

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

SA N66 (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	12	6	23.58
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	1	1	23.02
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	1	23	22.70
DFT-s-OFDM QPSK	1712.5	342500	5	12	6	23.08
DFT-s-OFDM QPSK	1712.5	342500	5	1	1	22.53
DFT-s-OFDM QPSK	1712.5	342500	5	1	23	22.20
DFT-s-OFDM QPSK	1712.5	342500	5	12	6	23.62
DFT-s-OFDM QPSK	1712.5	342500	5	25	0	22.03
DFT-s-OFDM 16QAM	1712.5	342500	5	1	0	23.68
DFT-s-OFDM 16QAM	1712.5	342500	5	1	24	23.13
DFT-s-OFDM 16QAM	1712.5	342500	5	12	6	22.80
DFT-s-OFDM 16QAM	1712.5	342500	5	25	0	22.24
DFT-s-OFDM 64QAM	1712.5	342500	5	1	0	22.63
DFT-s-OFDM 64QAM	1712.5	342500	5	1	24	23.02
DFT-s-OFDM 64QAM	1712.5	342500	5	12	6	23.73
DFT-s-OFDM 64QAM	1712.5	342500	5	25	0	22.13
DFT-s-OFDM 256QAM	1712.5	342500	5	1	0	20.11
DFT-s-OFDM 256QAM	1712.5	342500	5	1	24	20.53
DFT-s-OFDM 256QAM	1712.5	342500	5	12	6	20.76
DFT-s-OFDM 256QAM	1712.5	342500	5	25	0	19.82
CP-OFDM QPSK	1712.5	342500	5	1	0	22.73
CP-OFDM QPSK	1712.5	342500	5	1	24	23.12
CP-OFDM QPSK	1712.5	342500	5	13	6	23.51
CP-OFDM QPSK	1712.5	342500	5	25	0	22.24
CP-OFDM 16QAM	1712.5	342500	5	1	0	22.62
CP-OFDM 16QAM	1712.5	342500	5	1	24	23.33
CP-OFDM 16QAM	1712.5	342500	5	13	6	23.72
CP-OFDM 16QAM	1712.5	342500	5	25	0	22.13
CP-OFDM 64QAM	1712.5	342500	5	1	0	23.55
CP-OFDM 64QAM	1712.5	342500	5	1	24	23.22
CP-OFDM 64QAM	1712.5	342500	5	13	6	22.66
CP-OFDM 64QAM	1712.5	342500	5	25	0	23.05
CP-OFDM 256QAM	1712.5	342500	5	1	0	20.23
CP-OFDM 256QAM	1712.5	342500	5	1	24	19.90
CP-OFDM 256QAM	1712.5	342500	5	13	6	20.13
CP-OFDM 256QAM	1712.5	342500	5	25	0	20.56
DFT-s-OFDM PI/2 BPSK	1745	349000	5	12	6	23.20
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	1	23.59
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	23	23.03
DFT-s-OFDM QPSK	1745	349000	5	12	6	22.71
DFT-s-OFDM QPSK	1745	349000	5	1	1	23.80
DFT-s-OFDM QPSK	1745	349000	5	1	23	22.53

DFT-s-OFDM QPSK	1745	349000	5	12	6	22.92
DFT-s-OFDM QPSK	1745	349000	5	25	0	23.31
DFT-s-OFDM 16QAM	1745	349000	5	1	0	23.69
DFT-s-OFDM 16QAM	1745	349000	5	1	24	22.42
DFT-s-OFDM 16QAM	1745	349000	5	12	6	22.81
DFT-s-OFDM 16QAM	1745	349000	5	25	0	22.25
DFT-s-OFDM 64QAM	1745	349000	5	1	0	22.64
DFT-s-OFDM 64QAM	1745	349000	5	1	24	23.02
DFT-s-OFDM 64QAM	1745	349000	5	12	6	23.41
DFT-s-OFDM 64QAM	1745	349000	5	25	0	22.85
DFT-s-OFDM 256QAM	1745	349000	5	1	0	20.54
DFT-s-OFDM 256QAM	1745	349000	5	1	24	20.35
DFT-s-OFDM 256QAM	1745	349000	5	12	6	20.01
DFT-s-OFDM 256QAM	1745	349000	5	25	0	20.24
CP-OFDM QPSK	1745	349000	5	1	0	23.13
CP-OFDM QPSK	1745	349000	5	1	24	23.84
CP-OFDM QPSK	1745	349000	5	13	6	22.24
CP-OFDM QPSK	1745	349000	5	25	0	22.63
CP-OFDM 16QAM	1745	349000	5	1	0	22.07
CP-OFDM 16QAM	1745	349000	5	1	24	22.46
CP-OFDM 16QAM	1745	349000	5	13	6	22.13
CP-OFDM 16QAM	1745	349000	5	25	0	23.56
CP-OFDM 64QAM	1745	349000	5	1	0	23.94
CP-OFDM 64QAM	1745	349000	5	1	24	22.35
CP-OFDM 64QAM	1745	349000	5	13	6	22.73
CP-OFDM 64QAM	1745	349000	5	25	0	22.18
CP-OFDM 256QAM	1745	349000	5	1	0	20.89
CP-OFDM 256QAM	1745	349000	5	1	24	20.56
CP-OFDM 256QAM	1745	349000	5	13	6	20.79
CP-OFDM 256QAM	1745	349000	5	25	0	19.84
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	12	6	23.03
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	1	22.15
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	23	22.86
DFT-s-OFDM QPSK	1777.5	355500	5	12	6	23.25
DFT-s-OFDM QPSK	1777.5	355500	5	1	1	23.63
DFT-s-OFDM QPSK	1777.5	355500	5	1	23	22.04
DFT-s-OFDM QPSK	1777.5	355500	5	12	6	23.46
DFT-s-OFDM QPSK	1777.5	355500	5	25	0	23.85
DFT-s-OFDM 16QAM	1777.5	355500	5	1	0	22.25
DFT-s-OFDM 16QAM	1777.5	355500	5	1	24	22.64
DFT-s-OFDM 16QAM	1777.5	355500	5	12	6	22.08
DFT-s-OFDM 16QAM	1777.5	355500	5	25	0	22.47
DFT-s-OFDM 64QAM	1777.5	355500	5	1	0	22.85
DFT-s-OFDM 64QAM	1777.5	355500	5	1	24	23.24
DFT-s-OFDM 64QAM	1777.5	355500	5	12	6	22.68
DFT-s-OFDM 64QAM	1777.5	355500	5	25	0	23.07

DFT-s-OFDM 256QAM	1777.5	355500	5	1	0	20.67
DFT-s-OFDM 256QAM	1777.5	355500	5	1	24	20.90
DFT-s-OFDM 256QAM	1777.5	355500	5	12	6	20.57
DFT-s-OFDM 256QAM	1777.5	355500	5	25	0	20.80
CP-OFDM QPSK	1777.5	355500	5	1	0	22.07
CP-OFDM QPSK	1777.5	355500	5	1	24	22.46
CP-OFDM QPSK	1777.5	355500	5	13	6	23.88
CP-OFDM QPSK	1777.5	355500	5	25	0	22.29
CP-OFDM 16QAM	1777.5	355500	5	1	0	22.67
CP-OFDM 16QAM	1777.5	355500	5	1	24	23.06
CP-OFDM 16QAM	1777.5	355500	5	13	6	22.50
CP-OFDM 16QAM	1777.5	355500	5	25	0	22.89
CP-OFDM 64QAM	1777.5	355500	5	1	0	23.27
CP-OFDM 64QAM	1777.5	355500	5	1	24	23.66
CP-OFDM 64QAM	1777.5	355500	5	13	6	23.10
CP-OFDM 64QAM	1777.5	355500	5	25	0	23.16
CP-OFDM 256QAM	1777.5	355500	5	1	0	20.92
CP-OFDM 256QAM	1777.5	355500	5	1	24	19.97
CP-OFDM 256QAM	1777.5	355500	5	13	6	20.62
CP-OFDM 256QAM	1777.5	355500	5	25	0	20.85

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1715	343000	10	25	12	22.77
DFT-s-OFDM PI/2 BPSK	1715	343000	10	1	1	23.15
DFT-s-OFDM PI/2 BPSK	1715	343000	10	1	50	23.86
DFT-s-OFDM QPSK	1715	343000	10	25	12	22.27
DFT-s-OFDM QPSK	1715	343000	10	1	1	22.66
DFT-s-OFDM QPSK	1715	343000	10	1	50	23.37
DFT-s-OFDM QPSK	1715	343000	10	25	12	23.75
DFT-s-OFDM QPSK	1715	343000	10	50	0	22.16
DFT-s-OFDM 16QAM	1715	343000	10	1	0	22.55
DFT-s-OFDM 16QAM	1715	343000	10	1	51	23.26
DFT-s-OFDM 16QAM	1715	343000	10	25	12	23.64
DFT-s-OFDM 16QAM	1715	343000	10	50	0	23.08
DFT-s-OFDM 64QAM	1715	343000	10	1	0	22.76
DFT-s-OFDM 64QAM	1715	343000	10	1	51	23.15
DFT-s-OFDM 64QAM	1715	343000	10	25	12	22.59
DFT-s-OFDM 64QAM	1715	343000	10	50	0	22.26
DFT-s-OFDM 256QAM	1715	343000	10	1	0	20.81
DFT-s-OFDM 256QAM	1715	343000	10	1	51	19.86
DFT-s-OFDM 256QAM	1715	343000	10	25	12	20.84
DFT-s-OFDM 256QAM	1715	343000	10	50	0	20.51
CP-OFDM QPSK	1715	343000	10	1	0	23.57
CP-OFDM QPSK	1715	343000	10	1	51	22.31
CP-OFDM QPSK	1715	343000	10	26	13	22.69

CP-OFDM QPSK	1715	343000	10	52	0	23.08
CP-OFDM 16QAM	1715	343000	10	1	0	23.79
CP-OFDM 16QAM	1715	343000	10	1	51	22.20
CP-OFDM 16QAM	1715	343000	10	26	13	22.58
CP-OFDM 16QAM	1715	343000	10	52	0	23.29
CP-OFDM 64QAM	1715	343000	10	1	0	23.68
CP-OFDM 64QAM	1715	343000	10	1	51	22.08
CP-OFDM 64QAM	1715	343000	10	26	13	22.80
CP-OFDM 64QAM	1715	343000	10	52	0	23.89
CP-OFDM 256QAM	1715	343000	10	1	0	20.74
CP-OFDM 256QAM	1715	343000	10	1	51	20.40
CP-OFDM 256QAM	1715	343000	10	26	13	20.63
CP-OFDM 256QAM	1715	343000	10	52	0	19.88
DFT-s-OFDM PI/2 BPSK	1745	349000	10	25	12	23.55
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	1	23.94
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	50	23.38
DFT-s-OFDM QPSK	1745	349000	10	25	12	23.76
DFT-s-OFDM QPSK	1745	349000	10	1	1	22.49
DFT-s-OFDM QPSK	1745	349000	10	1	50	22.88
DFT-s-OFDM QPSK	1745	349000	10	25	12	23.27
DFT-s-OFDM QPSK	1745	349000	10	50	0	23.65
DFT-s-OFDM 16QAM	1745	349000	10	1	0	23.09
DFT-s-OFDM 16QAM	1745	349000	10	1	51	23.48
DFT-s-OFDM 16QAM	1745	349000	10	25	12	23.16
DFT-s-OFDM 16QAM	1745	349000	10	50	0	22.60
DFT-s-OFDM 64QAM	1745	349000	10	1	0	22.98
DFT-s-OFDM 64QAM	1745	349000	10	1	51	23.37
DFT-s-OFDM 64QAM	1745	349000	10	25	12	23.76
DFT-s-OFDM 64QAM	1745	349000	10	50	0	23.20
DFT-s-OFDM 256QAM	1745	349000	10	1	0	20.32
DFT-s-OFDM 256QAM	1745	349000	10	1	51	19.99
DFT-s-OFDM 256QAM	1745	349000	10	25	12	20.22
DFT-s-OFDM 256QAM	1745	349000	10	50	0	20.45
CP-OFDM QPSK	1745	349000	10	1	0	23.47
CP-OFDM QPSK	1745	349000	10	1	51	22.91
CP-OFDM QPSK	1745	349000	10	26	13	23.30
CP-OFDM QPSK	1745	349000	10	52	0	23.69
CP-OFDM 16QAM	1745	349000	10	1	0	22.09
CP-OFDM 16QAM	1745	349000	10	1	51	23.51
CP-OFDM 16QAM	1745	349000	10	26	13	23.90
CP-OFDM 16QAM	1745	349000	10	52	0	22.31
CP-OFDM 64QAM	1745	349000	10	1	0	23.02
CP-OFDM 64QAM	1745	349000	10	1	51	23.40
CP-OFDM 64QAM	1745	349000	10	26	13	23.79
CP-OFDM 64QAM	1745	349000	10	52	0	22.20
CP-OFDM 256QAM	1745	349000	10	1	0	20.77

CP-OFDM 256QAM	1745	349000	10	1	51	19.82
CP-OFDM 256QAM	1745	349000	10	26	13	20.05
CP-OFDM 256QAM	1745	349000	10	52	0	20.28
DFT-s-OFDM PI/2 BPSK	1775	355000	10	25	12	23.98
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	1	22.39
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	50	23.48
DFT-s-OFDM QPSK	1775	355000	10	25	12	22.92
DFT-s-OFDM QPSK	1775	355000	10	1	1	23.31
DFT-s-OFDM QPSK	1775	355000	10	1	50	23.70
DFT-s-OFDM QPSK	1775	355000	10	25	12	22.10
DFT-s-OFDM QPSK	1775	355000	10	50	0	23.52
DFT-s-OFDM 16QAM	1775	355000	10	1	0	23.91
DFT-s-OFDM 16QAM	1775	355000	10	1	51	22.32
DFT-s-OFDM 16QAM	1775	355000	10	25	12	22.70
DFT-s-OFDM 16QAM	1775	355000	10	50	0	22.14
DFT-s-OFDM 64QAM	1775	355000	10	1	0	22.53
DFT-s-OFDM 64QAM	1775	355000	10	1	51	22.92
DFT-s-OFDM 64QAM	1775	355000	10	25	12	23.30
DFT-s-OFDM 64QAM	1775	355000	10	50	0	22.74
DFT-s-OFDM 256QAM	1775	355000	10	1	0	20.48
DFT-s-OFDM 256QAM	1775	355000	10	1	51	20.71
DFT-s-OFDM 256QAM	1775	355000	10	25	12	20.94
DFT-s-OFDM 256QAM	1775	355000	10	50	0	20.60
CP-OFDM QPSK	1775	355000	10	1	0	23.73
CP-OFDM QPSK	1775	355000	10	1	51	22.14
CP-OFDM QPSK	1775	355000	10	26	13	22.52
CP-OFDM QPSK	1775	355000	10	52	0	23.94
CP-OFDM 16QAM	1775	355000	10	1	0	22.35
CP-OFDM 16QAM	1775	355000	10	1	51	22.74
CP-OFDM 16QAM	1775	355000	10	26	13	23.12
CP-OFDM 16QAM	1775	355000	10	52	0	22.56
CP-OFDM 64QAM	1775	355000	10	1	0	22.95
CP-OFDM 64QAM	1775	355000	10	1	51	23.34
CP-OFDM 64QAM	1775	355000	10	26	13	23.72
CP-OFDM 64QAM	1775	355000	10	52	0	23.16
CP-OFDM 256QAM	1775	355000	10	1	0	20.73
CP-OFDM 256QAM	1775	355000	10	1	51	20.96
CP-OFDM 256QAM	1775	355000	10	26	13	20.01
CP-OFDM 256QAM	1775	355000	10	52	0	20.85

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	36	18	22.02
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	1	1	22.73
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	1	77	23.11
DFT-s-OFDM QPSK	1717.5	343500	15	36	18	23.50

DFT-s-OFDM QPSK	1717.5	343500	15	1	1	23.89
DFT-s-OFDM QPSK	1717.5	343500	15	1	77	22.62
DFT-s-OFDM QPSK	1717.5	343500	15	36	18	23.00
DFT-s-OFDM QPSK	1717.5	343500	15	75	0	23.39
DFT-s-OFDM 16QAM	1717.5	343500	15	1	0	22.83
DFT-s-OFDM 16QAM	1717.5	343500	15	1	78	22.51
DFT-s-OFDM 16QAM	1717.5	343500	15	36	18	23.93
DFT-s-OFDM 16QAM	1717.5	343500	15	75	0	22.33
DFT-s-OFDM 64QAM	1717.5	343500	15	1	0	22.72
DFT-s-OFDM 64QAM	1717.5	343500	15	1	78	23.43
DFT-s-OFDM 64QAM	1717.5	343500	15	36	18	23.82
DFT-s-OFDM 64QAM	1717.5	343500	15	75	0	22.22
DFT-s-OFDM 256QAM	1717.5	343500	15	1	0	20.17
DFT-s-OFDM 256QAM	1717.5	343500	15	1	78	20.59
DFT-s-OFDM 256QAM	1717.5	343500	15	36	18	20.82
DFT-s-OFDM 256QAM	1717.5	343500	15	75	0	20.06
CP-OFDM QPSK	1717.5	343500	15	1	0	22.82
CP-OFDM QPSK	1717.5	343500	15	1	78	23.21
CP-OFDM QPSK	1717.5	343500	15	39	19	22.65
CP-OFDM QPSK	1717.5	343500	15	79	0	23.04
CP-OFDM 16QAM	1717.5	343500	15	1	0	23.75
CP-OFDM 16QAM	1717.5	343500	15	1	78	22.15
CP-OFDM 16QAM	1717.5	343500	15	39	19	22.54
CP-OFDM 16QAM	1717.5	343500	15	79	0	22.93
CP-OFDM 64QAM	1717.5	343500	15	1	0	22.37
CP-OFDM 64QAM	1717.5	343500	15	1	78	22.04
CP-OFDM 64QAM	1717.5	343500	15	39	19	22.43
CP-OFDM 64QAM	1717.5	343500	15	79	0	23.85
CP-OFDM 256QAM	1717.5	343500	15	1	0	19.96
CP-OFDM 256QAM	1717.5	343500	15	1	78	20.38
CP-OFDM 256QAM	1717.5	343500	15	39	19	20.61
CP-OFDM 256QAM	1717.5	343500	15	79	0	20.84
DFT-s-OFDM PI/2 BPSK	1745	349000	15	36	18	23.01
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	1	23.40
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	77	22.84
DFT-s-OFDM QPSK	1745	349000	15	36	18	23.23
DFT-s-OFDM QPSK	1745	349000	15	1	1	23.61
DFT-s-OFDM QPSK	1745	349000	15	1	77	22.02
DFT-s-OFDM QPSK	1745	349000	15	36	18	23.44
DFT-s-OFDM QPSK	1745	349000	15	75	0	23.83
DFT-s-OFDM 16QAM	1745	349000	15	1	0	22.23
DFT-s-OFDM 16QAM	1745	349000	15	1	78	22.94
DFT-s-OFDM 16QAM	1745	349000	15	36	18	23.33
DFT-s-OFDM 16QAM	1745	349000	15	75	0	23.72
DFT-s-OFDM 64QAM	1745	349000	15	1	0	23.16
DFT-s-OFDM 64QAM	1745	349000	15	1	78	23.54

