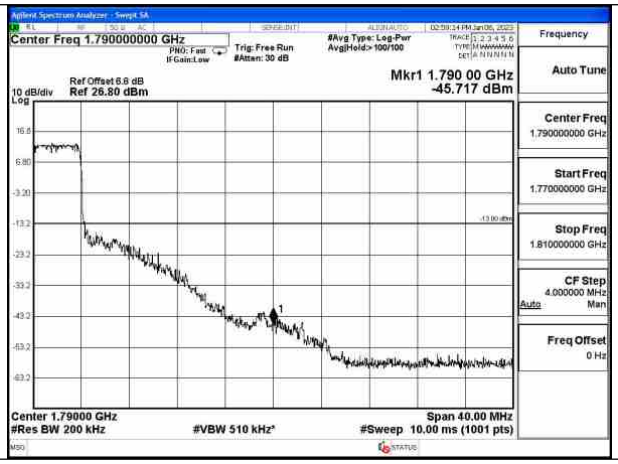
Agilent Spectrum Analyzer - Swept SA
Center Freq 1.790000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: Log-Pwr
Avg|Hold:> 100/100
Mkr1 1.790 00 GHz
-45.717 dBm
Ref Offset 6.8 dB
10 dB/div Ref 26.80 dBm
Log
Frequency
Auto Tune
Center Freq
1.790000000 GHz
Start Freq
1.770000000 GHz
Stop Freq
1.810000000 GHz
CF Step
4.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 1.79000 GHz
#Res BW 200 kHz
#VBW 510 kHz*
Span 40.00 MHz
#Sweep 10.00 ms (1001 pts)

Fig.31

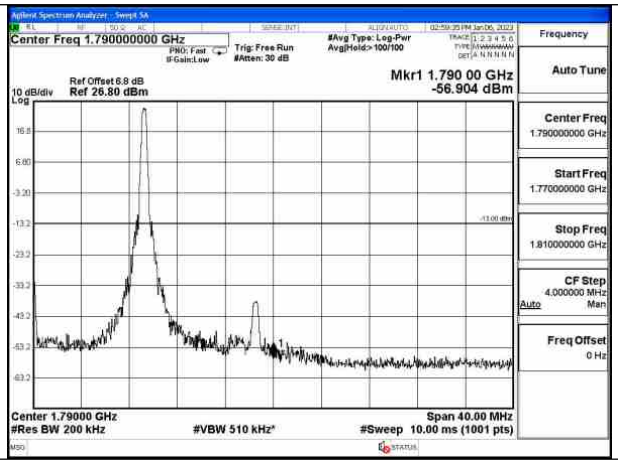
Agilent Spectrum Analyzer - Swept SA
Center Freq 1.790000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: Log-Pwr
Avg|Hold:> 100/100
Mkr1 1.790 00 GHz
-56.904 dBm
Ref Offset 6.8 dB
10 dB/div Ref 26.80 dBm
Log
Frequency
Auto Tune
Center Freq
1.790000000 GHz
Start Freq
1.770000000 GHz
Stop Freq
1.810000000 GHz
CF Step
4.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 1.79000 GHz
#Res BW 200 kHz
#VBW 510 kHz*
Span 40.00 MHz
#Sweep 10.00 ms (1001 pts)

Fig.32

## 7 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 | 1720 | 344000 | 20 | 1 | 0 | -10 | NV | 0.085 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 0 | 0 | NV | 0.727 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 0 | 10 | NV | 0.007 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 0 | 20 | NV | 0.182 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 0 | 30 | NV | 0.356 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 0 | 40 | NV | 0.104 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 0 | 50 | NV | 0.278 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 0 | 20 | LV | 0.453 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 0 | 20 | HV | 0.627 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | -10 | NV | 0.403 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 0 | NV | 0.15 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 10 | NV | 0.325 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 20 | NV | 0.499 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 30 | NV | 0.674 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 40 | NV | 0.421 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 50 | NV | 0.275 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 20 | LV | 0.023 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 20 | HV | 0.197 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | -10 | NV | 0.243 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 0 | NV | 0.418 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 10 | NV | 0.592 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 20 | NV | 0.767 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 30 | NV | 0.514 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 40 | NV | 0.689 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 50 | NV | 0.863 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 20 | LV | 0.464 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 20 | HV | 0.639 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | -10 | NV | 0.735 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 0 | NV | 0.016 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 10 | NV | 0.657 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 20 | NV | 0.832 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 30 | NV | 0.112 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 40 | NV | 0.287 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 50 | NV | 0.035 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 20 | LV | 0.209 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 20 | HV | 0.704 |

## 8 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 | 1712.5 | 342500 | 5 | 1 | 0 | 23.42 | 21.82 | 0.152 |
| DFT-s-OFDM PI/2 BPSK | 1712.5 | 342500 | 5 | 1 | 24 | 22.07 | 20.47 | 0.111 |
| DFT-s-OFDM PI/2 BPSK | 1712.5 | 342500 | 5 | 12 | 6 | 22.67 | 21.07 | 0.128 |
| DFT-s-OFDM PI/2 BPSK | 1712.5 | 342500 | 5 | 25 | 0 | 23.00 | 21.40 | 0.138 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 0 | 23.33 | 21.73 | 0.149 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 24 | 22.25 | 20.65 | 0.116 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 12 | 6 | 22.58 | 20.98 | 0.125 |
| DFT-s-OFDM QPSK | 1712.5 | 342500 | 5 | 25 | 0 | 23.18 | 21.58 | 0.144 |
| DFT-s-OFDM 16QAM | 1712.5 | 342500 | 5 | 1 | 0 | 23.51 | 21.91 | 0.155 |
| DFT-s-OFDM 16QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.16 | 20.56 | 0.114 |
| DFT-s-OFDM 16QAM | 1712.5 | 342500 | 5 | 12 | 6 | 22.49 | 20.89 | 0.123 |
| DFT-s-OFDM 16QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.01 | 20.41 | 0.110 |
| DFT-s-OFDM 64QAM | 1712.5 | 342500 | 5 | 1 | 0 | 23.42 | 21.82 | 0.152 |
| DFT-s-OFDM 64QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.94 | 21.34 | 0.136 |
