APPENDIX A – TEST DATA OF CONDUCTED EMISSION

NSA DC_12A_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	23.68
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	1	24	22.93
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	12	6	23.26
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	25	0	22.98
DFT-s-OFDM QPSK	1712.5	342500	5	1	0	22.51
DFT-s-OFDM QPSK	1712.5	342500	5	1	24	22.83
DFT-s-OFDM QPSK	1712.5	342500	5	12	6	23.44
DFT-s-OFDM QPSK	1712.5	342500	5	25	0	22.09
DFT-s-OFDM 16QAM	1712.5	342500	5	1	0	23.49
DFT-s-OFDM 16QAM	1712.5	342500	5	1	24	23.02
DFT-s-OFDM 16QAM	1712.5	342500	5	12	6	22.74
DFT-s-OFDM 16QAM	1712.5	342500	5	25	0	22.27
DFT-s-OFDM 64QAM	1712.5	342500	5	1	0	22.59
DFT-s-OFDM 64QAM	1712.5	342500	5	1	24	22.92
DFT-s-OFDM 64QAM	1712.5	342500	5	12	6	23.25
DFT-s-OFDM 64QAM	1712.5	342500	5	25	0	22.50
DFT-s-OFDM 256QAM	1712.5	342500	5	1	0	23.43
DFT-s-OFDM 256QAM	1712.5	342500	5	1	24	22.68
DFT-s-OFDM 256QAM	1712.5	342500	5	12	6	23.01
DFT-s-OFDM 256QAM	1712.5	342500	5	25	0	23.34
CP-OFDM QPSK	1712.5	342500	5	1	0	22.26
CP-OFDM QPSK	1712.5	342500	5	1	24	22.59
CP-OFDM QPSK	1712.5	342500	5	13	6	22.11
CP-OFDM QPSK	1712.5	342500	5	25	0	22.44
CP-OFDM 16QAM	1712.5	342500	5	1	0	22.17
CP-OFDM 16QAM	1712.5	342500	5	1	24	23.37
CP-OFDM 16QAM	1712.5	342500	5	13	6	23.10
CP-OFDM 16QAM	1712.5	342500	5	25	0	22.62
CP-OFDM 64QAM	1712.5	342500	5	1	0	22.35
CP-OFDM 64QAM	1712.5	342500	5	1	24	22.68
CP-OFDM 64QAM	1712.5	342500	5	13	6	22.20
CP-OFDM 64QAM	1712.5	342500	5	25	0	23.61
CP-OFDM 256QAM	1712.5	342500	5	1	0	23.13
CP-OFDM 256QAM	1712.5	342500	5	1	24	23.46
CP-OFDM 256QAM	1712.5	342500	5	13	6	23.19
CP-OFDM 256QAM	1712.5	342500	5	25	0	22.71
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	0	23.55
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	24	22.20
DFT-s-OFDM PI/2 BPSK	1745	349000	5	12	6	22.53
DFT-s-OFDM PI/2 BPSK	1745	349000	5	25	0	22.85
DFT-s-OFDM QPSK	1745	349000	5	1	0	22.38
DFT-s-OFDM QPSK	1745	349000	5	1	24	22.11

DFT-s-OFDM QPSK	1745	349000	5	12	6	22.43
DFT-s-OFDM QPSK	1745	349000	5	25	0	23.64
DFT-s-OFDM 16QAM	1745	349000	5	1	0	22.29
DFT-s-OFDM 16QAM	1745	349000	5	1	24	22.89
DFT-s-OFDM 16QAM	1745	349000	5	12	6	23.22
DFT-s-OFDM 16QAM	1745	349000	5	25	0	23.55
DFT-s-OFDM 64QAM	1745	349000	5	1	0	22.19
DFT-s-OFDM 64QAM	1745	349000	5	1	24	23.40
DFT-s-OFDM 64QAM	1745	349000	5	12	6	22.05
DFT-s-OFDM 64QAM	1745	349000	5	25	0	22.37
DFT-s-OFDM 256QAM	1745	349000	5	1	0	22.98
DFT-s-OFDM 256QAM	1745	349000	5	1	24	23.31
DFT-s-OFDM 256QAM	1745	349000	5	12	6	23.63
DFT-s-OFDM 256QAM	1745	349000	5	25	0	22.28
CP-OFDM QPSK	1745	349000	5	1	0	23.49
CP-OFDM QPSK	1745	349000	5	1	24	23.21
CP-OFDM QPSK	1745	349000	5	13	6	22.74
CP-OFDM QPSK	1745	349000	5	25	0	23.07
CP-OFDM 16QAM	1745	349000	5	1	0	23.39
CP-OFDM 16QAM	1745	349000	5	1	24	22.04
CP-OFDM 16QAM	1745	349000	5	13	6	22.64
CP-OFDM 16QAM	1745	349000	5	25	0	22.97
CP-OFDM 64QAM	1745	349000	5	1	0	23.30
CP-OFDM 64QAM	1745	349000	5	1	24	22.83
CP-OFDM 64QAM	1745	349000	5	13	6	23.15
CP-OFDM 64QAM	1745	349000	5	25	0	22.08
CP-OFDM 256QAM	1745	349000	5	1	0	22.40
CP-OFDM 256QAM	1745	349000	5	1	24	22.73
CP-OFDM 256QAM	1745	349000	5	13	6	23.06
CP-OFDM 256QAM	1745	349000	5	25	0	22.59
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	0	22.48
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	24	22.80
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	12	6	23.13
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	25	0	23.46
DFT-s-OFDM QPSK	1777.5	355500	5	1	0	22.99
DFT-s-OFDM QPSK	1777.5	355500	5	1	24	23.31
DFT-s-OFDM QPSK	1777.5	355500	5	12	6	23.64
DFT-s-OFDM QPSK	1777.5	355500	5	25	0	22.29
DFT-s-OFDM 16QAM	1777.5	355500	5	1	0	23.49
DFT-s-OFDM 16QAM	1777.5	355500	5	1	24	22.14
DFT-s-OFDM 16QAM	1777.5	355500	5	12	6	22.47
DFT-s-OFDM 16QAM	1777.5	355500	5	25	0	22.80
DFT-s-OFDM 64QAM	1777.5	355500	5	1	0	22.32
DFT-s-OFDM 64QAM	1777.5	355500	5	1	24	22.65
DFT-s-OFDM 64QAM	1777.5	355500	5	12	6	22.98
DFT-s-OFDM 64QAM	1777.5	355500	5	25	0	23.31

DFT-s-OFDM 256QAM	1777.5	355500	5	1	0	22.83
DFT-s-OFDM 256QAM	1777.5	355500	5	1	24	23.16
DFT-s-OFDM 256QAM	1777.5	355500	5	12	6	23.49
DFT-s-OFDM 256QAM	1777.5	355500	5	25	0	22.14
CP-OFDM QPSK	1777.5	355500	5	1	0	23.34
CP-OFDM QPSK	1777.5	355500	5	1	24	23.67
CP-OFDM QPSK	1777.5	355500	5	13	6	22.32
CP-OFDM QPSK	1777.5	355500	5	25	0	22.65
CP-OFDM 16QAM	1777.5	355500	5	1	0	22.17
CP-OFDM 16QAM	1777.5	355500	5	1	24	22.50
CP-OFDM 16QAM	1777.5	355500	5	13	6	22.83
CP-OFDM 16QAM	1777.5	355500	5	25	0	23.16
CP-OFDM 64QAM	1777.5	355500	5	1	0	22.68
CP-OFDM 64QAM	1777.5	355500	5	1	24	23.01
CP-OFDM 64QAM	1777.5	355500	5	13	6	23.34
CP-OFDM 64QAM	1777.5	355500	5	25	0	23.66
CP-OFDM 256QAM	1777.5	355500	5	1	0	23.19
CP-OFDM 256QAM	1777.5	355500	5	1	24	23.52
CP-OFDM 256QAM	1777.5	355500	5	13	6	22.17
CP-OFDM 256QAM	1777.5	355500	5	25	0	23.10

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	23.16
DFT-s-OFDM PI/2 BPSK	1715	343000	10	1	51	23.48
DFT-s-OFDM PI/2 BPSK	1715	343000	10	25	12	22.41
DFT-s-OFDM PI/2 BPSK	1715	343000	10	50	0	22.74
DFT-s-OFDM QPSK	1715	343000	10	1	0	23.06
DFT-s-OFDM QPSK	1715	343000	10	1	51	23.67
DFT-s-OFDM QPSK	1715	343000	10	25	12	22.31
DFT-s-OFDM QPSK	1715	343000	10	50	0	22.92
DFT-s-OFDM 16QAM	1715	343000	10	1	0	23.24
DFT-s-OFDM 16QAM	1715	343000	10	1	51	23.57
DFT-s-OFDM 16QAM	1715	343000	10	25	12	22.50
DFT-s-OFDM 16QAM	1715	343000	10	50	0	22.82
DFT-s-OFDM 64QAM	1715	343000	10	1	0	23.15
DFT-s-OFDM 64QAM	1715	343000	10	1	51	22.07
DFT-s-OFDM 64QAM	1715	343000	10	25	12	22.40
DFT-s-OFDM 64QAM	1715	343000	10	50	0	22.73
DFT-s-OFDM 256QAM	1715	343000	10	1	0	23.33
DFT-s-OFDM 256QAM	1715	343000	10	1	51	23.66
DFT-s-OFDM 256QAM	1715	343000	10	25	12	23.19
DFT-s-OFDM 256QAM	1715	343000	10	50	0	22.91
CP-OFDM QPSK	1715	343000	10	1	0	23.24
CP-OFDM QPSK	1715	343000	10	1	51	22.76
CP-OFDM QPSK	1715	343000	10	26	13	22.49

CP-OFDM QPSK	1715	343000	10	52	0	22.02
CP-OFDM 16QAM	1715	343000	10	1	0	23.42
CP-OFDM 16QAM	1715	343000	10	1	51	22.07
CP-OFDM 16QAM	1715	343000	10	26	13	22.67
CP-OFDM 16QAM	1715	343000	10	52	0	23.00
CP-OFDM 64QAM	1715	343000	10	1	0	22.52
CP-OFDM 64QAM	1715	343000	10	1	51	22.85
CP-OFDM 64QAM	1715	343000	10	26	13	22.58
CP-OFDM 64QAM	1715	343000	10	52	0	22.10
CP-OFDM 256QAM	1715	343000	10	1	0	22.43
CP-OFDM 256QAM	1715	343000	10	1	51	23.03
CP-OFDM 256QAM	1715	343000	10	26	13	23.36
CP-OFDM 256QAM	1715	343000	10	52	0	23.09
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	0	23.24
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	51	23.57
DFT-s-OFDM PI/2 BPSK	1745	349000	10	25	12	23.09
DFT-s-OFDM PI/2 BPSK	1745	349000	10	50	0	23.42
DFT-s-OFDM QPSK	1745	349000	10	1	0	22.07
DFT-s-OFDM QPSK	1745	349000	10	1	51	22.40
DFT-s-OFDM QPSK	1745	349000	10	25	12	23.00
DFT-s-OFDM QPSK	1745	349000	10	50	0	23.33
DFT-s-OFDM 16QAM	1745	349000	10	1	0	23.66
DFT-s-OFDM 16QAM	1745	349000	10	1	51	23.18
DFT-s-OFDM 16QAM	1745	349000	10	25	12	22.91
DFT-s-OFDM 16QAM	1745	349000	10	50	0	22.43
DFT-s-OFDM 64QAM	1745	349000	10	1	0	22.76
DFT-s-OFDM 64QAM	1745	349000	10	1	51	23.09
DFT-s-OFDM 64QAM	1745	349000	10	25	12	23.42
DFT-s-OFDM 64QAM	1745	349000	10	50	0	22.94
DFT-s-OFDM 256QAM	1745	349000	10	1	0	22.67
DFT-s-OFDM 256QAM	1745	349000	10	1	51	23.00
DFT-s-OFDM 256QAM	1745	349000	10	25	12	22.52
DFT-s-OFDM 256QAM	1745	349000	10	50	0	22.85
CP-OFDM QPSK	1745	349000	10	1	0	23.18
CP-OFDM QPSK	1745	349000	10	1	51	23.51
CP-OFDM QPSK	1745	349000	10	26	13	23.03
CP-OFDM QPSK	1745	349000	10	52	0	23.36
CP-OFDM 16QAM	1745	349000	10	1	0	22.01
CP-OFDM 16QAM	1745	349000	10	1	51	22.33
CP-OFDM 16QAM	1745	349000	10	26	13	23.54
CP-OFDM 16QAM	1745	349000	10	52	0	22.19
CP-OFDM 64QAM	1745	349000	10	1	0	22.52
CP-OFDM 64QAM	1745	349000	10	1	51	22.84
CP-OFDM 64QAM	1745	349000	10	26	13	22.37
CP-OFDM 64QAM	1745	349000	10	52	0	22.09
CP-OFDM 256QAM	1745	349000	10	1	0	23.30

CP-OFDM 256QAM	1745	349000	10	1	51	23.63
CP-OFDM 256QAM	1745	349000	10	26	13	22.28
CP-OFDM 256QAM	1745	349000	10	52	0	22.60
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	0	22.04
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	51	22.37
DFT-s-OFDM PI/2 BPSK	1775	355000	10	25	12	22.70
DFT-s-OFDM PI/2 BPSK	1775	355000	10	50	0	22.22
DFT-s-OFDM QPSK	1775	355000	10	1	0	22.55
DFT-s-OFDM QPSK	1775	355000	10	1	51	22.88
DFT-s-OFDM QPSK	1775	355000	10	25	12	23.21
DFT-s-OFDM QPSK	1775	355000	10	50	0	22.73
DFT-s-OFDM 16QAM	1775	355000	10	1	0	23.06
DFT-s-OFDM 16QAM	1775	355000	10	1	51	23.39
DFT-s-OFDM 16QAM	1775	355000	10	25	12	22.04
DFT-s-OFDM 16QAM	1775	355000	10	50	0	23.24
DFT-s-OFDM 64QAM	1775	355000	10	1	0	23.57
DFT-s-OFDM 64QAM	1775	355000	10	1	51	22.22
DFT-s-OFDM 64QAM	1775	355000	10	25	12	22.55
DFT-s-OFDM 64QAM	1775	355000	10	50	0	22.07
DFT-s-OFDM 256QAM	1775	355000	10	1	0	22.40
DFT-s-OFDM 256QAM	1775	355000	10	1	51	23.33
DFT-s-OFDM 256QAM	1775	355000	10	25	12	23.06
DFT-s-OFDM 256QAM	1775	355000	10	50	0	22.58
CP-OFDM QPSK	1775	355000	10	1	0	23.51
CP-OFDM QPSK	1775	355000	10	1	51	22.16
CP-OFDM QPSK	1775	355000	10	26	13	22.49
CP-OFDM QPSK	1775	355000	10	52	0	22.82
CP-OFDM 16QAM	1775	355000	10	1	0	22.34
CP-OFDM 16QAM	1775	355000	10	1	51	22.67
CP-OFDM 16QAM	1775	355000	10	26	13	23.00
CP-OFDM 16QAM	1775	355000	10	52	0	23.33
CP-OFDM 64QAM	1775	355000	10	1	0	22.85
CP-OFDM 64QAM	1775	355000	10	1	51	23.18
CP-OFDM 64QAM	1775	355000	10	26	13	23.51
CP-OFDM 64QAM	1775	355000	10	52	0	22.16
CP-OFDM 256QAM	1775	355000	10	1	0	23.36
CP-OFDM 256QAM	1775	355000	10	1	51	22.01
CP-OFDM 256QAM	1775	355000	10	26	13	22.34
CP-OFDM 256QAM	1775	355000	10	52	0	22.66

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	23.39
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	1	78	22.31
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	36	18	22.64
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	75	0	22.96

DFT-s-OFDM QPSK	1717.5	343500	15	1	0	23.57
DFT-s-OFDM QPSK	1717.5	343500	15	1	78	22.22
DFT-s-OFDM QPSK	1717.5	343500	15	36	18	22.54
DFT-s-OFDM QPSK	1717.5	343500	15	75	0	23.15
DFT-s-OFDM 16QAM	1717.5	343500	15	1	0	23.47
DFT-s-OFDM 16QAM	1717.5	343500	15	1	78	22.12
DFT-s-OFDM 16QAM	1717.5	343500	15	36	18	23.33
DFT-s-OFDM 16QAM	1717.5	343500	15	75	0	23.05
DFT-s-OFDM 64QAM	1717.5	343500	15	1	0	22.58
DFT-s-OFDM 64QAM	1717.5	343500	15	1	78	22.91
DFT-s-OFDM 64QAM	1717.5	343500	15	36	18	22.63
DFT-s-OFDM 64QAM	1717.5	343500	15	75	0	22.16
DFT-s-OFDM 256QAM	1717.5	343500	15	1	0	22.48
DFT-s-OFDM 256QAM	1717.5	343500	15	1	78	23.09
DFT-s-OFDM 256QAM	1717.5	343500	15	36	18	23.42
DFT-s-OFDM 256QAM	1717.5	343500	15	75	0	23.14
CP-OFDM QPSK	1717.5	343500	15	1	0	22.67
CP-OFDM QPSK	1717.5	343500	15	1	78	22.99
CP-OFDM QPSK	1717.5	343500	15	39	19	23.32
CP-OFDM QPSK	1717.5	343500	15	79	0	22.24
CP-OFDM 16QAM	1717.5	343500	15	1	0	22.57
CP-OFDM 16QAM	1717.5	343500	15	1	78	22.90
CP-OFDM 16QAM	1717.5	343500	15	39	19	23.50
CP-OFDM 16QAM	1717.5	343500	15	79	0	22.15
CP-OFDM 64QAM	1717.5	343500	15	1	0	22.75
CP-OFDM 64QAM	1717.5	343500	15	1	78	23.08
CP-OFDM 64QAM	1717.5	343500	15	39	19	23.41
CP-OFDM 64QAM	1717.5	343500	15	79	0	22.94
CP-OFDM 256QAM	1717.5	343500	15	1	0	23.26
CP-OFDM 256QAM	1717.5	343500	15	1	78	23.59
CP-OFDM 256QAM	1717.5	343500	15	39	19	22.51
CP-OFDM 256QAM	1717.5	343500	15	79	0	22.84
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	0	22.18
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	78	22.79
DFT-s-OFDM PI/2 BPSK	1745	349000	15	36	18	23.11
DFT-s-OFDM PI/2 BPSK	1745	349000	15	75	0	22.64
DFT-s-OFDM QPSK	1745	349000	15	1	0	22.97
DFT-s-OFDM QPSK	1745	349000	15	1	78	23.29
DFT-s-OFDM QPSK	1745	349000	15	36	18	23.62
DFT-s-OFDM QPSK	1745	349000	15	75	0	23.15
DFT-s-OFDM 16QAM	1745	349000	15	1	0	23.48
DFT-s-OFDM 16QAM	1745	349000	15	1	78	22.12
DFT-s-OFDM 16QAM	1745	349000	15	36	18	22.45
DFT-s-OFDM 16QAM	1745	349000	15	75	0	23.66
DFT-s-OFDM 64QAM	1745	349000	15	1	0	22.31
DFT-s-OFDM 64QAM	1745	349000	15	1	78	22.63

DFT-s-OFDM 64QAM	1745	349000	15	36	18	22.96
DFT-s-OFDM 64QAM	1745	349000	15	75	0	23.56
DFT-s-OFDM 256QAM	1745	349000	15	1	0	22.21
DFT-s-OFDM 256QAM	1745	349000	15	1	78	22.54
DFT-s-OFDM 256QAM	1745	349000	15	36	18	22.07
DFT-s-OFDM 256QAM	1745	349000	15	75	0	22.39
CP-OFDM QPSK	1745	349000	15	1	0	22.72
CP-OFDM QPSK	1745	349000	15	1	78	23.05
CP-OFDM QPSK	1745	349000	15	39	19	22.57
CP-OFDM QPSK	1745	349000	15	79	0	22.90
CP-OFDM 16QAM	1745	349000	15	1	0	23.23
CP-OFDM 16QAM	1745	349000	15	1	78	22.15
CP-OFDM 16QAM	1745	349000	15	39	19	22.48
CP-OFDM 16QAM	1745	349000	15	79	0	22.81
CP-OFDM 64QAM	1745	349000	15	1	0	22.33
CP-OFDM 64QAM	1745	349000	15	1	78	22.66
CP-OFDM 64QAM	1745	349000	15	39	19	22.99
CP-OFDM 64QAM	1745	349000	15	79	0	23.59
CP-OFDM 256QAM	1745	349000	15	1	0	22.24
CP-OFDM 256QAM	1745	349000	15	1	78	22.57
CP-OFDM 256QAM	1745	349000	15	39	19	22.90
CP-OFDM 256QAM	1745	349000	15	79	0	22.42
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	0	22.54
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	78	22.87
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	36	18	22.40
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	75	0	22.72
DFT-s-OFDM QPSK	1772.5	354500	15	1	0	23.65
DFT-s-OFDM QPSK	1772.5	354500	15	1	78	22.30
DFT-s-OFDM QPSK	1772.5	354500	15	36	18	22.63
DFT-s-OFDM QPSK	1772.5	354500	15	75	0	22.96
DFT-s-OFDM 16QAM	1772.5	354500	15	1	0	22.48
DFT-s-OFDM 16QAM	1772.5	354500	15	1	78	23.41
DFT-s-OFDM 16QAM	1772.5	354500	15	36	18	22.06
DFT-s-OFDM 16QAM	1772.5	354500	15	75	0	22.39
DFT-s-OFDM 64QAM	1772.5	354500	15	1	0	22.72
DFT-s-OFDM 64QAM	1772.5	354500	15	1	78	22.24
DFT-s-OFDM 64QAM	1772.5	354500	15	36	18	22.30
DFT-s-OFDM 64QAM	1772.5	354500	15	75	0	23.50
DFT-s-OFDM 256QAM	1772.5	354500	15	1	0	22.15
DFT-s-OFDM 256QAM	1772.5	354500	15	1	78	22.48
DFT-s-OFDM 256QAM	1772.5	354500	15	36	18	22.81
DFT-s-OFDM 256QAM	1772.5	354500	15	75	0	22.33
CP-OFDM QPSK	1772.5	354500	15	1	0	22.66
CP-OFDM QPSK	1772.5	354500	15	1	78	22.99
CP-OFDM QPSK	1772.5	354500	15	39	19	23.31
CP-OFDM QPSK	1772.5	354500	15	79	0	22.84

CP-OFDM 16QAM	1772.5	354500	15	1	0	22.09
CP-OFDM 16QAM	1772.5	354500	15	1	78	22.42
CP-OFDM 16QAM	1772.5	354500	15	39	19	22.75
CP-OFDM 16QAM	1772.5	354500	15	79	0	23.07
CP-OFDM 64QAM	1772.5	354500	15	1	0	22.60
CP-OFDM 64QAM	1772.5	354500	15	1	78	22.65
CP-OFDM 64QAM	1772.5	354500	15	39	19	22.18
CP-OFDM 64QAM	1772.5	354500	15	79	0	22.51
CP-OFDM 256QAM	1772.5	354500	15	1	0	22.83
CP-OFDM 256QAM	1772.5	354500	15	1	78	23.16
CP-OFDM 256QAM	1772.5	354500	15	39	19	22.69
CP-OFDM 256QAM	1772.5	354500	15	79	0	23.34