DFT-s-OFDM 64QAM	1745	349000	15	36	18	23.93
DFT-s-OFDM 64QAM	1745	349000	15	75	0	22.34
DFT-s-OFDM 256QAM	1745	349000	15	1	0	20.85
DFT-s-OFDM 256QAM	1745	349000	15	1	78	20.66
DFT-s-OFDM 256QAM	1745	349000	15	36	18	20.89
DFT-s-OFDM 256QAM	1745	349000	15	75	0	20.55
CP-OFDM QPSK	1745	349000	15	1	0	23.65
CP-OFDM QPSK	1745	349000	15	1	78	22.05
CP-OFDM QPSK	1745	349000	15	39	19	22.44
CP-OFDM QPSK	1745	349000	15	79	0	23.86
CP-OFDM 16QAM	1745	349000	15	1	0	22.27
CP-OFDM 16QAM	1745	349000	15	1	78	22.65
CP-OFDM 16QAM	1745	349000	15	39	19	23.04
CP-OFDM 16QAM	1745	349000	15	79	0	23.75
CP-OFDM 64QAM	1745	349000	15	1	0	22.16
CP-OFDM 64QAM	1745	349000	15	1	78	23.58
CP-OFDM 64QAM	1745	349000	15	39	19	23.96
CP-OFDM 64QAM	1745	349000	15	79	0	22.37
CP-OFDM 256QAM	1745	349000	15	1	0	20.25
CP-OFDM 256QAM	1745	349000	15	1	78	19.92
CP-OFDM 256QAM	1745	349000	15	39	19	20.15
CP-OFDM 256QAM	1745	349000	15	79	0	20.38
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	36	18	23.65
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	1	22.77
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	77	23.16
DFT-s-OFDM QPSK	1772.5	354500	15	36	18	23.54
DFT-s-OFDM QPSK	1772.5	354500	15	1	1	22.99
DFT-s-OFDM QPSK	1772.5	354500	15	1	77	23.37
DFT-s-OFDM QPSK	1772.5	354500	15	36	18	23.76
DFT-s-OFDM QPSK	1772.5	354500	15	75	0	22.17
DFT-s-OFDM 16QAM	1772.5	354500	15	1	0	23.59
DFT-s-OFDM 16QAM	1772.5	354500	15	1	78	23.97
DFT-s-OFDM 16QAM	1772.5	354500	15	36	18	22.38
DFT-s-OFDM 16QAM	1772.5	354500	15	75	0	22.77
DFT-s-OFDM 64QAM	1772.5	354500	15	1	0	23.86
DFT-s-OFDM 64QAM	1772.5	354500	15	1	78	22.27
DFT-s-OFDM 64QAM	1772.5	354500	15	36	18	23.69
DFT-s-OFDM 64QAM	1772.5	354500	15	75	0	22.10
DFT-s-OFDM 256QAM	1772.5	354500	15	1	0	20.09
DFT-s-OFDM 256QAM	1772.5	354500	15	1	78	20.32
DFT-s-OFDM 256QAM	1772.5	354500	15	36	18	19.99
DFT-s-OFDM 256QAM	1772.5	354500	15	75	0	20.22
CP-OFDM QPSK	1772.5	354500	15	1	0	23.08
CP-OFDM QPSK	1772.5	354500	15	1	78	22.20
CP-OFDM QPSK	1772.5	354500	15	39	19	22.59
CP-OFDM QPSK	1772.5	354500	15	79	0	22.03

CP-OFDM 16QAM	1772.5	354500	15	1	0	22.41
CP-OFDM 16QAM	1772.5	354500	15	1	78	22.80
CP-OFDM 16QAM	1772.5	354500	15	39	19	23.19
CP-OFDM 16QAM	1772.5	354500	15	79	0	22.63
CP-OFDM 64QAM	1772.5	354500	15	1	0	22.69
CP-OFDM 64QAM	1772.5	354500	15	1	78	22.13
CP-OFDM 64QAM	1772.5	354500	15	39	19	22.52
CP-OFDM 64QAM	1772.5	354500	15	79	0	22.90
CP-OFDM 256QAM	1772.5	354500	15	1	0	20.57
CP-OFDM 256QAM	1772.5	354500	15	1	78	20.24
CP-OFDM 256QAM	1772.5	354500	15	39	19	20.47
CP-OFDM 256QAM	1772.5	354500	15	79	0	20.70

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1720	344000	20	50	25	23.95
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	1	23.63
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	104	23.07
DFT-s-OFDM QPSK	1720	344000	20	50	25	23.46
DFT-s-OFDM QPSK	1720	344000	20	1	1	23.84
DFT-s-OFDM QPSK	1720	344000	20	1	104	22.25
DFT-s-OFDM QPSK	1720	344000	20	50	25	22.96
DFT-s-OFDM QPSK	1720	344000	20	100	0	23.35
DFT-s-OFDM 16QAM	1720	344000	20	1	0	22.79
DFT-s-OFDM 16QAM	1720	344000	20	1	105	23.18
DFT-s-OFDM 16QAM	1720	344000	20	50	25	22.85
DFT-s-OFDM 16QAM	1720	344000	20	100	0	22.29
DFT-s-OFDM 64QAM	1720	344000	20	1	0	22.68
DFT-s-OFDM 64QAM	1720	344000	20	1	105	23.07
DFT-s-OFDM 64QAM	1720	344000	20	50	25	23.78
DFT-s-OFDM 64QAM	1720	344000	20	100	0	22.18
DFT-s-OFDM 256QAM	1720	344000	20	1	0	20.14
DFT-s-OFDM 256QAM	1720	344000	20	1	105	19.81
DFT-s-OFDM 256QAM	1720	344000	20	50	25	20.79
DFT-s-OFDM 256QAM	1720	344000	20	100	0	19.84
CP-OFDM QPSK	1720	344000	20	1	0	23.49
CP-OFDM QPSK	1720	344000	20	1	105	23.88
CP-OFDM QPSK	1720	344000	20	53	26	22.61
CP-OFDM QPSK	1720	344000	20	106	0	23.00
CP-OFDM 16QAM	1720	344000	20	1	0	23.38
CP-OFDM 16QAM	1720	344000	20	1	105	23.77
CP-OFDM 16QAM	1720	344000	20	53	26	23.21
CP-OFDM 16QAM	1720	344000	20	106	0	22.89
CP-OFDM 64QAM	1720	344000	20	1	0	23.27
CP-OFDM 64QAM	1720	344000	20	1	105	22.71
CP-OFDM 64QAM	1720	344000	20	53	26	23.10

CP-OFDM 64QAM	1720	344000	20	106	0	23.81
CP-OFDM 256QAM	1720	344000	20	1	0	19.93
CP-OFDM 256QAM	1720	344000	20	1	105	20.16
CP-OFDM 256QAM	1720	344000	20	53	26	20.39
CP-OFDM 256QAM	1720	344000	20	106	0	20.06
DFT-s-OFDM PI/2 BPSK	1745	349000	20	50	25	22.86
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	1	23.57
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	104	23.96
DFT-s-OFDM QPSK	1745	349000	20	50	25	23.40
DFT-s-OFDM QPSK	1745	349000	20	1	1	23.46
DFT-s-OFDM QPSK	1745	349000	20	1	104	22.19
DFT-s-OFDM QPSK	1745	349000	20	50	25	22.58
DFT-s-OFDM QPSK	1745	349000	20	100	0	22.02
DFT-s-OFDM 16QAM	1745	349000	20	1	0	22.40
DFT-s-OFDM 16QAM	1745	349000	20	1	105	22.79
DFT-s-OFDM 16QAM	1745	349000	20	50	25	23.18
DFT-s-OFDM 16QAM	1745	349000	20	100	0	22.62
DFT-s-OFDM 64QAM	1745	349000	20	1	0	23.00
DFT-s-OFDM 64QAM	1745	349000	20	1	105	23.39
DFT-s-OFDM 64QAM	1745	349000	20	50	25	23.78
DFT-s-OFDM 64QAM	1745	349000	20	100	0	23.22
DFT-s-OFDM 256QAM	1745	349000	20	1	0	20.57
DFT-s-OFDM 256QAM	1745	349000	20	1	105	19.81
DFT-s-OFDM 256QAM	1745	349000	20	50	25	20.04
DFT-s-OFDM 256QAM	1745	349000	20	100	0	20.69
CP-OFDM QPSK	1745	349000	20	1	0	22.23
CP-OFDM QPSK	1745	349000	20	1	105	22.61
CP-OFDM QPSK	1745	349000	20	53	26	23.00
CP-OFDM QPSK	1745	349000	20	106	0	22.44
CP-OFDM 16QAM	1745	349000	20	1	0	22.83
CP-OFDM 16QAM	1745	349000	20	1	105	23.21
CP-OFDM 16QAM	1745	349000	20	53	26	23.60
CP-OFDM 16QAM	1745	349000	20	106	0	23.04
CP-OFDM 64QAM	1745	349000	20	1	0	23.43
CP-OFDM 64QAM	1745	349000	20	1	105	23.81
CP-OFDM 64QAM	1745	349000	20	53	26	22.22
CP-OFDM 64QAM	1745	349000	20	106	0	23.64
CP-OFDM 256QAM	1745	349000	20	1	0	19.83
CP-OFDM 256QAM	1745	349000	20	1	105	20.06
CP-OFDM 256QAM	1745	349000	20	53	26	20.29
CP-OFDM 256QAM	1745	349000	20	106	0	19.96
DFT-s-OFDM PI/2 BPSK	1770	354000	20	50	25	22.45
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	1	22.83
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	104	23.22
DFT-s-OFDM QPSK	1770	354000	20	50	25	22.34
DFT-s-OFDM QPSK	1770	354000	20	1	1	22.72

DFT-s-OFDM QPSK	1770	354000	20	1	104	23.11
DFT-s-OFDM QPSK	1770	354000	20	50	25	22.55
DFT-s-OFDM QPSK	1770	354000	20	100	0	23.65
DFT-s-OFDM 16QAM	1770	354000	20	1	0	22.06
DFT-s-OFDM 16QAM	1770	354000	20	1	105	22.44
DFT-s-OFDM 16QAM	1770	354000	20	50	25	22.83
DFT-s-OFDM 16QAM	1770	354000	20	100	0	22.27
DFT-s-OFDM 64QAM	1770	354000	20	1	0	22.66
DFT-s-OFDM 64QAM	1770	354000	20	1	105	23.04
DFT-s-OFDM 64QAM	1770	354000	20	50	25	22.16
DFT-s-OFDM 64QAM	1770	354000	20	100	0	22.55
DFT-s-OFDM 256QAM	1770	354000	20	1	0	20.36
DFT-s-OFDM 256QAM	1770	354000	20	1	105	20.02
DFT-s-OFDM 256QAM	1770	354000	20	50	25	20.25
DFT-s-OFDM 256QAM	1770	354000	20	100	0	20.48
CP-OFDM QPSK	1770	354000	20	1	0	23.53
CP-OFDM QPSK	1770	354000	20	1	105	22.97
CP-OFDM QPSK	1770	354000	20	53	26	22.09
CP-OFDM QPSK	1770	354000	20	106	0	22.48
CP-OFDM 16QAM	1770	354000	20	1	0	23.57
CP-OFDM 16QAM	1770	354000	20	1	105	23.96
CP-OFDM 16QAM	1770	354000	20	53	26	22.37
CP-OFDM 16QAM	1770	354000	20	106	0	22.75
CP-OFDM 64QAM	1770	354000	20	1	0	22.19
CP-OFDM 64QAM	1770	354000	20	1	105	22.58
CP-OFDM 64QAM	1770	354000	20	53	26	22.97
CP-OFDM 64QAM	1770	354000	20	106	0	22.08
CP-OFDM 256QAM	1770	354000	20	1	0	20.08
CP-OFDM 256QAM	1770	354000	20	1	105	20.93
CP-OFDM 256QAM	1770	354000	20	53	26	19.98
CP-OFDM 256QAM	1770	354000	20	106	0	20.21

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	4.490	Fig.1
CP-OFDM 16QAM	1745	349000	5	25	0	4.480	Fig.2
CP-OFDM 64QAM	1745	349000	5	25	0	4.490	Fig.3
CP-OFDM 256QAM	1745	349000	5	25	0	4.490	Fig.4
CP-OFDM QPSK	1745	349000	10	52	0	9.280	Fig.5
CP-OFDM 16QAM	1745	349000	10	52	0	9.280	Fig.6
CP-OFDM 64QAM	1745	349000	10	52	0	9.280	Fig.7
CP-OFDM 256QAM	1745	349000	10	52	0	9.280	Fig.8
CP-OFDM QPSK	1745	349000	15	79	0	14.090	Fig.9
CP-OFDM 16QAM	1745	349000	15	79	0	14.080	Fig.10
CP-OFDM 64QAM	1745	349000	15	79	0	14.090	Fig.11
CP-OFDM 256QAM	1745	349000	15	79	0	14.070	Fig.12
CP-OFDM QPSK	1745	349000	20	106	0	18.880	Fig.13
CP-OFDM 16QAM	1745	349000	20	106	0	18.890	Fig.14
CP-OFDM 64QAM	1745	349000	20	106	0	18.910	Fig.15
CP-OFDM 256QAM	1745	349000	20	106	0	18.890	Fig.16

Test Plot:

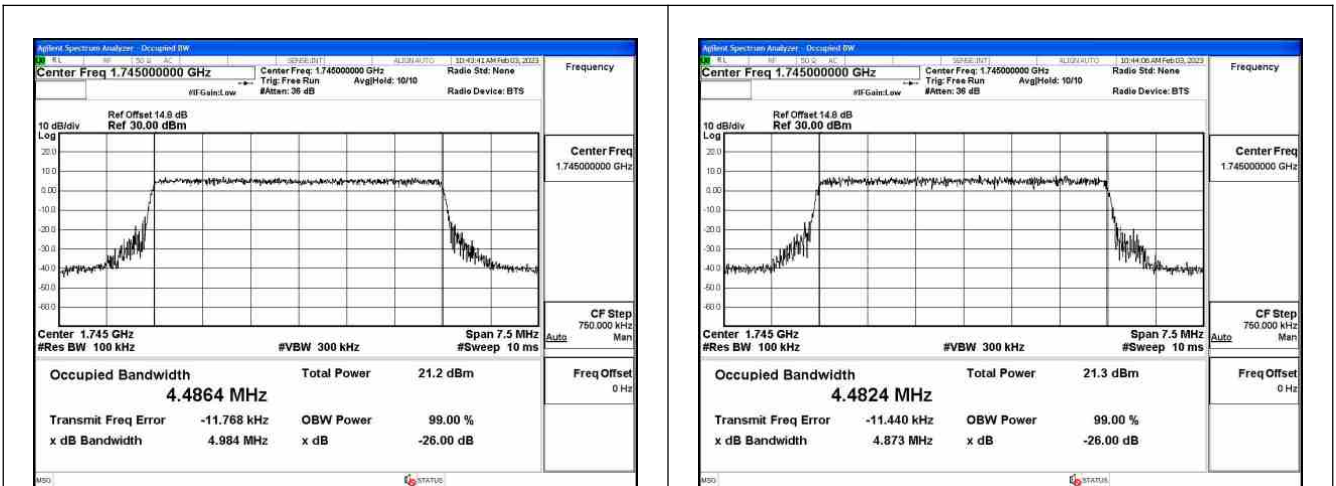


Fig.1

Fig.2

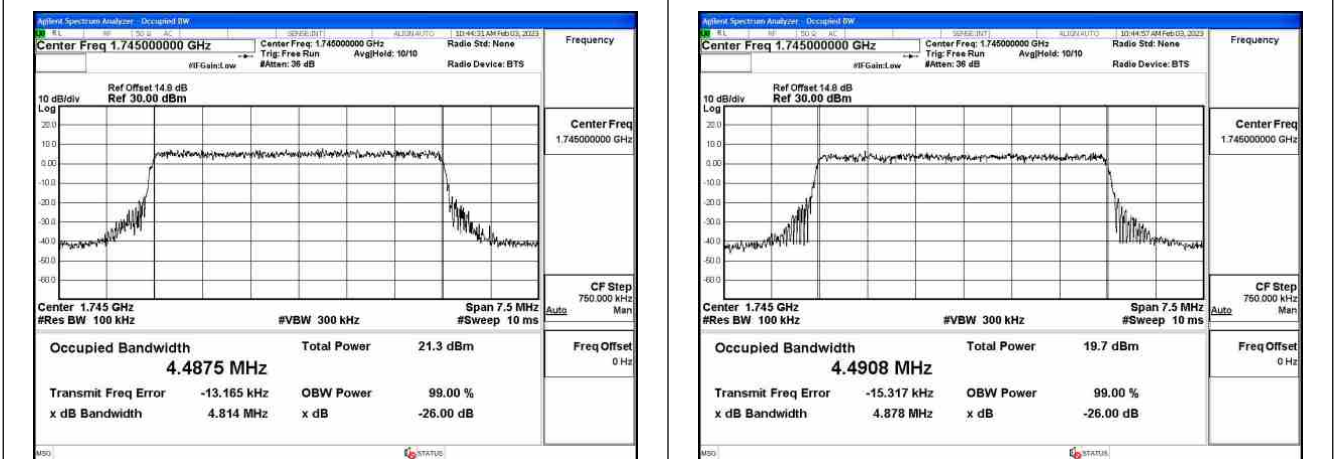


Fig.3

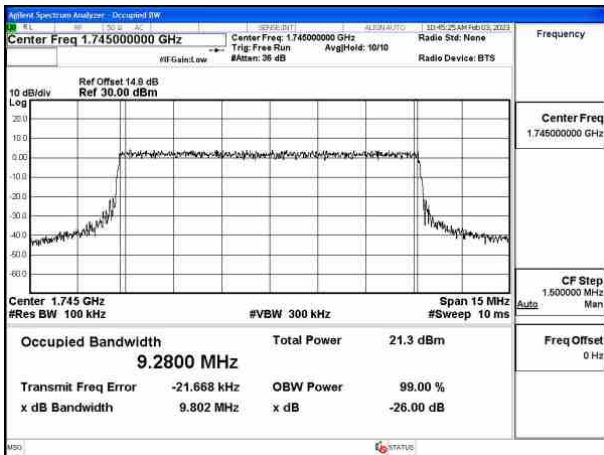


Fig.4

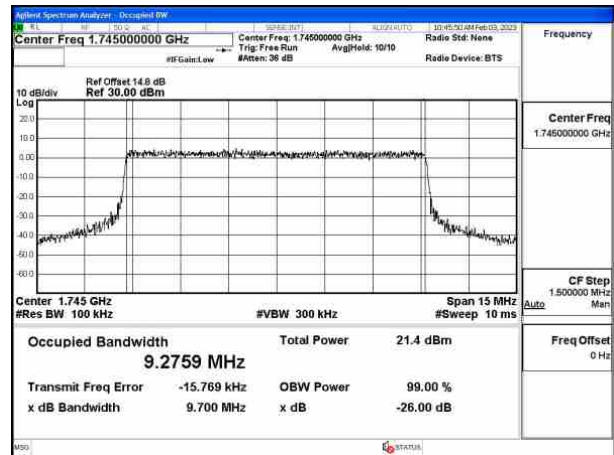


Fig.5

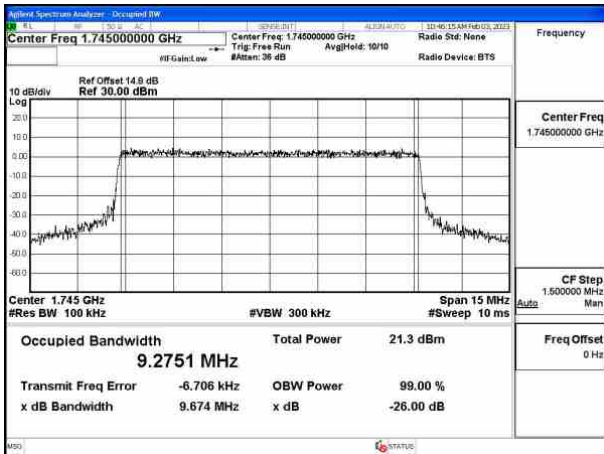


Fig.6

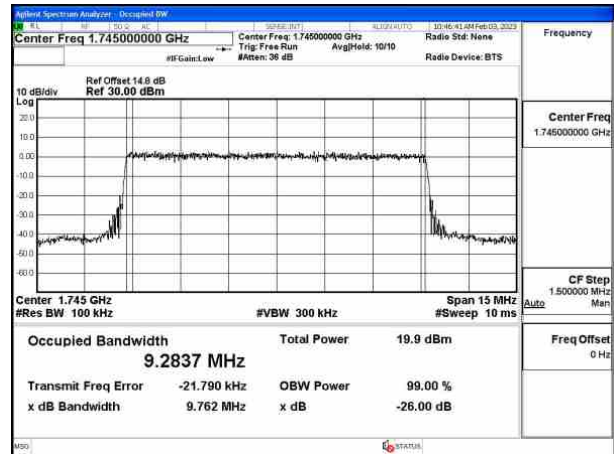


Fig.7

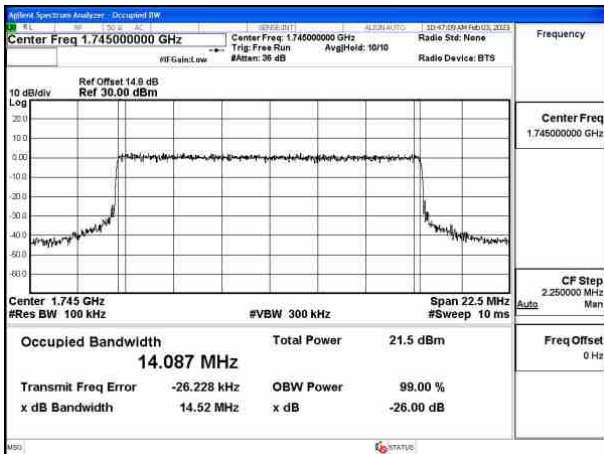


Fig.8

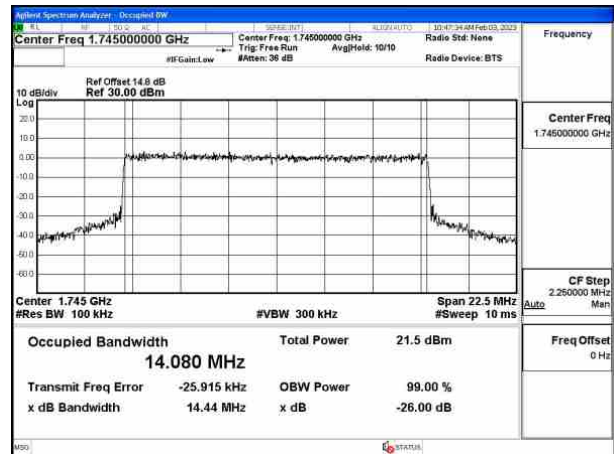


Fig.9

Fig.10

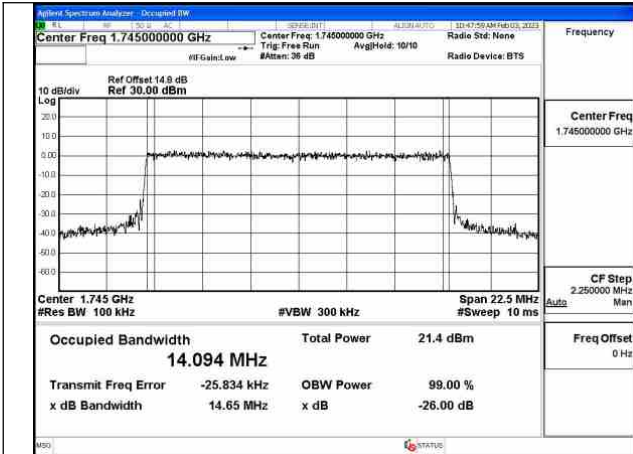


Fig.11

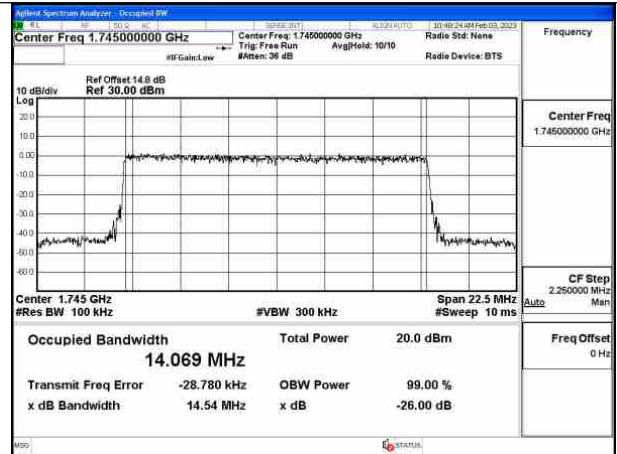


Fig.12

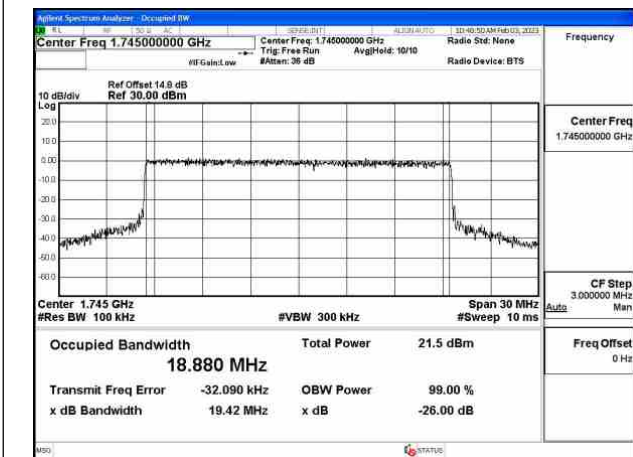


Fig.13

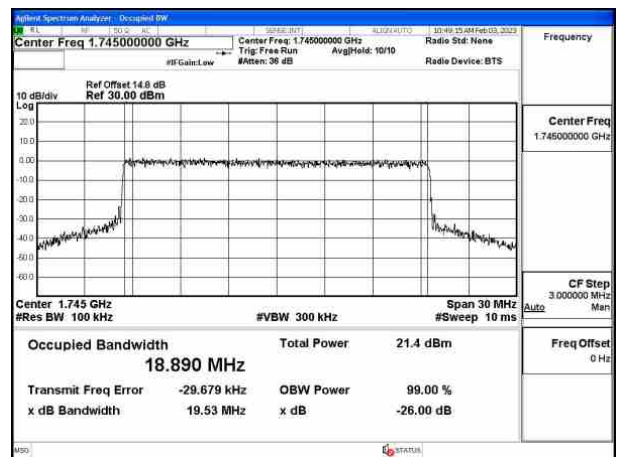


Fig.14

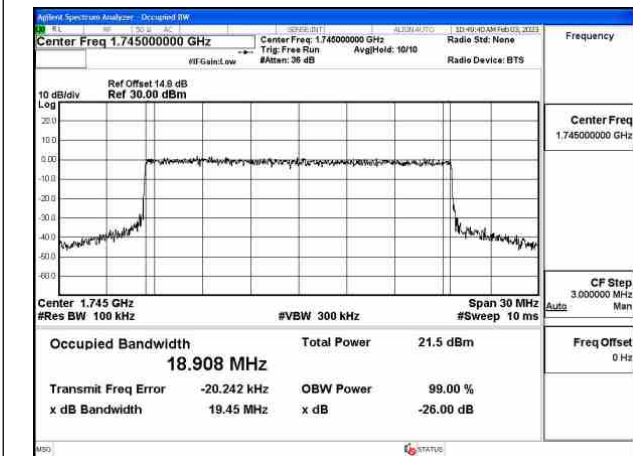


Fig.15

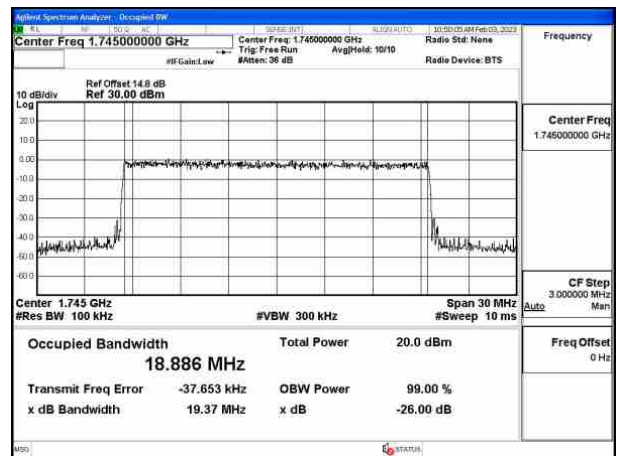


Fig.16

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	4.980	Fig.1
CP-OFDM 16QAM	1745	349000	5	25	0	4.870	Fig.2
CP-OFDM 64QAM	1745	349000	5	25	0	4.810	Fig.3
CP-OFDM 256QAM	1745	349000	5	25	0	4.880	Fig.4
CP-OFDM QPSK	1745	349000	10	52	0	9.800	Fig.5
CP-OFDM 16QAM	1745	349000	10	52	0	9.700	Fig.6
CP-OFDM 64QAM	1745	349000	10	52	0	9.670	Fig.7
CP-OFDM 256QAM	1745	349000	10	52	0	9.760	Fig.8
CP-OFDM QPSK	1745	349000	15	79	0	14.520	Fig.9
CP-OFDM 16QAM	1745	349000	15	79	0	14.440	Fig.10
CP-OFDM 64QAM	1745	349000	15	79	0	14.650	Fig.11
CP-OFDM 256QAM	1745	349000	15	79	0	14.540	Fig.12
CP-OFDM QPSK	1745	349000	20	106	0	19.420	Fig.13
CP-OFDM 16QAM	1745	349000	20	106	0	19.530	Fig.14
CP-OFDM 64QAM	1745	349000	20	106	0	19.450	Fig.15
CP-OFDM 256QAM	1745	349000	20	106	0	19.370	Fig.16

Test Plot:

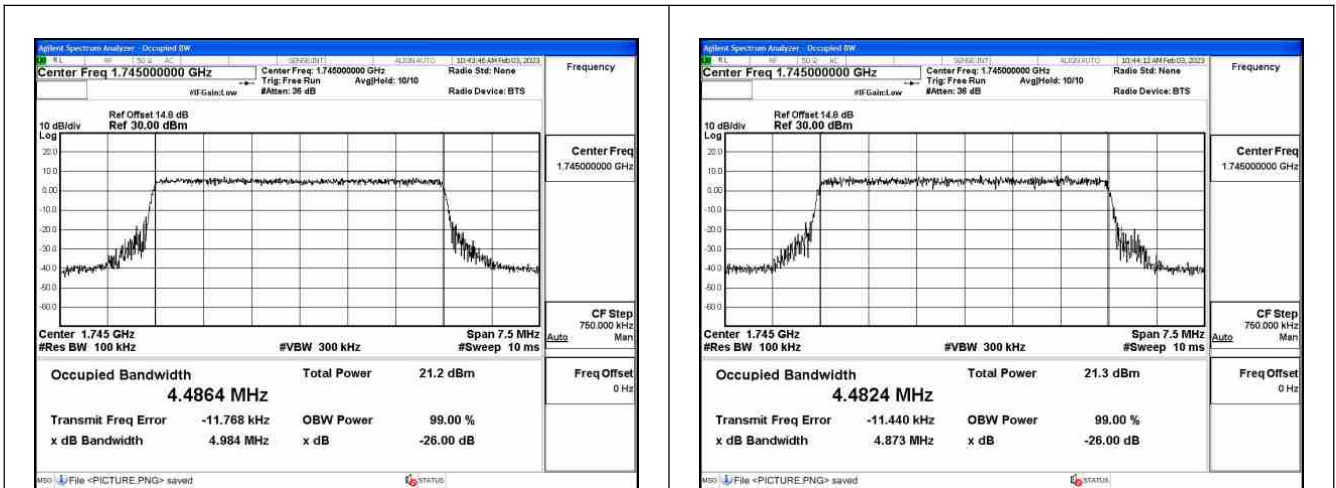


Fig.1

Fig.2

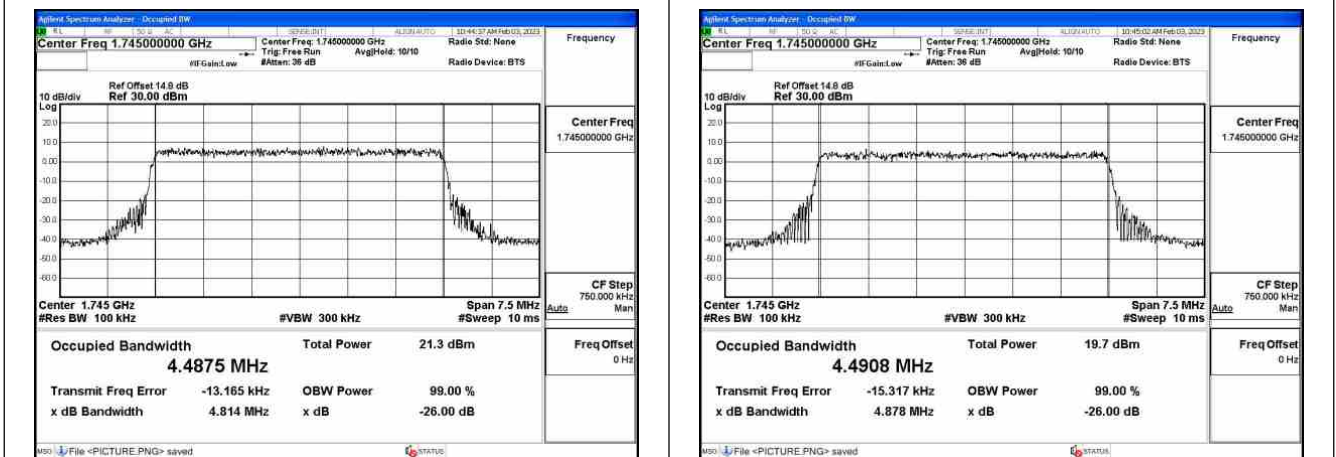


Fig.3

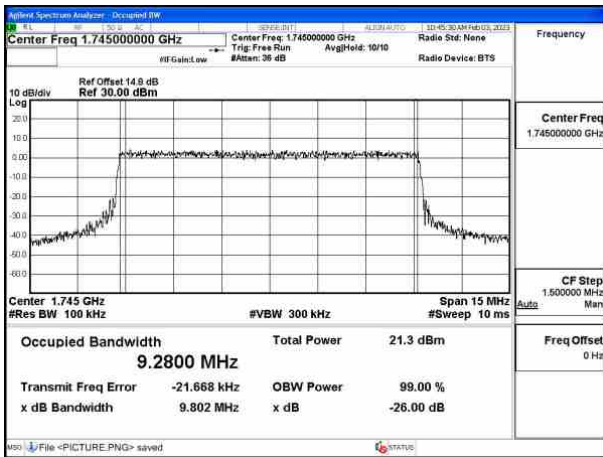


Fig.4

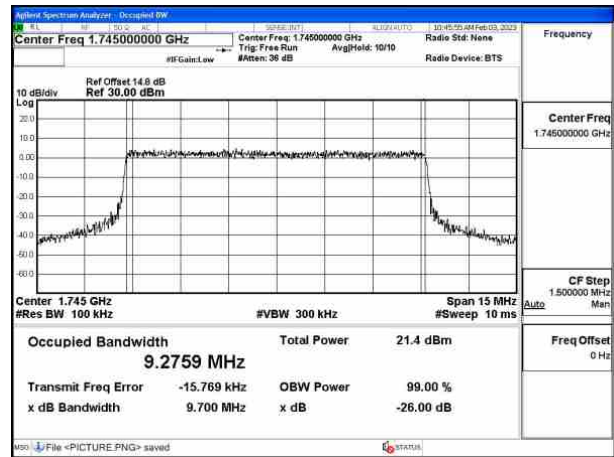


Fig.5

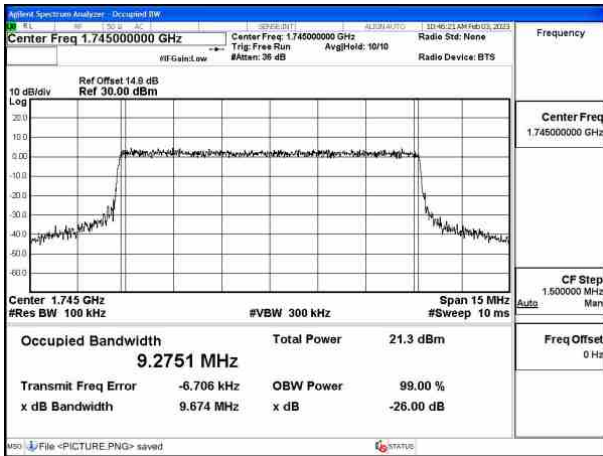


Fig.6

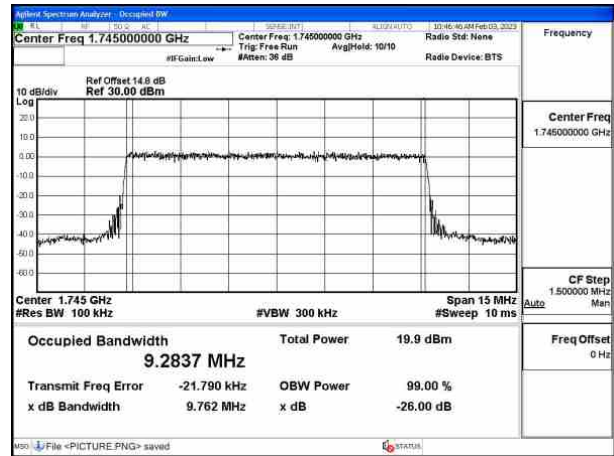


Fig.7

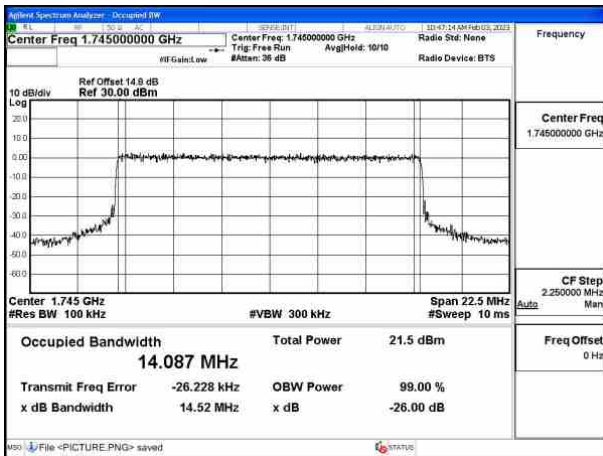


Fig.8

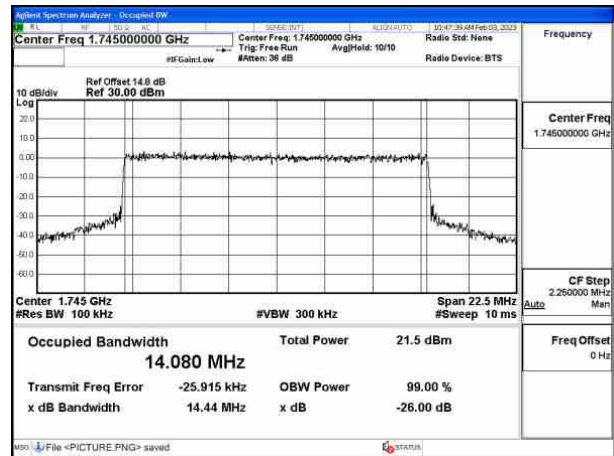


Fig.9

Fig.10

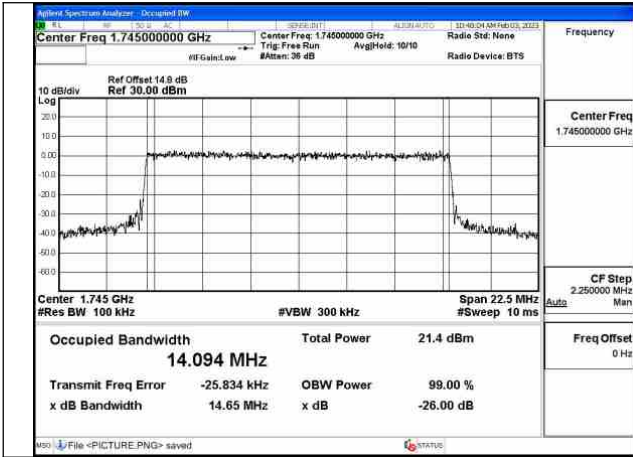


Fig.11

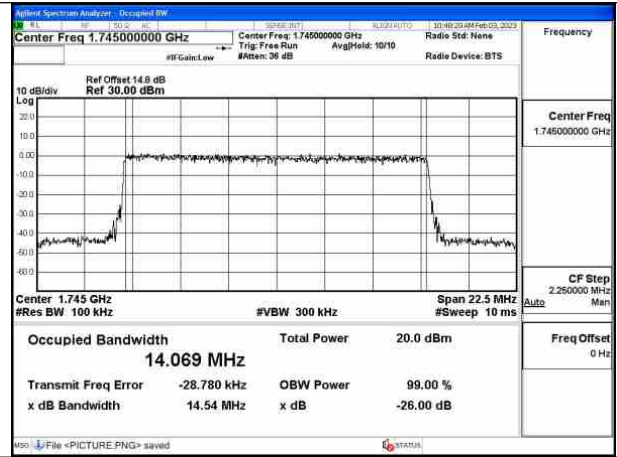


Fig.12

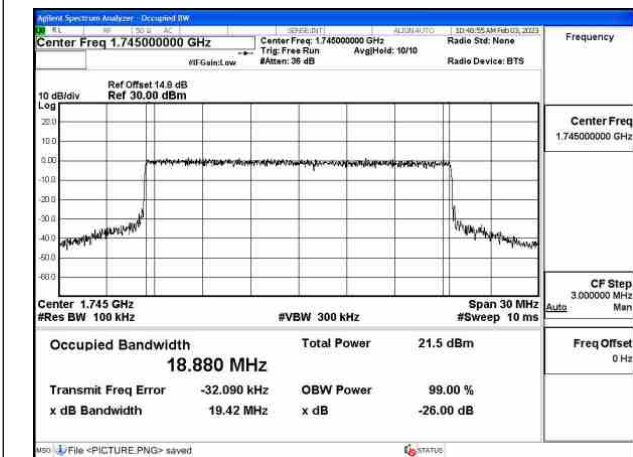


Fig.13

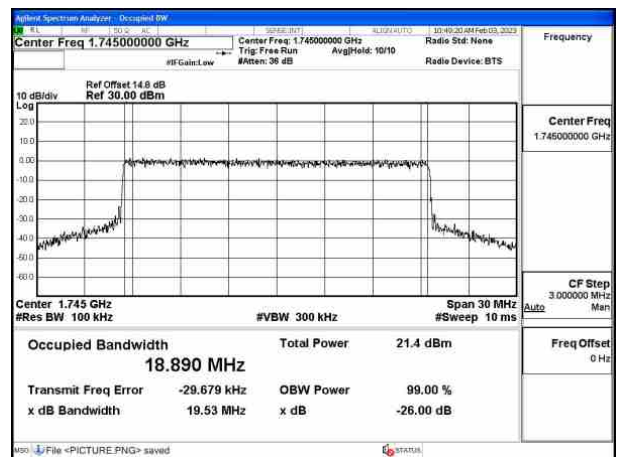


Fig.14

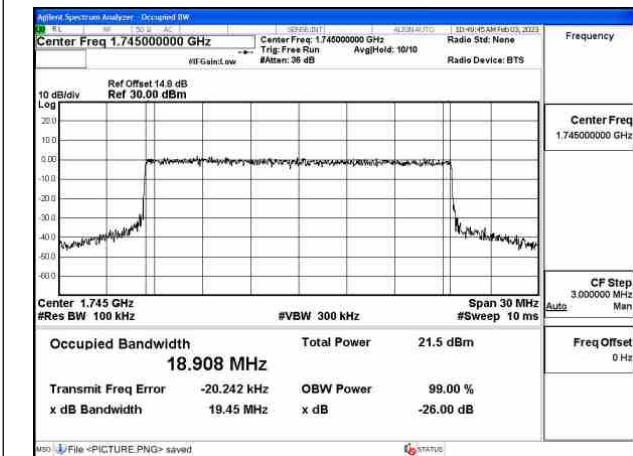


Fig.15

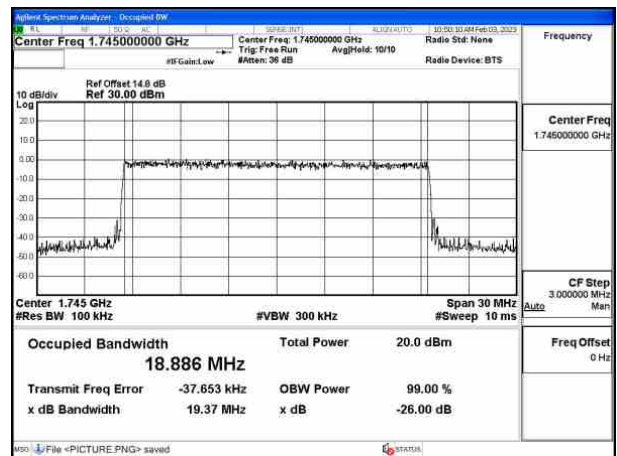
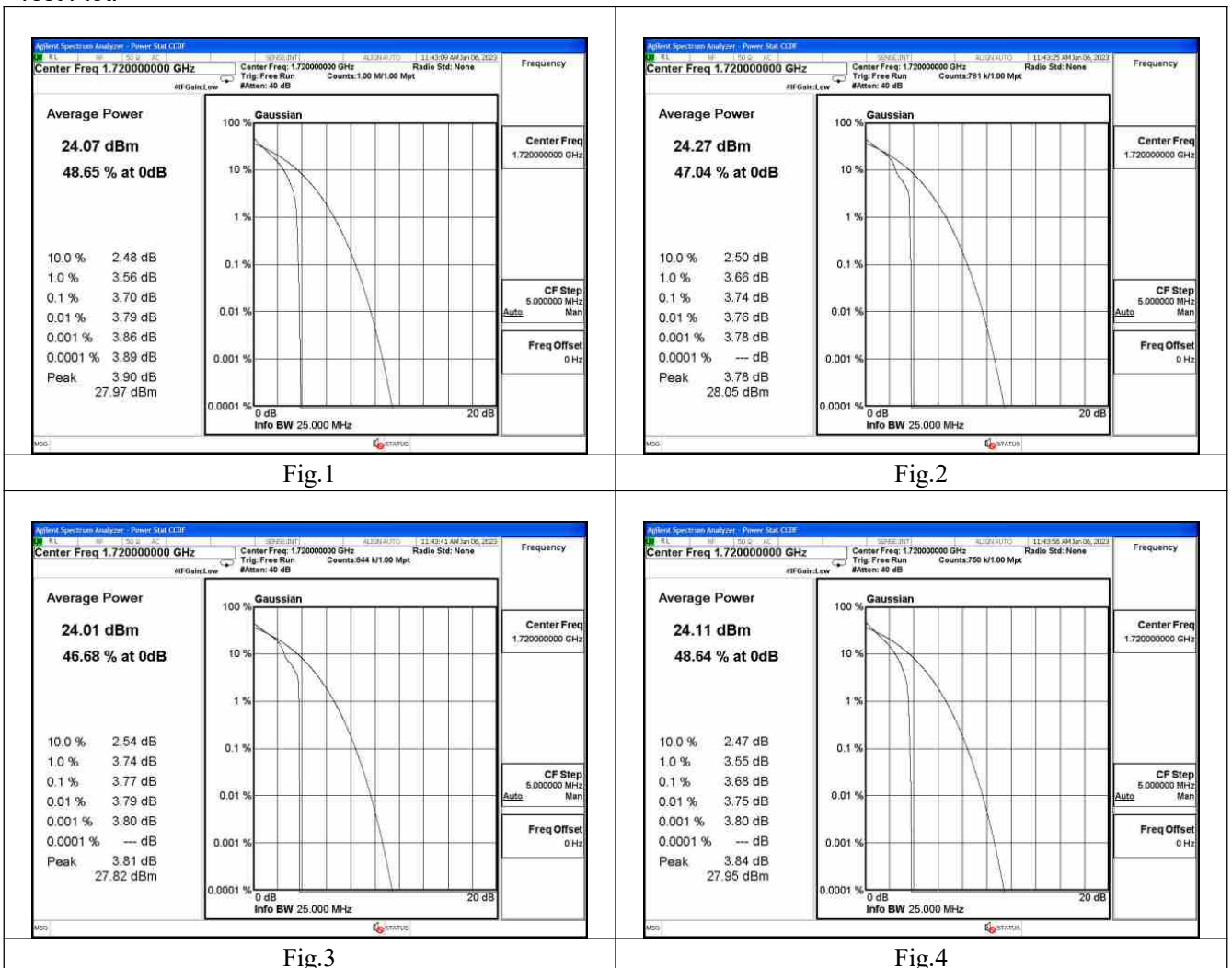


Fig.16

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:



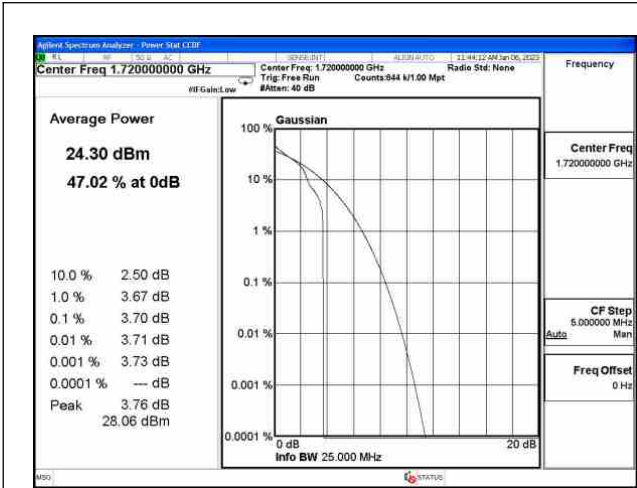


Fig.5

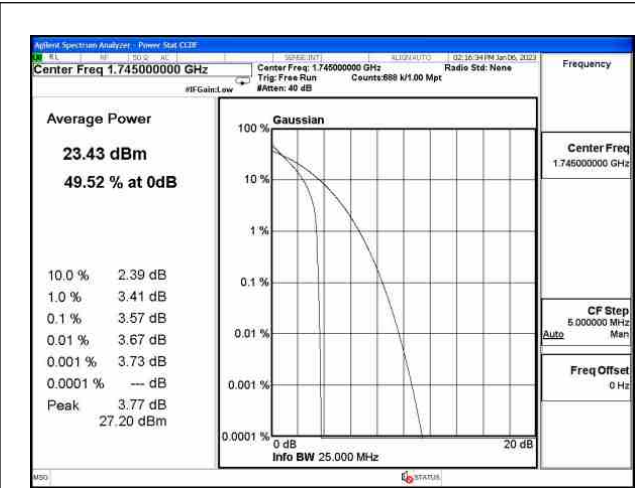


Fig.6

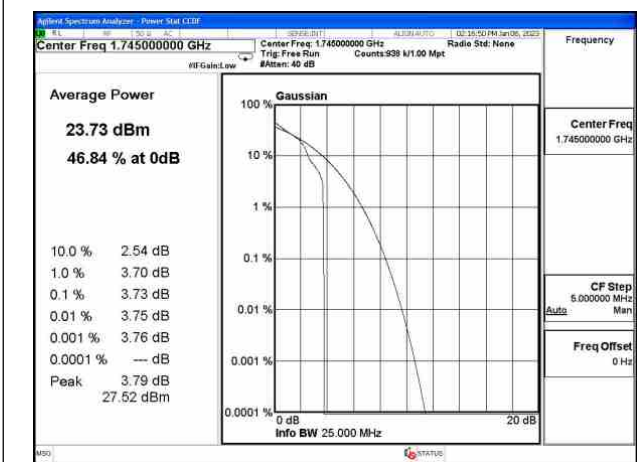


Fig.7

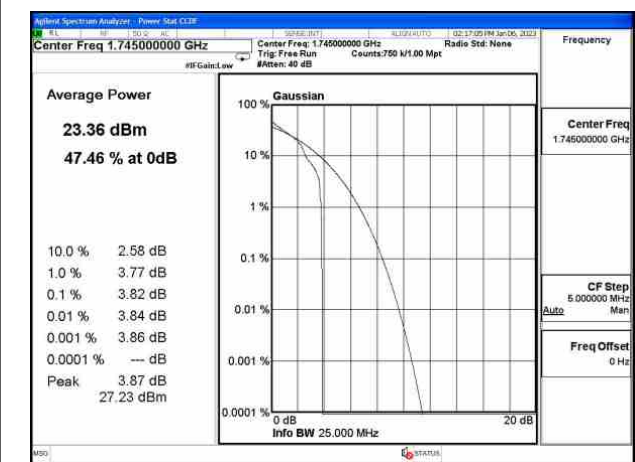


Fig.8

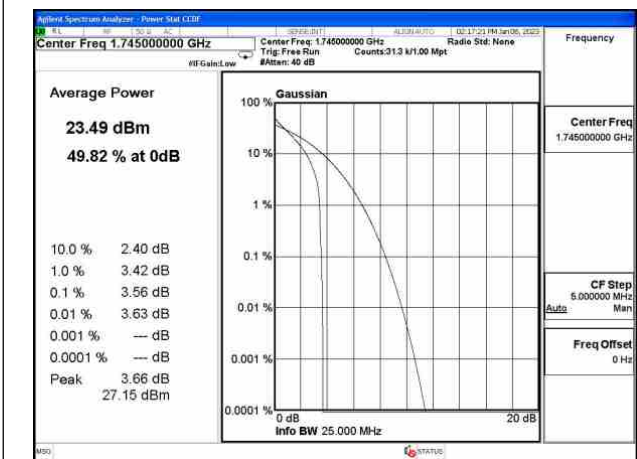


Fig.9

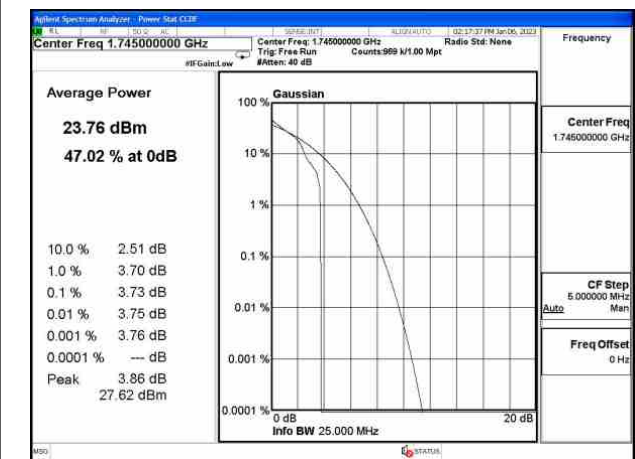


Fig.10

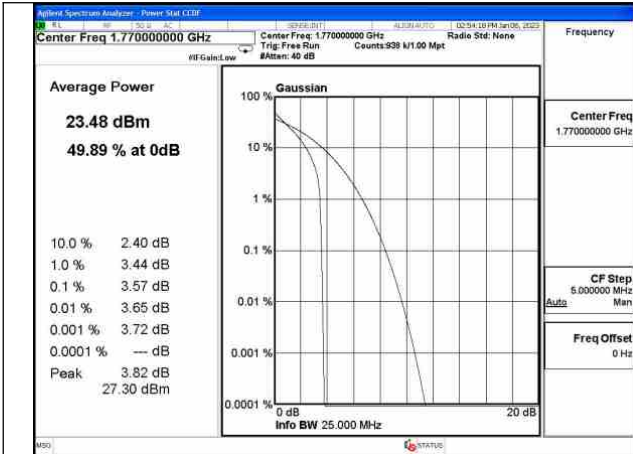


Fig.11

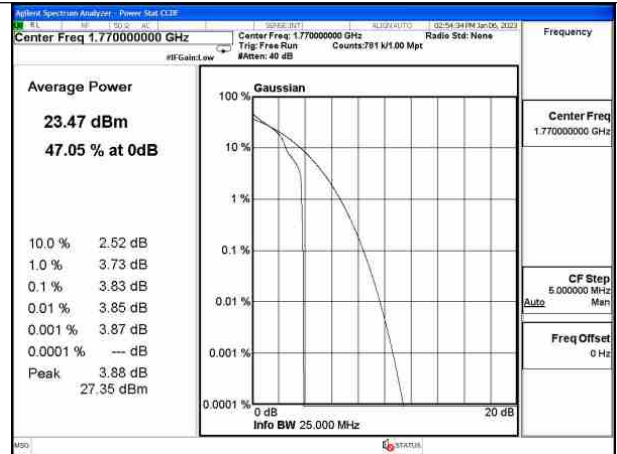


Fig.12

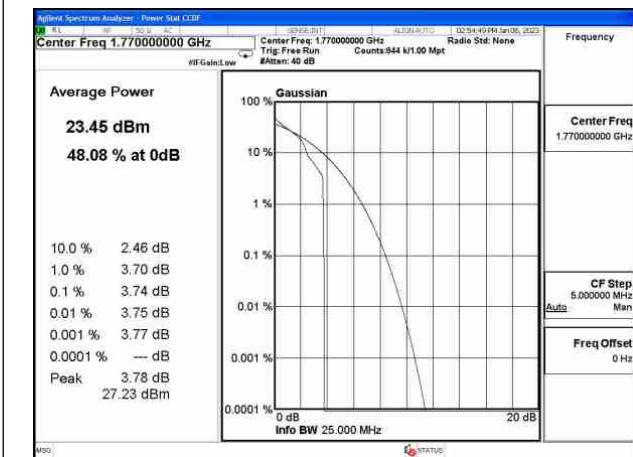


Fig.13

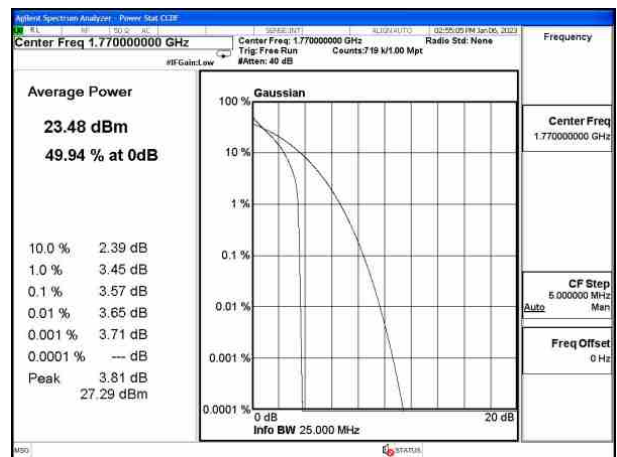


Fig.14

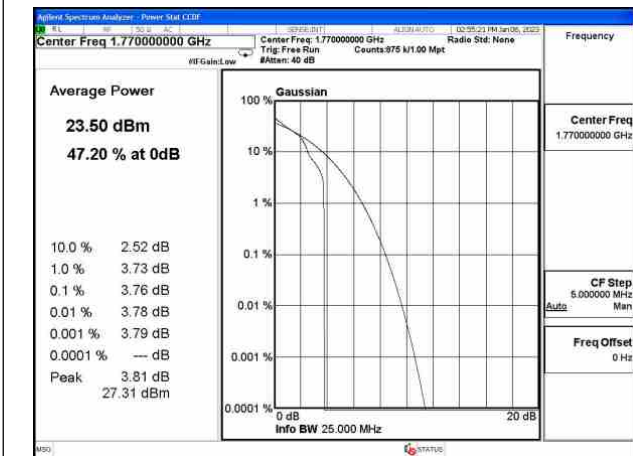


Fig.15

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:

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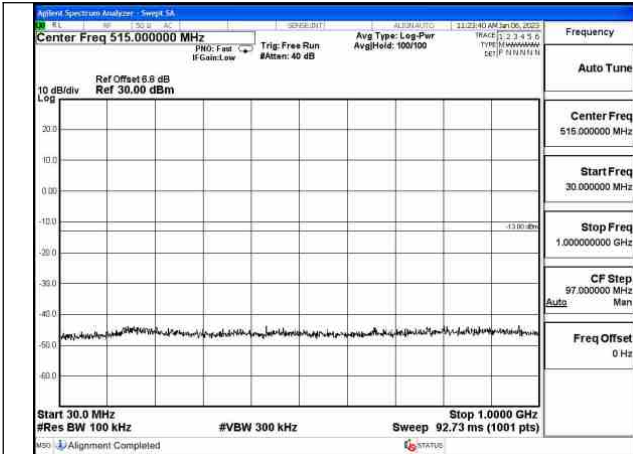