| DFT-s-OFDM 64QAM | 1712.5 | 342500 | 5 | 12 | 6 | 23.27 | 21.67 | 0.147 |
| DFT-s-OFDM 64QAM | 1712.5 | 342500 | 5 | 25 | 0 | 23.60 | 22.00 | 0.158 |
| DFT-s-OFDM 256QAM | 1712.5 | 342500 | 5 | 1 | 0 | 22.52 | 20.92 | 0.124 |
| DFT-s-OFDM 256QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.85 | 21.25 | 0.133 |
| DFT-s-OFDM 256QAM | 1712.5 | 342500 | 5 | 12 | 6 | 23.18 | 21.58 | 0.144 |
| DFT-s-OFDM 256QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.10 | 20.50 | 0.112 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 0 | 22.43 | 20.83 | 0.121 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 1 | 24 | 23.03 | 21.43 | 0.139 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 13 | 6 | 23.36 | 21.76 | 0.150 |
| CP-OFDM QPSK | 1712.5 | 342500 | 5 | 25 | 0 | 22.28 | 20.68 | 0.117 |
| CP-OFDM 16QAM | 1712.5 | 342500 | 5 | 1 | 0 | 22.61 | 21.01 | 0.126 |
| CP-OFDM 16QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.34 | 20.74 | 0.119 |
| CP-OFDM 16QAM | 1712.5 | 342500 | 5 | 13 | 6 | 23.54 | 21.94 | 0.156 |
| CP-OFDM 16QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.19 | 20.59 | 0.115 |
| CP-OFDM 64QAM | 1712.5 | 342500 | 5 | 1 | 0 | 22.52 | 20.92 | 0.124 |
| CP-OFDM 64QAM | 1712.5 | 342500 | 5 | 1 | 24 | 22.84 | 21.24 | 0.133 |
| CP-OFDM 64QAM | 1712.5 | 342500 | 5 | 13 | 6 | 23.45 | 21.85 | 0.153 |
| CP-OFDM 64QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.10 | 20.50 | 0.112 |
| CP-OFDM 256QAM | 1712.5 | 342500 | 5 | 1 | 0 | 23.30 | 21.70 | 0.148 |
| CP-OFDM 256QAM | 1712.5 | 342500 | 5 | 1 | 24 | 23.03 | 21.43 | 0.139 |
| CP-OFDM 256QAM | 1712.5 | 342500 | 5 | 13 | 6 | 23.35 | 21.75 | 0.150 |
| CP-OFDM 256QAM | 1712.5 | 342500 | 5 | 25 | 0 | 22.28 | 20.68 | 0.117 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 5 | 1 | 0 | 23.02 | 21.42 | 0.139 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 5 | 1 | 24 | 22.55 | 20.95 | 0.124 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 5 | 12 | 6 | 22.88 | 21.28 | 0.134 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 5 | 25 | 0 | 22.60 | 21.00 | 0.126 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 5 | 1 | 0 | 22.13 | 20.53 | 0.113 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 5 | 1 | 24 | 22.45 | 20.85 | 0.122 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 5 | 12 | 6 | 22.78 | 21.18 | 0.131 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 5 | 25 | 0 | 23.11 | 21.51 | 0.142 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DFT-s-OFDM 16QAM | 1745 | 349000 | 5 | 1 | 0 | 22.64 | 21.04 | 0.127 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 5 | 1 | 24 | 22.96 | 21.36 | 0.137 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 5 | 12 | 6 | 23.29 | 21.69 | 0.148 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 5 | 25 | 0 | 23.62 | 22.02 | 0.159 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 5 | 1 | 0 | 22.54 | 20.94 | 0.124 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 5 | 1 | 24 | 22.87 | 21.27 | 0.134 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 5 | 12 | 6 | 22.40 | 20.80 | 0.120 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 5 | 25 | 0 | 22.72 | 21.12 | 0.129 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 5 | 1 | 0 | 23.05 | 21.45 | 0.140 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 5 | 1 | 24 | 23.66 | 22.06 | 0.161 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 5 | 12 | 6 | 22.30 | 20.70 | 0.117 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 5 | 25 | 0 | 22.63 | 21.03 | 0.127 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 1 | 0 | 22.96 | 21.36 | 0.137 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 1 | 24 | 23.56 | 21.96 | 0.157 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 13 | 6 | 22.21 | 20.61 | 0.115 |
| CP-OFDM QPSK | 1745 | 349000 | 5 | 25 | 0 | 23.42 | 21.82 | 0.152 |
| CP-OFDM 16QAM | 1745 | 349000 | 5 | 1 | 0 | 22.06 | 20.46 | 0.111 |
| CP-OFDM 16QAM | 1745 | 349000 | 5 | 1 | 24 | 23.47 | 21.87 | 0.154 |
| CP-OFDM 16QAM | 1745 | 349000 | 5 | 13 | 6 | 22.99 | 21.39 | 0.138 |
| CP-OFDM 16QAM | 1745 | 349000 | 5 | 25 | 0 | 23.32 | 21.72 | 0.149 |
| CP-OFDM 64QAM | 1745 | 349000 | 5 | 1 | 0 | 23.65 | 22.05 | 0.160 |
| CP-OFDM 64QAM | 1745 | 349000 | 5 | 1 | 24 | 22.57 | 20.97 | 0.125 |
| CP-OFDM 64QAM | 1745 | 349000 | 5 | 13 | 6 | 22.90 | 21.30 | 0.135 |
| CP-OFDM 64QAM | 1745 | 349000 | 5 | 25 | 0 | 23.23 | 21.63 | 0.146 |
| CP-OFDM 256QAM | 1745 | 349000 | 5 | 1 | 0 | 22.75 | 21.15 | 0.130 |
| CP-OFDM 256QAM | 1745 | 349000 | 5 | 1 | 24 | 23.08 | 21.48 | 0.141 |
| CP-OFDM 256QAM | 1745 | 349000 | 5 | 13 | 6 | 22.81 | 21.21 | 0.132 |