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	23.14
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	105	23.47
DFT-s-OFDM PI/2 BPSK	1720	344000	20	50	25	22.12
DFT-s-OFDM PI/2 BPSK	1720	344000	20	100	0	22.44
DFT-s-OFDM QPSK	1720	344000	20	1	0	23.05
DFT-s-OFDM QPSK	1720	344000	20	1	105	23.38
DFT-s-OFDM QPSK	1720	344000	20	50	25	22.02
DFT-s-OFDM QPSK	1720	344000	20	100	0	23.23
DFT-s-OFDM 16QAM	1720	344000	20	1	0	22.95
DFT-s-OFDM 16QAM	1720	344000	20	1	105	22.48
DFT-s-OFDM 16QAM	1720	344000	20	50	25	22.81
DFT-s-OFDM 16QAM	1720	344000	20	100	0	23.14
DFT-s-OFDM 64QAM	1720	344000	20	1	0	22.06
DFT-s-OFDM 64QAM	1720	344000	20	1	105	22.39
DFT-s-OFDM 64QAM	1720	344000	20	50	25	22.71
DFT-s-OFDM 64QAM	1720	344000	20	100	0	23.04
DFT-s-OFDM 256QAM	1720	344000	20	1	0	23.64
DFT-s-OFDM 256QAM	1720	344000	20	1	105	22.29
DFT-s-OFDM 256QAM	1720	344000	20	50	25	23.50
DFT-s-OFDM 256QAM	1720	344000	20	100	0	23.22
CP-OFDM QPSK	1720	344000	20	1	0	23.55
CP-OFDM QPSK	1720	344000	20	1	105	23.08
CP-OFDM QPSK	1720	344000	20	53	26	23.40
CP-OFDM QPSK	1720	344000	20	106	0	22.05
CP-OFDM 16QAM	1720	344000	20	1	0	22.66
CP-OFDM 16QAM	1720	344000	20	1	105	22.98
CP-OFDM 16QAM	1720	344000	20	53	26	23.31
CP-OFDM 16QAM	1720	344000	20	106	0	22.84
CP-OFDM 64QAM	1720	344000	20	1	0	23.16
CP-OFDM 64QAM	1720	344000	20	1	105	23.49
CP-OFDM 64QAM	1720	344000	20	53	26	22.42

CP-OFDM 64QAM	1720	344000	20	106	0	22.74
CP-OFDM 256QAM	1720	344000	20	1	0	23.07
CP-OFDM 256QAM	1720	344000	20	1	105	23.40
CP-OFDM 256QAM	1720	344000	20	53	26	22.32
CP-OFDM 256QAM	1720	344000	20	106	0	22.65
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	0	23.68
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	105	22.93
DFT-s-OFDM PI/2 BPSK	1745	349000	20	50	25	23.26
DFT-s-OFDM PI/2 BPSK	1745	349000	20	100	0	23.59
DFT-s-OFDM QPSK	1745	349000	20	1	0	22.24
DFT-s-OFDM QPSK	1745	349000	20	1	105	23.44
DFT-s-OFDM QPSK	1745	349000	20	50	25	22.09
DFT-s-OFDM QPSK	1745	349000	20	100	0	22.42
DFT-s-OFDM 16QAM	1745	349000	20	1	0	22.74
DFT-s-OFDM 16QAM	1745	349000	20	1	105	22.27
DFT-s-OFDM 16QAM	1745	349000	20	50	25	23.68
DFT-s-OFDM 16QAM	1745	349000	20	100	0	23.20
DFT-s-OFDM 64QAM	1745	349000	20	1	0	23.53
DFT-s-OFDM 64QAM	1745	349000	20	1	105	22.18
DFT-s-OFDM 64QAM	1745	349000	20	50	25	22.50
DFT-s-OFDM 64QAM	1745	349000	20	100	0	22.03
DFT-s-OFDM 256QAM	1745	349000	20	1	0	22.36
DFT-s-OFDM 256QAM	1745	349000	20	1	105	22.69
DFT-s-OFDM 256QAM	1745	349000	20	50	25	23.01
DFT-s-OFDM 256QAM	1745	349000	20	100	0	22.54
CP-OFDM QPSK	1745	349000	20	1	0	22.87
CP-OFDM QPSK	1745	349000	20	1	105	23.20
CP-OFDM QPSK	1745	349000	20	53	26	23.52
CP-OFDM QPSK	1745	349000	20	106	0	23.05
CP-OFDM 16QAM	1745	349000	20	1	0	23.38
CP-OFDM 16QAM	1745	349000	20	1	105	22.02
CP-OFDM 16QAM	1745	349000	20	53	26	22.35
CP-OFDM 16QAM	1745	349000	20	106	0	23.56
CP-OFDM 64QAM	1745	349000	20	1	0	22.21
CP-OFDM 64QAM	1745	349000	20	1	105	22.53
CP-OFDM 64QAM	1745	349000	20	53	26	22.86
CP-OFDM 64QAM	1745	349000	20	106	0	22.39
CP-OFDM 256QAM	1745	349000	20	1	0	22.72
CP-OFDM 256QAM	1745	349000	20	1	105	23.04
CP-OFDM 256QAM	1745	349000	20	53	26	23.37
CP-OFDM 256QAM	1745	349000	20	106	0	22.90
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	23.22
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	105	22.47
DFT-s-OFDM PI/2 BPSK	1770	354000	20	50	25	22.80
DFT-s-OFDM PI/2 BPSK	1770	354000	20	100	0	23.13
DFT-s-OFDM QPSK	1770	354000	20	1	0	22.65

DFT-s-OFDM QPSK	1770	354000	20	1	105	22.71
DFT-s-OFDM QPSK	1770	354000	20	50	25	22.23
DFT-s-OFDM QPSK	1770	354000	20	100	0	22.56
DFT-s-OFDM 16QAM	1770	354000	20	1	0	23.49
DFT-s-OFDM 16QAM	1770	354000	20	1	105	22.14
DFT-s-OFDM 16QAM	1770	354000	20	50	25	22.47
DFT-s-OFDM 16QAM	1770	354000	20	100	0	23.67
DFT-s-OFDM 64QAM	1770	354000	20	1	0	22.32
DFT-s-OFDM 64QAM	1770	354000	20	1	105	23.25
DFT-s-OFDM 64QAM	1770	354000	20	50	25	23.58
DFT-s-OFDM 64QAM	1770	354000	20	100	0	22.23
DFT-s-OFDM 256QAM	1770	354000	20	1	0	22.55
DFT-s-OFDM 256QAM	1770	354000	20	1	105	22.08
DFT-s-OFDM 256QAM	1770	354000	20	50	25	22.41
DFT-s-OFDM 256QAM	1770	354000	20	100	0	22.74
CP-OFDM QPSK	1770	354000	20	1	0	23.67
CP-OFDM QPSK	1770	354000	20	1	105	22.31
CP-OFDM QPSK	1770	354000	20	53	26	23.52
CP-OFDM QPSK	1770	354000	20	106	0	22.17
CP-OFDM 16QAM	1770	354000	20	1	0	22.50
CP-OFDM 16QAM	1770	354000	20	1	105	22.82
CP-OFDM 16QAM	1770	354000	20	53	26	22.07
CP-OFDM 16QAM	1770	354000	20	106	0	22.40
CP-OFDM 64QAM	1770	354000	20	1	0	23.61
CP-OFDM 64QAM	1770	354000	20	1	105	22.26
CP-OFDM 64QAM	1770	354000	20	53	26	23.19
CP-OFDM 64QAM	1770	354000	20	106	0	23.51
CP-OFDM 256QAM	1770	354000	20	1	0	22.16
CP-OFDM 256QAM	1770	354000	20	1	105	23.37
CP-OFDM 256QAM	1770	354000	20	53	26	22.02
CP-OFDM 256QAM	1770	354000	20	106	0	22.95

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	4.480	Fig.1
CP-OFDM QPSK	1745	349000	10	52	0	9.280	Fig.2
CP-OFDM QPSK	1745	349000	15	79	0	14.080	Fig.3
CP-OFDM QPSK	1745	349000	20	106	0	18.890	Fig.4

Test Plot:

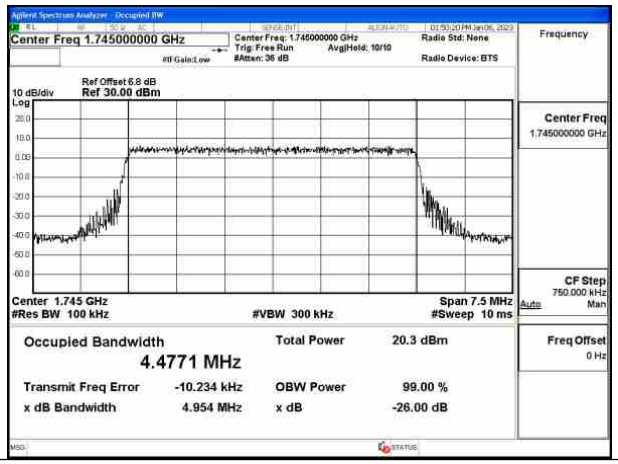


Fig.1

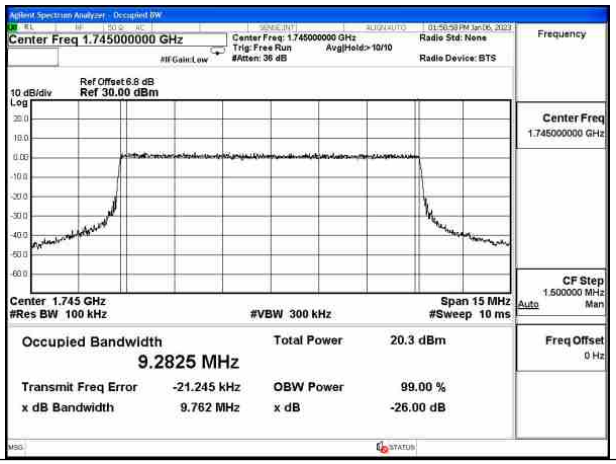


Fig.2

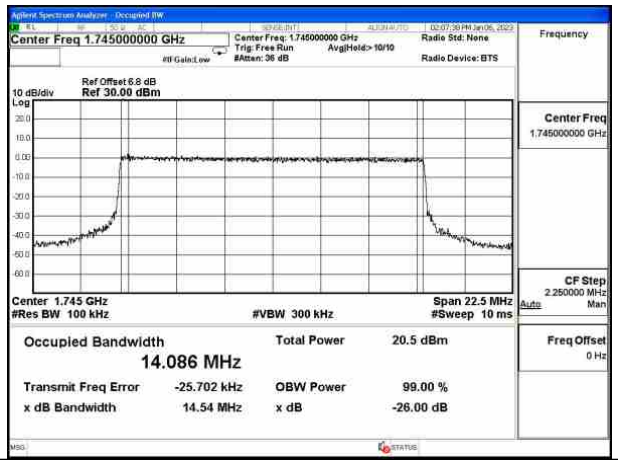


Fig.3

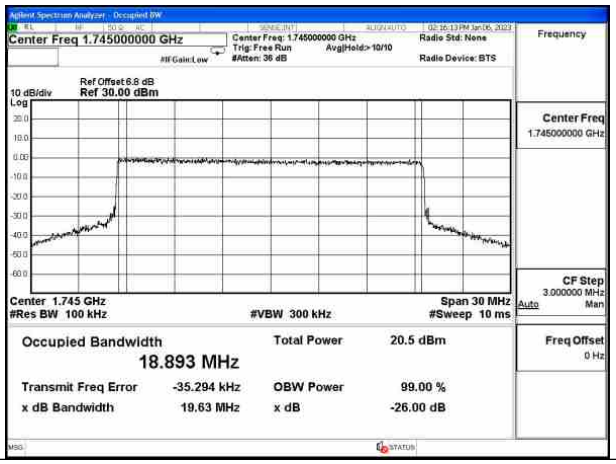


Fig.4

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:

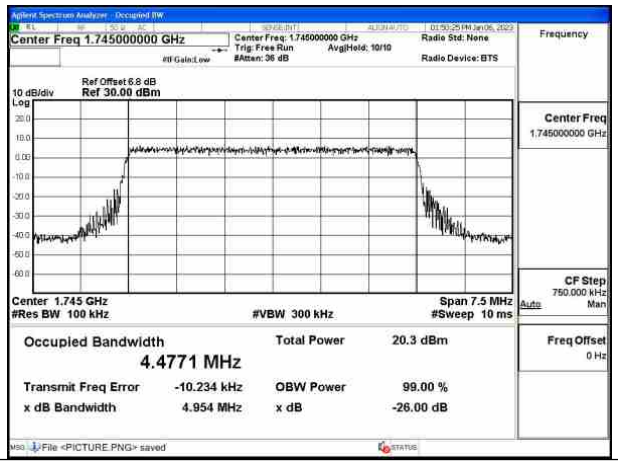


Fig.1

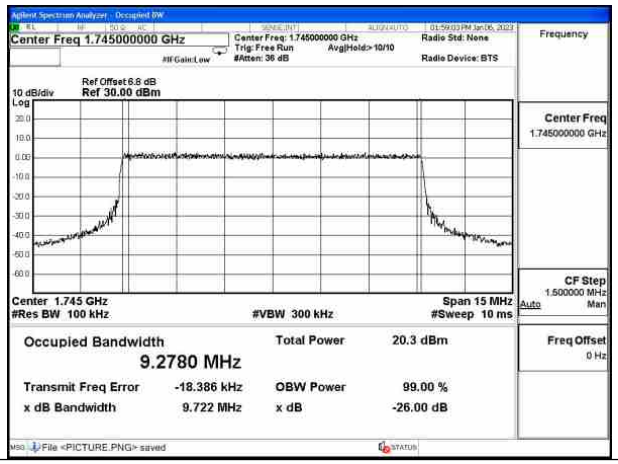


Fig.2

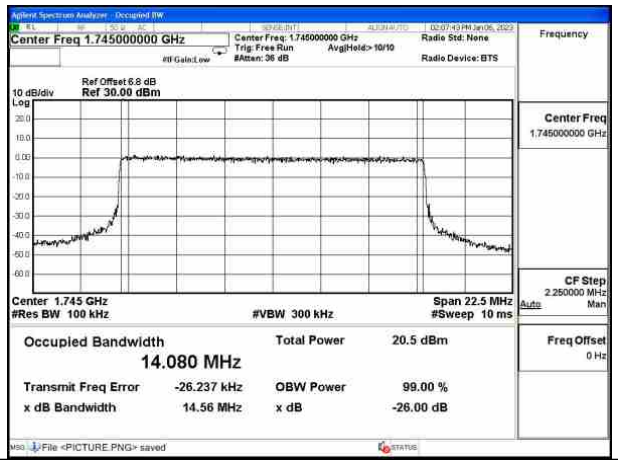


Fig.3

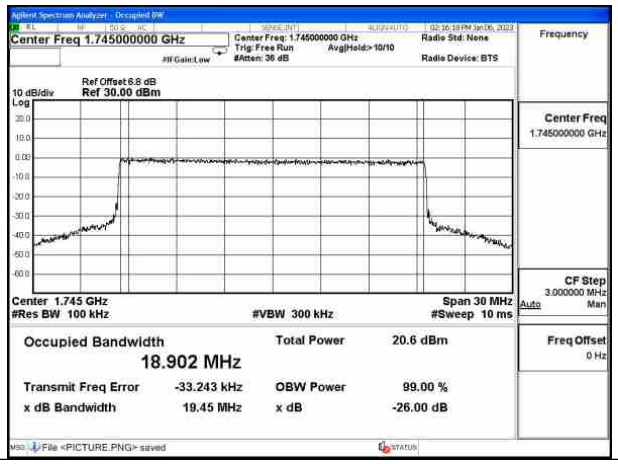


Fig.4

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:

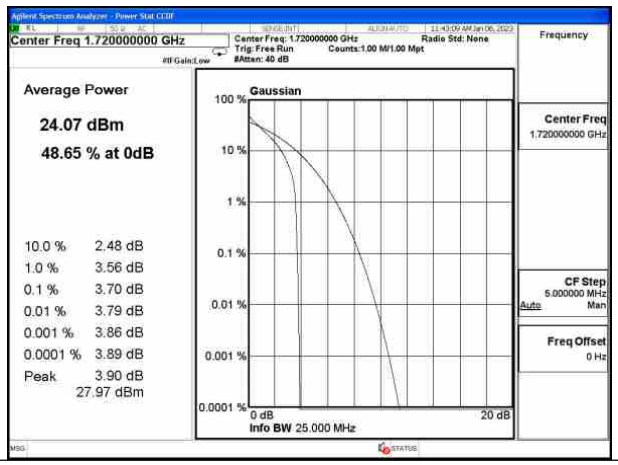


Fig.1

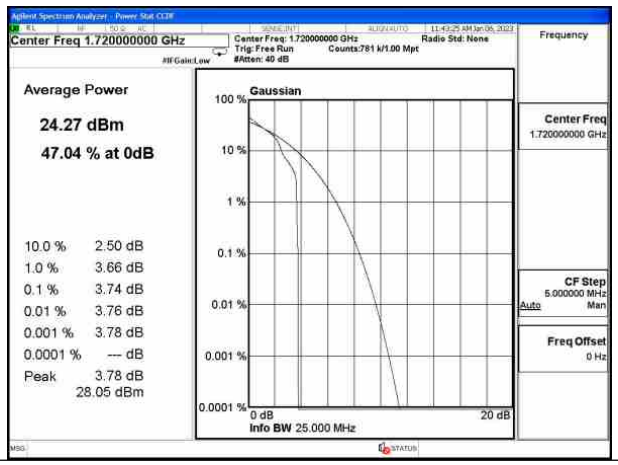


Fig.2

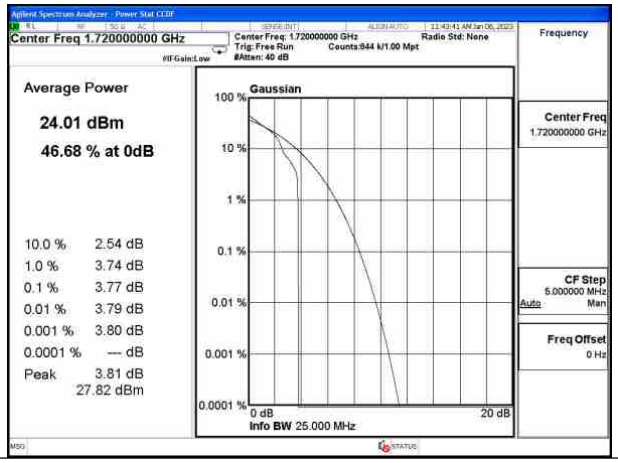


Fig.3

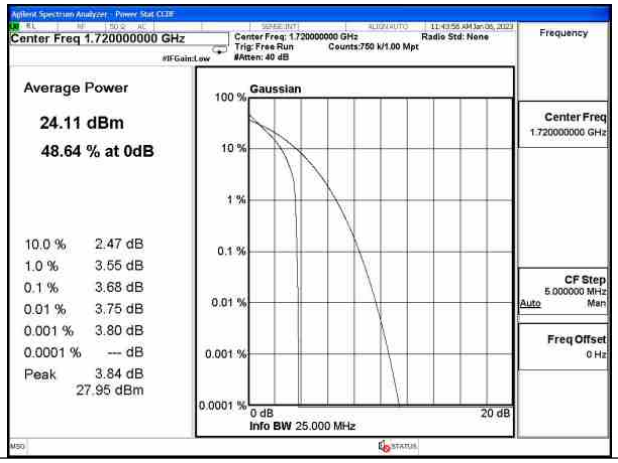


Fig.4

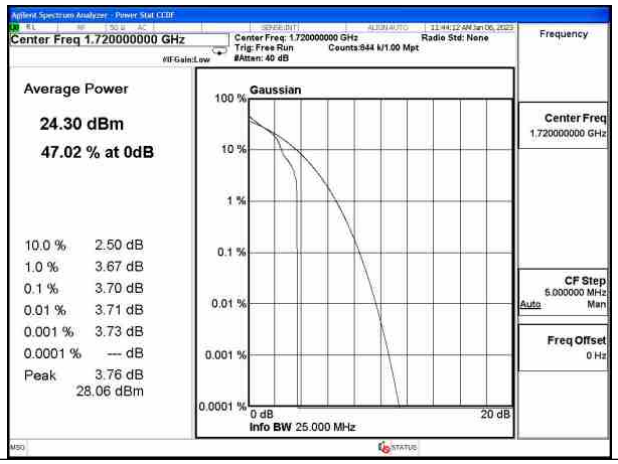


Fig.5

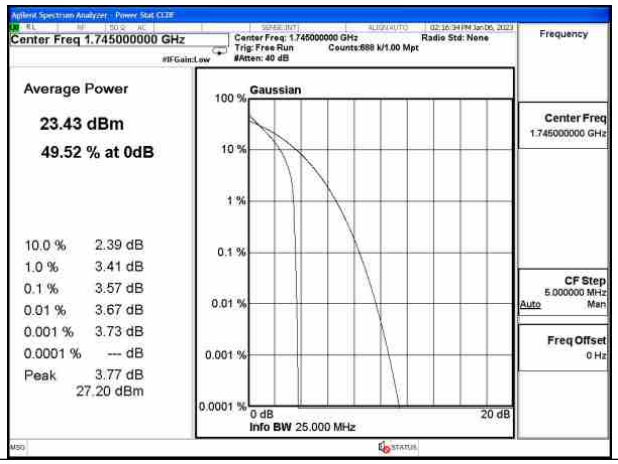


Fig.6

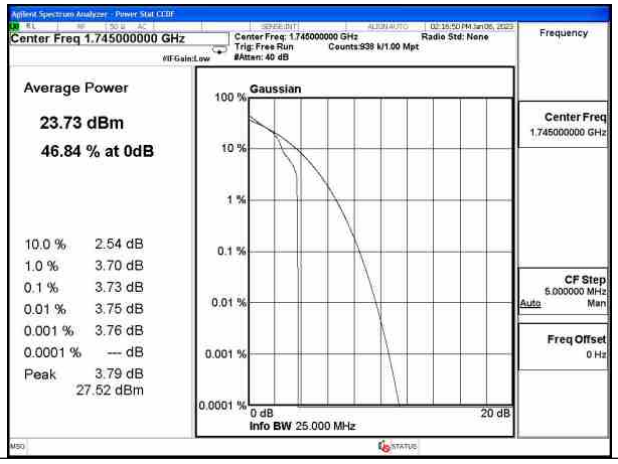


Fig.7

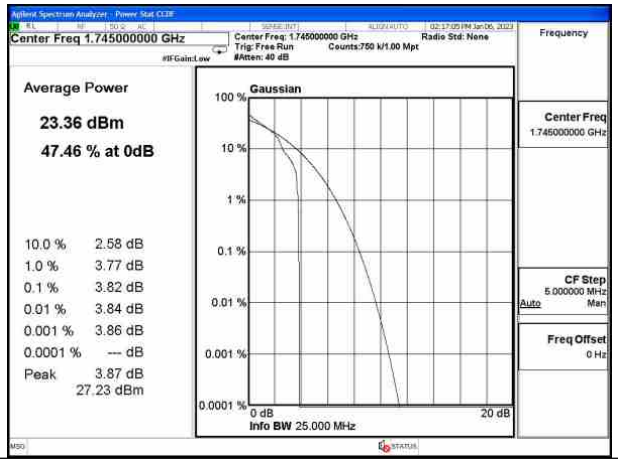


Fig.8

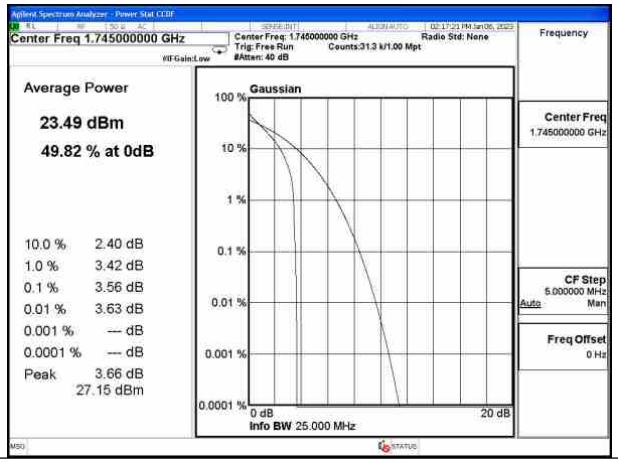


Fig.9

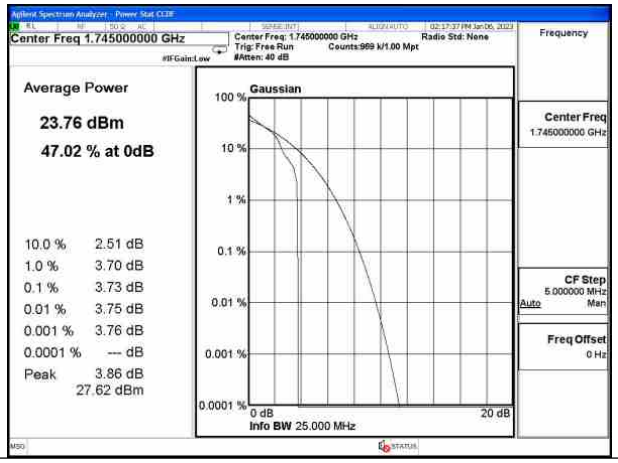


Fig.10

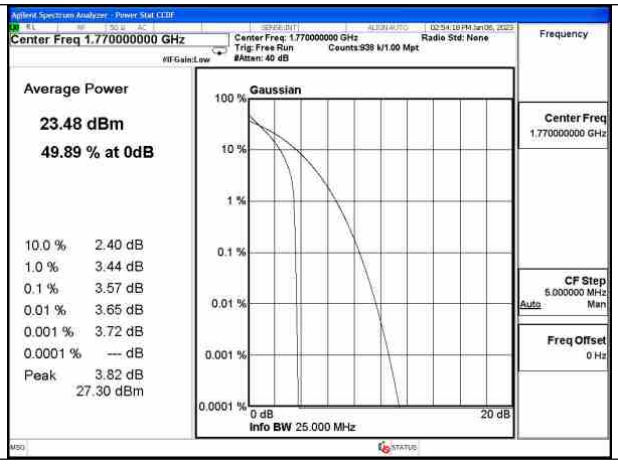


Fig.11

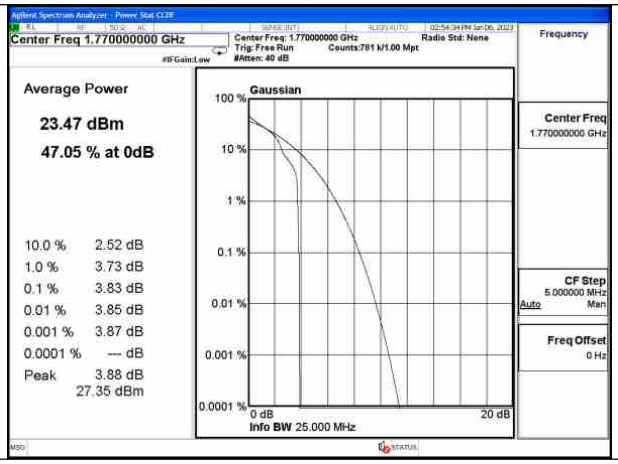


Fig.12

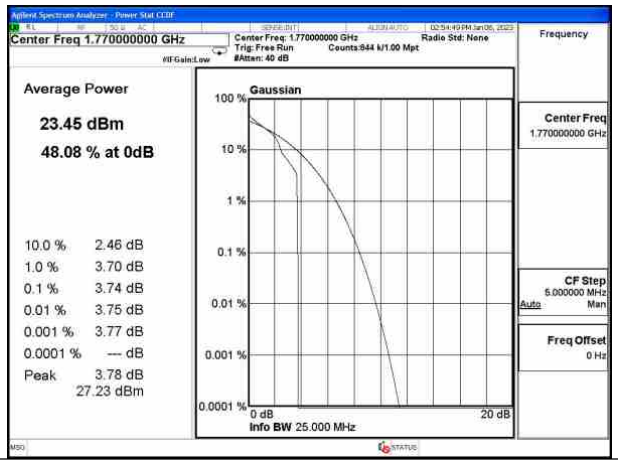


Fig.13

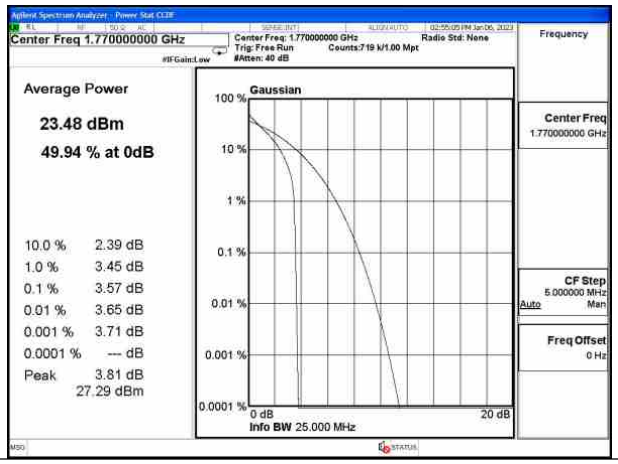


Fig.14

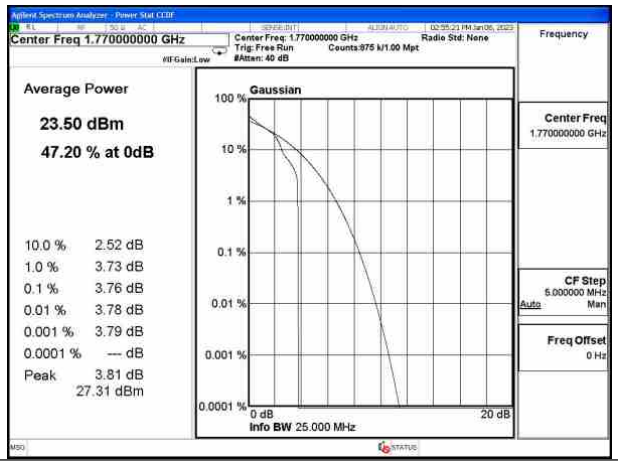


Fig.15

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:

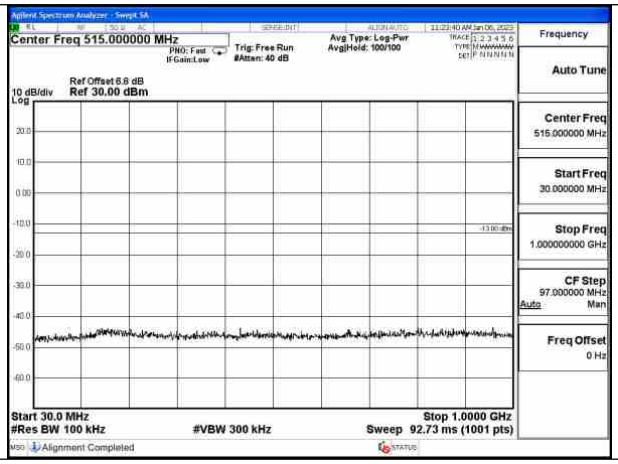
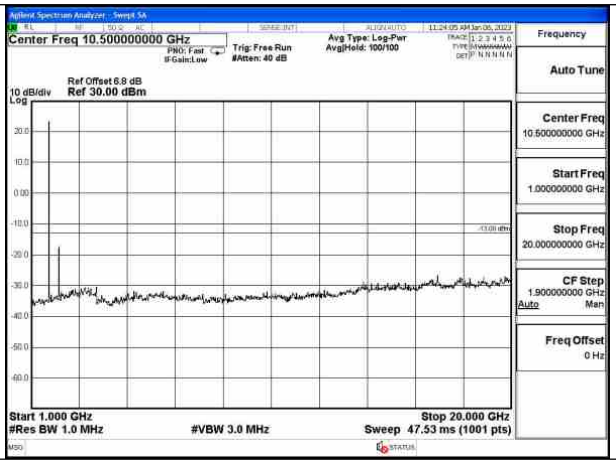


Fig.1



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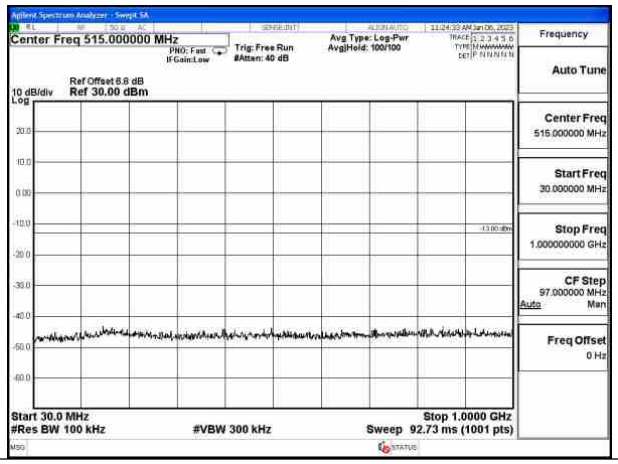

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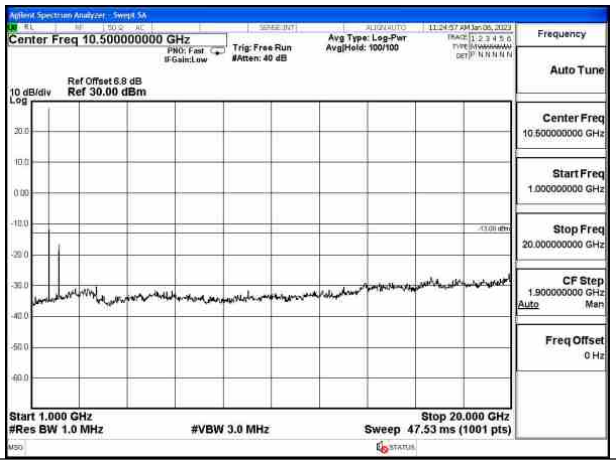

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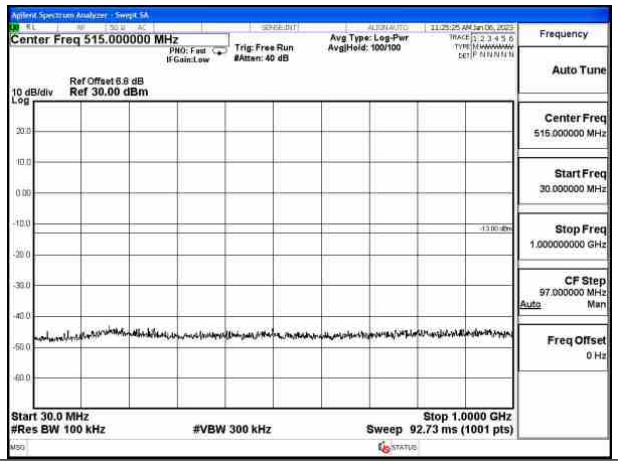

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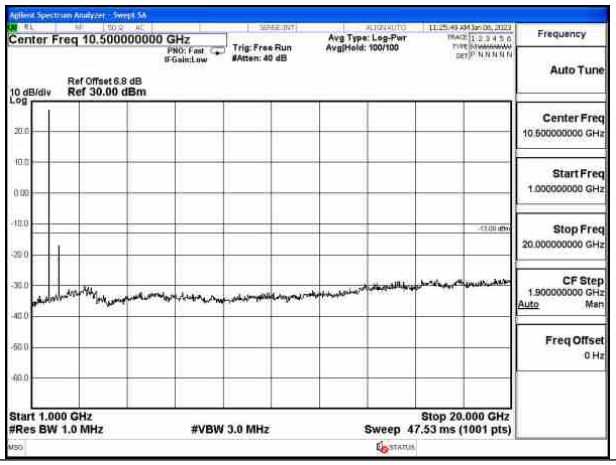

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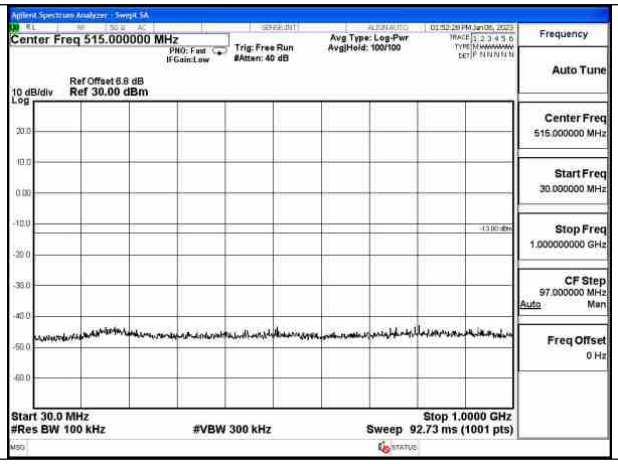

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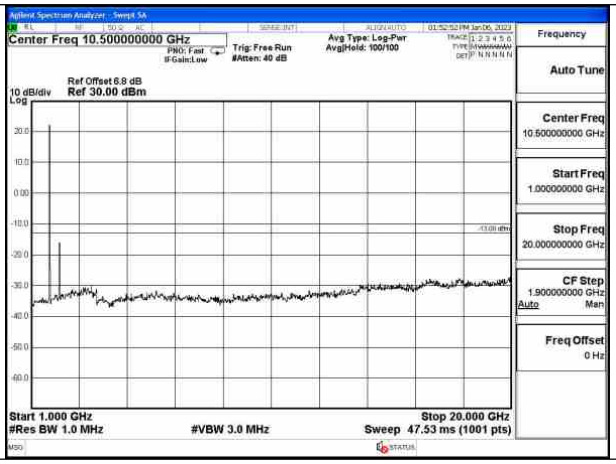

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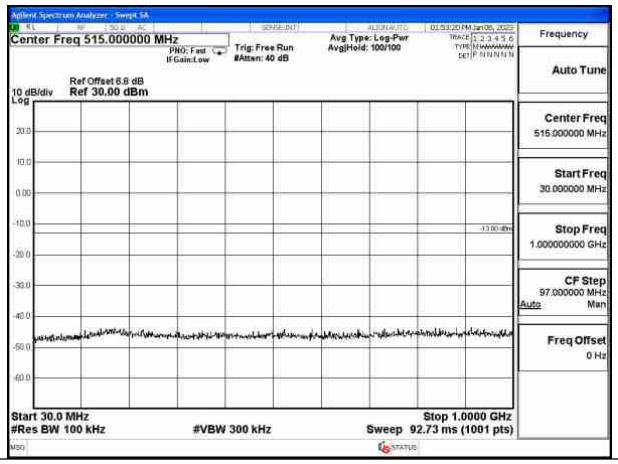

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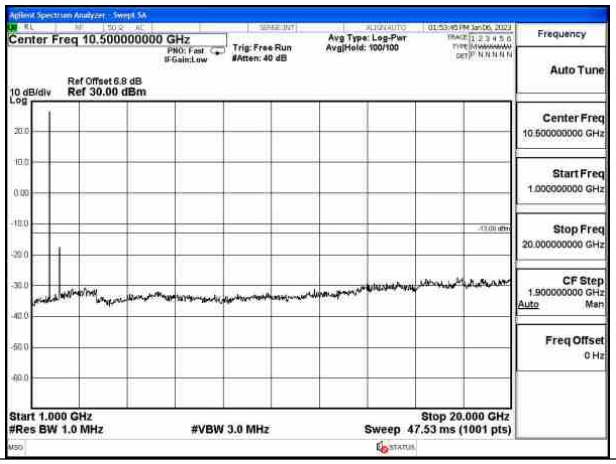

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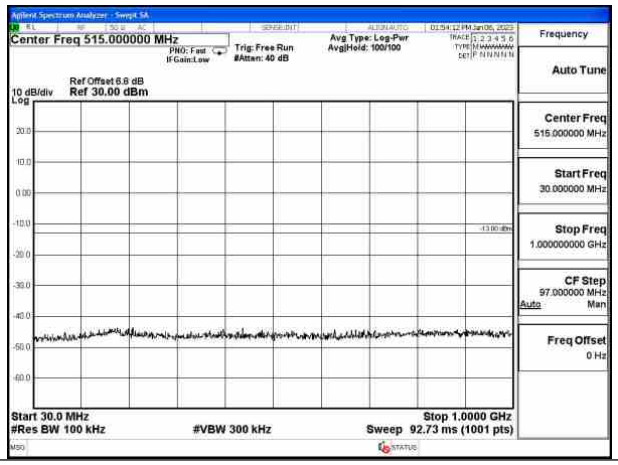

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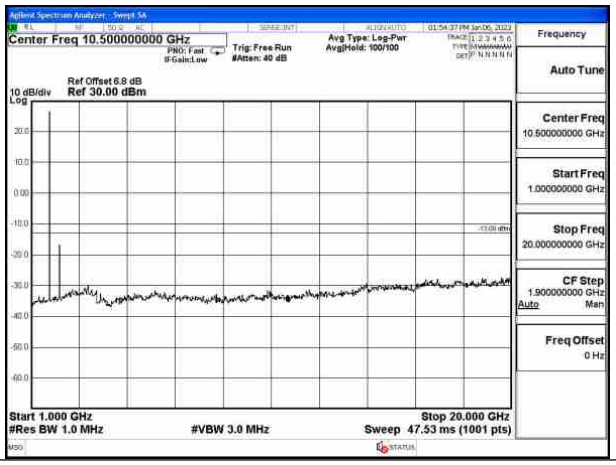

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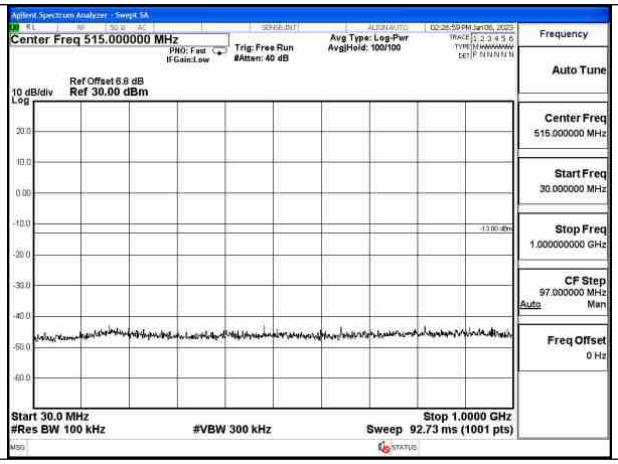

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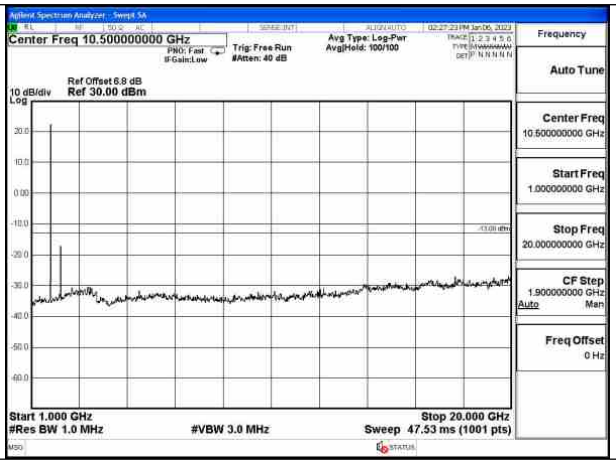
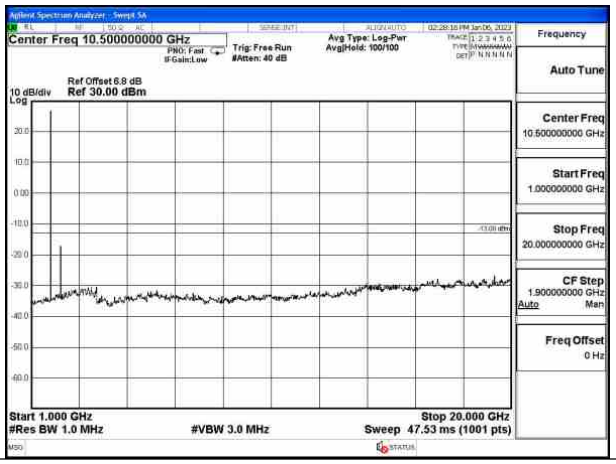


Fig.14

Fig.15



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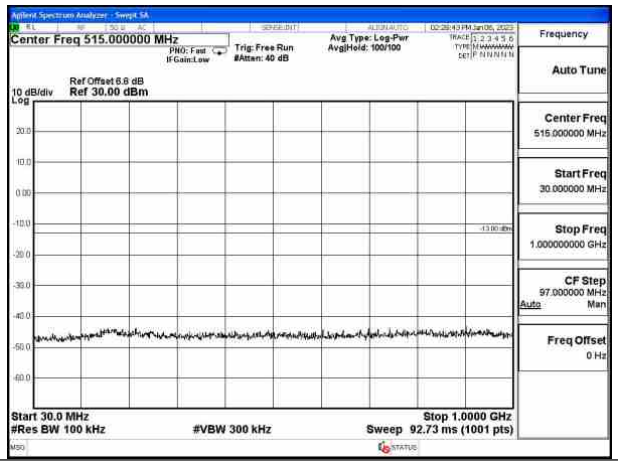

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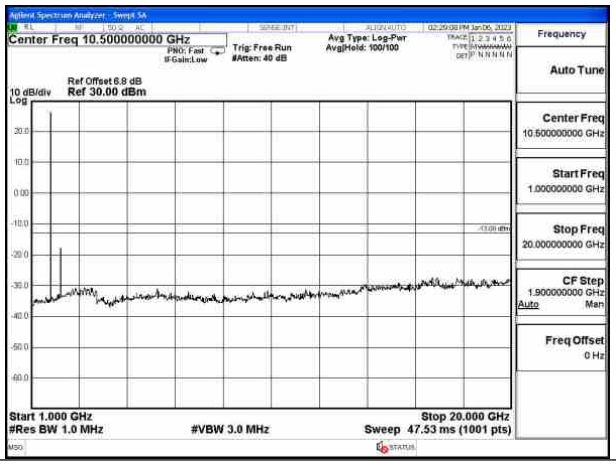

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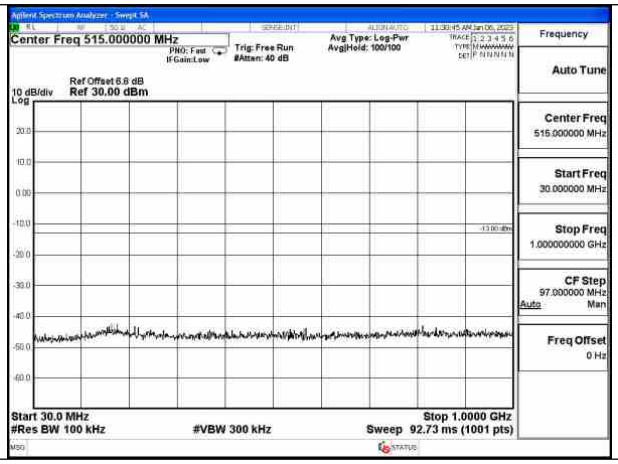

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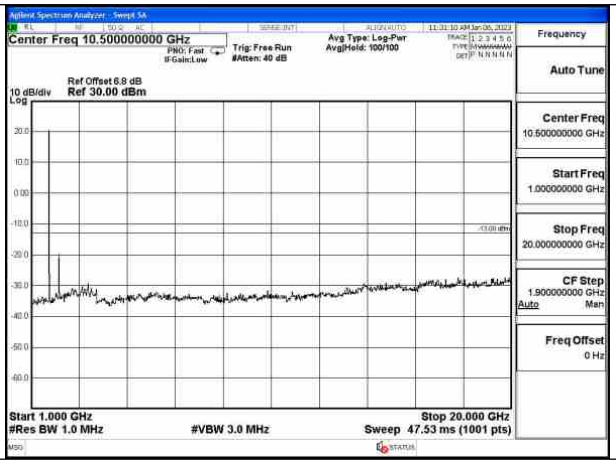

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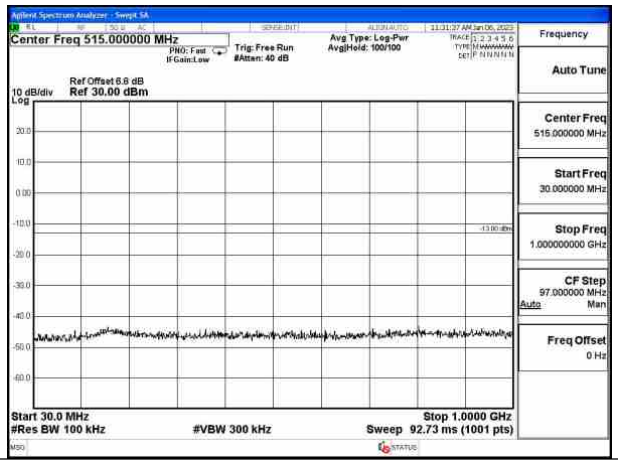