Fig.1

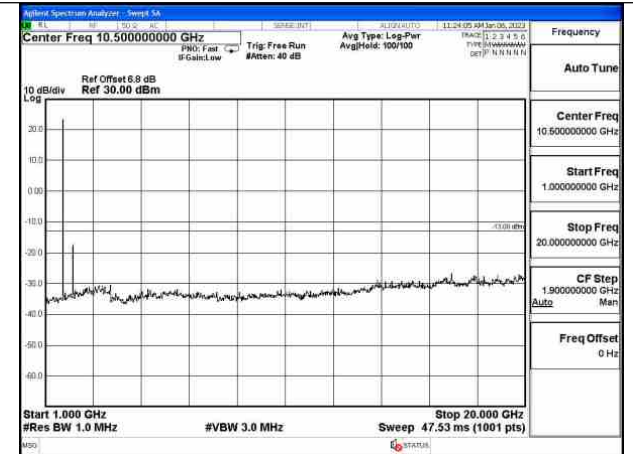


Fig.2

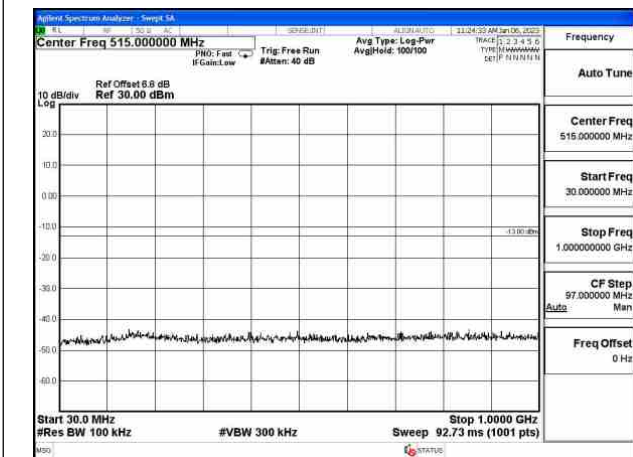


Fig.3

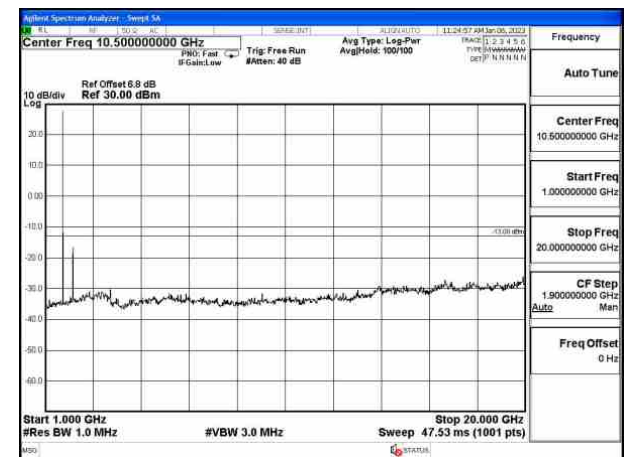


Fig.4

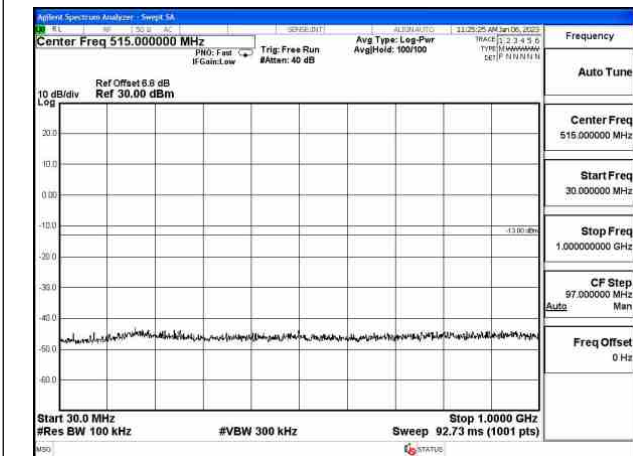


Fig.5

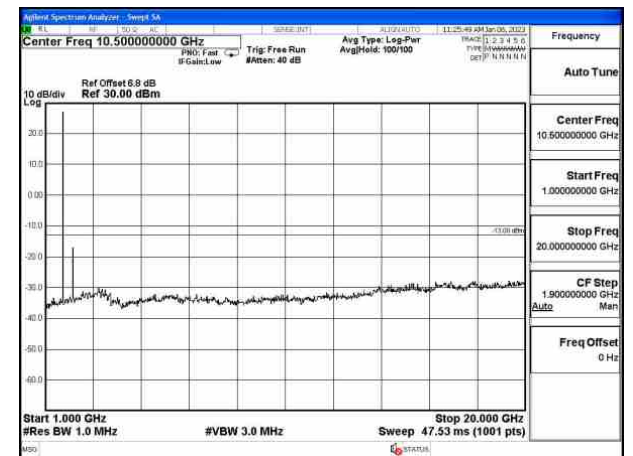


Fig.6

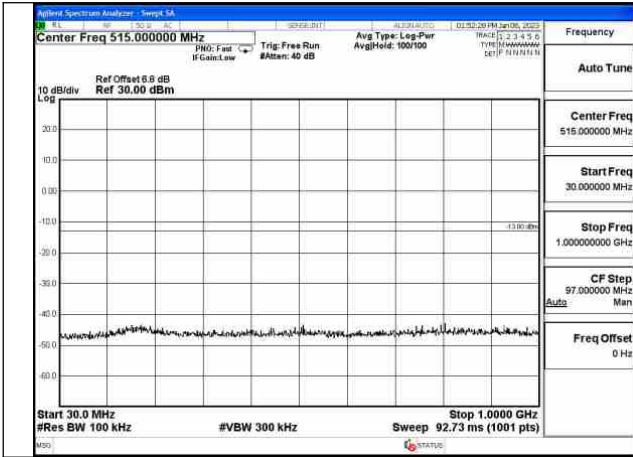


Fig.7

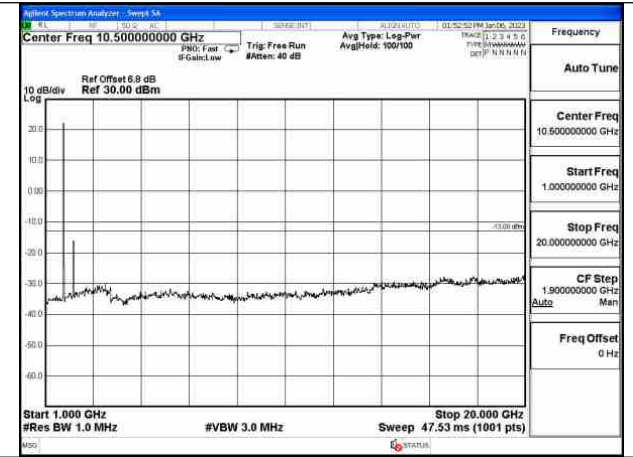


Fig.8

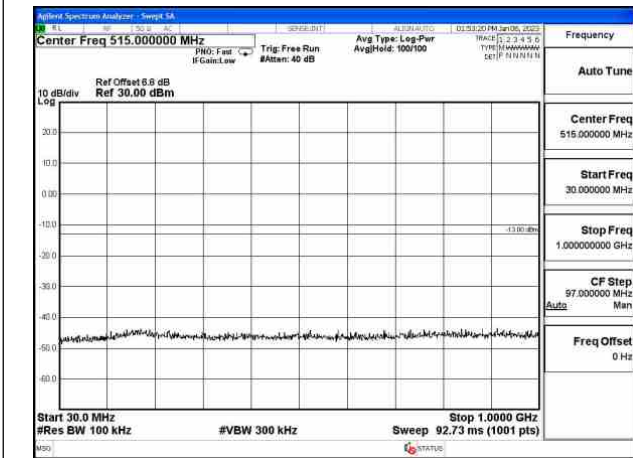


Fig.9

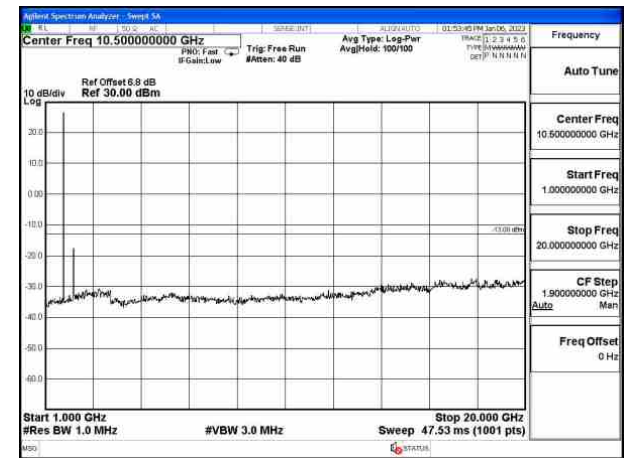


Fig.10

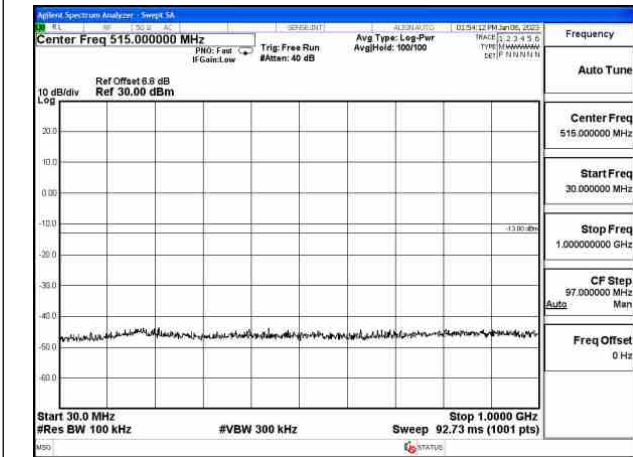


Fig.11



Fig.12

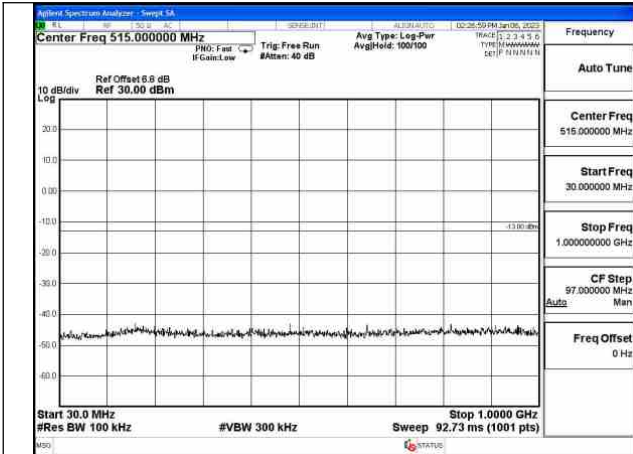


Fig.13

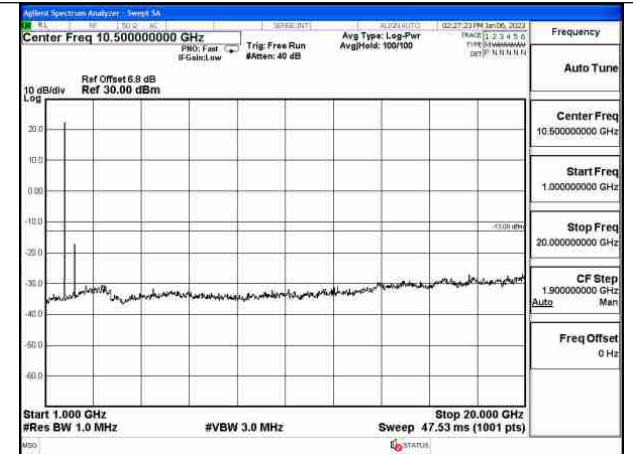


Fig.14

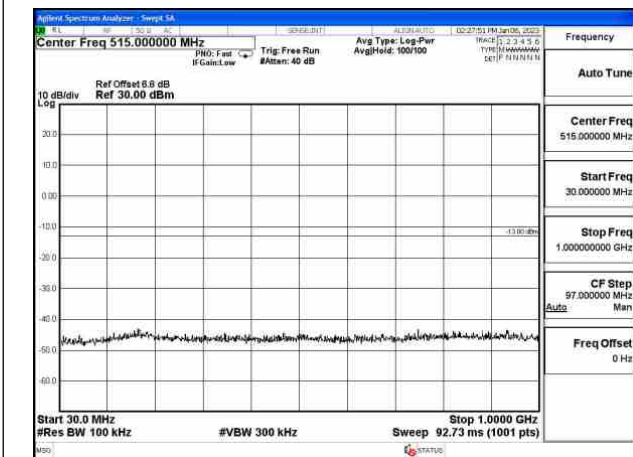


Fig.15

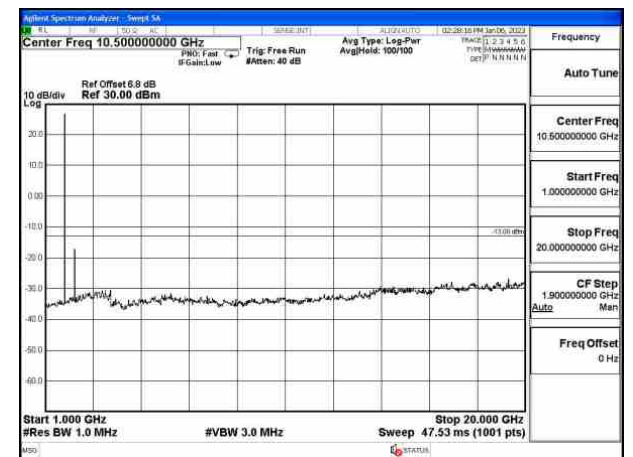


Fig.16

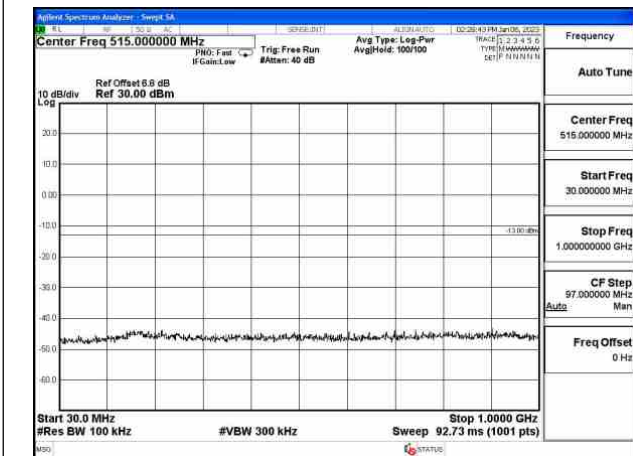


Fig.17



Fig.18

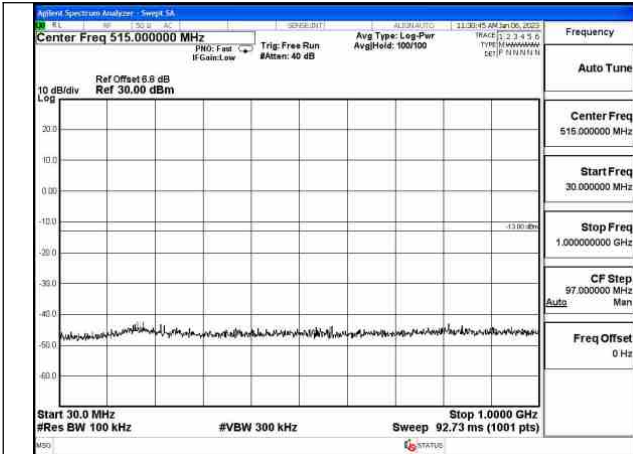


Fig.19

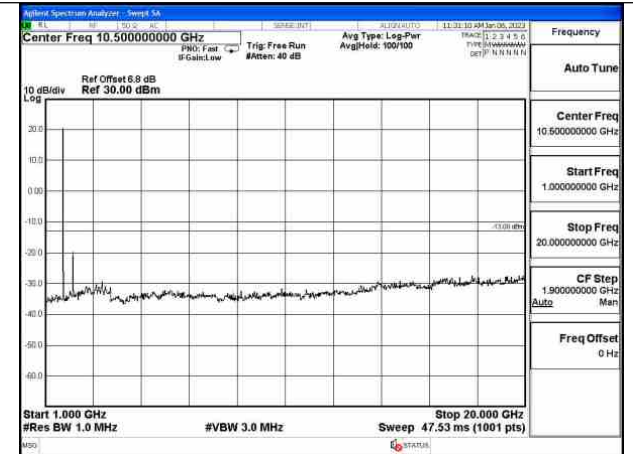


Fig.20

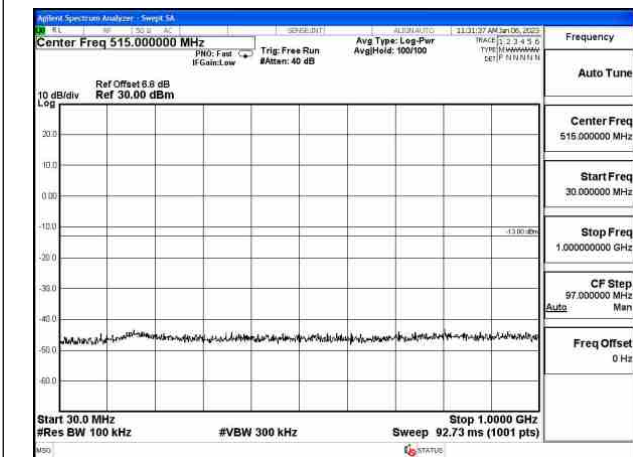


Fig.21

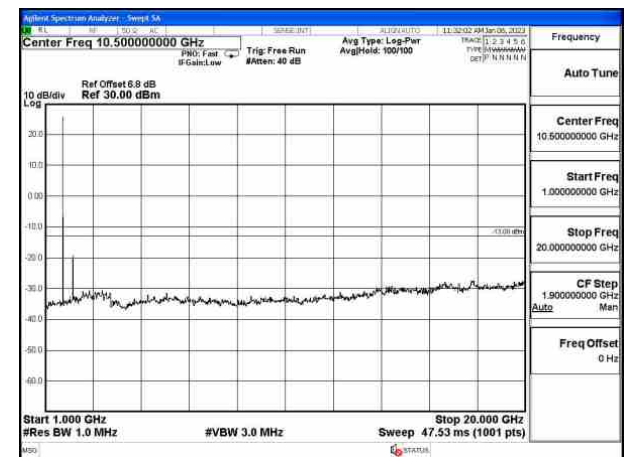


Fig.22

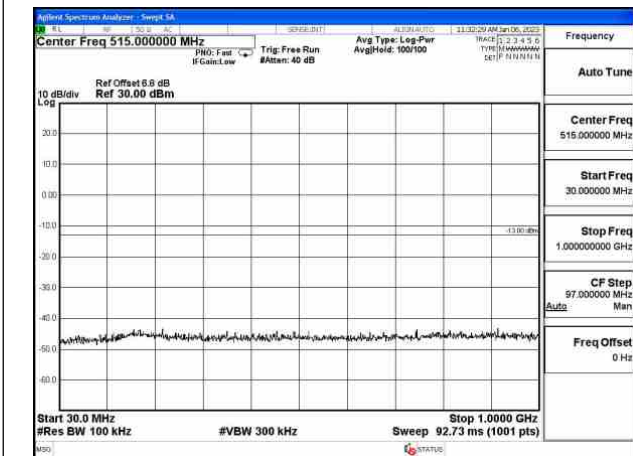


Fig.23

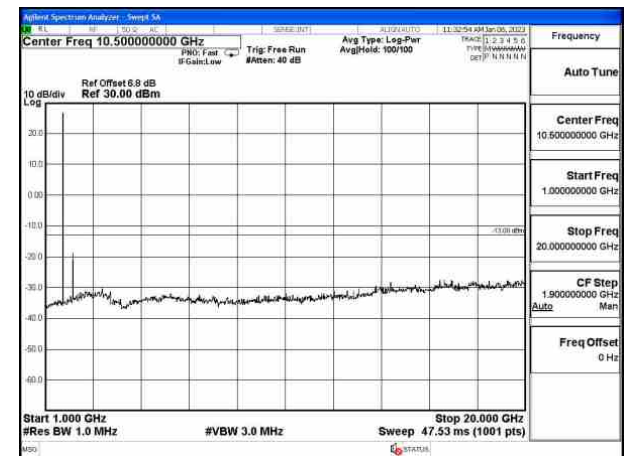


Fig.24

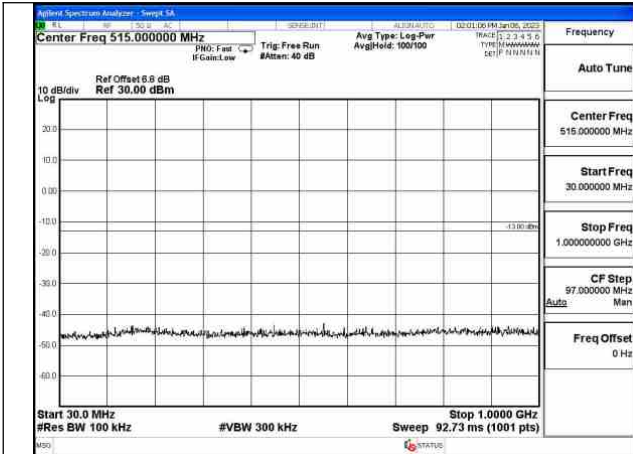