| CP-OFDM 256QAM | 1745 | 349000 | 5 | 25 | 0 | 22.33 | 20.73 | 0.118 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 1 | 0 | 22.55 | 20.95 | 0.124 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 1 | 24 | 23.48 | 21.88 | 0.154 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 12 | 6 | 22.13 | 20.53 | 0.113 |
| DFT-s-OFDM PI/2 BPSK | 1777.5 | 355500 | 5 | 25 | 0 | 22.73 | 21.13 | 0.130 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 0 | 23.06 | 21.46 | 0.140 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 24 | 23.39 | 21.79 | 0.151 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 12 | 6 | 22.91 | 21.31 | 0.135 |
| DFT-s-OFDM QPSK | 1777.5 | 355500 | 5 | 25 | 0 | 23.24 | 21.64 | 0.146 |
| DFT-s-OFDM 16QAM | 1777.5 | 355500 | 5 | 1 | 0 | 23.57 | 21.97 | 0.157 |
| DFT-s-OFDM 16QAM | 1777.5 | 355500 | 5 | 1 | 24 | 22.22 | 20.62 | 0.115 |
| DFT-s-OFDM 16QAM | 1777.5 | 355500 | 5 | 12 | 6 | 23.42 | 21.82 | 0.152 |
| DFT-s-OFDM 16QAM | 1777.5 | 355500 | 5 | 25 | 0 | 22.07 | 20.47 | 0.111 |
| DFT-s-OFDM 64QAM | 1777.5 | 355500 | 5 | 1 | 0 | 22.40 | 20.80 | 0.120 |
| DFT-s-OFDM 64QAM | 1777.5 | 355500 | 5 | 1 | 24 | 22.73 | 21.13 | 0.130 |
| DFT-s-OFDM 64QAM | 1777.5 | 355500 | 5 | 12 | 6 | 22.25 | 20.65 | 0.116 |
| DFT-s-OFDM 64QAM | 1777.5 | 355500 | 5 | 25 | 0 | 23.66 | 22.06 | 0.161 |
| DFT-s-OFDM 256QAM | 1777.5 | 355500 | 5 | 1 | 0 | 22.91 | 21.31 | 0.135 |
| DFT-s-OFDM 256QAM | 1777.5 | 355500 | 5 | 1 | 24 | 23.51 | 21.91 | 0.155 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DFT-s-OFDM 256QAM | 1777.5 | 355500 | 5 | 12 | 6 | 22.16 | 20.56 | 0.114 |
| DFT-s-OFDM 256QAM | 1777.5 | 355500 | 5 | 25 | 0 | 22.49 | 20.89 | 0.123 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 0 | 23.42 | 21.82 | 0.152 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 1 | 24 | 22.34 | 20.74 | 0.119 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 13 | 6 | 22.67 | 21.07 | 0.128 |
| CP-OFDM QPSK | 1777.5 | 355500 | 5 | 25 | 0 | 23.00 | 21.40 | 0.138 |
| CP-OFDM 16QAM | 1777.5 | 355500 | 5 | 1 | 0 | 23.32 | 21.72 | 0.149 |
| CP-OFDM 16QAM | 1777.5 | 355500 | 5 | 1 | 24 | 22.85 | 21.25 | 0.133 |
| CP-OFDM 16QAM | 1777.5 | 355500 | 5 | 13 | 6 | 23.18 | 21.58 | 0.144 |
| CP-OFDM 16QAM | 1777.5 | 355500 | 5 | 25 | 0 | 23.50 | 21.90 | 0.155 |
| CP-OFDM 64QAM | 1777.5 | 355500 | 5 | 1 | 0 | 22.15 | 20.55 | 0.114 |
| CP-OFDM 64QAM | 1777.5 | 355500 | 5 | 1 | 24 | 23.36 | 21.76 | 0.150 |
| CP-OFDM 64QAM | 1777.5 | 355500 | 5 | 13 | 6 | 22.01 | 20.41 | 0.110 |
| CP-OFDM 64QAM | 1777.5 | 355500 | 5 | 25 | 0 | 22.33 | 20.73 | 0.118 |
| CP-OFDM 256QAM | 1777.5 | 355500 | 5 | 1 | 0 | 22.66 | 21.06 | 0.128 |
| CP-OFDM 256QAM | 1777.5 | 355500 | 5 | 1 | 24 | 22.19 | 20.59 | 0.115 |
| CP-OFDM 256QAM | 1777.5 | 355500 | 5 | 13 | 6 | 22.52 | 20.92 | 0.124 |
| CP-OFDM 256QAM | 1777.5 | 355500 | 5 | 25 | 0 | 22.84 | 21.24 | 0.133 |

| 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 | 1715 | 343000 | 10 | 1 | 0 | 23.05 | 21.45 | 0.140 |
| DFT-s-OFDM PI/2 BPSK | 1715 | 343000 | 10 | 1 | 51 | 22.58 | 20.98 | 0.125 |
| DFT-s-OFDM PI/2 BPSK | 1715 | 343000 | 10 | 25 | 12 | 22.30 | 20.70 | 0.117 |
| DFT-s-OFDM PI/2 BPSK | 1715 | 343000 | 10 | 50 | 0 | 23.51 | 21.91 | 0.155 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 1 | 0 | 23.23 | 21.63 | 0.146 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 1 | 51 | 23.56 | 21.96 | 0.157 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 25 | 12 | 23.09 | 21.49 | 0.141 |
| DFT-s-OFDM QPSK | 1715 | 343000 | 10 | 50 | 0 | 22.81 | 21.21 | 0.132 |
| DFT-s-OFDM 16QAM | 1715 | 343000 | 10 | 1 | 0 | 22.34 | 20.74 | 0.119 |
| DFT-s-OFDM 16QAM | 1715 | 343000 | 10 | 1 | 51 | 22.66 | 21.06 | 0.128 |
| DFT-s-OFDM 16QAM | 1715 | 343000 | 10 | 25 | 12 | 22.39 | 20.79 | 0.120 |
| DFT-s-OFDM 16QAM | 1715 | 343000 | 10 | 50 | 0 | 23.59 | 21.99 | 0.158 |
| DFT-s-OFDM 64QAM | 1715 | 343000 | 10 | 1 | 0 | 23.32 | 21.72 | 0.149 |
| DFT-s-OFDM 64QAM | 1715 | 343000 | 10 | 1 | 51 | 22.85 | 21.25 | 0.133 |
| DFT-s-OFDM 64QAM | 1715 | 343000 | 10 | 25 | 12 | 23.17 | 21.57 | 0.144 |
| DFT-s-OFDM 64QAM | 1715 | 343000 | 10 | 50 | 0 | 22.90 | 21.30 | 0.135 |
| DFT-s-OFDM 256QAM | 1715 | 343000 | 10 | 1 | 0 | 22.42 | 20.82 | 0.121 |
| DFT-s-OFDM 256QAM | 1715 | 343000 | 10 | 1 | 51 | 22.75 | 21.15 | 0.130 |
| DFT-s-OFDM 256QAM | 1715 | 343000 | 10 | 25 | 12 | 23.35 | 21.75 | 0.150 |
| DFT-s-OFDM 256QAM | 1715 | 343000 | 10 | 50 | 0 | 23.68 | 22.08 | 0.161 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 1 | 0 | 22.33 | 20.73 | 0.118 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 1 | 51 | 22.93 | 21.33 | 0.136 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 26 | 13 | 23.26 | 21.66 | 0.147 |
| CP-OFDM QPSK | 1715 | 343000 | 10 | 52 | 0 | 23.59 | 21.99 | 0.158 |
| CP-OFDM 16QAM | 1715 | 343000 | 10 | 1 | 0 | 22.51 | 20.91 | 0.123 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CP-OFDM 16QAM | 1715 | 343000 | 10 | 1 | 51 | 22.84 | 21.24 | 0.133 |