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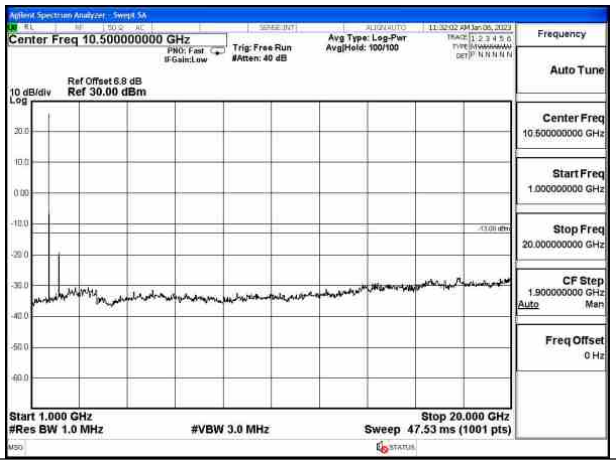

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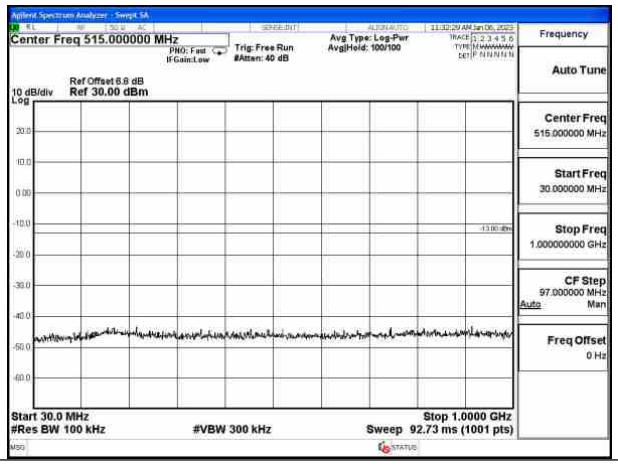

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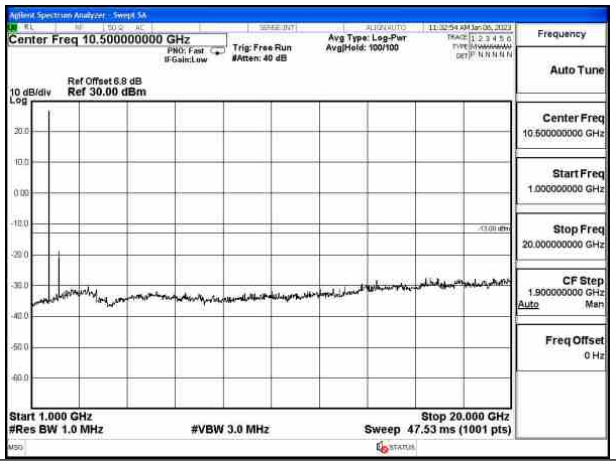

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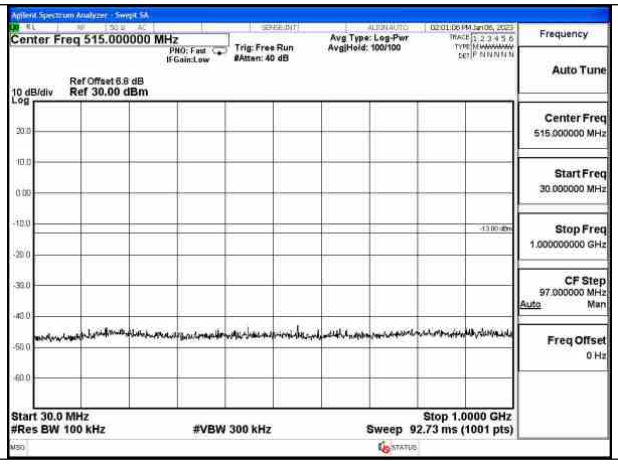

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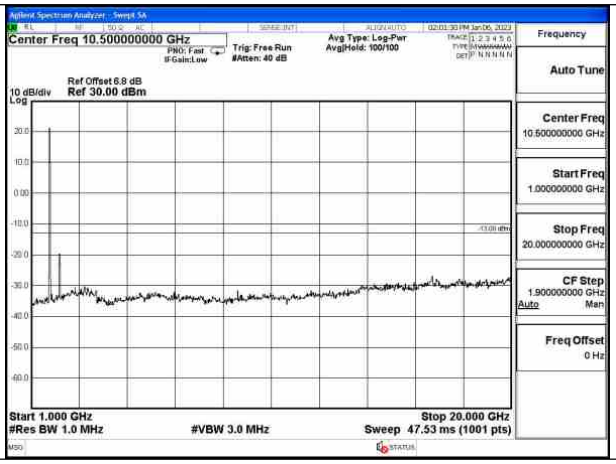

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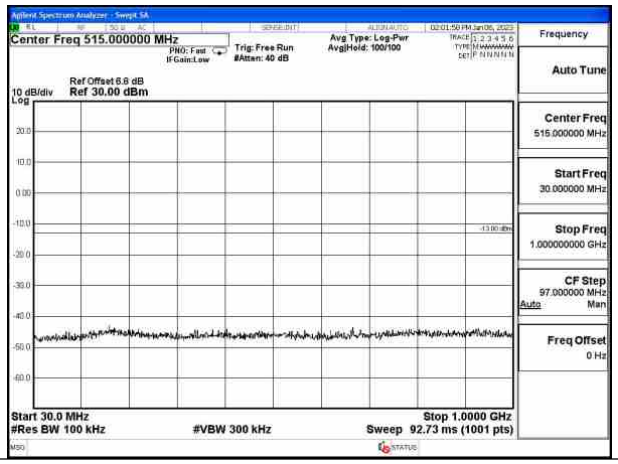

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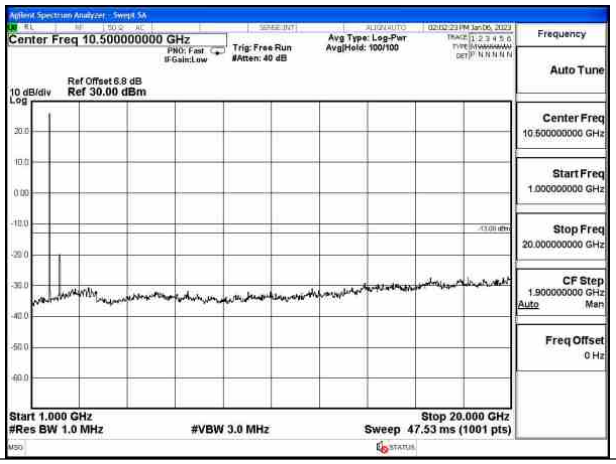
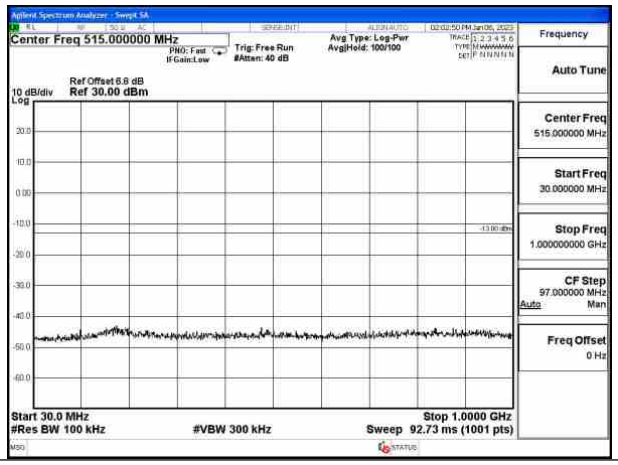


Fig.28



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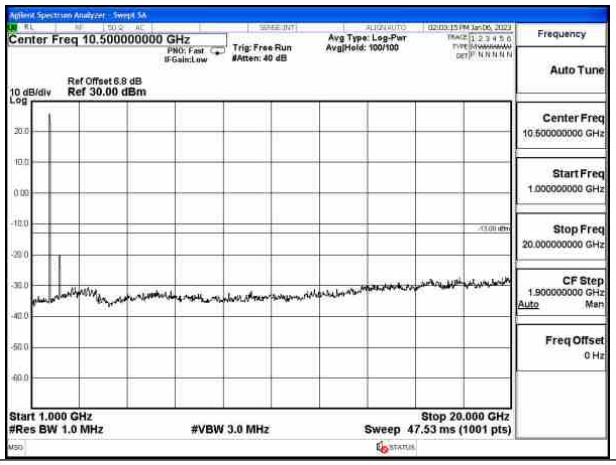

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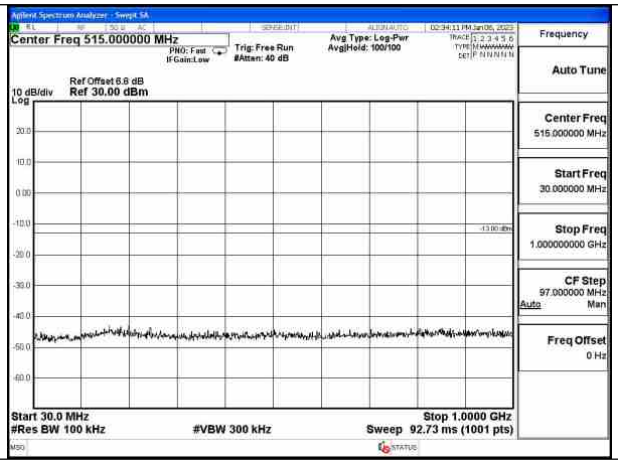

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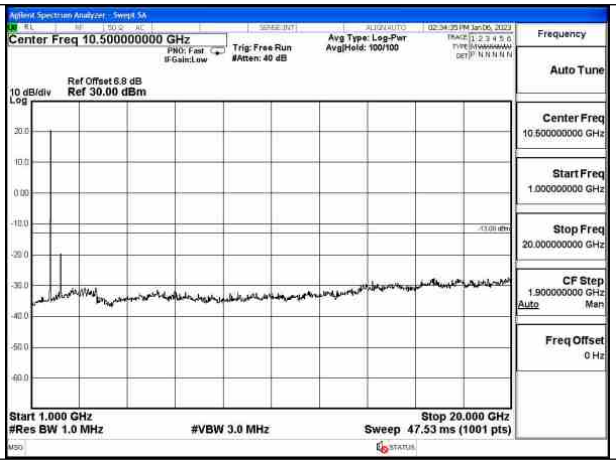

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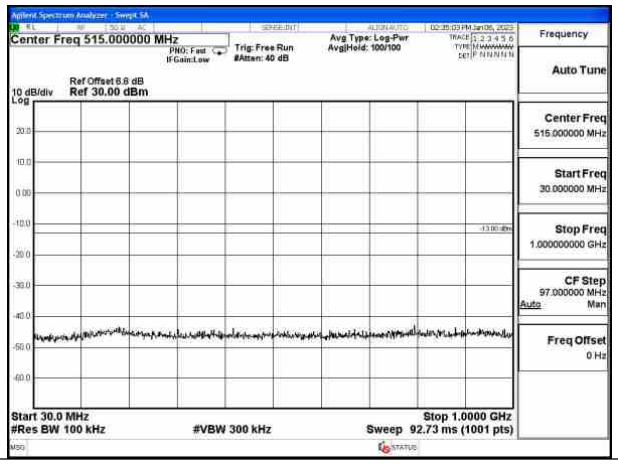
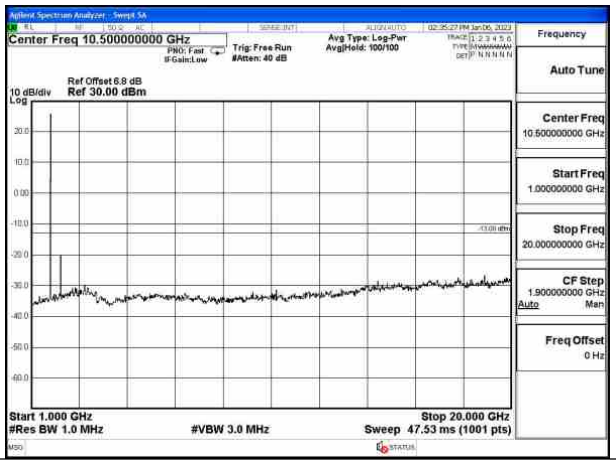


Fig.33



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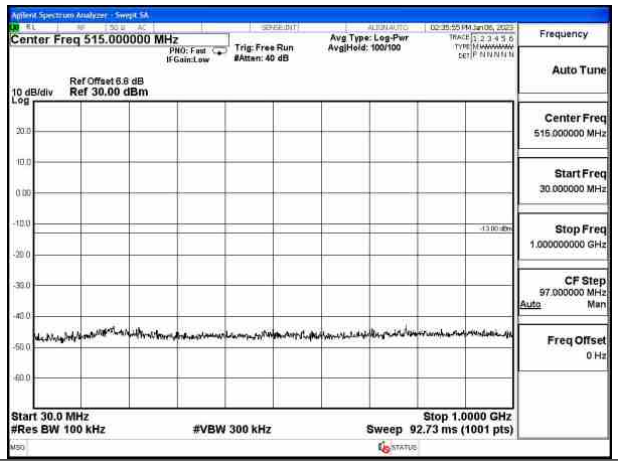

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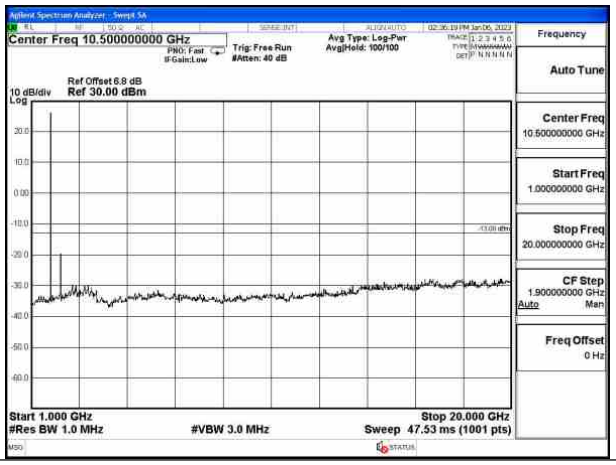

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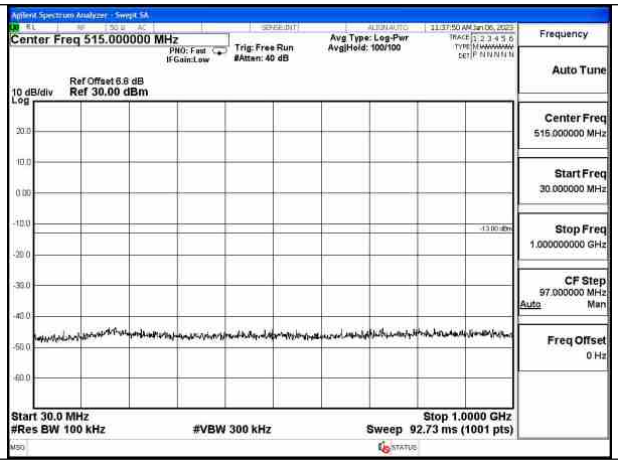

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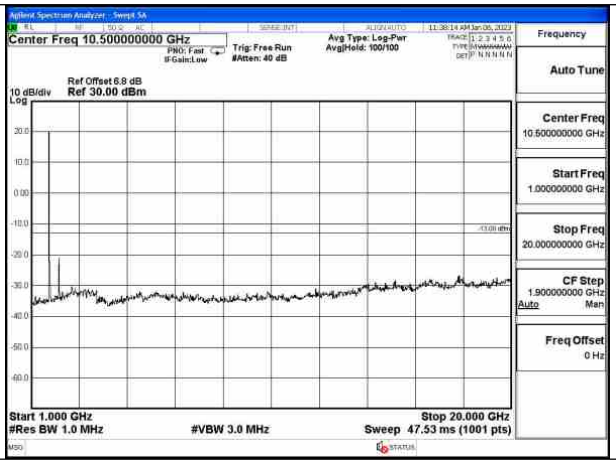

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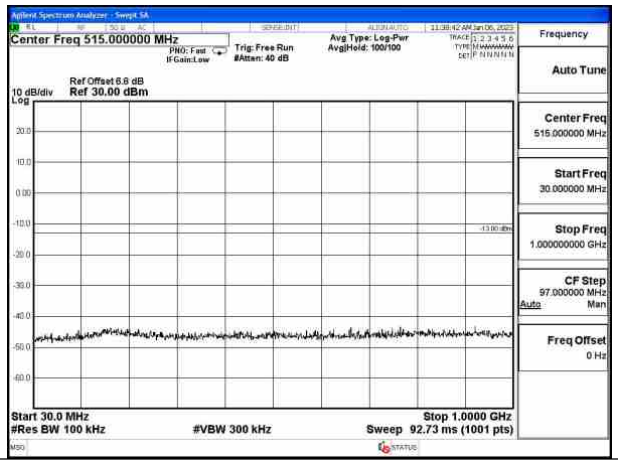

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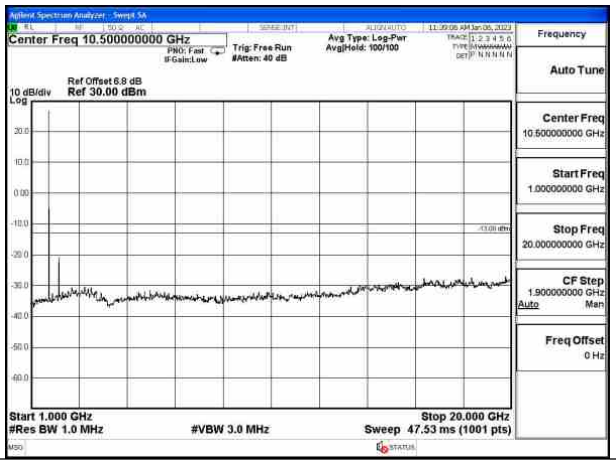
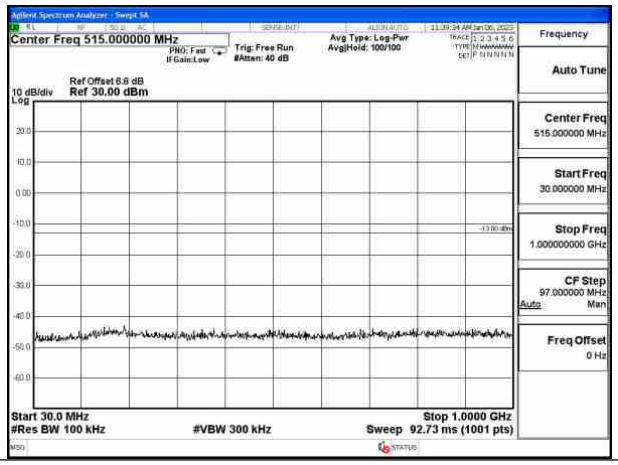


Fig.40



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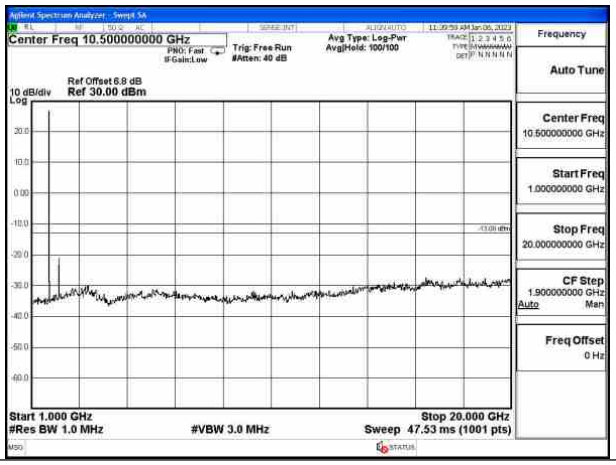

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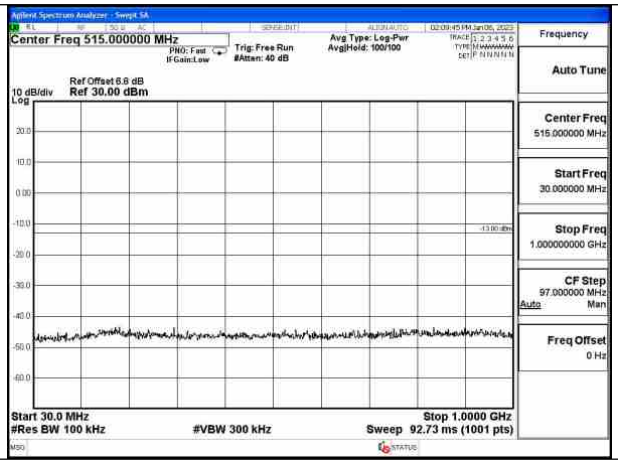

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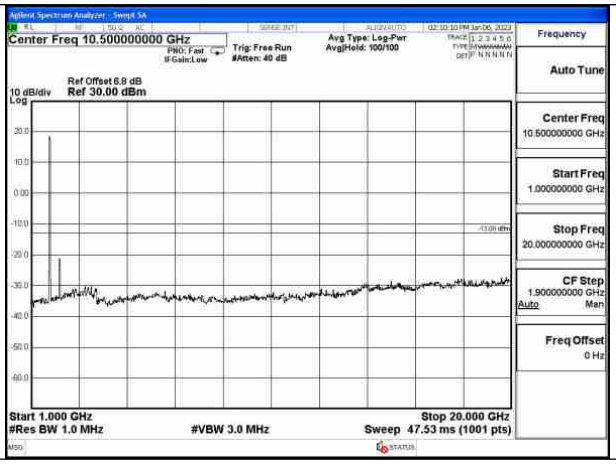

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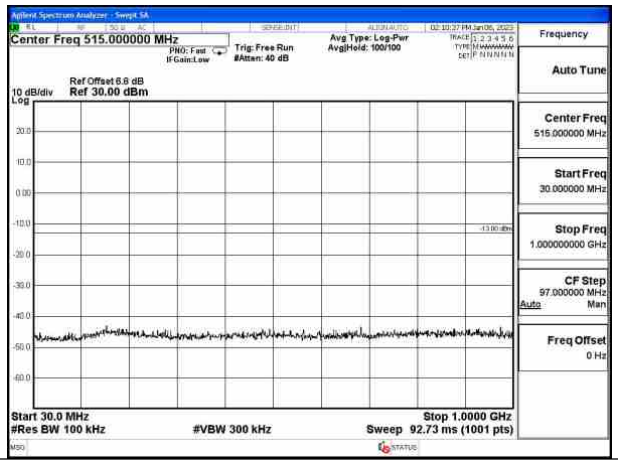

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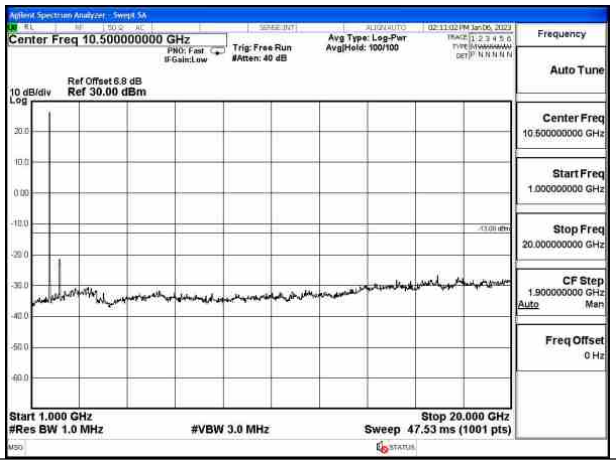