Fig.25

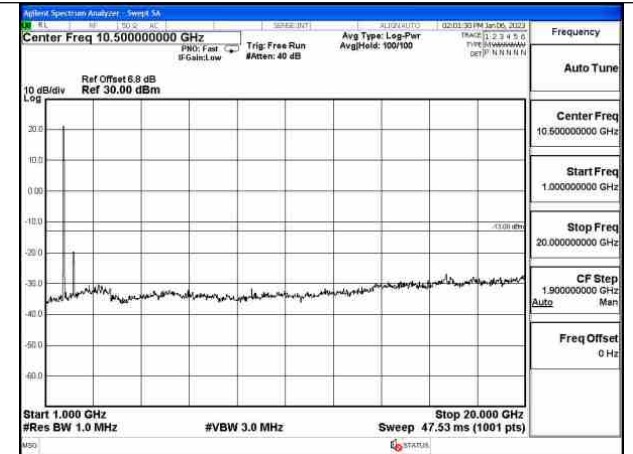


Fig.26

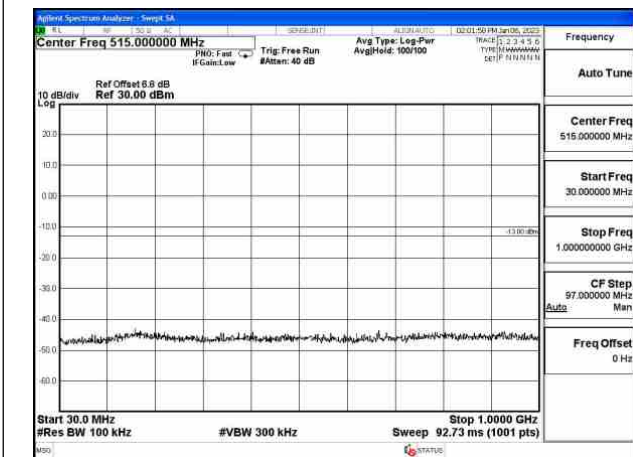


Fig.27

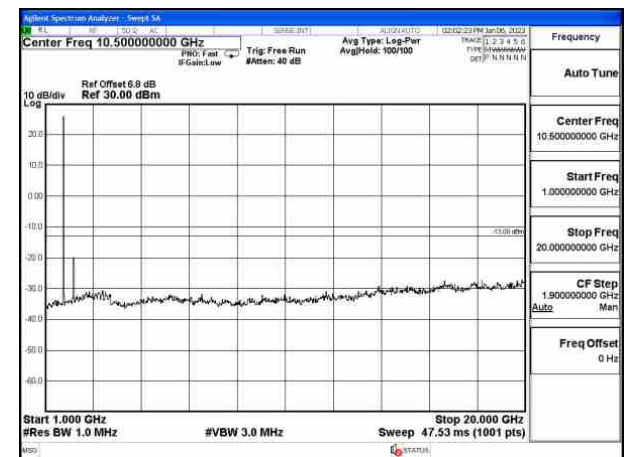


Fig.28

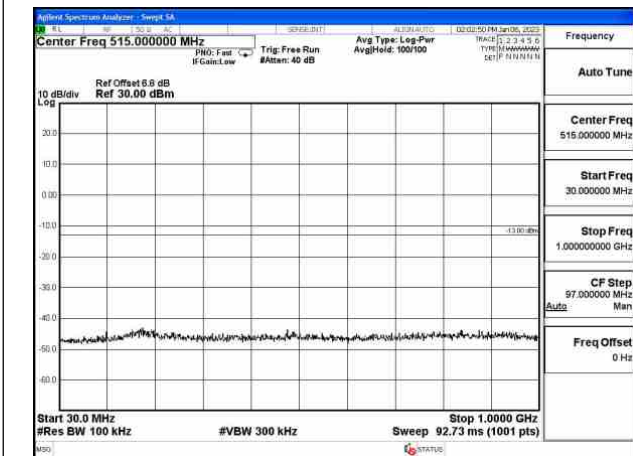


Fig.29

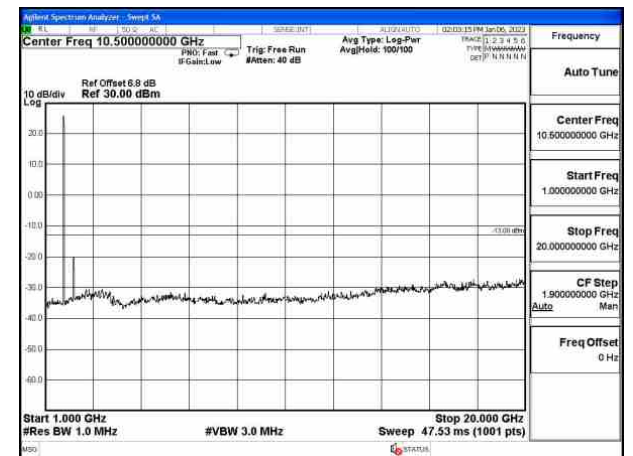


Fig.30

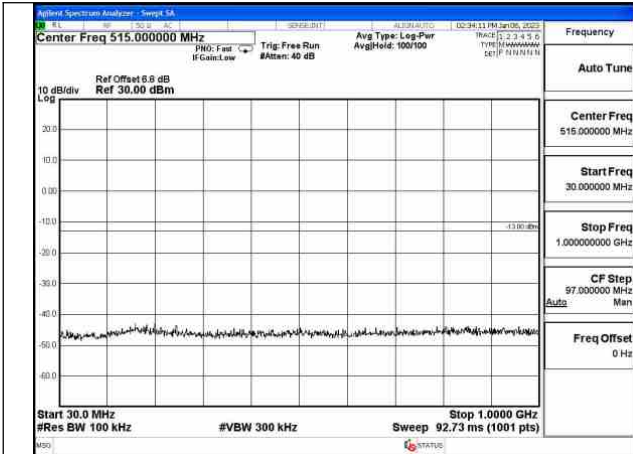


Fig.31

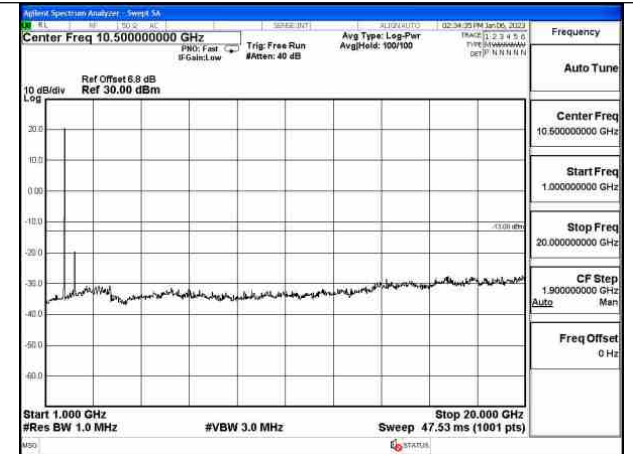


Fig.32

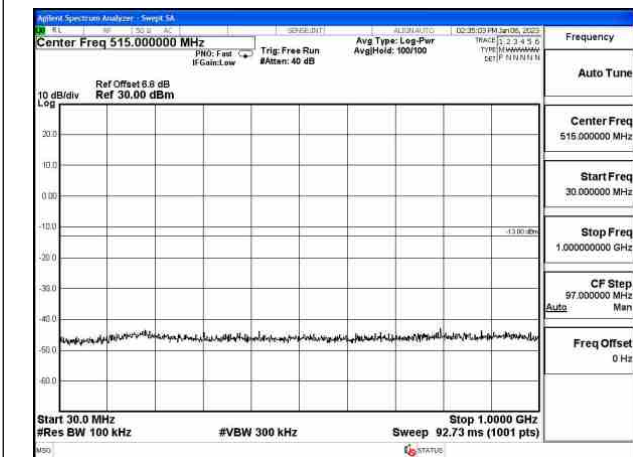


Fig.33

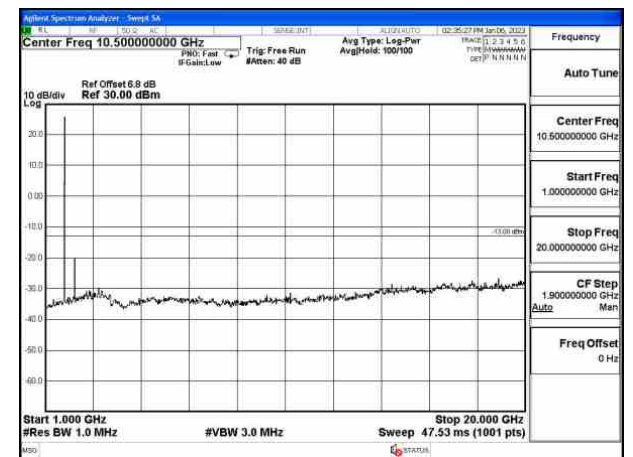


Fig.34

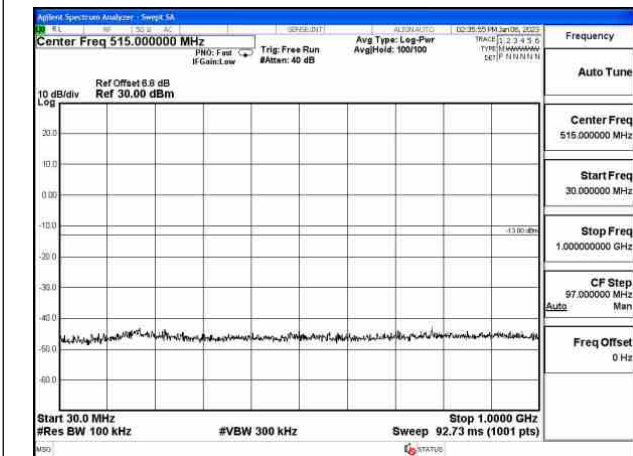


Fig.35

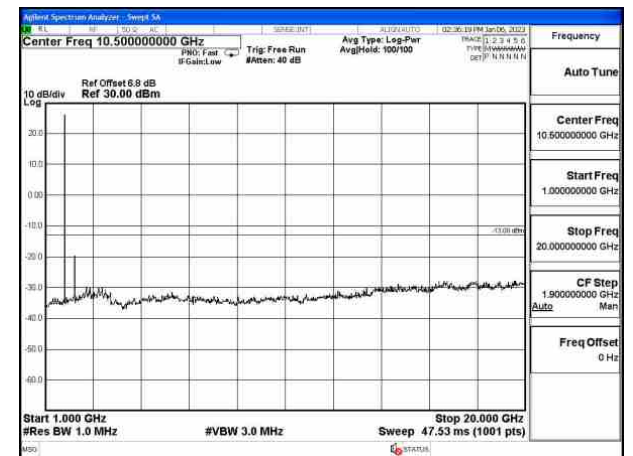


Fig.36

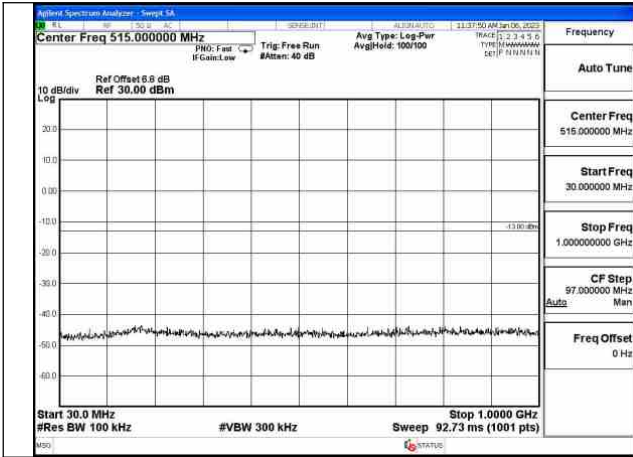


Fig.37

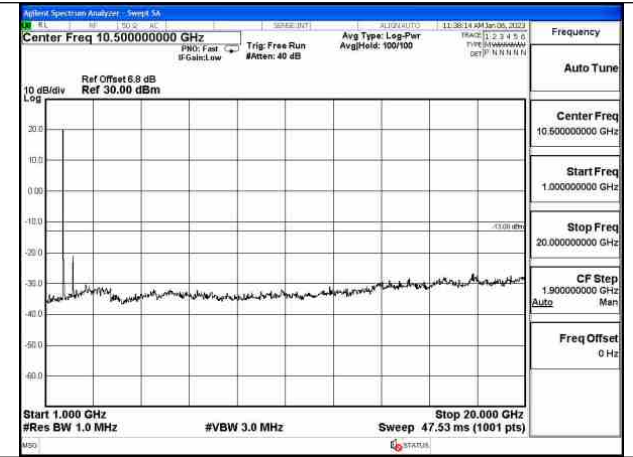


Fig.38



Fig.39

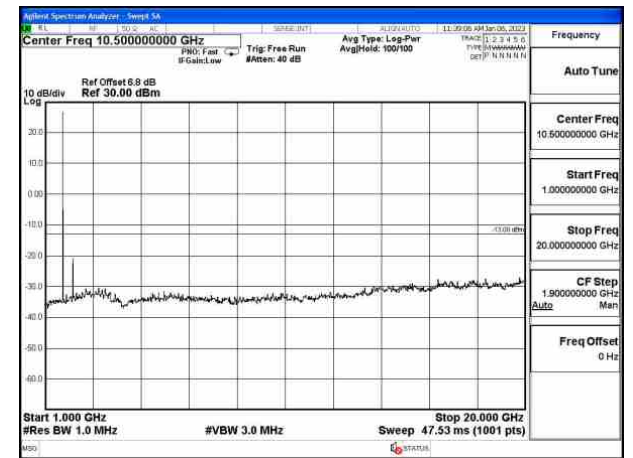


Fig.40



Fig.41

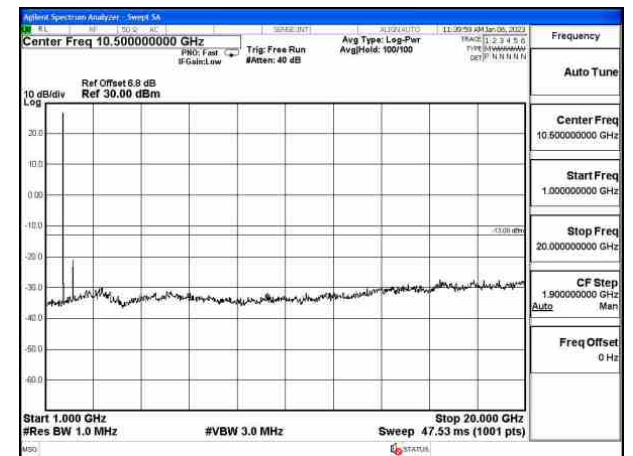


Fig.42

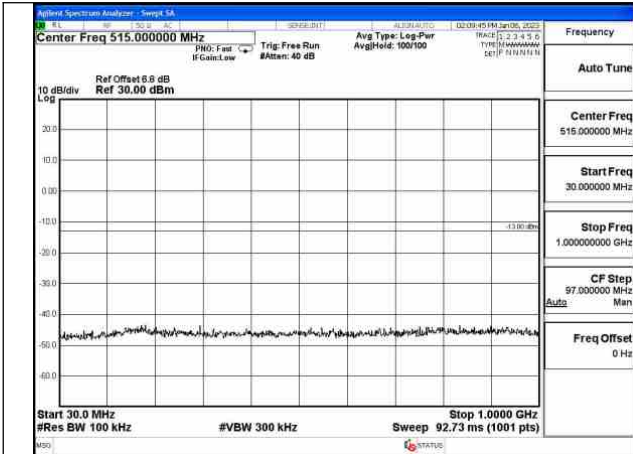


Fig.43

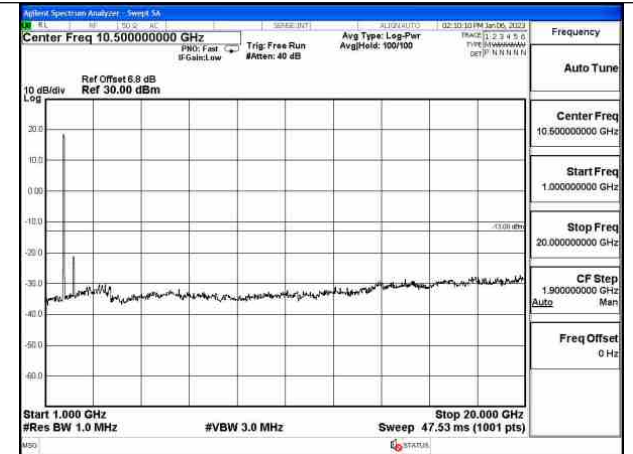


Fig.44

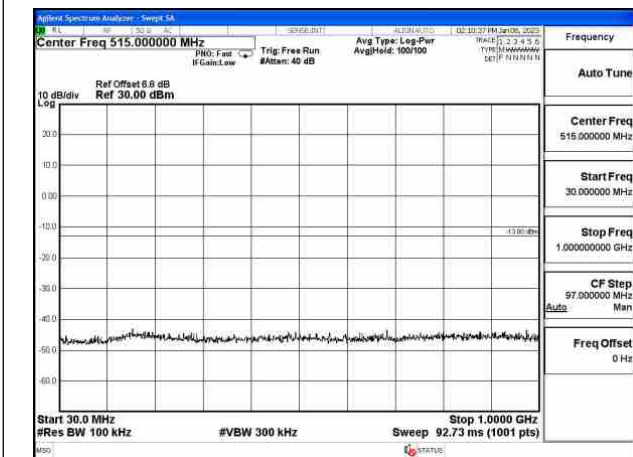


Fig.45

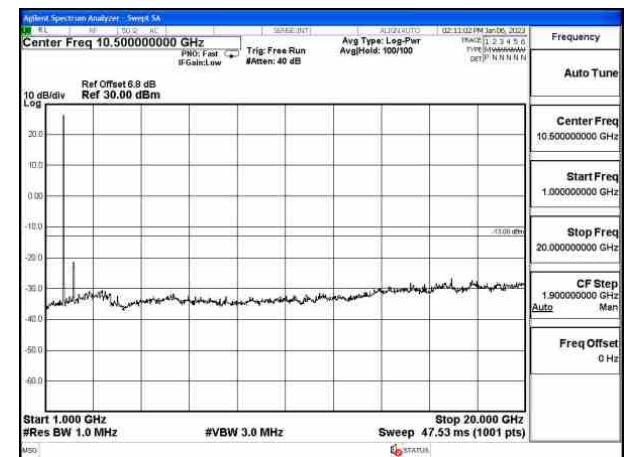


Fig.46

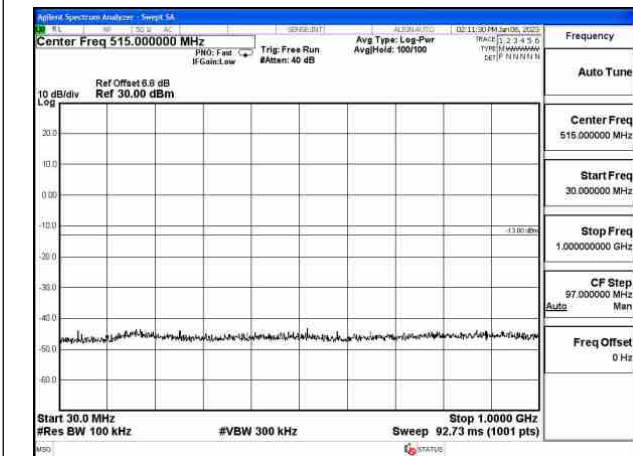


Fig.47

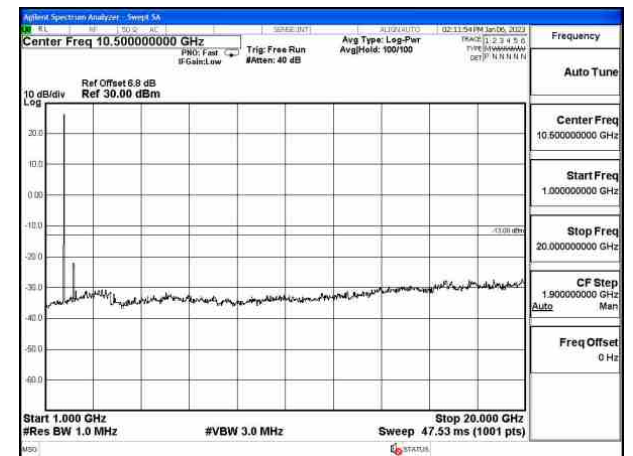


Fig.48

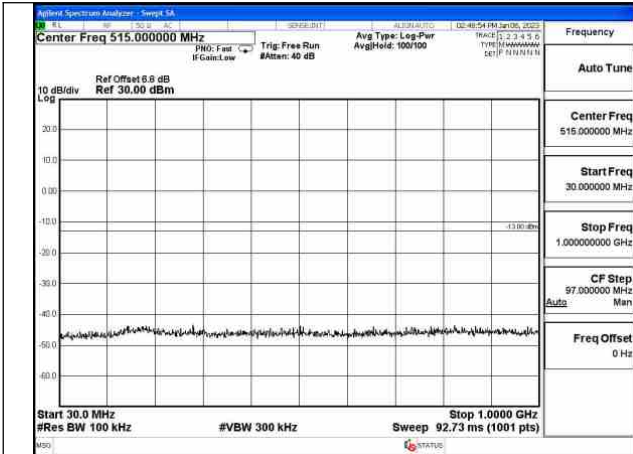