| CP-OFDM 16QAM | 1715 | 343000 | 10 | 26 | 13 | 23.17 | 21.57 | 0.144 |
| CP-OFDM 16QAM | 1715 | 343000 | 10 | 52 | 0 | 22.69 | 21.09 | 0.129 |
| CP-OFDM 64QAM | 1715 | 343000 | 10 | 1 | 0 | 23.02 | 21.42 | 0.139 |
| CP-OFDM 64QAM | 1715 | 343000 | 10 | 1 | 51 | 22.75 | 21.15 | 0.130 |
| CP-OFDM 64QAM | 1715 | 343000 | 10 | 26 | 13 | 22.27 | 20.67 | 0.117 |
| CP-OFDM 64QAM | 1715 | 343000 | 10 | 52 | 0 | 23.68 | 22.08 | 0.161 |
| CP-OFDM 256QAM | 1715 | 343000 | 10 | 1 | 0 | 23.20 | 21.60 | 0.145 |
| CP-OFDM 256QAM | 1715 | 343000 | 10 | 1 | 51 | 23.53 | 21.93 | 0.156 |
| CP-OFDM 256QAM | 1715 | 343000 | 10 | 26 | 13 | 23.26 | 21.66 | 0.147 |
| CP-OFDM 256QAM | 1715 | 343000 | 10 | 52 | 0 | 22.78 | 21.18 | 0.131 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 10 | 1 | 0 | 23.59 | 21.99 | 0.158 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 10 | 1 | 51 | 22.24 | 20.64 | 0.116 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 10 | 25 | 12 | 22.57 | 20.97 | 0.125 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 10 | 50 | 0 | 22.09 | 20.49 | 0.112 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 10 | 1 | 0 | 23.50 | 21.90 | 0.155 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 10 | 1 | 51 | 22.15 | 20.55 | 0.114 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 10 | 25 | 12 | 23.35 | 21.75 | 0.150 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 10 | 50 | 0 | 23.68 | 22.08 | 0.161 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 10 | 1 | 0 | 22.33 | 20.73 | 0.118 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 10 | 1 | 51 | 22.65 | 21.05 | 0.127 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 10 | 25 | 12 | 22.18 | 20.58 | 0.114 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 10 | 50 | 0 | 23.59 | 21.99 | 0.158 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 10 | 1 | 0 | 23.11 | 21.51 | 0.142 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 10 | 1 | 51 | 23.44 | 21.84 | 0.153 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 10 | 25 | 12 | 22.09 | 20.49 | 0.112 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 10 | 50 | 0 | 22.41 | 20.81 | 0.121 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 10 | 1 | 0 | 23.62 | 22.02 | 0.159 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 10 | 1 | 51 | 22.27 | 20.67 | 0.117 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 10 | 25 | 12 | 22.60 | 21.00 | 0.126 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 10 | 50 | 0 | 23.20 | 21.60 | 0.145 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 1 | 0 | 23.53 | 21.93 | 0.156 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 1 | 51 | 22.17 | 20.57 | 0.114 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 26 | 13 | 22.50 | 20.90 | 0.123 |
| CP-OFDM QPSK | 1745 | 349000 | 10 | 52 | 0 | 22.03 | 20.43 | 0.110 |
| CP-OFDM 16QAM | 1745 | 349000 | 10 | 1 | 0 | 22.36 | 20.76 | 0.119 |
| CP-OFDM 16QAM | 1745 | 349000 | 10 | 1 | 51 | 22.96 | 21.36 | 0.137 |
| CP-OFDM 16QAM | 1745 | 349000 | 10 | 26 | 13 | 23.29 | 21.69 | 0.148 |
| CP-OFDM 16QAM | 1745 | 349000 | 10 | 52 | 0 | 23.61 | 22.01 | 0.159 |
| CP-OFDM 64QAM | 1745 | 349000 | 10 | 1 | 0 | 22.26 | 20.66 | 0.116 |
| CP-OFDM 64QAM | 1745 | 349000 | 10 | 1 | 51 | 23.47 | 21.87 | 0.154 |
| CP-OFDM 64QAM | 1745 | 349000 | 10 | 26 | 13 | 23.19 | 21.59 | 0.144 |
| CP-OFDM 64QAM | 1745 | 349000 | 10 | 52 | 0 | 23.52 | 21.92 | 0.156 |
| CP-OFDM 256QAM | 1745 | 349000 | 10 | 1 | 0 | 23.05 | 21.45 | 0.140 |
| CP-OFDM 256QAM | 1745 | 349000 | 10 | 1 | 51 | 23.37 | 21.77 | 0.150 |
| CP-OFDM 256QAM | 1745 | 349000 | 10 | 26 | 13 | 22.02 | 20.42 | 0.110 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CP-OFDM 256QAM | 1745 | 349000 | 10 | 52 | 0 | 22.35 | 20.75 | 0.119 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 1 | 0 | 22.12 | 20.52 | 0.113 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 1 | 51 | 23.32 | 21.72 | 0.149 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 25 | 12 | 23.65 | 22.05 | 0.160 |
| DFT-s-OFDM PI/2 BPSK | 1775 | 355000 | 10 | 50 | 0 | 22.30 | 20.70 | 0.117 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 1 | 0 | 22.63 | 21.03 | 0.127 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 1 | 51 | 22.15 | 20.55 | 0.114 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 25 | 12 | 22.48 | 20.88 | 0.122 |
| DFT-s-OFDM QPSK | 1775 | 355000 | 10 | 50 | 0 | 22.81 | 21.21 | 0.132 |
| DFT-s-OFDM 16QAM | 1775 | 355000 | 10 | 1 | 0 | 23.14 | 21.54 | 0.143 |
| DFT-s-OFDM 16QAM | 1775 | 355000 | 10 | 1 | 51 | 22.66 | 21.06 | 0.128 |
| DFT-s-OFDM 16QAM | 1775 | 355000 | 10 | 25 | 12 | 22.99 | 21.39 | 0.138 |
| DFT-s-OFDM 16QAM | 1775 | 355000 | 10 | 50 | 0 | 23.32 | 21.72 | 0.149 |