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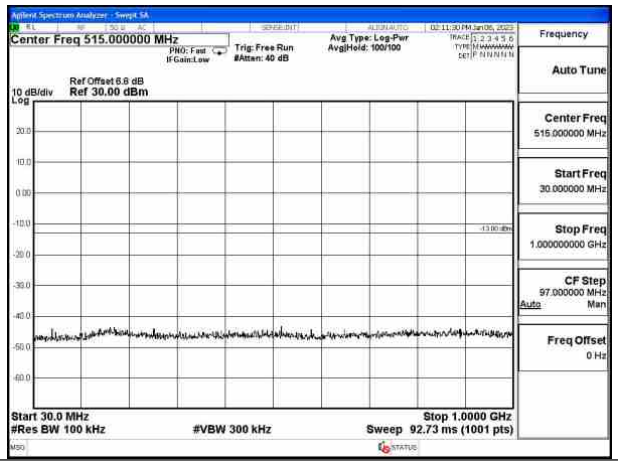
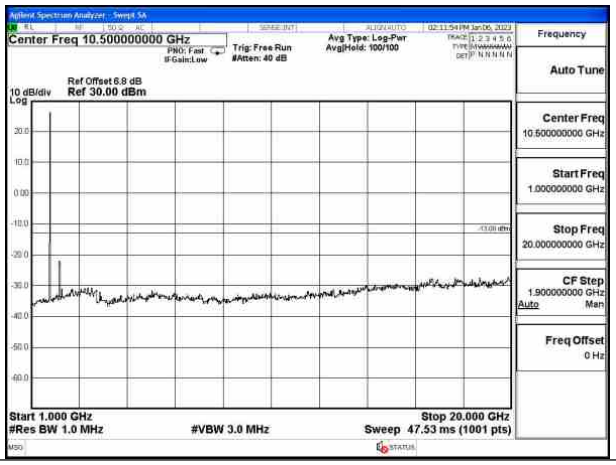


Fig.47



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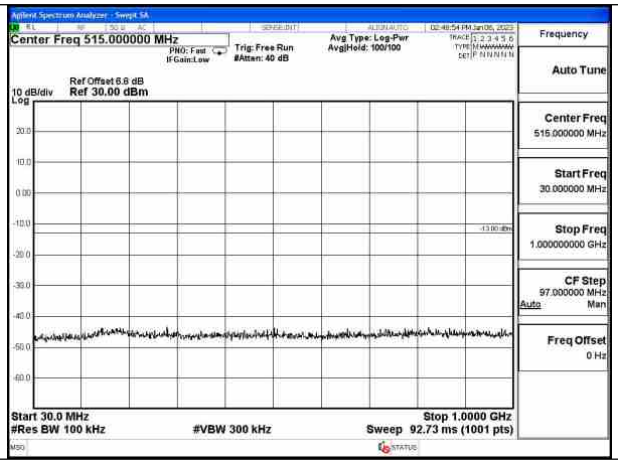

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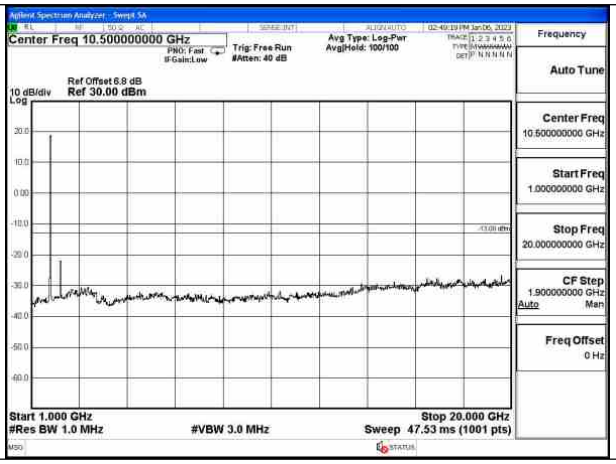
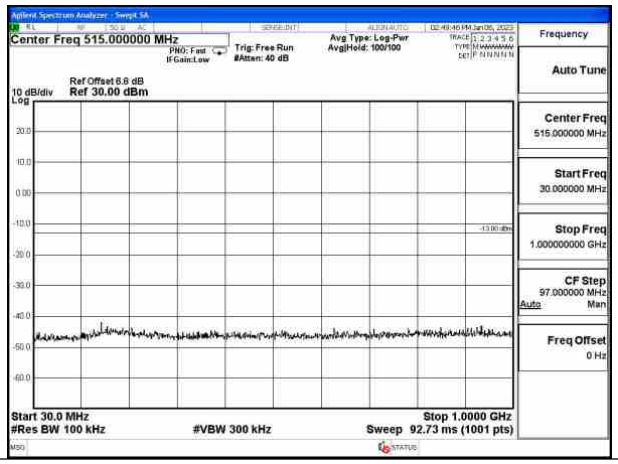


Fig.50



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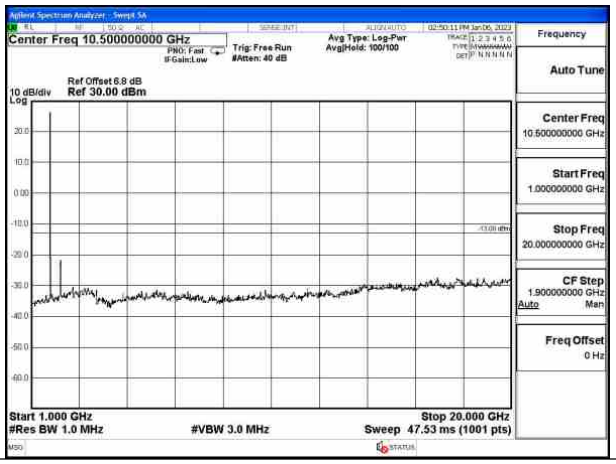

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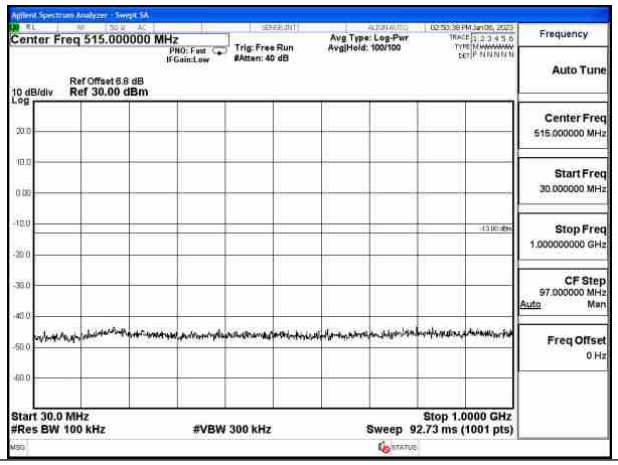

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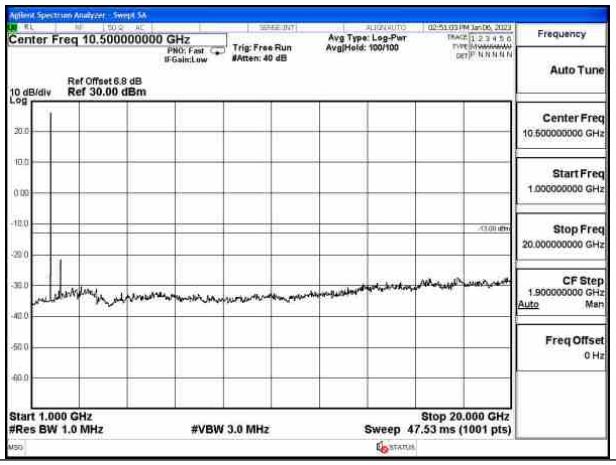

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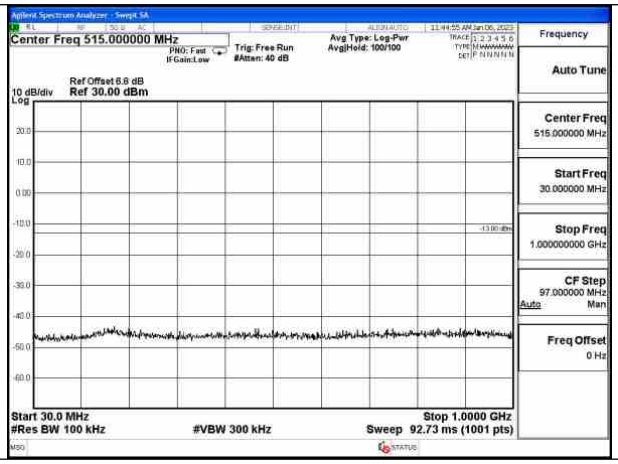

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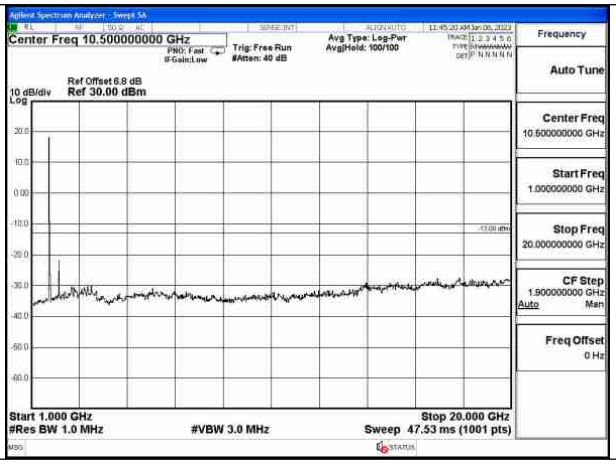

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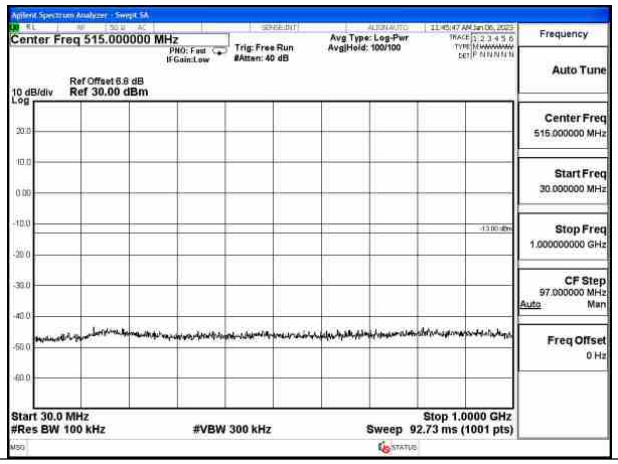

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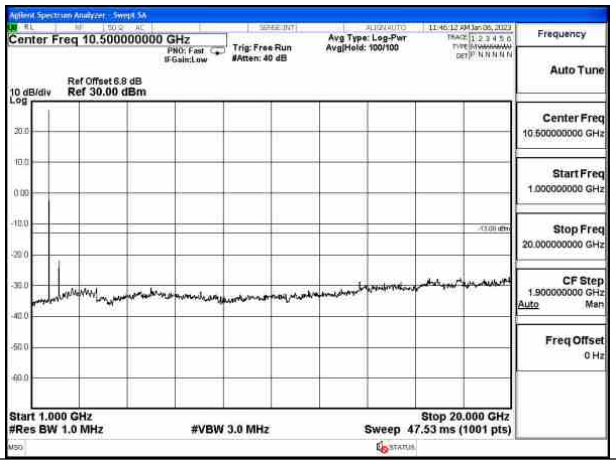

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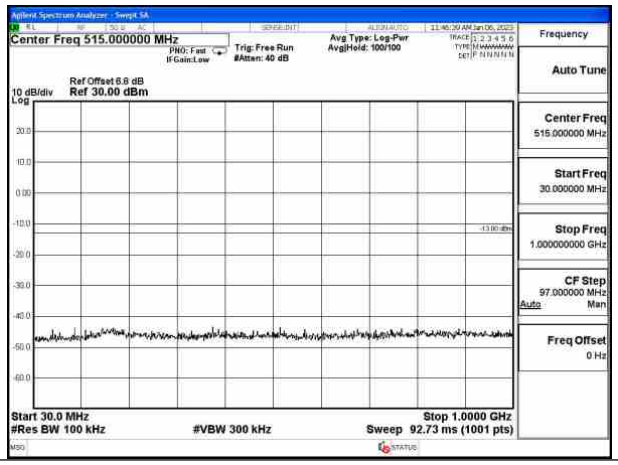

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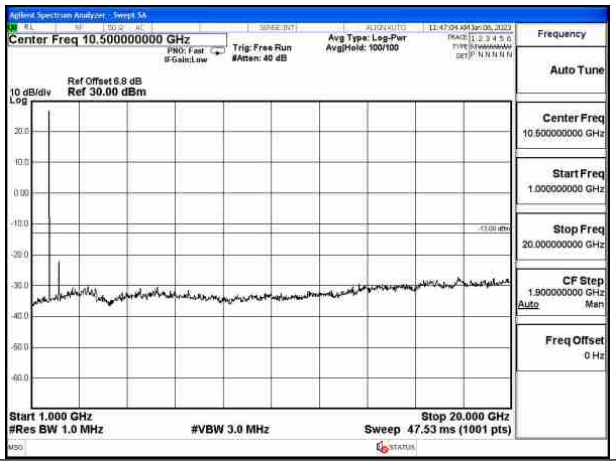

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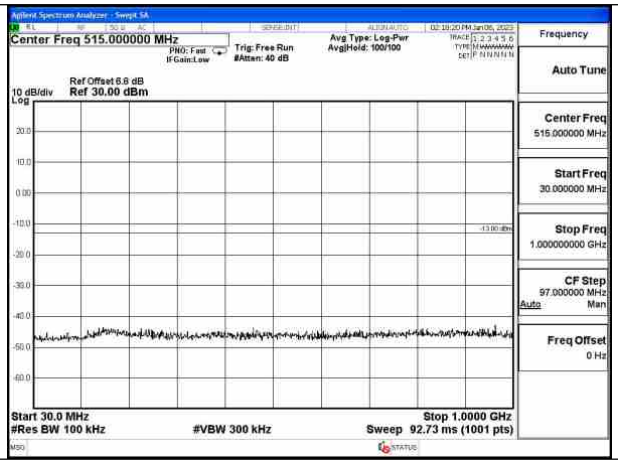


Fig.61

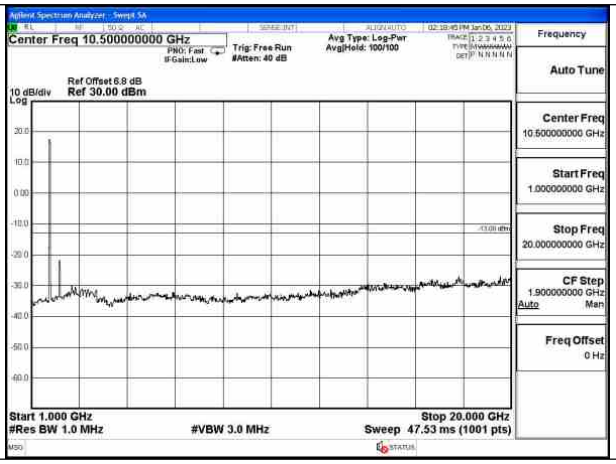
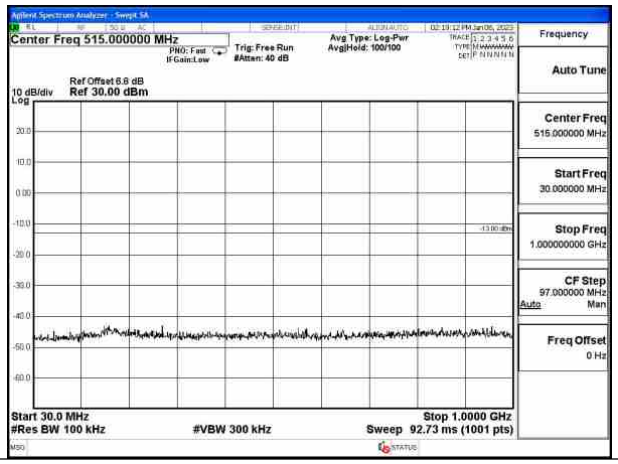


Fig.62



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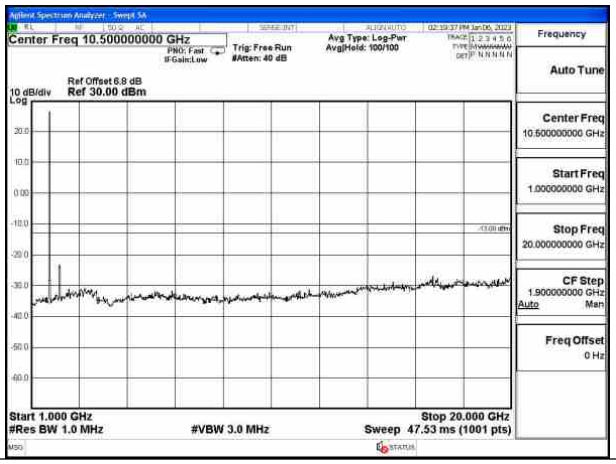
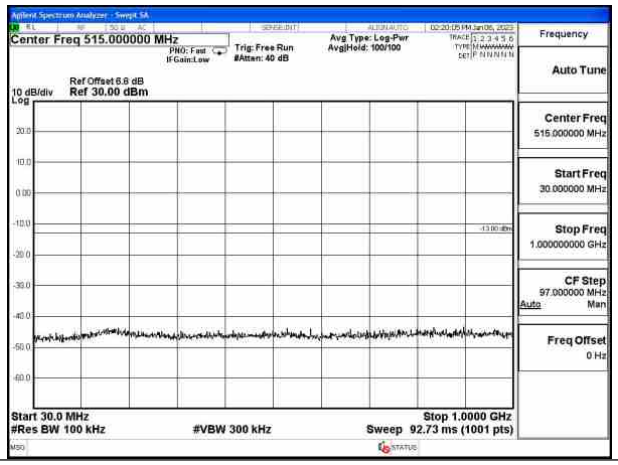


Fig.64



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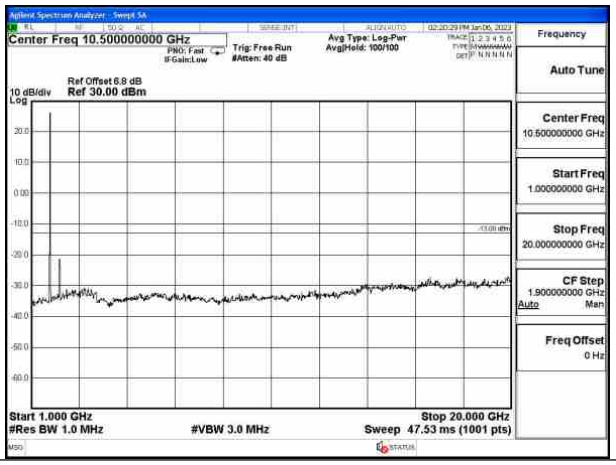

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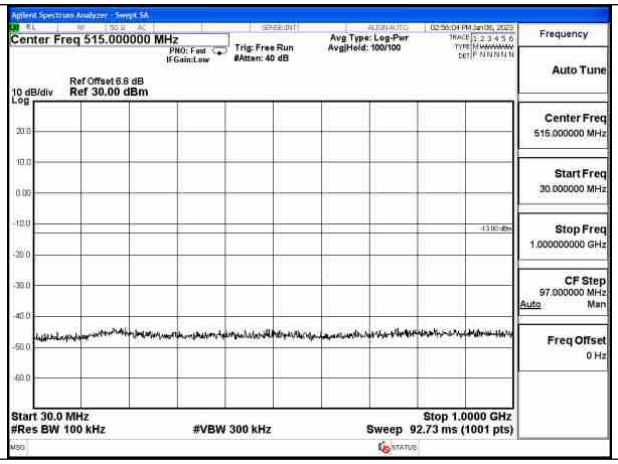

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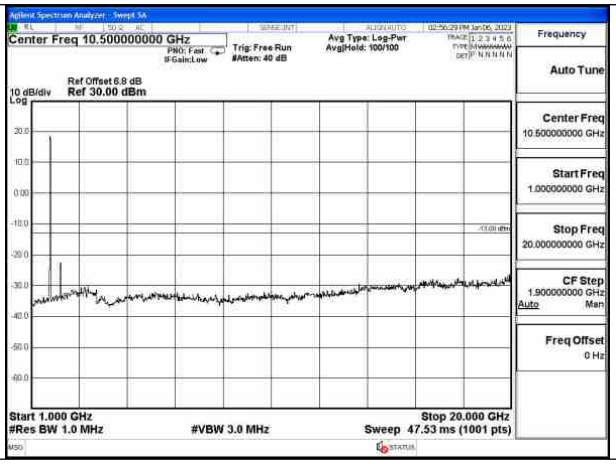

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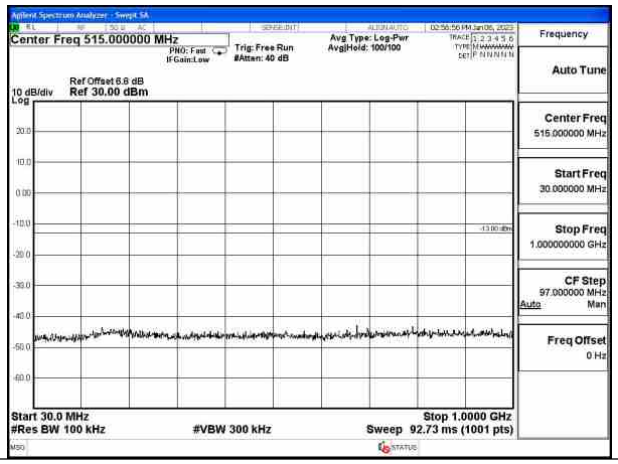

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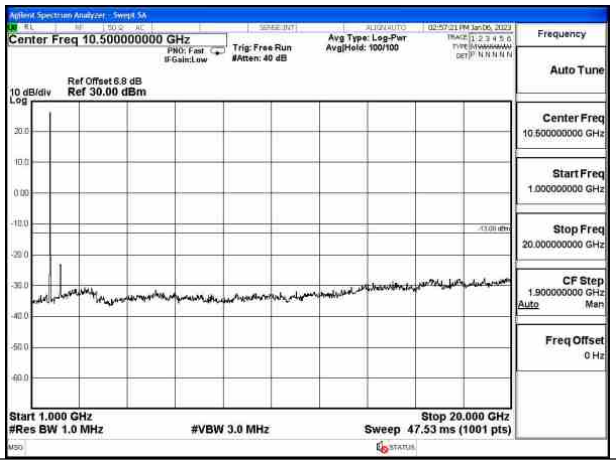


Fig.70

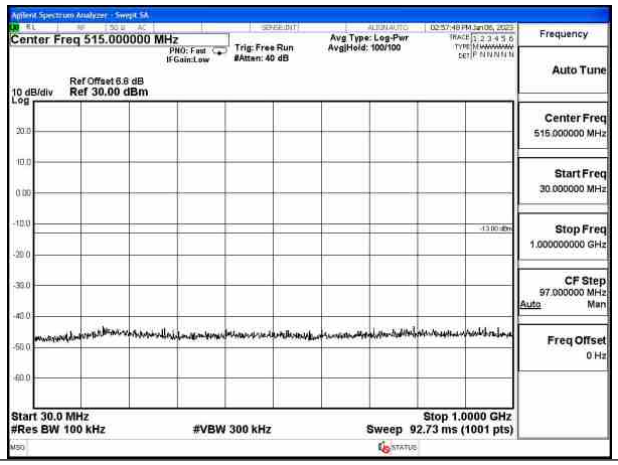


Fig.71

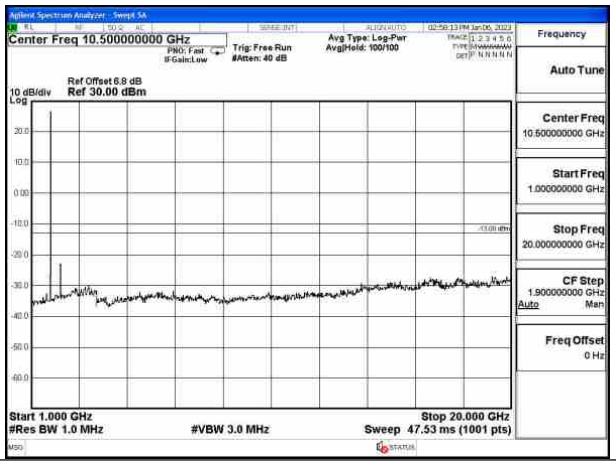


Fig.72

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:

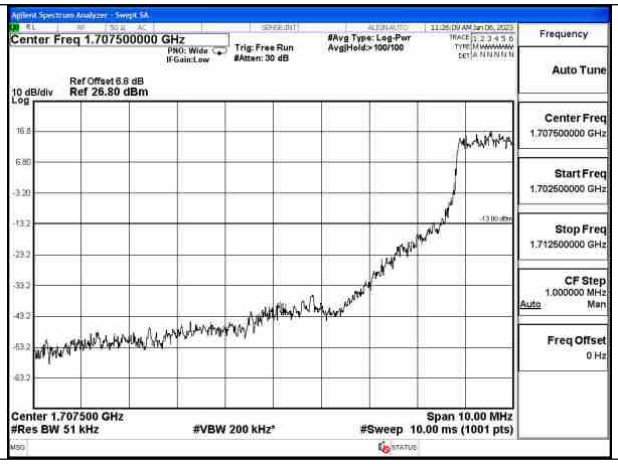


Fig.1

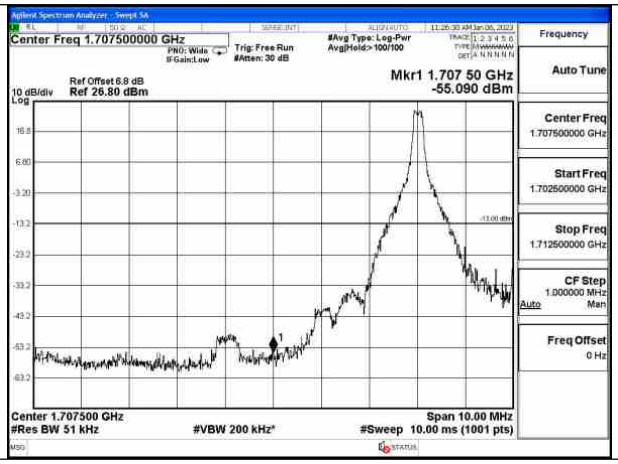


Fig.2

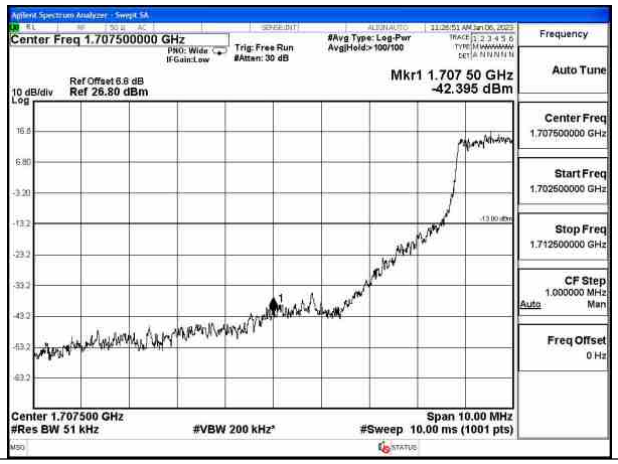


Fig.3

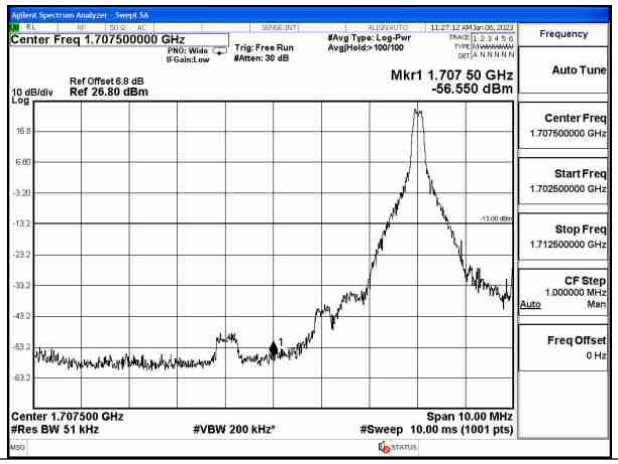


Fig.4

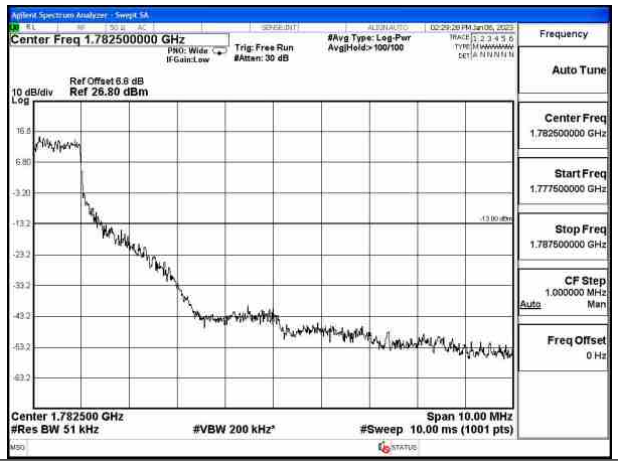


Fig.5

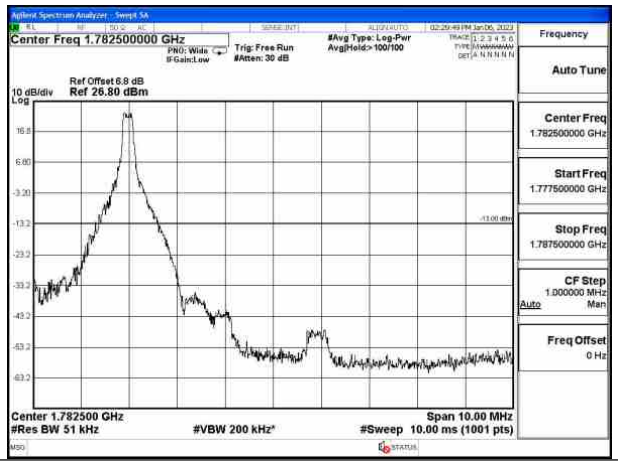


Fig.6

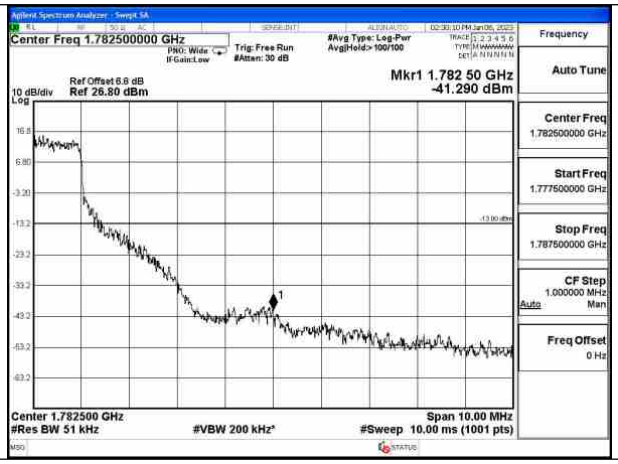


Fig.7

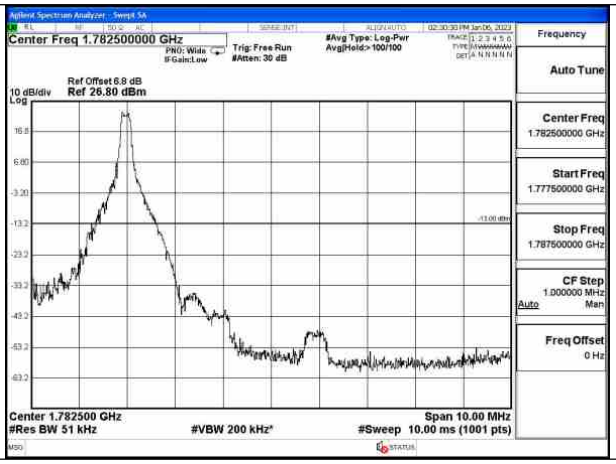


Fig.8

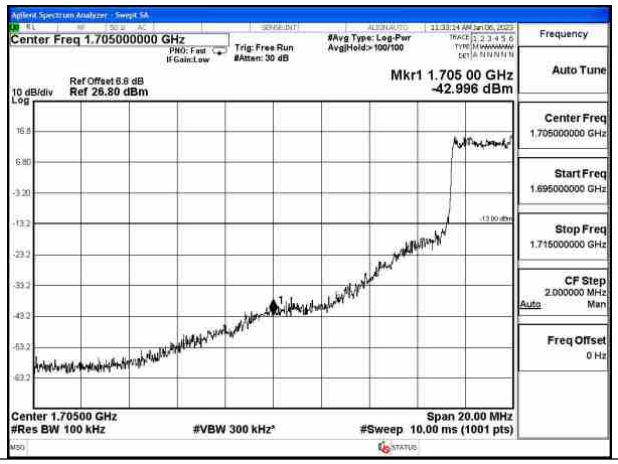


Fig.9

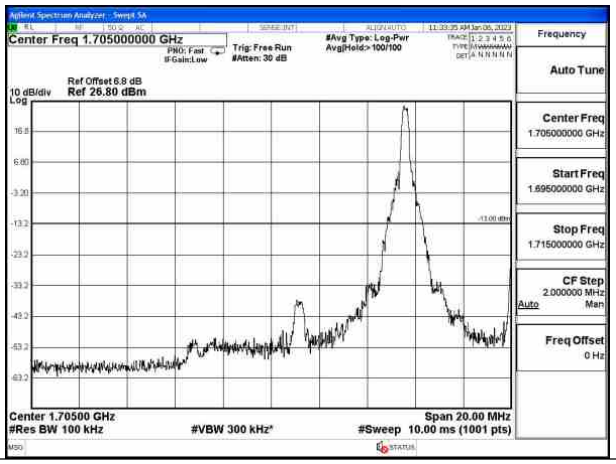


Fig.10

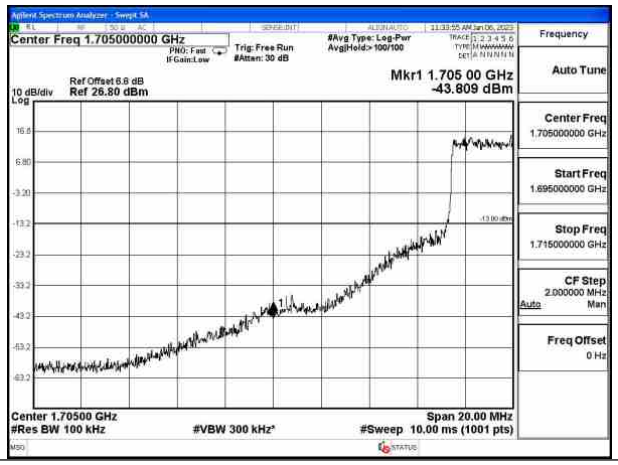


Fig.11

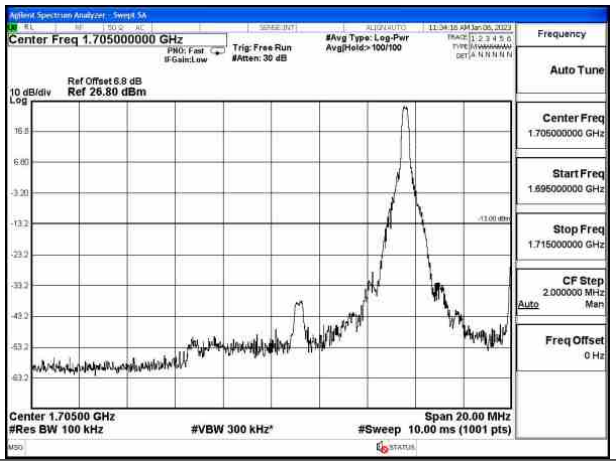


Fig.12

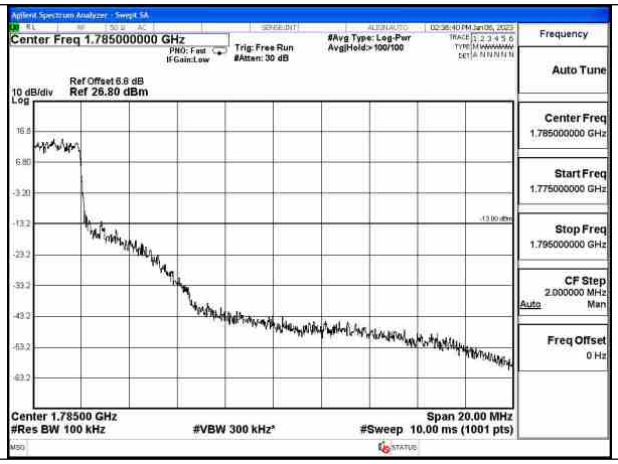


Fig.13

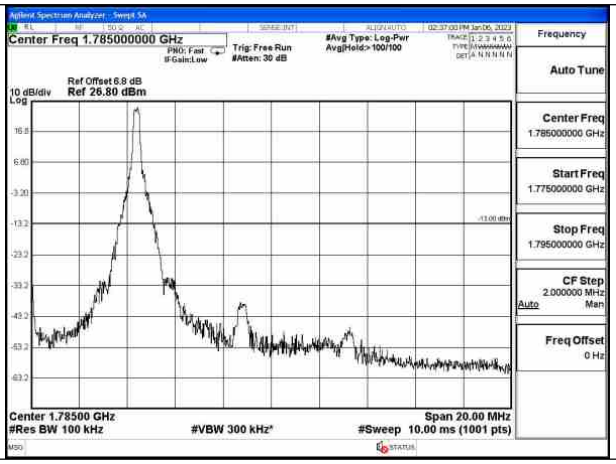


Fig.14

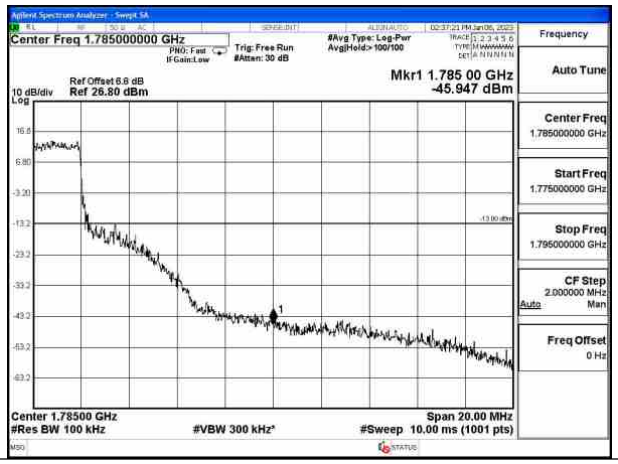


Fig.15

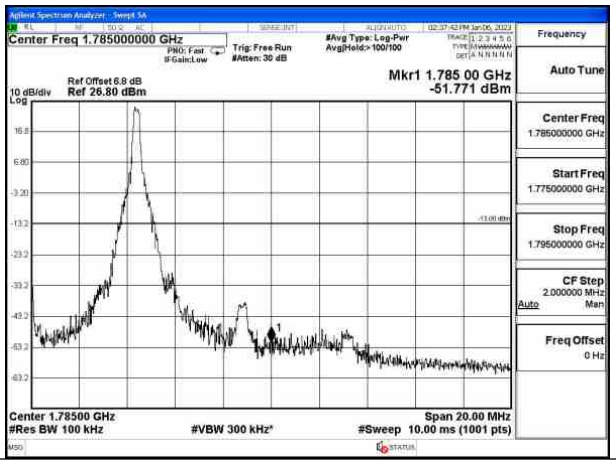


Fig.16

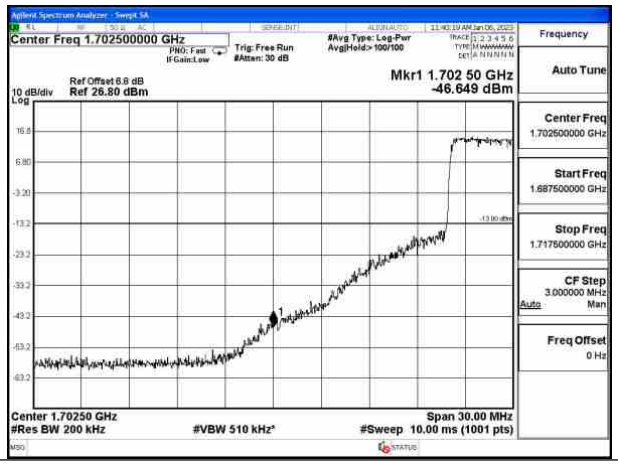


Fig.17

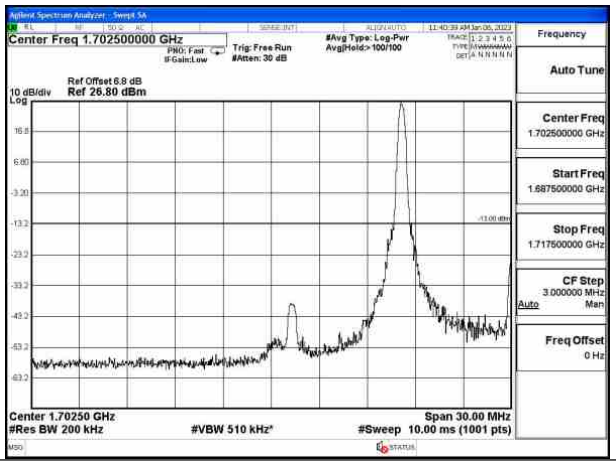
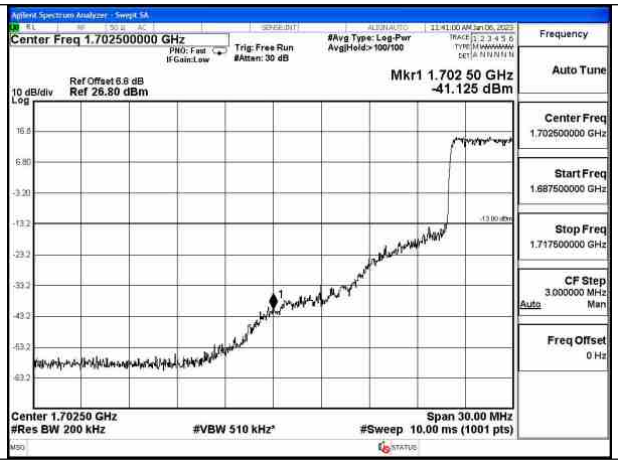


Fig.18



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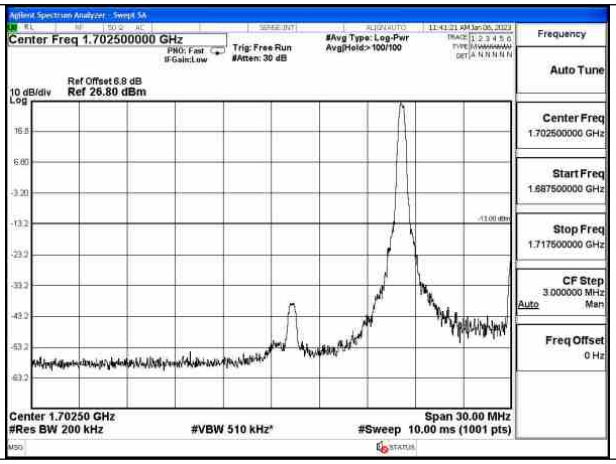

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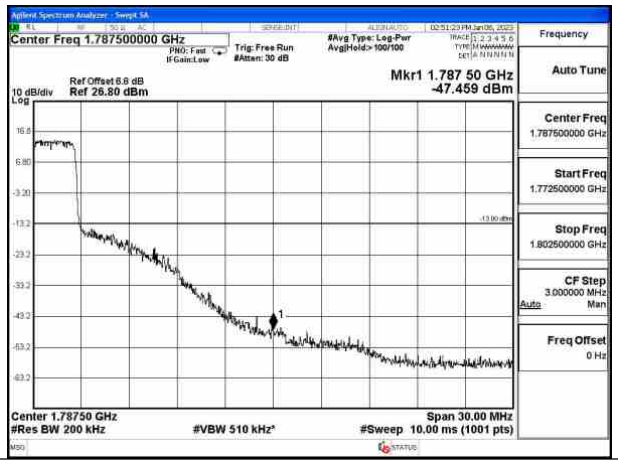

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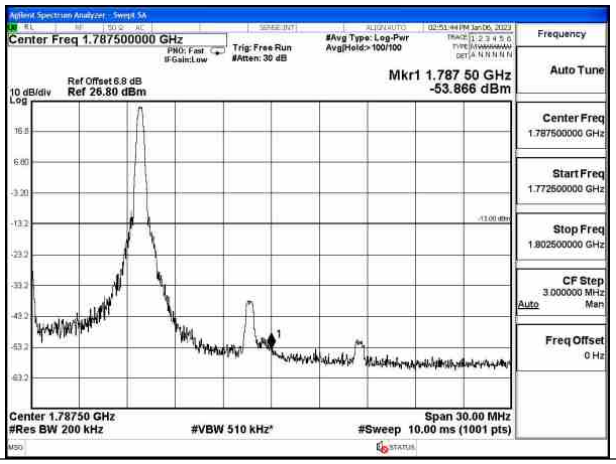

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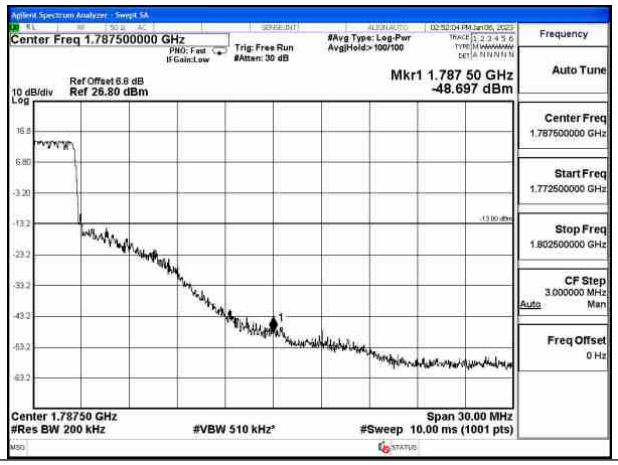