| DFT-s-OFDM 64QAM | 1775 | 355000 | 10 | 1 | 0 | 23.65 | 22.05 | 0.160 |
| DFT-s-OFDM 64QAM | 1775 | 355000 | 10 | 1 | 51 | 23.17 | 21.57 | 0.144 |
| DFT-s-OFDM 64QAM | 1775 | 355000 | 10 | 25 | 12 | 23.50 | 21.90 | 0.155 |
| DFT-s-OFDM 64QAM | 1775 | 355000 | 10 | 50 | 0 | 22.15 | 20.55 | 0.114 |
| DFT-s-OFDM 256QAM | 1775 | 355000 | 10 | 1 | 0 | 22.48 | 20.88 | 0.122 |
| DFT-s-OFDM 256QAM | 1775 | 355000 | 10 | 1 | 51 | 23.68 | 22.08 | 0.161 |
| DFT-s-OFDM 256QAM | 1775 | 355000 | 10 | 25 | 12 | 22.33 | 20.73 | 0.118 |
| DFT-s-OFDM 256QAM | 1775 | 355000 | 10 | 50 | 0 | 22.66 | 21.06 | 0.128 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 1 | 0 | 22.98 | 21.38 | 0.137 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 1 | 51 | 22.51 | 20.91 | 0.123 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 26 | 13 | 22.84 | 21.24 | 0.133 |
| CP-OFDM QPSK | 1775 | 355000 | 10 | 52 | 0 | 23.17 | 21.57 | 0.144 |
| CP-OFDM 16QAM | 1775 | 355000 | 10 | 1 | 0 | 23.49 | 21.89 | 0.155 |
| CP-OFDM 16QAM | 1775 | 355000 | 10 | 1 | 51 | 23.02 | 21.42 | 0.139 |
| CP-OFDM 16QAM | 1775 | 355000 | 10 | 26 | 13 | 23.35 | 21.75 | 0.150 |
| CP-OFDM 16QAM | 1775 | 355000 | 10 | 52 | 0 | 23.68 | 22.08 | 0.161 |
| CP-OFDM 64QAM | 1775 | 355000 | 10 | 1 | 0 | 22.32 | 20.72 | 0.118 |
| CP-OFDM 64QAM | 1775 | 355000 | 10 | 1 | 51 | 23.53 | 21.93 | 0.156 |
| CP-OFDM 64QAM | 1775 | 355000 | 10 | 26 | 13 | 22.18 | 20.58 | 0.114 |
| CP-OFDM 64QAM | 1775 | 355000 | 10 | 52 | 0 | 22.50 | 20.90 | 0.123 |
| CP-OFDM 256QAM | 1775 | 355000 | 10 | 1 | 0 | 22.83 | 21.23 | 0.133 |
| CP-OFDM 256QAM | 1775 | 355000 | 10 | 1 | 51 | 22.36 | 20.76 | 0.119 |
| CP-OFDM 256QAM | 1775 | 355000 | 10 | 26 | 13 | 22.69 | 21.09 | 0.129 |
| CP-OFDM 256QAM | 1775 | 355000 | 10 | 52 | 0 | 23.01 | 21.41 | 0.138 |

| 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 | 1717.5 | 343500 | 15 | 1 | 0 | 22.80 | 21.20 | 0.132 |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | 343500 | 15 | 1 | 78 | 23.13 | 21.53 | 0.142 |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | 343500 | 15 | 36 | 18 | 22.06 | 20.46 | 0.111 |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | 343500 | 15 | 75 | 0 | 22.38 | 20.78 | 0.120 |
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 0 | 22.71 | 21.11 | 0.129 |
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 78 | 23.31 | 21.71 | 0.148 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 36 | 18 | 23.64 | 22.04 | 0.160 |
| DFT-s-OFDM QPSK | 1717.5 | 343500 | 15 | 75 | 0 | 22.29 | 20.69 | 0.117 |
| DFT-s-OFDM 16QAM | 1717.5 | 343500 | 15 | 1 | 0 | 22.89 | 21.29 | 0.135 |
| DFT-s-OFDM 16QAM | 1717.5 | 343500 | 15 | 1 | 78 | 23.22 | 21.62 | 0.145 |
| DFT-s-OFDM 16QAM | 1717.5 | 343500 | 15 | 36 | 18 | 22.75 | 21.15 | 0.130 |
| DFT-s-OFDM 16QAM | 1717.5 | 343500 | 15 | 75 | 0 | 23.07 | 21.47 | 0.140 |
| DFT-s-OFDM 64QAM | 1717.5 | 343500 | 15 | 1 | 0 | 22.80 | 21.20 | 0.132 |
| DFT-s-OFDM 64QAM | 1717.5 | 343500 | 15 | 1 | 78 | 22.32 | 20.72 | 0.118 |
| DFT-s-OFDM 64QAM | 1717.5 | 343500 | 15 | 36 | 18 | 22.65 | 21.05 | 0.127 |
| DFT-s-OFDM 64QAM | 1717.5 | 343500 | 15 | 75 | 0 | 22.98 | 21.38 | 0.137 |
| DFT-s-OFDM 256QAM | 1717.5 | 343500 | 15 | 1 | 0 | 22.23 | 20.63 | 0.116 |
| DFT-s-OFDM 256QAM | 1717.5 | 343500 | 15 | 1 | 78 | 23.16 | 21.56 | 0.143 |
| DFT-s-OFDM 256QAM | 1717.5 | 343500 | 15 | 36 | 18 | 23.49 | 21.89 | 0.155 |
| DFT-s-OFDM 256QAM | 1717.5 | 343500 | 15 | 75 | 0 | 22.14 | 20.54 | 0.113 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 0 | 23.07 | 21.47 | 0.140 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 1 | 78 | 23.67 | 22.07 | 0.161 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 39 | 19 | 22.32 | 20.72 | 0.118 |
| CP-OFDM QPSK | 1717.5 | 343500 | 15 | 79 | 0 | 22.65 | 21.05 | 0.127 |
| CP-OFDM 16QAM | 1717.5 | 343500 | 15 | 1 | 0 | 23.25 | 21.65 | 0.146 |
| CP-OFDM 16QAM | 1717.5 | 343500 | 15 | 1 | 78 | 23.58 | 21.98 | 0.158 |
| CP-OFDM 16QAM | 1717.5 | 343500 | 15 | 39 | 19 | 23.10 | 21.50 | 0.141 |
| CP-OFDM 16QAM | 1717.5 | 343500 | 15 | 79 | 0 | 23.43 | 21.83 | 0.152 |
| CP-OFDM 64QAM | 1717.5 | 343500 | 15 | 1 | 0 | 23.16 | 21.56 | 0.143 |
| CP-OFDM 64QAM | 1717.5 | 343500 | 15 | 1 | 78 | 22.68 | 21.08 | 0.128 |
| CP-OFDM 64QAM | 1717.5 | 343500 | 15 | 39 | 19 | 23.01 | 21.41 | 0.138 |
| CP-OFDM 64QAM | 1717.5 | 343500 | 15 | 79 | 0 | 23.61 | 22.01 | 0.159 |
| CP-OFDM 256QAM | 1717.5 | 343500 | 15 | 1 | 0 | 22.26 | 20.66 | 0.116 |
| CP-OFDM 256QAM | 1717.5 | 343500 | 15 | 1 | 78 | 22.59 | 20.99 | 0.126 |
| CP-OFDM 256QAM | 1717.5 | 343500 | 15 | 39 | 19 | 22.92 | 21.32 | 0.136 |
| CP-OFDM 256QAM | 1717.5 | 343500 | 15 | 79 | 0 | 22.44 | 20.84 | 0.121 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 15 | 1 | 0 | 22.53 | 20.93 | 0.124 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 15 | 1 | 78 | 22.86 | 21.26 | 0.134 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 15 | 36 | 18 | 22.39 | 20.79 | 0.120 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 15 | 75 | 0 | 22.71 | 21.11 | 0.129 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 15 | 1 | 0 | 23.04 | 21.44 | 0.139 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 15 | 1 | 78 | 23.37 | 21.77 | 0.150 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 15 | 36 | 18 | 22.89 | 21.29 | 0.135 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 15 | 75 | 0 | 22.62 | 21.02 | 0.126 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 15 | 1 | 0 | 22.15 | 20.55 | 0.114 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 15 | 1 | 78 | 22.47 | 20.87 | 0.122 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 15 | 36 | 18 | 22.80 | 21.20 | 0.132 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 15 | 75 | 0 | 23.13 | 21.53 | 0.142 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 15 | 1 | 0 | 22.65 | 21.05 | 0.127 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 15 | 1 | 78 | 22.98 | 21.38 | 0.137 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 15 | 36 | 18 | 22.71 | 21.11 | 0.129 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 15 | 75 | 0 | 22.23 | 20.63 | 0.116 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DFT-s-OFDM 256QAM | 1745 | 349000 | 15 | 1 | 0 | 22.56 | 20.96 | 0.125 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 15 | 1 | 78 | 22.89 | 21.29 | 0.135 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 15 | 36 | 18 | 23.22 | 21.62 | 0.145 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 15 | 75 | 0 | 22.14 | 20.54 | 0.113 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 1 | 0 | 22.47 | 20.87 | 0.122 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 1 | 78 | 23.67 | 22.07 | 0.161 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 39 | 19 | 22.32 | 20.72 | 0.118 |
| CP-OFDM QPSK | 1745 | 349000 | 15 | 79 | 0 | 22.65 | 21.05 | 0.127 |
| CP-OFDM 16QAM | 1745 | 349000 | 15 | 1 | 0 | 22.98 | 21.38 | 0.137 |
| CP-OFDM 16QAM | 1745 | 349000 | 15 | 1 | 78 | 22.50 | 20.90 | 0.123 |
| CP-OFDM 16QAM | 1745 | 349000 | 15 | 39 | 19 | 22.83 | 21.23 | 0.133 |
| CP-OFDM 16QAM | 1745 | 349000 | 15 | 79 | 0 | 22.56 | 20.96 | 0.125 |
| CP-OFDM 64QAM | 1745 | 349000 | 15 | 1 | 0 | 23.49 | 21.89 | 0.155 |
| CP-OFDM 64QAM | 1745 | 349000 | 15 | 1 | 78 | 23.01 | 21.41 | 0.138 |
| CP-OFDM 64QAM | 1745 | 349000 | 15 | 39 | 19 | 23.34 | 21.74 | 0.149 |
| CP-OFDM 64QAM | 1745 | 349000 | 15 | 79 | 0 | 23.67 | 22.07 | 0.161 |
| CP-OFDM 256QAM | 1745 | 349000 | 15 | 1 | 0 | 22.32 | 20.72 | 0.118 |
| CP-OFDM 256QAM | 1745 | 349000 | 15 | 1 | 78 | 23.52 | 21.92 | 0.156 |
| CP-OFDM 256QAM | 1745 | 349000 | 15 | 39 | 19 | 22.17 | 20.57 | 0.114 |
| CP-OFDM 256QAM | 1745 | 349000 | 15 | 79 | 0 | 23.57 | 21.97 | 0.157 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 1 | 0 | 22.14 | 20.54 | 0.113 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 1 | 78 | 22.47 | 20.87 | 0.122 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 36 | 18 | 22.80 | 21.20 | 0.132 |
| DFT-s-OFDM PI/2 BPSK | 1772.5 | 354500 | 15 | 75 | 0 | 23.13 | 21.53 | 0.142 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 0 | 22.65 | 21.05 | 0.127 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 78 | 22.98 | 21.38 | 0.137 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 36 | 18 | 22.23 | 20.63 | 0.116 |
| DFT-s-OFDM QPSK | 1772.5 | 354500 | 15 | 75 | 0 | 22.56 | 20.96 | 0.125 |
| DFT-s-OFDM 16QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.89 | 21.29 | 0.135 |
| DFT-s-OFDM 16QAM | 1772.5 | 354500 | 15 | 1 | 78 | 22.41 | 20.81 | 0.121 |
| DFT-s-OFDM 16QAM | 1772.5 | 354500 | 15 | 36 | 18 | 22.74 | 21.14 | 0.130 |
| DFT-s-OFDM 16QAM | 1772.5 | 354500 | 15 | 75 | 0 | 23.07 | 21.47 | 0.140 |
| DFT-s-OFDM 64QAM | 1772.5 | 354500 | 15 | 1 | 0 | 23.39 | 21.79 | 0.151 |
| DFT-s-OFDM 64QAM | 1772.5 | 354500 | 15 | 1 | 78 | 22.92 | 21.32 | 0.136 |
| DFT-s-OFDM 64QAM | 1772.5 | 354500 | 15 | 36 | 18 | 23.25 | 21.65 | 0.146 |
| DFT-s-OFDM 64QAM | 1772.5 | 354500 | 15 | 75 | 0 | 23.58 | 21.98 | 0.158 |
| DFT-s-OFDM 256QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.83 | 21.23 | 0.133 |
| DFT-s-OFDM 256QAM | 1772.5 | 354500 | 15 | 1 | 78 | 23.15 | 21.55 | 0.143 |
| DFT-s-OFDM 256QAM | 1772.5 | 354500 | 15 | 36 | 18 | 22.08 | 20.48 | 0.112 |
| DFT-s-OFDM 256QAM | 1772.5 | 354500 | 15 | 75 | 0 | 22.41 | 20.81 | 0.121 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 0 | 23.34 | 21.74 | 0.149 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 1 | 78 | 23.66 | 22.06 | 0.161 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 39 | 19 | 22.31 | 20.71 | 0.118 |
| CP-OFDM QPSK | 1772.5 | 354500 | 15 | 79 | 0 | 23.52 | 21.92 | 0.156 |