Fig.23

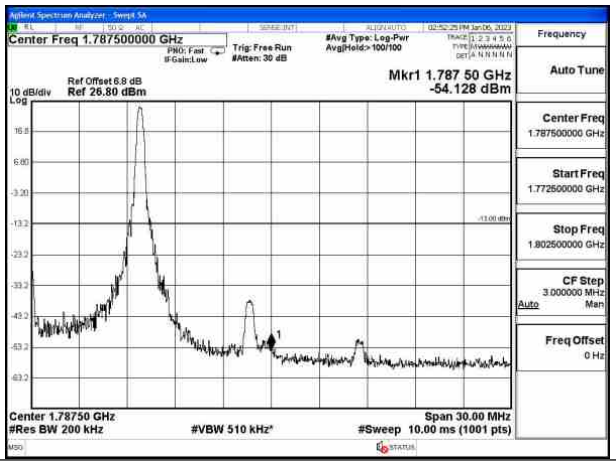

Fig.24

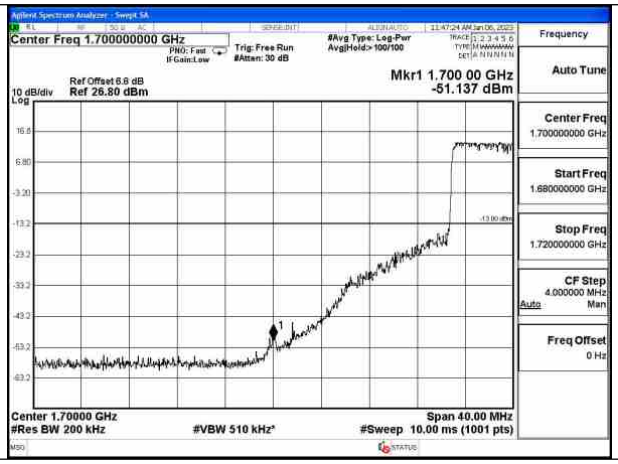

Fig.25

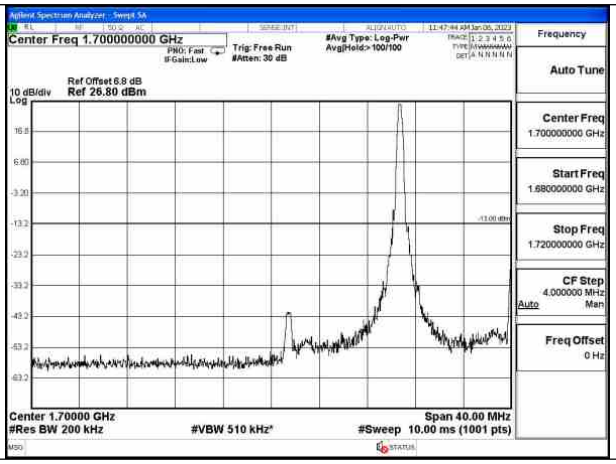

Fig.26

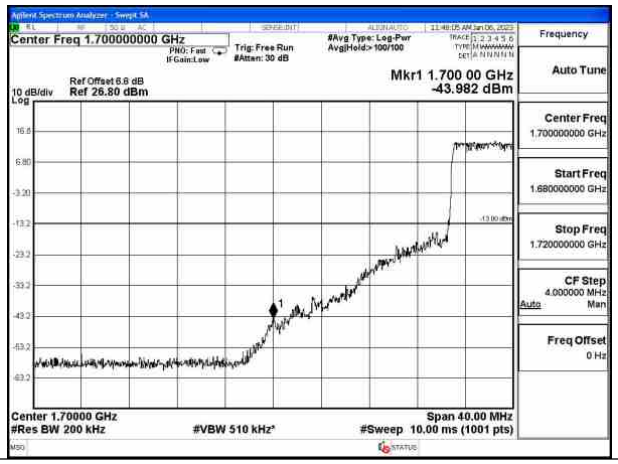

Fig.27

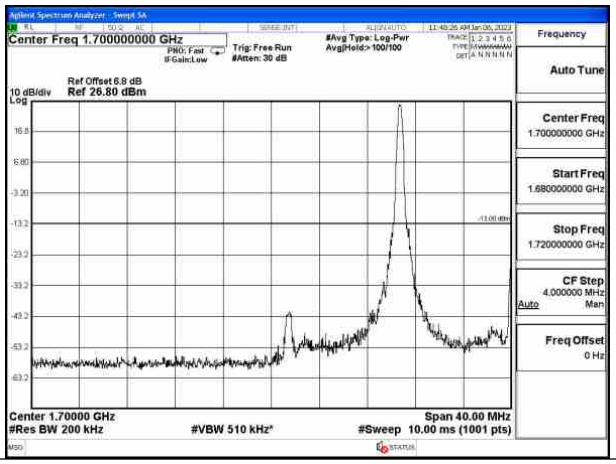

Fig.28

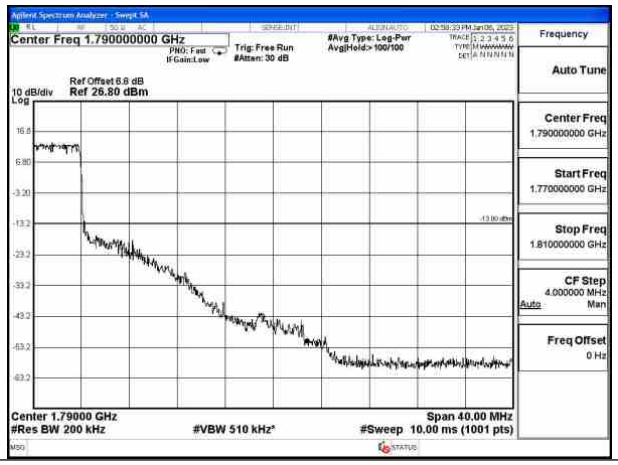

Fig.29

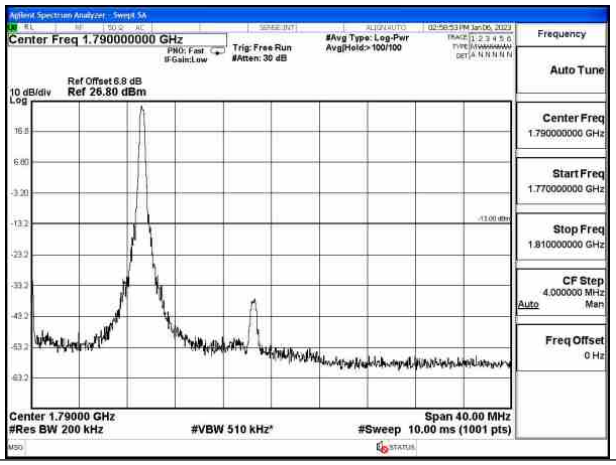

Fig.30

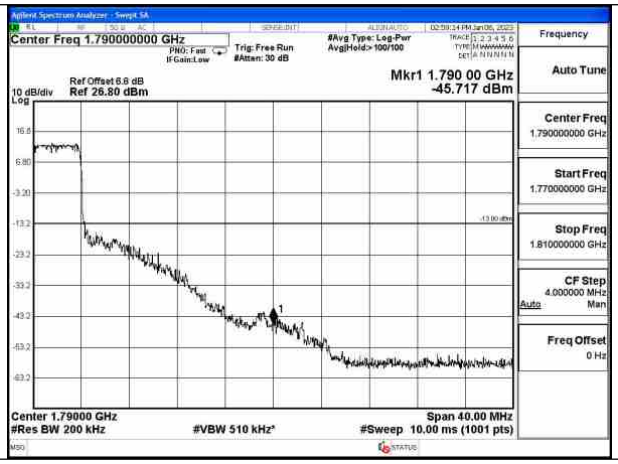
Agilent Spectrum Analyzer - Swept SA
Center Freq 1.790000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: Log-Pwr
Avg|Hold:> 100/100
Mkr1 1.790 00 GHz
-45.717 dBm
Ref Offset 6.8 dB
10 dB/div Ref 26.80 dBm
Log
Frequency
Auto Tune
Center Freq
1.790000000 GHz
Start Freq
1.770000000 GHz
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

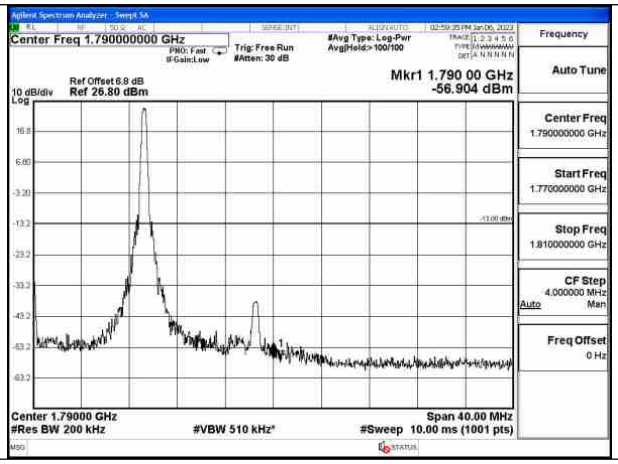
Agilent Spectrum Analyzer - Swept SA
Center Freq 1.790000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: Log-Pwr
Avg|Hold:> 100/100
Mkr1 1.790 00 GHz
-56.904 dBm
Ref Offset 6.8 dB
10 dB/div Ref 26.80 dBm
Log
Frequency
Auto Tune
Center Freq
1.790000000 GHz
Start Freq
1.770000000 GHz
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	0.045
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	0	0	NV	0.22
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	0	10	NV	0.394
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	0	20	NV	0.142
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	0	30	NV	0.316
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	0	40	NV	0.491
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	0	50	NV	0.665
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	0	20	LV	0.413
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	0	20	HV	0.587
CP-OFDM QPSK	1720	344000	20	1	0	-10	NV	0.363
CP-OFDM QPSK	1720	344000	20	1	0	0	NV	0.538
CP-OFDM QPSK	1720	344000	20	1	0	10	NV	0.285
CP-OFDM QPSK	1720	344000	20	1	0	20	NV	0.46
CP-OFDM QPSK	1720	344000	20	1	0	30	NV	0.634
CP-OFDM QPSK	1720	344000	20	1	0	40	NV	0.809
CP-OFDM QPSK	1720	344000	20	1	0	50	NV	0.556
CP-OFDM QPSK	1720	344000	20	1	0	20	LV	0.731
CP-OFDM QPSK	1720	344000	20	1	0	20	HV	0.011
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	-10	NV	0.378
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	0	NV	0.552
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	10	NV	0.727
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	20	NV	0.007
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	30	NV	0.649
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	40	NV	0.823
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	50	NV	0.104
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	20	LV	0.278
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	20	HV	0.774
CP-OFDM QPSK	1770	354000	20	1	0	-10	NV	0.87
CP-OFDM QPSK	1770	354000	20	1	0	0	NV	0.151
CP-OFDM QPSK	1770	354000	20	1	0	10	NV	0.325
CP-OFDM QPSK	1770	354000	20	1	0	20	NV	0.073
CP-OFDM QPSK	1770	354000	20	1	0	30	NV	0.247
CP-OFDM QPSK	1770	354000	20	1	0	40	NV	0.422
CP-OFDM QPSK	1770	354000	20	1	0	50	NV	0.596
CP-OFDM QPSK	1770	354000	20	1	0	20	LV	0.344
CP-OFDM QPSK	1770	354000	20	1	0	20	HV	0.518

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	23.68	22.08	0.161
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	1	24	22.93	21.33	0.136
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	12	6	23.26	21.66	0.147
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	25	0	22.98	21.38	0.137
DFT-s-OFDM QPSK	1712.5	342500	5	1	0	22.51	20.91	0.123
DFT-s-OFDM QPSK	1712.5	342500	5	1	24	22.83	21.23	0.133
DFT-s-OFDM QPSK	1712.5	342500	5	12	6	23.44	21.84	0.153
DFT-s-OFDM QPSK	1712.5	342500	5	25	0	22.09	20.49	0.112
DFT-s-OFDM 16QAM	1712.5	342500	5	1	0	23.49	21.89	0.155
DFT-s-OFDM 16QAM	1712.5	342500	5	1	24	23.02	21.42	0.139
DFT-s-OFDM 16QAM	1712.5	342500	5	12	6	22.74	21.14	0.130
DFT-s-OFDM 16QAM	1712.5	342500	5	25	0	22.27	20.67	0.117
DFT-s-OFDM 64QAM	1712.5	342500	5	1	0	22.59	20.99	0.126
DFT-s-OFDM 64QAM	1712.5	342500	5	1	24	22.92	21.32	0.136
DFT-s-OFDM 64QAM	1712.5	342500	5	12	6	23.25	21.65	0.146
DFT-s-OFDM 64QAM	1712.5	342500	5	25	0	22.50	20.90	0.123
DFT-s-OFDM 256QAM	1712.5	342500	5	1	0	23.43	21.83	0.152
DFT-s-OFDM 256QAM	1712.5	342500	5	1	24	22.68	21.08	0.128
DFT-s-OFDM 256QAM	1712.5	342500	5	12	6	23.01	21.41	0.138
DFT-s-OFDM 256QAM	1712.5	342500	5	25	0	23.34	21.74	0.149
CP-OFDM QPSK	1712.5	342500	5	1	0	22.26	20.66	0.116
CP-OFDM QPSK	1712.5	342500	5	1	24	22.59	20.99	0.126
CP-OFDM QPSK	1712.5	342500	5	13	6	22.11	20.51	0.112
CP-OFDM QPSK	1712.5	342500	5	25	0	22.44	20.84	0.121
CP-OFDM 16QAM	1712.5	342500	5	1	0	22.17	20.57	0.114
CP-OFDM 16QAM	1712.5	342500	5	1	24	23.37	21.77	0.150
CP-OFDM 16QAM	1712.5	342500	5	13	6	23.10	21.50	0.141
CP-OFDM 16QAM	1712.5	342500	5	25	0	22.62	21.02	0.126
CP-OFDM 64QAM	1712.5	342500	5	1	0	22.35	20.75	0.119
CP-OFDM 64QAM	1712.5	342500	5	1	24	22.68	21.08	0.128
CP-OFDM 64QAM	1712.5	342500	5	13	6	22.20	20.60	0.115
CP-OFDM 64QAM	1712.5	342500	5	25	0	23.61	22.01	0.159
CP-OFDM 256QAM	1712.5	342500	5	1	0	23.13	21.53	0.142
CP-OFDM 256QAM	1712.5	342500	5	1	24	23.46	21.86	0.153
CP-OFDM 256QAM	1712.5	342500	5	13	6	23.19	21.59	0.144
CP-OFDM 256QAM	1712.5	342500	5	25	0	22.71	21.11	0.129
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	0	23.55	21.95	0.157
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	24	22.20	20.60	0.115
DFT-s-OFDM PI/2 BPSK	1745	349000	5	12	6	22.53	20.93	0.124
DFT-s-OFDM PI/2 BPSK	1745	349000	5	25	0	22.85	21.25	0.133
DFT-s-OFDM QPSK	1745	349000	5	1	0	22.38	20.78	0.120
DFT-s-OFDM QPSK	1745	349000	5	1	24	22.11	20.51	0.112
DFT-s-OFDM QPSK	1745	349000	5	12	6	22.43	20.83	0.121
DFT-s-OFDM QPSK	1745	349000	5	25	0	23.64	22.04	0.160

DFT-s-OFDM 16QAM	1745	349000	5	1	0	22.29	20.69	0.117
DFT-s-OFDM 16QAM	1745	349000	5	1	24	22.89	21.29	0.135
DFT-s-OFDM 16QAM	1745	349000	5	12	6	23.22	21.62	0.145
DFT-s-OFDM 16QAM	1745	349000	5	25	0	23.55	21.95	0.157
DFT-s-OFDM 64QAM	1745	349000	5	1	0	22.19	20.59	0.115
DFT-s-OFDM 64QAM	1745	349000	5	1	24	23.40	21.80	0.151
DFT-s-OFDM 64QAM	1745	349000	5	12	6	22.05	20.45	0.111
DFT-s-OFDM 64QAM	1745	349000	5	25	0	22.37	20.77	0.119
DFT-s-OFDM 256QAM	1745	349000	5	1	0	22.98	21.38	0.137
DFT-s-OFDM 256QAM	1745	349000	5	1	24	23.31	21.71	0.148
DFT-s-OFDM 256QAM	1745	349000	5	12	6	23.63	22.03	0.160
DFT-s-OFDM 256QAM	1745	349000	5	25	0	22.28	20.68	0.117
CP-OFDM QPSK	1745	349000	5	1	0	23.49	21.89	0.155
CP-OFDM QPSK	1745	349000	5	1	24	23.21	21.61	0.145
CP-OFDM QPSK	1745	349000	5	13	6	22.74	21.14	0.130
CP-OFDM QPSK	1745	349000	5	25	0	23.07	21.47	0.140
CP-OFDM 16QAM	1745	349000	5	1	0	23.39	21.79	0.151
CP-OFDM 16QAM	1745	349000	5	1	24	22.04	20.44	0.111
CP-OFDM 16QAM	1745	349000	5	13	6	22.64	21.04	0.127
CP-OFDM 16QAM	1745	349000	5	25	0	22.97	21.37	0.137
CP-OFDM 64QAM	1745	349000	5	1	0	23.30	21.70	0.148
CP-OFDM 64QAM	1745	349000	5	1	24	22.83	21.23	0.133
CP-OFDM 64QAM	1745	349000	5	13	6	23.15	21.55	0.143
CP-OFDM 64QAM	1745	349000	5	25	0	22.08	20.48	0.112
CP-OFDM 256QAM	1745	349000	5	1	0	22.40	20.80	0.120
CP-OFDM 256QAM	1745	349000	5	1	24	22.73	21.13	0.130
CP-OFDM 256QAM	1745	349000	5	13	6	23.06	21.46	0.140
CP-OFDM 256QAM	1745	349000	5	25	0	22.59	20.99	0.126
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	0	22.48	20.88	0.122
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	24	22.80	21.20	0.132
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	12	6	23.13	21.53	0.142
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	25	0	23.46	21.86	0.153
DFT-s-OFDM QPSK	1777.5	355500	5	1	0	22.99	21.39	0.138
DFT-s-OFDM QPSK	1777.5	355500	5	1	24	23.31	21.71	0.148
DFT-s-OFDM QPSK	1777.5	355500	5	12	6	23.64	22.04	0.160
DFT-s-OFDM QPSK	1777.5	355500	5	25	0	22.29	20.69	0.117
DFT-s-OFDM 16QAM	1777.5	355500	5	1	0	23.49	21.89	0.155
DFT-s-OFDM 16QAM	1777.5	355500	5	1	24	22.14	20.54	0.113
DFT-s-OFDM 16QAM	1777.5	355500	5	12	6	22.47	20.87	0.122
DFT-s-OFDM 16QAM	1777.5	355500	5	25	0	22.80	21.20	0.132
DFT-s-OFDM 64QAM	1777.5	355500	5	1	0	22.32	20.72	0.118
DFT-s-OFDM 64QAM	1777.5	355500	5	1	24	22.65	21.05	0.127
DFT-s-OFDM 64QAM	1777.5	355500	5	12	6	22.98	21.38	0.137
DFT-s-OFDM 64QAM	1777.5	355500	5	25	0	23.31	21.71	0.148
DFT-s-OFDM 256QAM	1777.5	355500	5	1	0	22.83	21.23	0.133
DFT-s-OFDM 256QAM	1777.5	355500	5	1	24	23.16	21.56	0.143

DFT-s-OFDM 256QAM	1777.5	355500	5	12	6	23.49	21.89	0.155
DFT-s-OFDM 256QAM	1777.5	355500	5	25	0	22.14	20.54	0.113
CP-OFDM QPSK	1777.5	355500	5	1	0	23.34	21.74	0.149
CP-OFDM QPSK	1777.5	355500	5	1	24	23.67	22.07	0.161
CP-OFDM QPSK	1777.5	355500	5	13	6	22.32	20.72	0.118
CP-OFDM QPSK	1777.5	355500	5	25	0	22.65	21.05	0.127
CP-OFDM 16QAM	1777.5	355500	5	1	0	22.17	20.57	0.114
CP-OFDM 16QAM	1777.5	355500	5	1	24	22.50	20.90	0.123
CP-OFDM 16QAM	1777.5	355500	5	13	6	22.83	21.23	0.133
CP-OFDM 16QAM	1777.5	355500	5	25	0	23.16	21.56	0.143
CP-OFDM 64QAM	1777.5	355500	5	1	0	22.68	21.08	0.128
CP-OFDM 64QAM	1777.5	355500	5	1	24	23.01	21.41	0.138
CP-OFDM 64QAM	1777.5	355500	5	13	6	23.34	21.74	0.149
CP-OFDM 64QAM	1777.5	355500	5	25	0	23.66	22.06	0.161
CP-OFDM 256QAM	1777.5	355500	5	1	0	23.19	21.59	0.144
CP-OFDM 256QAM	1777.5	355500	5	1	24	23.52	21.92	0.156
CP-OFDM 256QAM	1777.5	355500	5	13	6	22.17	20.57	0.114
CP-OFDM 256QAM	1777.5	355500	5	25	0	23.10	21.50	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	1715	343000	10	1	0	23.16	21.56	0.143
DFT-s-OFDM PI/2 BPSK	1715	343000	10	1	51	23.48	21.88	0.154
DFT-s-OFDM PI/2 BPSK	1715	343000	10	25	12	22.41	20.81	0.121
DFT-s-OFDM PI/2 BPSK	1715	343000	10	50	0	22.74	21.14	0.130
DFT-s-OFDM QPSK	1715	343000	10	1	0	23.06	21.46	0.140
DFT-s-OFDM QPSK	1715	343000	10	1	51	23.67	22.07	0.161
DFT-s-OFDM QPSK	1715	343000	10	25	12	22.31	20.71	0.118
DFT-s-OFDM QPSK	1715	343000	10	50	0	22.92	21.32	0.136
DFT-s-OFDM 16QAM	1715	343000	10	1	0	23.24	21.64	0.146
DFT-s-OFDM 16QAM	1715	343000	10	1	51	23.57	21.97	0.157
DFT-s-OFDM 16QAM	1715	343000	10	25	12	22.50	20.90	0.123
DFT-s-OFDM 16QAM	1715	343000	10	50	0	22.82	21.22	0.132
DFT-s-OFDM 64QAM	1715	343000	10	1	0	23.15	21.55	0.143
DFT-s-OFDM 64QAM	1715	343000	10	1	51	22.07	20.47	0.111
DFT-s-OFDM 64QAM	1715	343000	10	25	12	22.40	20.80	0.120
DFT-s-OFDM 64QAM	1715	343000	10	50	0	22.73	21.13	0.130
DFT-s-OFDM 256QAM	1715	343000	10	1	0	23.33	21.73	0.149
DFT-s-OFDM 256QAM	1715	343000	10	1	51	23.66	22.06	0.161
DFT-s-OFDM 256QAM	1715	343000	10	25	12	23.19	21.59	0.144
DFT-s-OFDM 256QAM	1715	343000	10	50	0	22.91	21.31	0.135
CP-OFDM QPSK	1715	343000	10	1	0	23.24	21.64	0.146
CP-OFDM QPSK	1715	343000	10	1	51	22.76	21.16	0.131
CP-OFDM QPSK	1715	343000	10	26	13	22.49	20.89	0.123
CP-OFDM QPSK	1715	343000	10	52	0	22.02	20.42	0.110
CP-OFDM 16QAM	1715	343000	10	1	0	23.42	21.82	0.152

CP-OFDM 16QAM	1715	343000	10	1	51	22.07	20.47	0.111
CP-OFDM 16QAM	1715	343000	10	26	13	22.67	21.07	0.128
CP-OFDM 16QAM	1715	343000	10	52	0	23.00	21.40	0.138
CP-OFDM 64QAM	1715	343000	10	1	0	22.52	20.92	0.124
CP-OFDM 64QAM	1715	343000	10	1	51	22.85	21.25	0.133
CP-OFDM 64QAM	1715	343000	10	26	13	22.58	20.98	0.125
CP-OFDM 64QAM	1715	343000	10	52	0	22.10	20.50	0.112
CP-OFDM 256QAM	1715	343000	10	1	0	22.43	20.83	0.121
CP-OFDM 256QAM	1715	343000	10	1	51	23.03	21.43	0.139
CP-OFDM 256QAM	1715	343000	10	26	13	23.36	21.76	0.150
CP-OFDM 256QAM	1715	343000	10	52	0	23.09	21.49	0.141
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	0	23.24	21.64	0.146
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	51	23.57	21.97	0.157
DFT-s-OFDM PI/2 BPSK	1745	349000	10	25	12	23.09	21.49	0.141
DFT-s-OFDM PI/2 BPSK	1745	349000	10	50	0	23.42	21.82	0.152
DFT-s-OFDM QPSK	1745	349000	10	1	0	22.07	20.47	0.111
DFT-s-OFDM QPSK	1745	349000	10	1	51	22.40	20.80	0.120
DFT-s-OFDM QPSK	1745	349000	10	25	12	23.00	21.40	0.138
DFT-s-OFDM QPSK	1745	349000	10	50	0	23.33	21.73	0.149
DFT-s-OFDM 16QAM	1745	349000	10	1	0	23.66	22.06	0.161
DFT-s-OFDM 16QAM	1745	349000	10	1	51	23.18	21.58	0.144
DFT-s-OFDM 16QAM	1745	349000	10	25	12	22.91	21.31	0.135
DFT-s-OFDM 16QAM	1745	349000	10	50	0	22.43	20.83	0.121
DFT-s-OFDM 64QAM	1745	349000	10	1	0	22.76	21.16	0.131
DFT-s-OFDM 64QAM	1745	349000	10	1	51	23.09	21.49	0.141
DFT-s-OFDM 64QAM	1745	349000	10	25	12	23.42	21.82	0.152
DFT-s-OFDM 64QAM	1745	349000	10	50	0	22.94	21.34	0.136
DFT-s-OFDM 256QAM	1745	349000	10	1	0	22.67	21.07	0.128
DFT-s-OFDM 256QAM	1745	349000	10	1	51	23.00	21.40	0.138
DFT-s-OFDM 256QAM	1745	349000	10	25	12	22.52	20.92	0.124
DFT-s-OFDM 256QAM	1745	349000	10	50	0	22.85	21.25	0.133
CP-OFDM QPSK	1745	349000	10	1	0	23.18	21.58	0.144
CP-OFDM QPSK	1745	349000	10	1	51	23.51	21.91	0.155
CP-OFDM QPSK	1745	349000	10	26	13	23.03	21.43	0.139
CP-OFDM QPSK	1745	349000	10	52	0	23.36	21.76	0.150
CP-OFDM 16QAM	1745	349000	10	1	0	22.01	20.41	0.110
CP-OFDM 16QAM	1745	349000	10	1	51	22.33	20.73	0.118
CP-OFDM 16QAM	1745	349000	10	26	13	23.54	21.94	0.156
CP-OFDM 16QAM	1745	349000	10	52	0	22.19	20.59	0.115
CP-OFDM 64QAM	1745	349000	10	1	0	22.52	20.92	0.124
CP-OFDM 64QAM	1745	349000	10	1	51	22.84	21.24	0.133
CP-OFDM 64QAM	1745	349000	10	26	13	22.37	20.77	0.119
CP-OFDM 64QAM	1745	349000	10	52	0	22.09	20.49	0.112
CP-OFDM 256QAM	1745	349000	10	1	0	23.30	21.70	0.148
CP-OFDM 256QAM	1745	349000	10	1	51	23.63	22.03	0.160
CP-OFDM 256QAM	1745	349000	10	26	13	22.28	20.68	0.117