| CP-OFDM 16QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.17 | 20.57 | 0.114 |
| CP-OFDM 16QAM | 1772.5 | 354500 | 15 | 1 | 78 | 22.49 | 20.89 | 0.123 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CP-OFDM 16QAM | 1772.5 | 354500 | 15 | 39 | 19 | 22.82 | 21.22 | 0.132 |
| CP-OFDM 16QAM | 1772.5 | 354500 | 15 | 79 | 0 | 22.35 | 20.75 | 0.119 |
| CP-OFDM 64QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.68 | 21.08 | 0.128 |
| CP-OFDM 64QAM | 1772.5 | 354500 | 15 | 1 | 78 | 23.00 | 21.40 | 0.138 |
| CP-OFDM 64QAM | 1772.5 | 354500 | 15 | 39 | 19 | 22.25 | 20.65 | 0.116 |
| CP-OFDM 64QAM | 1772.5 | 354500 | 15 | 79 | 0 | 22.58 | 20.98 | 0.125 |
| CP-OFDM 256QAM | 1772.5 | 354500 | 15 | 1 | 0 | 22.11 | 20.51 | 0.112 |
| CP-OFDM 256QAM | 1772.5 | 354500 | 15 | 1 | 78 | 22.44 | 20.84 | 0.121 |
| CP-OFDM 256QAM | 1772.5 | 354500 | 15 | 39 | 19 | 22.76 | 21.16 | 0.131 |
| CP-OFDM 256QAM | 1772.5 | 354500 | 15 | 79 | 0 | 23.09 | 21.49 | 0.141 |

| 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 | 1720 | 344000 | 20 | 1 | 0 | 22.47 | 20.87 | 0.122 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 1 | 105 | 22.79 | 21.19 | 0.132 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 50 | 25 | 23.40 | 21.80 | 0.151 |
| DFT-s-OFDM PI/2 BPSK | 1720 | 344000 | 20 | 100 | 0 | 22.04 | 20.44 | 0.111 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 22.37 | 20.77 | 0.119 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 1 | 105 | 22.70 | 21.10 | 0.129 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 50 | 25 | 23.30 | 21.70 | 0.148 |
| DFT-s-OFDM QPSK | 1720 | 344000 | 20 | 100 | 0 | 23.63 | 22.03 | 0.160 |
| DFT-s-OFDM 16QAM | 1720 | 344000 | 20 | 1 | 0 | 23.16 | 21.56 | 0.143 |
| DFT-s-OFDM 16QAM | 1720 | 344000 | 20 | 1 | 105 | 23.48 | 21.88 | 0.154 |
| DFT-s-OFDM 16QAM | 1720 | 344000 | 20 | 50 | 25 | 23.21 | 21.61 | 0.145 |
| DFT-s-OFDM 16QAM | 1720 | 344000 | 20 | 100 | 0 | 22.74 | 21.14 | 0.130 |
| DFT-s-OFDM 64QAM | 1720 | 344000 | 20 | 1 | 0 | 23.06 | 21.46 | 0.140 |
| DFT-s-OFDM 64QAM | 1720 | 344000 | 20 | 1 | 105 | 23.67 | 22.07 | 0.161 |
| DFT-s-OFDM 64QAM | 1720 | 344000 | 20 | 50 | 25 | 22.31 | 20.71 | 0.118 |
| DFT-s-OFDM 64QAM | 1720 | 344000 | 20 | 100 | 0 | 22.64 | 21.04 | 0.127 |
| DFT-s-OFDM 256QAM | 1720 | 344000 | 20 | 1 | 0 | 23.24 | 21.64 | 0.146 |
| DFT-s-OFDM 256QAM | 1720 | 344000 | 20 | 1 | 105 | 23.57 | 21.97 | 0.157 |
| DFT-s-OFDM 256QAM | 1720 | 344000 | 20 | 50 | 25 | 22.22 | 20.62 | 0.115 |
| DFT-s-OFDM 256QAM | 1720 | 344000 | 20 | 100 | 0 | 22.55 | 20.95 | 0.124 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 0 | 23.15 | 21.55 | 0.143 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 1 | 105 | 23.48 | 21.88 | 0.154 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 53 | 26 | 23.00 | 21.40 | 0.138 |
| CP-OFDM QPSK | 1720 | 344000 | 20 | 106 | 0 | 22.73 | 21.13 | 0.130 |
| CP-OFDM 16QAM | 1720 | 344000 | 20 | 1 | 0 | 23.06 | 21.46 | 0.140 |
| CP-OFDM 16QAM | 1720 | 344000 | 20 | 1 | 105 | 22.58 | 20.98 | 0.125 |
| CP-OFDM 16QAM | 1720 | 344000 | 20 | 53 | 26 | 22.91 | 21.31 | 0.135 |
| CP-OFDM 16QAM | 1720 | 344000 | 20 | 106 | 0 | 23.51 | 21.91 | 0.155 |
| CP-OFDM 64QAM | 1720 | 344000 | 20 | 1 | 0 | 22.16 | 20.56 | 0.114 |
| CP-OFDM 64QAM | 1720 | 344000 | 20 | 1 | 105 | 22.49 | 20.89 | 0.123 |
| CP-OFDM 64QAM | 1720 | 344000 | 20 | 53 | 26 | 23.09 | 21.49 | 0.141 |
| CP-OFDM 64QAM | 1720 | 344000 | 20 | 106 | 0 | 23.42 | 21.82 | 0.152 |
| CP-OFDM 256QAM | 1720 | 344000 | 20 | 1 | 0 | 22.07 | 20.47 | 0.111 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CP-OFDM 256QAM | 1720 | 344000 | 20 | 1 | 105 | 22.40 | 20.80 | 0.120 |
| CP-OFDM 256QAM | 1720 | 344000 | 20 | 53 | 26 | 23.00 | 21.40 | 0.138 |
| CP-OFDM 256QAM | 1720 | 344000 | 20 | 106 | 0 | 23.33 | 21.73 | 0.149 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 20 | 1 | 0 | 22.08 | 20.48 | 0.112 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 20 | 1 | 105 | 22.40 | 20.80 | 0.120 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 20 | 50 | 25 | 23.61 | 22.01 | 0.159 |
| DFT-s-OFDM PI/2 BPSK | 1745 | 349000 | 20 | 100 | 0 | 22.26 | 20.66 | 0.116 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 20 | 1 | 0 | 22.59 | 20.99 | 0.126 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 20 | 1 | 105 | 22.91 | 21.31 | 0.135 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 20 | 50 | 25 | 22.44 | 20.84 | 0.121 |
| DFT-s-OFDM QPSK | 1745 | 349000 | 20 | 100 | 0 | 22.77 | 21.17 | 0.131 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 20 | 1 | 0 | 23.09 | 21.49 | 0.141 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 20 | 1 | 105 | 23.42 | 21.82 | 0.152 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 20 | 50 | 25 | 22.67 | 21.07 | 0.128 |
| DFT-s-OFDM 16QAM | 1745 | 349000 | 20 | 100 | 0 | 23.60 | 22.00 | 0.158 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 20 | 1 | 0 | 22.25 | 20.65 | 0.116 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 20 | 1 | 105 | 23.46 | 21.86 | 0.153 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 20 | 50 | 25 | 22.11 | 20.51 | 0.112 |
| DFT-s-OFDM 64QAM | 1745 | 349000 | 20 | 100 | 0 | 22.43 | 20.83 | 0.121 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 20 | 1 | 0 | 22.76 | 21.16 | 0.131 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 20 | 1 | 105 | 22.29 | 20.69 | 0.117 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 20 | 50 | 25 | 22.61 | 21.01 | 0.126 |
| DFT-s-OFDM 256QAM | 1745 | 349000 | 20 | 100 | 0 | 23.22 | 21.62 | 0.145 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 1 | 0 | 23.55 | 21.95 | 0.157 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 1 | 105 | 22.19 | 20.59 | 0.115 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 53 | 26 | 22.52 | 20.92 | 0.124 |
| CP-OFDM QPSK | 1745 | 349000 | 20 | 106 | 0 | 22.05 | 20.45 | 0.111 |
| CP-OFDM 16QAM | 1745 | 349000 | 20 | 1 | 0 | 22.37 | 20.77 | 0.119 |
| CP-OFDM 16QAM | 1745 | 349000 | 20 | 1 | 105 | 22.70 | 21.10 | 0.129 |
| CP-OFDM 16QAM | 1745 | 349000 | 20 | 53 | 26 | 23.03 | 21.43 | 0.139 |
| CP-OFDM 16QAM | 1745 | 349000 | 20 | 106 | 0 | 22.56 | 20.96 | 0.125 |
| CP-OFDM 64QAM | 1745 | 349000 | 20 | 1 | 0 | 22.88 | 21.28 | 0.134 |
| CP-OFDM 64QAM | 1745 | 349000 | 20 | 1 | 105 | 23.21 | 21.61 | 0.145 |
| CP-OFDM 64QAM | 1745 | 349000 | 20 | 53 | 26 | 22.13 | 20.53 | 0.113 |
| CP-OFDM 64QAM | 1745 | 349000 | 20 | 106 | 0 | 22.46 | 20.86 | 0.122 |
| CP-OFDM 256QAM | 1745 | 349000 | 20 | 1 | 0 | 22.79 | 21.19 | 0.132 |
| CP-OFDM 256QAM | 1745 | 349000 | 20 | 1 | 105 | 23.12 | 21.52 | 0.142 |
| CP-OFDM 256QAM | 1745 | 349000 | 20 | 53 | 26 | 22.64 | 21.04 | 0.127 |
| CP-OFDM 256QAM | 1745 | 349000 | 20 | 106 | 0 | 22.97 | 21.37 | 0.137 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 0 | 22.22 | 20.62 | 0.115 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 1 | 105 | 23.15 | 21.55 | 0.143 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 50 | 25 | 23.48 | 21.88 | 0.154 |
| DFT-s-OFDM PI/2 BPSK | 1770 | 354000 | 20 | 100 | 0 | 22.13 | 20.53 | 0.113 |
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 23.33 | 21.73 | 0.149 |
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 1 | 105 | 23.66 | 22.06 | 0.161 |
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 50 | 25 | 22.31 | 20.71 | 0.118 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DFT-s-OFDM QPSK | 1770 | 354000 | 20 | 100 | 0 | 22.63 | 21.03 | 0.127 |
| DFT-s-OFDM 16QAM | 1770 | 354000 | 20 | 1 | 0 | 23.57 | 21.97 | 0.157 |
| DFT-s-OFDM 16QAM | 1770 | 354000 | 20 | 1 | 105 | 22.21 | 20.61 | 0.115 |
| DFT-s-OFDM 16QAM | 1770 | 354000 | 20 | 50 | 25 | 23.42 | 21.82 | 0.152 |
| DFT-s-OFDM 16QAM | 1770 | 354000 | 20 | 100 | 0 | 22.07 | 20.47 | 0.111 |
| DFT-s-OFDM 64QAM | 1770 | 354000 | 20 | 1 | 0 | 22.39 | 20.79 | 0.120 |
| DFT-s-OFDM 64QAM | 1770 | 354000 | 20 | 1 | 105 | 22.72 | 21.12 | 0.129 |
| DFT-s-OFDM 64QAM | 1770 | 354000 | 20 | 50 | 25 | 22.25 | 20.65 | 0.116 |
| DFT-s-OFDM 64QAM | 1770 | 354000 | 20 | 100 | 0 | 22.58 | 20.98 | 0.125 |
| DFT-s-OFDM 256QAM | 1770 | 354000 | 20 | 1 | 0 | 23.51 | 21.91 | 0.155 |
| DFT-s-OFDM 256QAM | 1770 | 354000 | 20 | 1 | 105 | 22.15 | 20.55 | 0.114 |
| DFT-s-OFDM 256QAM | 1770 | 354000 | 20 | 50 | 25 | 22.48 | 20.88 | 0.122 |
| DFT-s-OFDM 256QAM | 1770 | 354000 | 20 | 100 | 0 | 23.41 | 21.81 | 0.152 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 0 | 22.06 | 20.46 | 0.111 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 1 | 105 | 23.27 | 21.67 | 0.147 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 53 | 26 | 23.59 | 21.99 | 0.158 |
| CP-OFDM QPSK | 1770 | 354000 | 20 | 106 | 0 | 22.24 | 20.64 | 0.116 |
| CP-OFDM 16QAM | 1770 | 354000 | 20 | 1 | 0 | 23.17 | 21.57 | 0.144 |
| CP-OFDM 16QAM | 1770 | 354000 | 20 | 1 | 105 | 23.50 | 21.90 | 0.155 |
| CP-OFDM 16QAM | 1770 | 354000 | 20 | 53 | 26 | 23.03 | 21.43 | 0.139 |
| CP-OFDM 16QAM | 1770 | 354000 | 20 | 106 | 0 | 23.35 | 21.75 | 0.150 |
| CP-OFDM 64QAM | 1770 | 354000 | 20 | 1 | 0 | 23.68 | 22.08 | 0.161 |
| CP-OFDM 64QAM | 1770 | 354000 | 20 | 1 | 105 | 22.33 | 20.73 | 0.118 |
| CP-OFDM 64QAM | 1770 | 354000 | 20 | 53 | 26 | 23.54 | 21.94 | 0.156 |
| CP-OFDM 64QAM | 1770 | 354000 | 20 | 106 | 0 | 22.18 | 20.58 | 0.114 |
| CP-OFDM 256QAM | 1770 | 354000 | 20 | 1 | 0 | 23.11 | 21.51 | 0.142 |
| CP-OFDM 256QAM | 1770 | 354000 | 20 | 1 | 105 | 23.44 | 21.84 | 0.153 |
| CP-OFDM 256QAM | 1770 | 354000 | 20 | 53 | 26 | 22.09 | 20.49 | 0.112 |
| CP-OFDM 256QAM | 1770 | 354000 | 20 | 106 | 0 | 22.42 | 20.82 | 0.121 |