CP-OFDM 256QAM	1745	349000	10	52	0	22.60	21.00	0.126
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	0	22.04	20.44	0.111
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	51	22.37	20.77	0.119
DFT-s-OFDM PI/2 BPSK	1775	355000	10	25	12	22.70	21.10	0.129
DFT-s-OFDM PI/2 BPSK	1775	355000	10	50	0	22.22	20.62	0.115
DFT-s-OFDM QPSK	1775	355000	10	1	0	22.55	20.95	0.124
DFT-s-OFDM QPSK	1775	355000	10	1	51	22.88	21.28	0.134
DFT-s-OFDM QPSK	1775	355000	10	25	12	23.21	21.61	0.145
DFT-s-OFDM QPSK	1775	355000	10	50	0	22.73	21.13	0.130
DFT-s-OFDM 16QAM	1775	355000	10	1	0	23.06	21.46	0.140
DFT-s-OFDM 16QAM	1775	355000	10	1	51	23.39	21.79	0.151
DFT-s-OFDM 16QAM	1775	355000	10	25	12	22.04	20.44	0.111
DFT-s-OFDM 16QAM	1775	355000	10	50	0	23.24	21.64	0.146
DFT-s-OFDM 64QAM	1775	355000	10	1	0	23.57	21.97	0.157
DFT-s-OFDM 64QAM	1775	355000	10	1	51	22.22	20.62	0.115
DFT-s-OFDM 64QAM	1775	355000	10	25	12	22.55	20.95	0.124
DFT-s-OFDM 64QAM	1775	355000	10	50	0	22.07	20.47	0.111
DFT-s-OFDM 256QAM	1775	355000	10	1	0	22.40	20.80	0.120
DFT-s-OFDM 256QAM	1775	355000	10	1	51	23.33	21.73	0.149
DFT-s-OFDM 256QAM	1775	355000	10	25	12	23.06	21.46	0.140
DFT-s-OFDM 256QAM	1775	355000	10	50	0	22.58	20.98	0.125
CP-OFDM QPSK	1775	355000	10	1	0	23.51	21.91	0.155
CP-OFDM QPSK	1775	355000	10	1	51	22.16	20.56	0.114
CP-OFDM QPSK	1775	355000	10	26	13	22.49	20.89	0.123
CP-OFDM QPSK	1775	355000	10	52	0	22.82	21.22	0.132
CP-OFDM 16QAM	1775	355000	10	1	0	22.34	20.74	0.119
CP-OFDM 16QAM	1775	355000	10	1	51	22.67	21.07	0.128
CP-OFDM 16QAM	1775	355000	10	26	13	23.00	21.40	0.138
CP-OFDM 16QAM	1775	355000	10	52	0	23.33	21.73	0.149
CP-OFDM 64QAM	1775	355000	10	1	0	22.85	21.25	0.133
CP-OFDM 64QAM	1775	355000	10	1	51	23.18	21.58	0.144
CP-OFDM 64QAM	1775	355000	10	26	13	23.51	21.91	0.155
CP-OFDM 64QAM	1775	355000	10	52	0	22.16	20.56	0.114
CP-OFDM 256QAM	1775	355000	10	1	0	23.36	21.76	0.150
CP-OFDM 256QAM	1775	355000	10	1	51	22.01	20.41	0.110
CP-OFDM 256QAM	1775	355000	10	26	13	22.34	20.74	0.119
CP-OFDM 256QAM	1775	355000	10	52	0	22.66	21.06	0.128

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	23.39	21.79	0.151
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	1	78	22.31	20.71	0.118
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	36	18	22.64	21.04	0.127
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	75	0	22.96	21.36	0.137
DFT-s-OFDM QPSK	1717.5	343500	15	1	0	23.57	21.97	0.157
DFT-s-OFDM QPSK	1717.5	343500	15	1	78	22.22	20.62	0.115

DFT-s-OFDM QPSK	1717.5	343500	15	36	18	22.54	20.94	0.124
DFT-s-OFDM QPSK	1717.5	343500	15	75	0	23.15	21.55	0.143
DFT-s-OFDM 16QAM	1717.5	343500	15	1	0	23.47	21.87	0.154
DFT-s-OFDM 16QAM	1717.5	343500	15	1	78	22.12	20.52	0.113
DFT-s-OFDM 16QAM	1717.5	343500	15	36	18	23.33	21.73	0.149
DFT-s-OFDM 16QAM	1717.5	343500	15	75	0	23.05	21.45	0.140
DFT-s-OFDM 64QAM	1717.5	343500	15	1	0	22.58	20.98	0.125
DFT-s-OFDM 64QAM	1717.5	343500	15	1	78	22.91	21.31	0.135
DFT-s-OFDM 64QAM	1717.5	343500	15	36	18	22.63	21.03	0.127
DFT-s-OFDM 64QAM	1717.5	343500	15	75	0	22.16	20.56	0.114
DFT-s-OFDM 256QAM	1717.5	343500	15	1	0	22.48	20.88	0.122
DFT-s-OFDM 256QAM	1717.5	343500	15	1	78	23.09	21.49	0.141
DFT-s-OFDM 256QAM	1717.5	343500	15	36	18	23.42	21.82	0.152
DFT-s-OFDM 256QAM	1717.5	343500	15	75	0	23.14	21.54	0.143
CP-OFDM QPSK	1717.5	343500	15	1	0	22.67	21.07	0.128
CP-OFDM QPSK	1717.5	343500	15	1	78	22.99	21.39	0.138
CP-OFDM QPSK	1717.5	343500	15	39	19	23.32	21.72	0.149
CP-OFDM QPSK	1717.5	343500	15	79	0	22.24	20.64	0.116
CP-OFDM 16QAM	1717.5	343500	15	1	0	22.57	20.97	0.125
CP-OFDM 16QAM	1717.5	343500	15	1	78	22.90	21.30	0.135
CP-OFDM 16QAM	1717.5	343500	15	39	19	23.50	21.90	0.155
CP-OFDM 16QAM	1717.5	343500	15	79	0	22.15	20.55	0.114
CP-OFDM 64QAM	1717.5	343500	15	1	0	22.75	21.15	0.130
CP-OFDM 64QAM	1717.5	343500	15	1	78	23.08	21.48	0.141
CP-OFDM 64QAM	1717.5	343500	15	39	19	23.41	21.81	0.152
CP-OFDM 64QAM	1717.5	343500	15	79	0	22.94	21.34	0.136
CP-OFDM 256QAM	1717.5	343500	15	1	0	23.26	21.66	0.147
CP-OFDM 256QAM	1717.5	343500	15	1	78	23.59	21.99	0.158
CP-OFDM 256QAM	1717.5	343500	15	39	19	22.51	20.91	0.123
CP-OFDM 256QAM	1717.5	343500	15	79	0	22.84	21.24	0.133
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	0	22.18	20.58	0.114
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	78	22.79	21.19	0.132
DFT-s-OFDM PI/2 BPSK	1745	349000	15	36	18	23.11	21.51	0.142
DFT-s-OFDM PI/2 BPSK	1745	349000	15	75	0	22.64	21.04	0.127
DFT-s-OFDM QPSK	1745	349000	15	1	0	22.97	21.37	0.137
DFT-s-OFDM QPSK	1745	349000	15	1	78	23.29	21.69	0.148
DFT-s-OFDM QPSK	1745	349000	15	36	18	23.62	22.02	0.159
DFT-s-OFDM QPSK	1745	349000	15	75	0	23.15	21.55	0.143
DFT-s-OFDM 16QAM	1745	349000	15	1	0	23.48	21.88	0.154
DFT-s-OFDM 16QAM	1745	349000	15	1	78	22.12	20.52	0.113
DFT-s-OFDM 16QAM	1745	349000	15	36	18	22.45	20.85	0.122
DFT-s-OFDM 16QAM	1745	349000	15	75	0	23.66	22.06	0.161
DFT-s-OFDM 64QAM	1745	349000	15	1	0	22.31	20.71	0.118
DFT-s-OFDM 64QAM	1745	349000	15	1	78	22.63	21.03	0.127
DFT-s-OFDM 64QAM	1745	349000	15	36	18	22.96	21.36	0.137
DFT-s-OFDM 64QAM	1745	349000	15	75	0	23.56	21.96	0.157

DFT-s-OFDM 256QAM	1745	349000	15	1	0	22.21	20.61	0.115
DFT-s-OFDM 256QAM	1745	349000	15	1	78	22.54	20.94	0.124
DFT-s-OFDM 256QAM	1745	349000	15	36	18	22.07	20.47	0.111
DFT-s-OFDM 256QAM	1745	349000	15	75	0	22.39	20.79	0.120
CP-OFDM QPSK	1745	349000	15	1	0	22.72	21.12	0.129
CP-OFDM QPSK	1745	349000	15	1	78	23.05	21.45	0.140
CP-OFDM QPSK	1745	349000	15	39	19	22.57	20.97	0.125
CP-OFDM QPSK	1745	349000	15	79	0	22.90	21.30	0.135
CP-OFDM 16QAM	1745	349000	15	1	0	23.23	21.63	0.146
CP-OFDM 16QAM	1745	349000	15	1	78	22.15	20.55	0.114
CP-OFDM 16QAM	1745	349000	15	39	19	22.48	20.88	0.122
CP-OFDM 16QAM	1745	349000	15	79	0	22.81	21.21	0.132
CP-OFDM 64QAM	1745	349000	15	1	0	22.33	20.73	0.118
CP-OFDM 64QAM	1745	349000	15	1	78	22.66	21.06	0.128
CP-OFDM 64QAM	1745	349000	15	39	19	22.99	21.39	0.138
CP-OFDM 64QAM	1745	349000	15	79	0	23.59	21.99	0.158
CP-OFDM 256QAM	1745	349000	15	1	0	22.24	20.64	0.116
CP-OFDM 256QAM	1745	349000	15	1	78	22.57	20.97	0.125
CP-OFDM 256QAM	1745	349000	15	39	19	22.90	21.30	0.135
CP-OFDM 256QAM	1745	349000	15	79	0	22.42	20.82	0.121
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	0	22.54	20.94	0.124
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	78	22.87	21.27	0.134
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	36	18	22.40	20.80	0.120
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	75	0	22.72	21.12	0.129
DFT-s-OFDM QPSK	1772.5	354500	15	1	0	23.65	22.05	0.160
DFT-s-OFDM QPSK	1772.5	354500	15	1	78	22.30	20.70	0.117
DFT-s-OFDM QPSK	1772.5	354500	15	36	18	22.63	21.03	0.127
DFT-s-OFDM QPSK	1772.5	354500	15	75	0	22.96	21.36	0.137
DFT-s-OFDM 16QAM	1772.5	354500	15	1	0	22.48	20.88	0.122
DFT-s-OFDM 16QAM	1772.5	354500	15	1	78	23.41	21.81	0.152
DFT-s-OFDM 16QAM	1772.5	354500	15	36	18	22.06	20.46	0.111
DFT-s-OFDM 16QAM	1772.5	354500	15	75	0	22.39	20.79	0.120
DFT-s-OFDM 64QAM	1772.5	354500	15	1	0	22.72	21.12	0.129
DFT-s-OFDM 64QAM	1772.5	354500	15	1	78	22.24	20.64	0.116
DFT-s-OFDM 64QAM	1772.5	354500	15	36	18	22.30	20.70	0.117
DFT-s-OFDM 64QAM	1772.5	354500	15	75	0	23.50	21.90	0.155
DFT-s-OFDM 256QAM	1772.5	354500	15	1	0	22.15	20.55	0.114
DFT-s-OFDM 256QAM	1772.5	354500	15	1	78	22.48	20.88	0.122
DFT-s-OFDM 256QAM	1772.5	354500	15	36	18	22.81	21.21	0.132
DFT-s-OFDM 256QAM	1772.5	354500	15	75	0	22.33	20.73	0.118
CP-OFDM QPSK	1772.5	354500	15	1	0	22.66	21.06	0.128
CP-OFDM QPSK	1772.5	354500	15	1	78	22.99	21.39	0.138
CP-OFDM QPSK	1772.5	354500	15	39	19	23.31	21.71	0.148
CP-OFDM QPSK	1772.5	354500	15	79	0	22.84	21.24	0.133
CP-OFDM 16QAM	1772.5	354500	15	1	0	22.09	20.49	0.112
CP-OFDM 16QAM	1772.5	354500	15	1	78	22.42	20.82	0.121

CP-OFDM 16QAM	1772.5	354500	15	39	19	22.75	21.15	0.130
CP-OFDM 16QAM	1772.5	354500	15	79	0	23.07	21.47	0.140
CP-OFDM 64QAM	1772.5	354500	15	1	0	22.60	21.00	0.126
CP-OFDM 64QAM	1772.5	354500	15	1	78	22.65	21.05	0.127
CP-OFDM 64QAM	1772.5	354500	15	39	19	22.18	20.58	0.114
CP-OFDM 64QAM	1772.5	354500	15	79	0	22.51	20.91	0.123
CP-OFDM 256QAM	1772.5	354500	15	1	0	22.83	21.23	0.133
CP-OFDM 256QAM	1772.5	354500	15	1	78	23.16	21.56	0.143
CP-OFDM 256QAM	1772.5	354500	15	39	19	22.69	21.09	0.129
CP-OFDM 256QAM	1772.5	354500	15	79	0	23.34	21.74	0.149

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	23.14	21.54	0.143
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	105	23.47	21.87	0.154
DFT-s-OFDM PI/2 BPSK	1720	344000	20	50	25	22.12	20.52	0.113
DFT-s-OFDM PI/2 BPSK	1720	344000	20	100	0	22.44	20.84	0.121
DFT-s-OFDM QPSK	1720	344000	20	1	0	23.05	21.45	0.140
DFT-s-OFDM QPSK	1720	344000	20	1	105	23.38	21.78	0.151
DFT-s-OFDM QPSK	1720	344000	20	50	25	22.02	20.42	0.110
DFT-s-OFDM QPSK	1720	344000	20	100	0	23.23	21.63	0.146
DFT-s-OFDM 16QAM	1720	344000	20	1	0	22.95	21.35	0.136
DFT-s-OFDM 16QAM	1720	344000	20	1	105	22.48	20.88	0.122
DFT-s-OFDM 16QAM	1720	344000	20	50	25	22.81	21.21	0.132
DFT-s-OFDM 16QAM	1720	344000	20	100	0	23.14	21.54	0.143
DFT-s-OFDM 64QAM	1720	344000	20	1	0	22.06	20.46	0.111
DFT-s-OFDM 64QAM	1720	344000	20	1	105	22.39	20.79	0.120
DFT-s-OFDM 64QAM	1720	344000	20	50	25	22.71	21.11	0.129
DFT-s-OFDM 64QAM	1720	344000	20	100	0	23.04	21.44	0.139
DFT-s-OFDM 256QAM	1720	344000	20	1	0	23.64	22.04	0.160
DFT-s-OFDM 256QAM	1720	344000	20	1	105	22.29	20.69	0.117
DFT-s-OFDM 256QAM	1720	344000	20	50	25	23.50	21.90	0.155
DFT-s-OFDM 256QAM	1720	344000	20	100	0	23.22	21.62	0.145
CP-OFDM QPSK	1720	344000	20	1	0	23.55	21.95	0.157
CP-OFDM QPSK	1720	344000	20	1	105	23.08	21.48	0.141
CP-OFDM QPSK	1720	344000	20	53	26	23.40	21.80	0.151
CP-OFDM QPSK	1720	344000	20	106	0	22.05	20.45	0.111
CP-OFDM 16QAM	1720	344000	20	1	0	22.66	21.06	0.128
CP-OFDM 16QAM	1720	344000	20	1	105	22.98	21.38	0.137
CP-OFDM 16QAM	1720	344000	20	53	26	23.31	21.71	0.148
CP-OFDM 16QAM	1720	344000	20	106	0	22.84	21.24	0.133
CP-OFDM 64QAM	1720	344000	20	1	0	23.16	21.56	0.143
CP-OFDM 64QAM	1720	344000	20	1	105	23.49	21.89	0.155
CP-OFDM 64QAM	1720	344000	20	53	26	22.42	20.82	0.121
CP-OFDM 64QAM	1720	344000	20	106	0	22.74	21.14	0.130
CP-OFDM 256QAM	1720	344000	20	1	0	23.07	21.47	0.140

CP-OFDM 256QAM	1720	344000	20	1	105	23.40	21.80	0.151
CP-OFDM 256QAM	1720	344000	20	53	26	22.32	20.72	0.118
CP-OFDM 256QAM	1720	344000	20	106	0	22.65	21.05	0.127
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	0	23.68	22.08	0.161
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	105	22.93	21.33	0.136
DFT-s-OFDM PI/2 BPSK	1745	349000	20	50	25	23.26	21.66	0.147
DFT-s-OFDM PI/2 BPSK	1745	349000	20	100	0	23.59	21.99	0.158
DFT-s-OFDM QPSK	1745	349000	20	1	0	22.24	20.64	0.116
DFT-s-OFDM QPSK	1745	349000	20	1	105	23.44	21.84	0.153
DFT-s-OFDM QPSK	1745	349000	20	50	25	22.09	20.49	0.112
DFT-s-OFDM QPSK	1745	349000	20	100	0	22.42	20.82	0.121
DFT-s-OFDM 16QAM	1745	349000	20	1	0	22.74	21.14	0.130
DFT-s-OFDM 16QAM	1745	349000	20	1	105	22.27	20.67	0.117
DFT-s-OFDM 16QAM	1745	349000	20	50	25	23.68	22.08	0.161
DFT-s-OFDM 16QAM	1745	349000	20	100	0	23.20	21.60	0.145
DFT-s-OFDM 64QAM	1745	349000	20	1	0	23.53	21.93	0.156
DFT-s-OFDM 64QAM	1745	349000	20	1	105	22.18	20.58	0.114
DFT-s-OFDM 64QAM	1745	349000	20	50	25	22.50	20.90	0.123
DFT-s-OFDM 64QAM	1745	349000	20	100	0	22.03	20.43	0.110
DFT-s-OFDM 256QAM	1745	349000	20	1	0	22.36	20.76	0.119
DFT-s-OFDM 256QAM	1745	349000	20	1	105	22.69	21.09	0.129
DFT-s-OFDM 256QAM	1745	349000	20	50	25	23.01	21.41	0.138
DFT-s-OFDM 256QAM	1745	349000	20	100	0	22.54	20.94	0.124
CP-OFDM QPSK	1745	349000	20	1	0	22.87	21.27	0.134
CP-OFDM QPSK	1745	349000	20	1	105	23.20	21.60	0.145
CP-OFDM QPSK	1745	349000	20	53	26	23.52	21.92	0.156
CP-OFDM QPSK	1745	349000	20	106	0	23.05	21.45	0.140
CP-OFDM 16QAM	1745	349000	20	1	0	23.38	21.78	0.151
CP-OFDM 16QAM	1745	349000	20	1	105	22.02	20.42	0.110
CP-OFDM 16QAM	1745	349000	20	53	26	22.35	20.75	0.119
CP-OFDM 16QAM	1745	349000	20	106	0	23.56	21.96	0.157
CP-OFDM 64QAM	1745	349000	20	1	0	22.21	20.61	0.115
CP-OFDM 64QAM	1745	349000	20	1	105	22.53	20.93	0.124
CP-OFDM 64QAM	1745	349000	20	53	26	22.86	21.26	0.134
CP-OFDM 64QAM	1745	349000	20	106	0	22.39	20.79	0.120
CP-OFDM 256QAM	1745	349000	20	1	0	22.72	21.12	0.129
CP-OFDM 256QAM	1745	349000	20	1	105	23.04	21.44	0.139
CP-OFDM 256QAM	1745	349000	20	53	26	23.37	21.77	0.150
CP-OFDM 256QAM	1745	349000	20	106	0	22.90	21.30	0.135
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	0	23.22	21.62	0.145
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	105	22.47	20.87	0.122
DFT-s-OFDM PI/2 BPSK	1770	354000	20	50	25	22.80	21.20	0.132
DFT-s-OFDM PI/2 BPSK	1770	354000	20	100	0	23.13	21.53	0.142
DFT-s-OFDM QPSK	1770	354000	20	1	0	22.65	21.05	0.127
DFT-s-OFDM QPSK	1770	354000	20	1	105	22.71	21.11	0.129
DFT-s-OFDM QPSK	1770	354000	20	50	25	22.23	20.63	0.116

DFT-s-OFDM QPSK	1770	354000	20	100	0	22.56	20.96	0.125
DFT-s-OFDM 16QAM	1770	354000	20	1	0	23.49	21.89	0.155
DFT-s-OFDM 16QAM	1770	354000	20	1	105	22.14	20.54	0.113
DFT-s-OFDM 16QAM	1770	354000	20	50	25	22.47	20.87	0.122
DFT-s-OFDM 16QAM	1770	354000	20	100	0	23.67	22.07	0.161
DFT-s-OFDM 64QAM	1770	354000	20	1	0	22.32	20.72	0.118
DFT-s-OFDM 64QAM	1770	354000	20	1	105	23.25	21.65	0.146
DFT-s-OFDM 64QAM	1770	354000	20	50	25	23.58	21.98	0.158
DFT-s-OFDM 64QAM	1770	354000	20	100	0	22.23	20.63	0.116
DFT-s-OFDM 256QAM	1770	354000	20	1	0	22.55	20.95	0.124
DFT-s-OFDM 256QAM	1770	354000	20	1	105	22.08	20.48	0.112
DFT-s-OFDM 256QAM	1770	354000	20	50	25	22.41	20.81	0.121
DFT-s-OFDM 256QAM	1770	354000	20	100	0	22.74	21.14	0.130
CP-OFDM QPSK	1770	354000	20	1	0	23.67	22.07	0.161
CP-OFDM QPSK	1770	354000	20	1	105	22.31	20.71	0.118
CP-OFDM QPSK	1770	354000	20	53	26	23.52	21.92	0.156
CP-OFDM QPSK	1770	354000	20	106	0	22.17	20.57	0.114
CP-OFDM 16QAM	1770	354000	20	1	0	22.50	20.90	0.123
CP-OFDM 16QAM	1770	354000	20	1	105	22.82	21.22	0.132
CP-OFDM 16QAM	1770	354000	20	53	26	22.07	20.47	0.111
CP-OFDM 16QAM	1770	354000	20	106	0	22.40	20.80	0.120
CP-OFDM 64QAM	1770	354000	20	1	0	23.61	22.01	0.159
CP-OFDM 64QAM	1770	354000	20	1	105	22.26	20.66	0.116
CP-OFDM 64QAM	1770	354000	20	53	26	23.19	21.59	0.144
CP-OFDM 64QAM	1770	354000	20	106	0	23.51	21.91	0.155
CP-OFDM 256QAM	1770	354000	20	1	0	22.16	20.56	0.114
CP-OFDM 256QAM	1770	354000	20	1	105	23.37	21.77	0.150
CP-OFDM 256QAM	1770	354000	20	53	26	22.02	20.42	0.110
CP-OFDM 256QAM	1770	354000	20	106	0	22.95	21.35	0.136