Fig.49

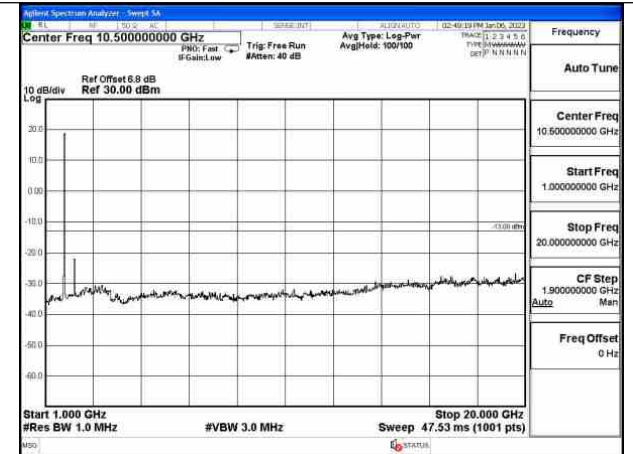


Fig.50



Fig.51

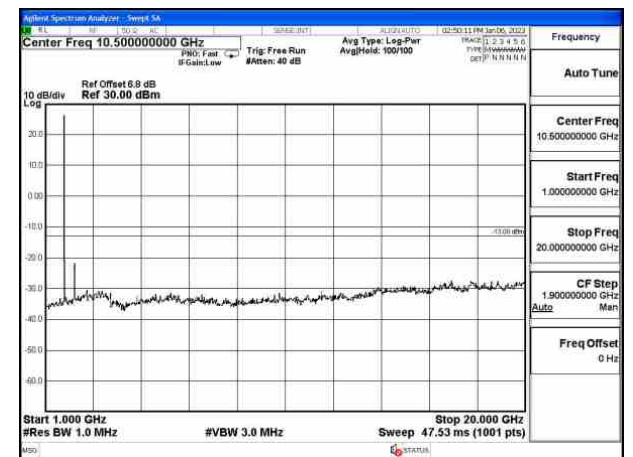


Fig.52

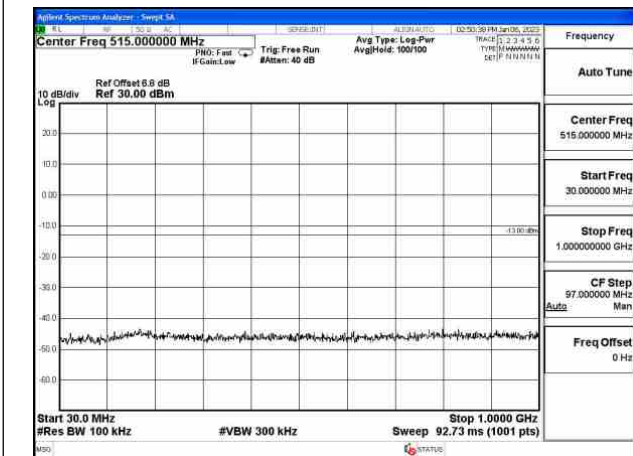


Fig.53

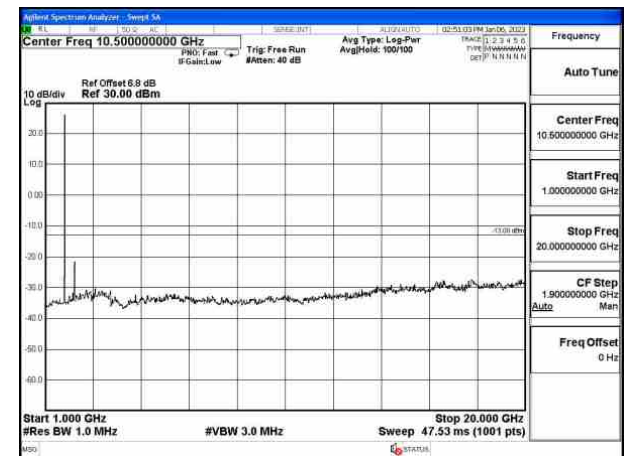


Fig.54

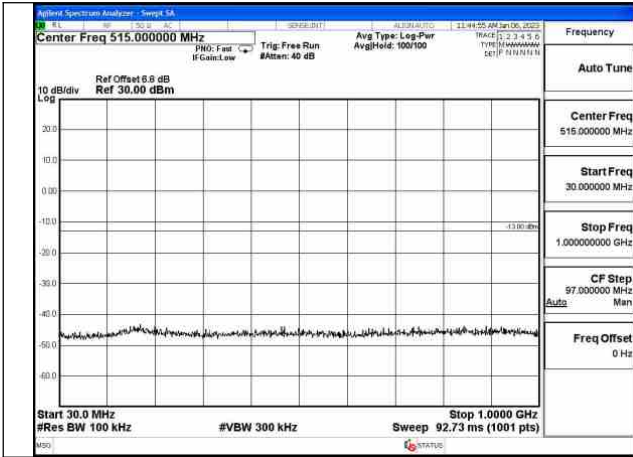


Fig.55

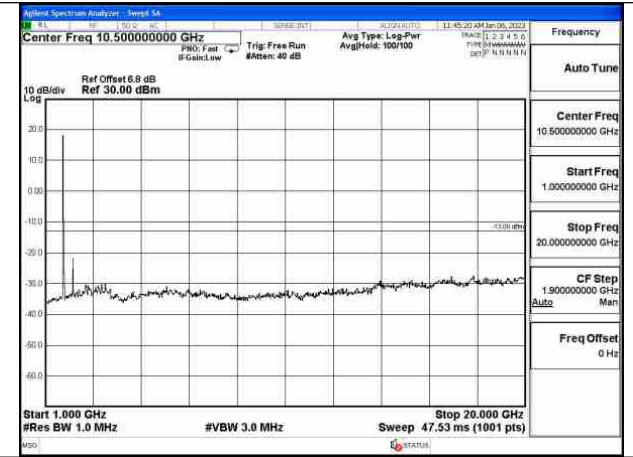


Fig.56

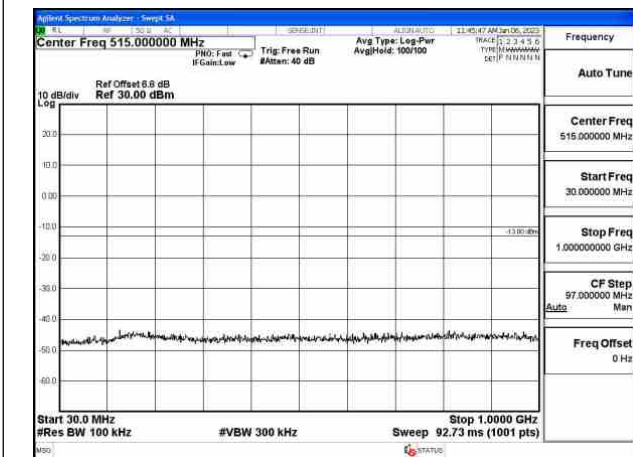


Fig.57

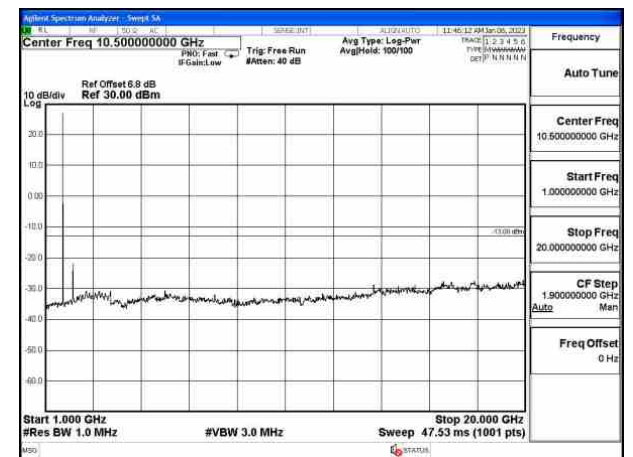


Fig.58

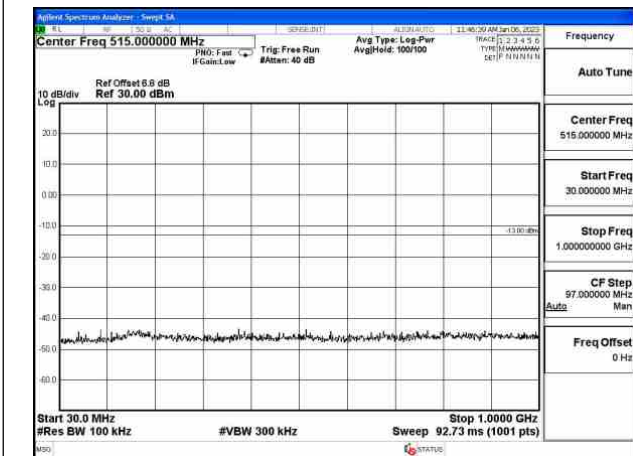


Fig.59

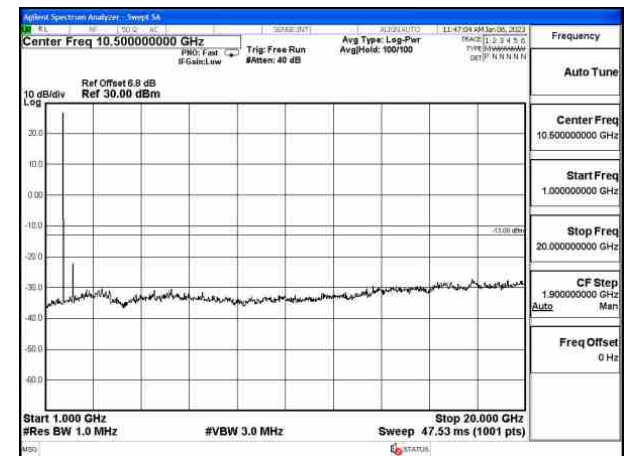


Fig.60

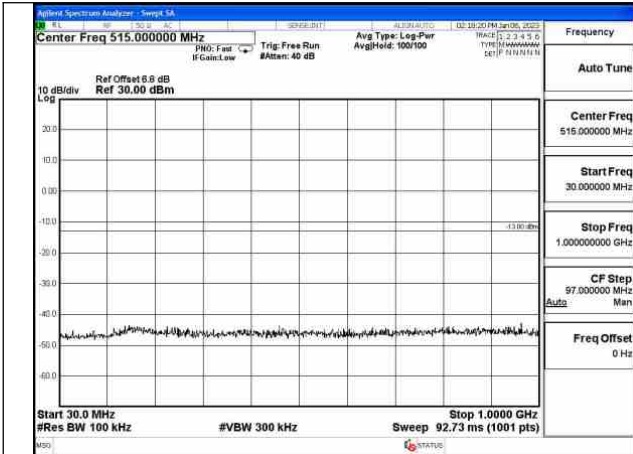


Fig.61



Fig.62

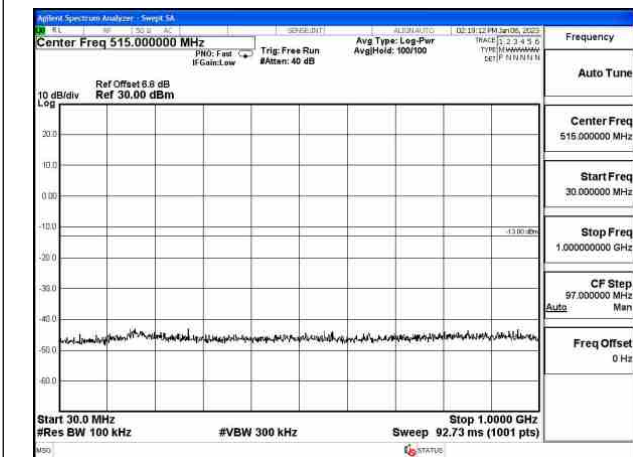


Fig.63

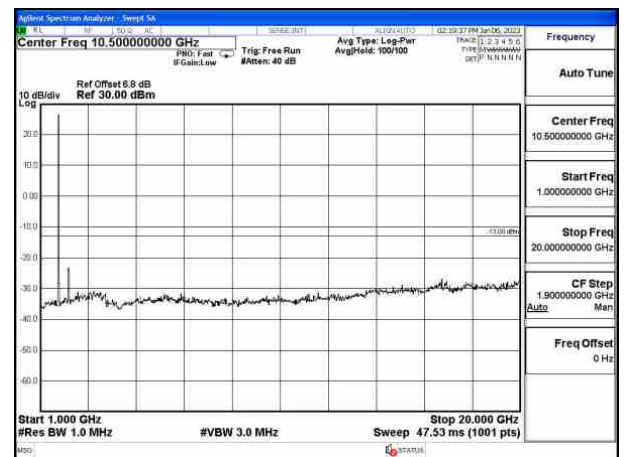


Fig.64

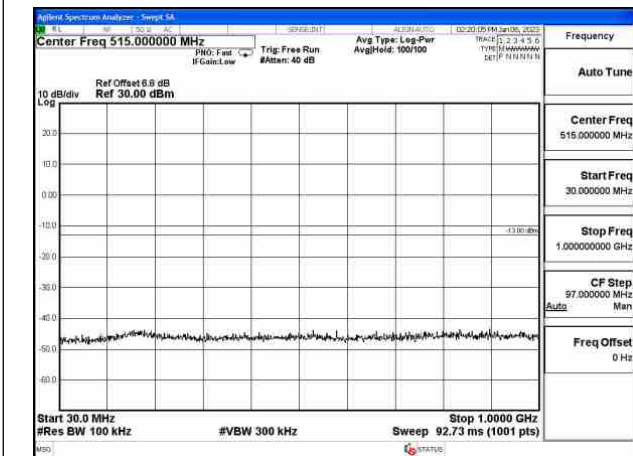


Fig.65

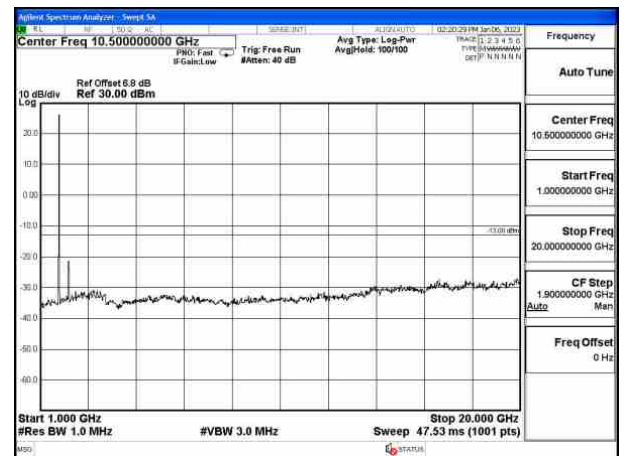


Fig.66

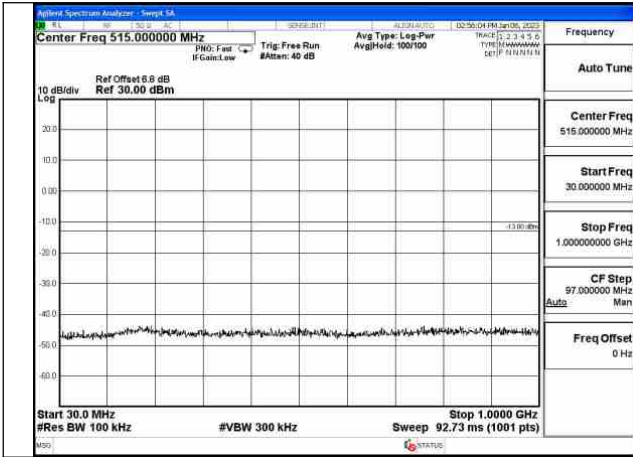


Fig.67

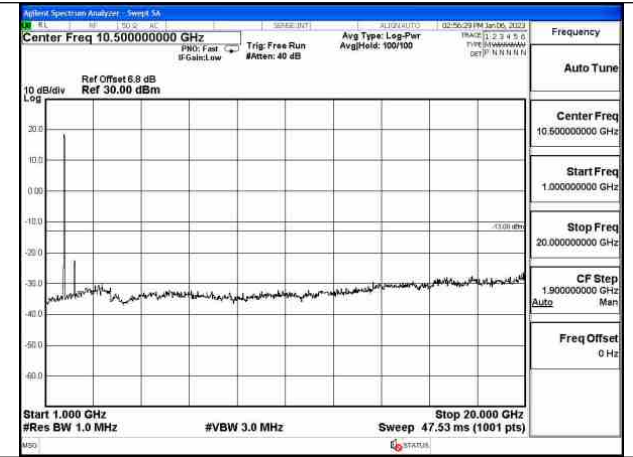


Fig.68



Fig.69

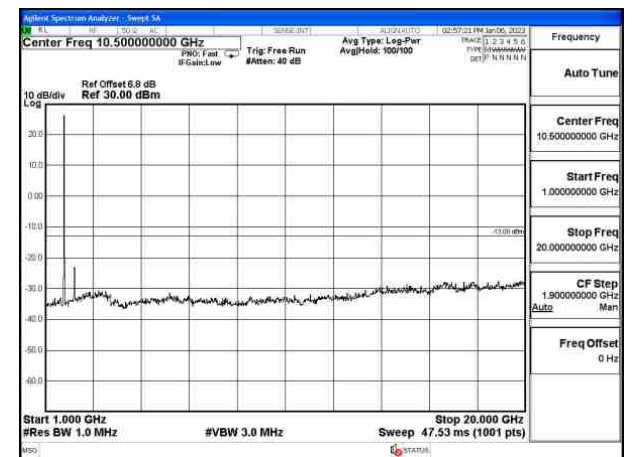


Fig.70

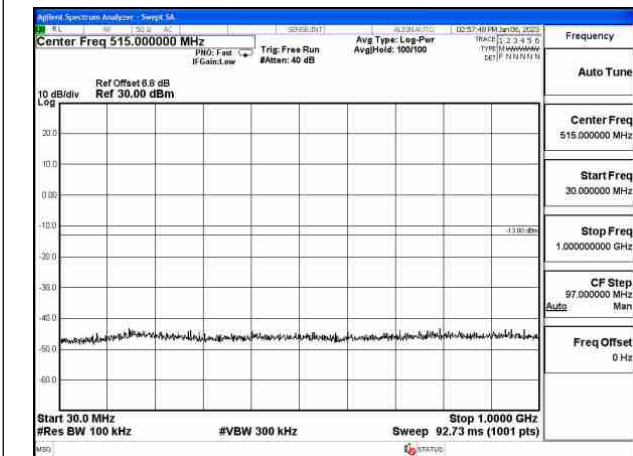


Fig.71

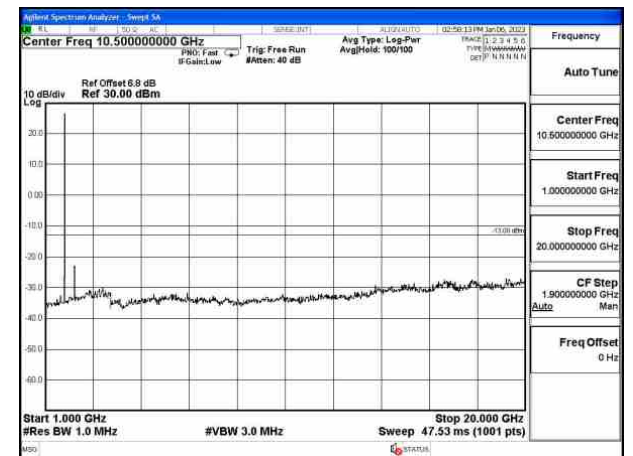


Fig.72

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:

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Fig.1



Fig.2

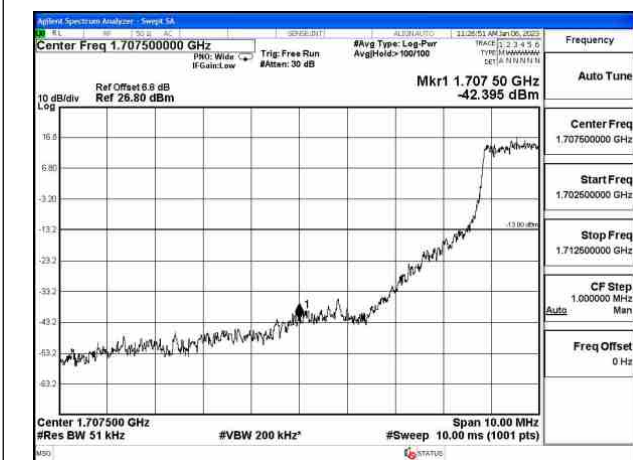


Fig.3



Fig.4

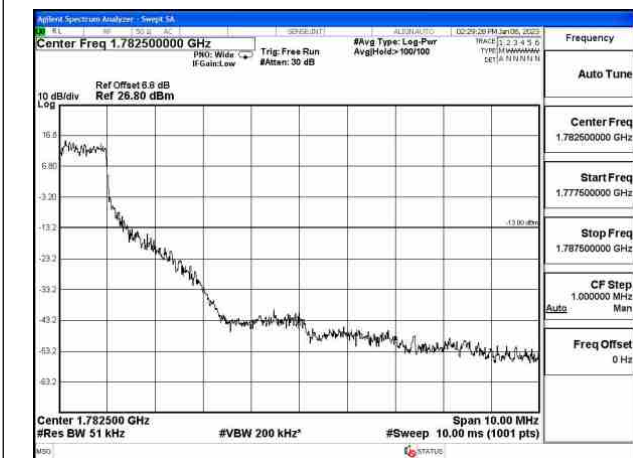


Fig.5

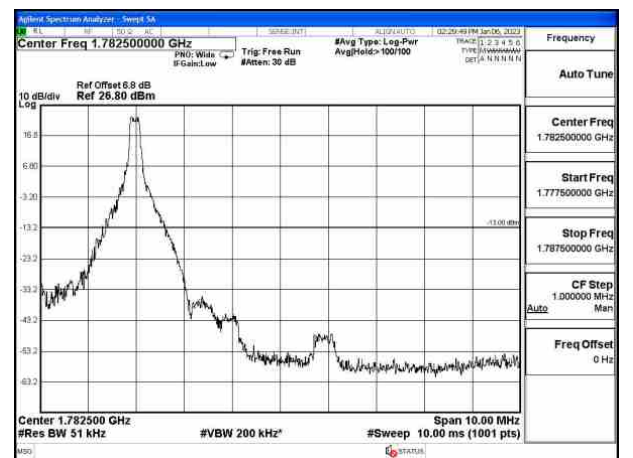


Fig.6

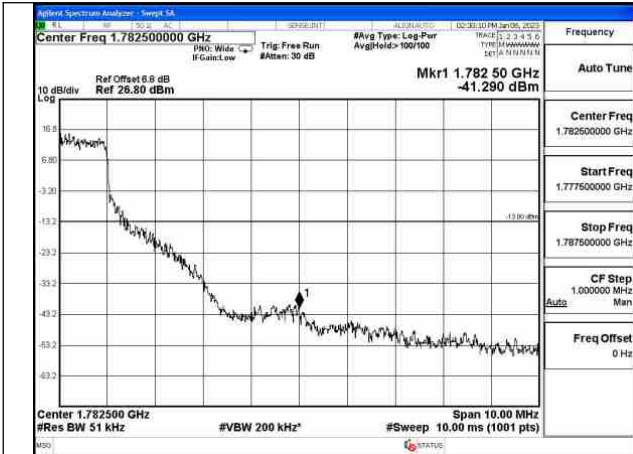


Fig.7

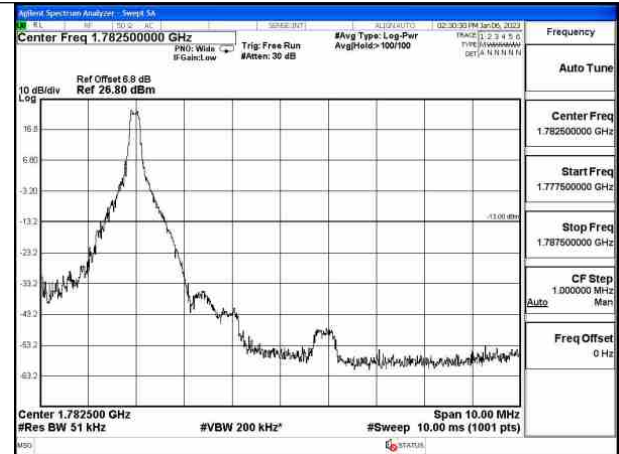


Fig.8

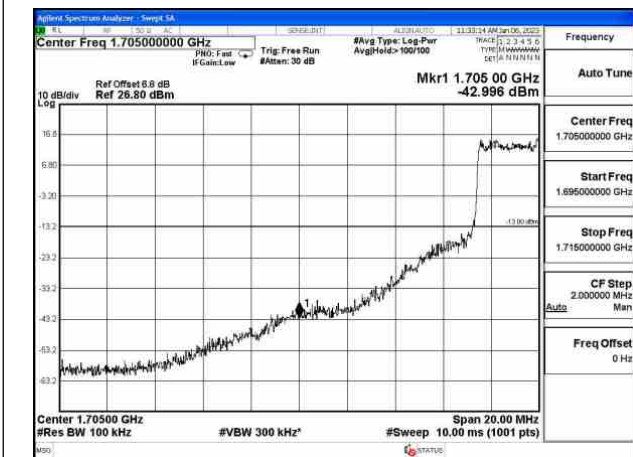


Fig.9

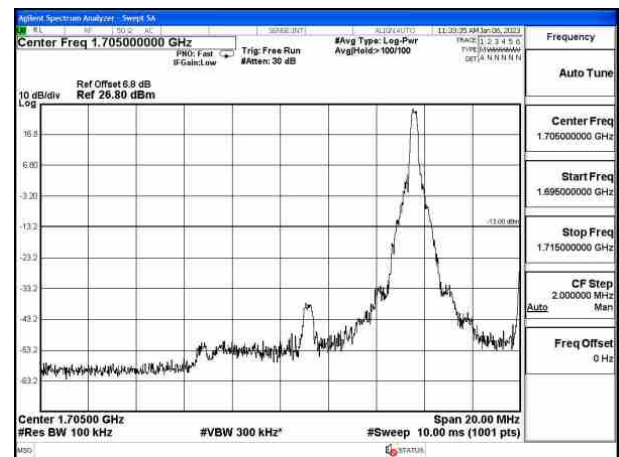


Fig.10

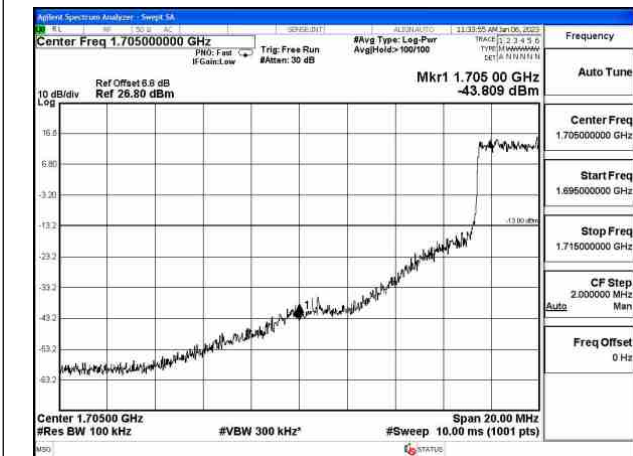


Fig.11

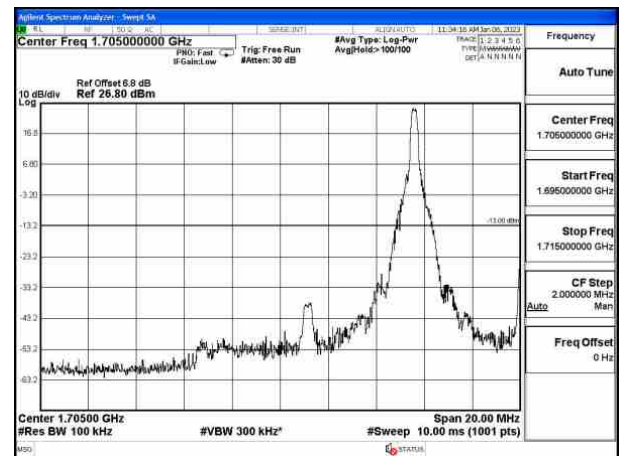


Fig.12

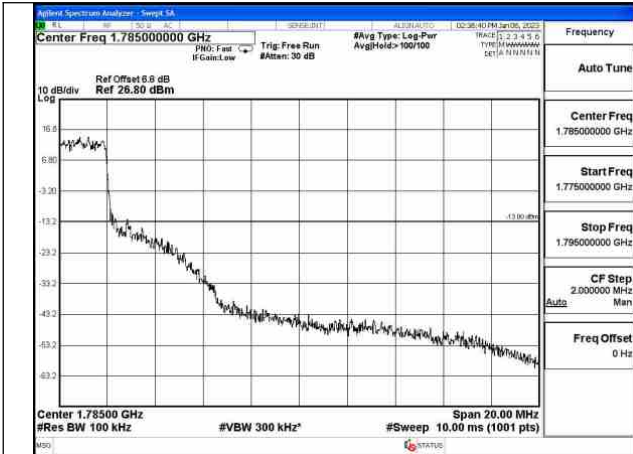


Fig.13

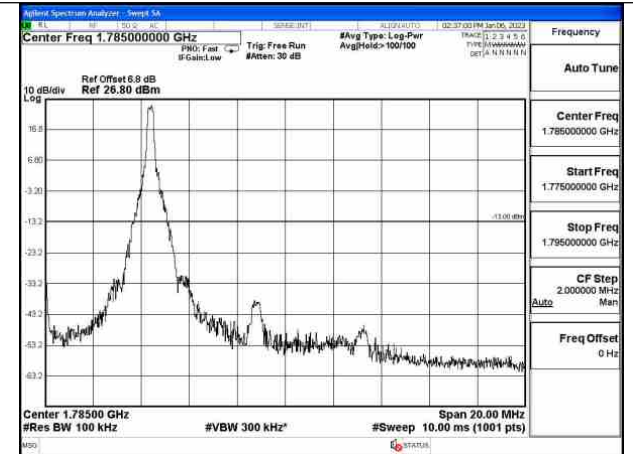


Fig.14

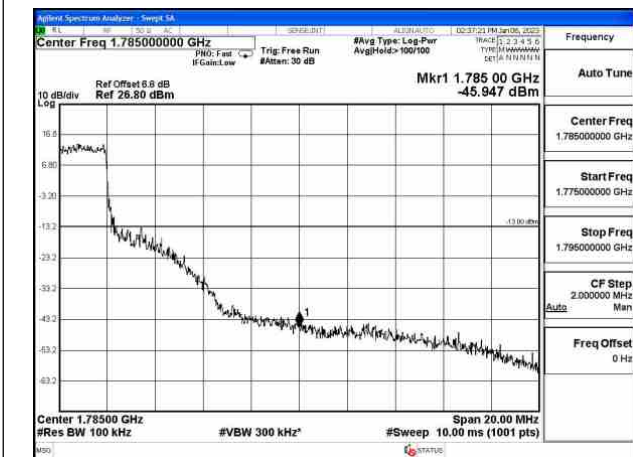


Fig.15

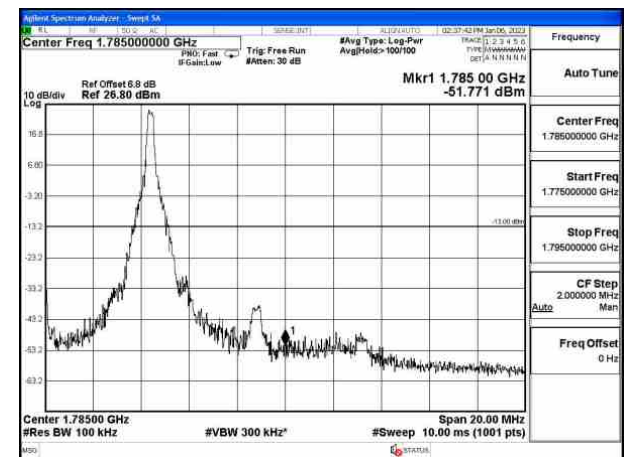


Fig.16

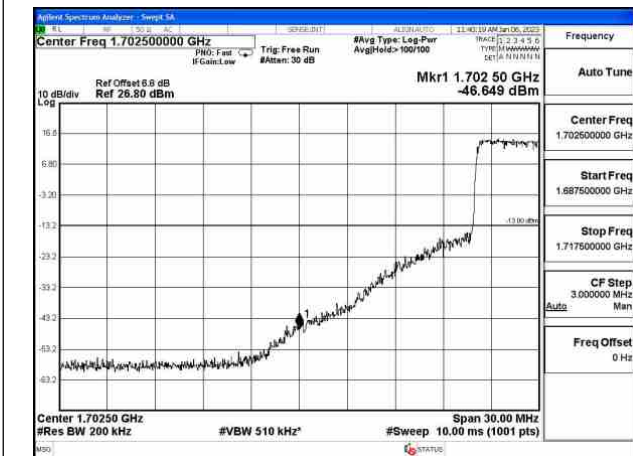


Fig.17



Fig.18



Fig.19

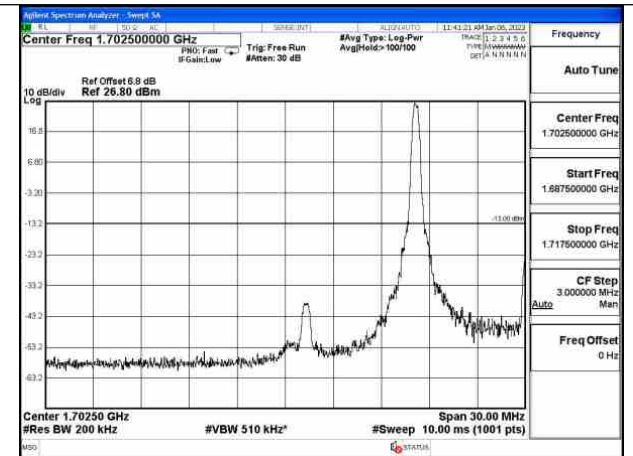


Fig.20

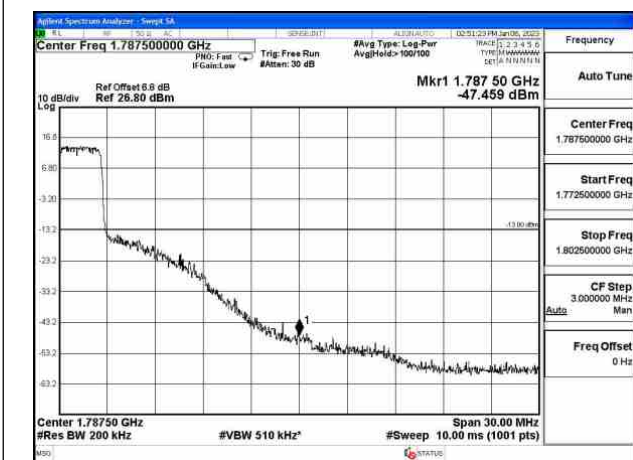


Fig.21

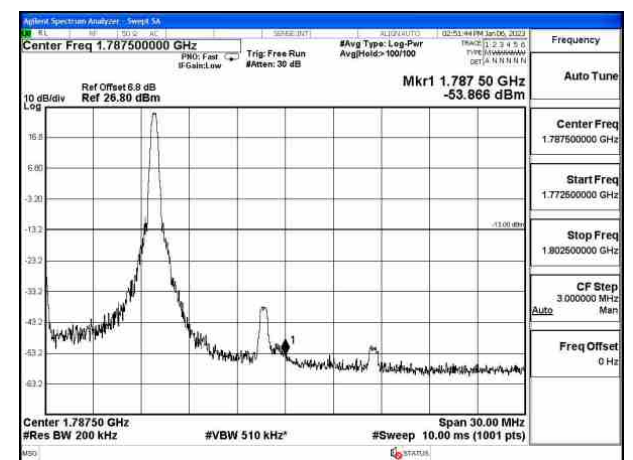


Fig.22

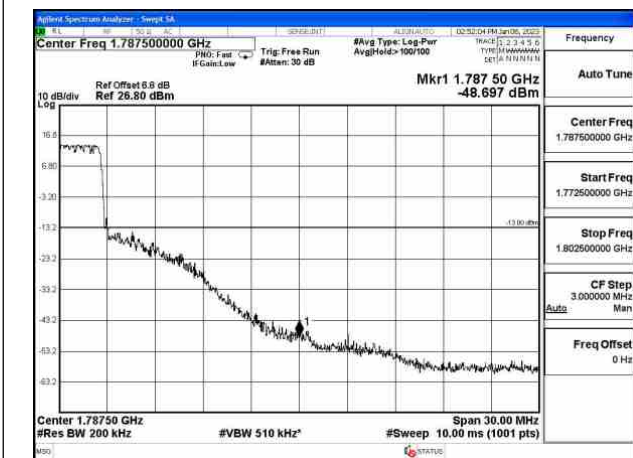


Fig.23



Fig.24

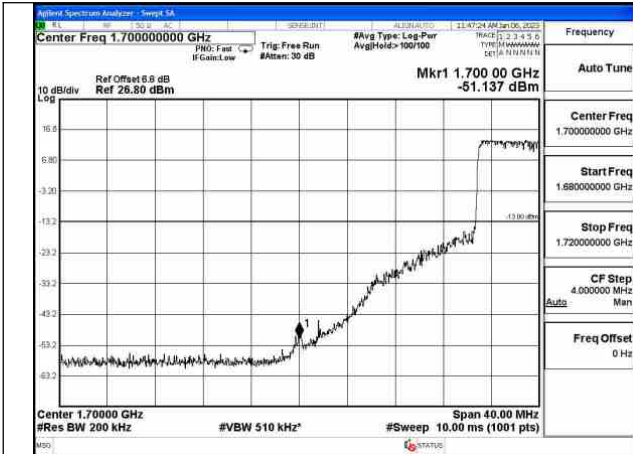


Fig.25

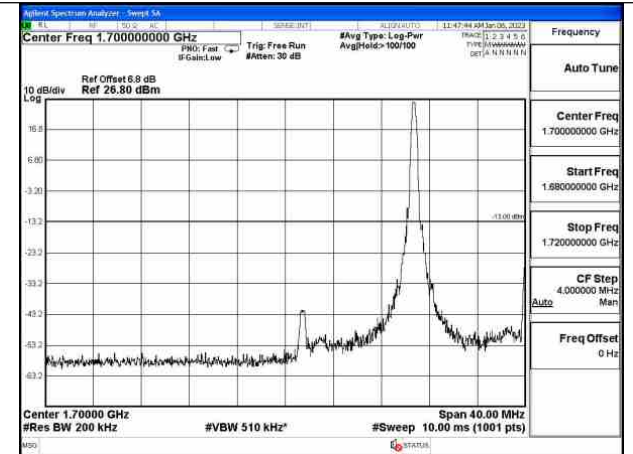


Fig.26



Fig.27

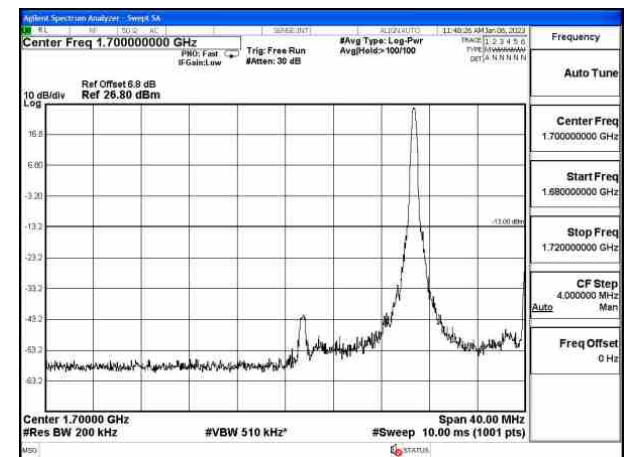


Fig.28

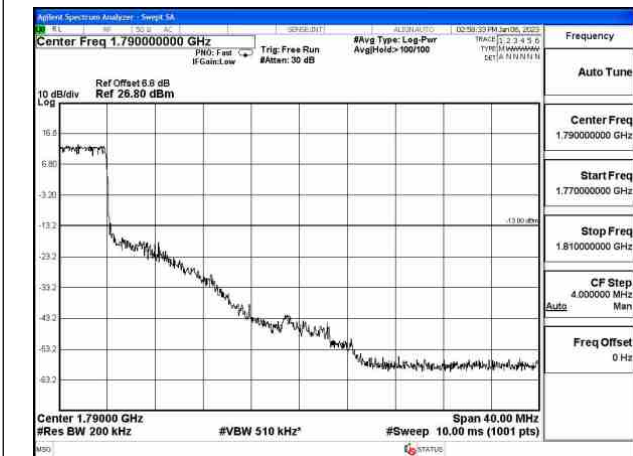


Fig.29

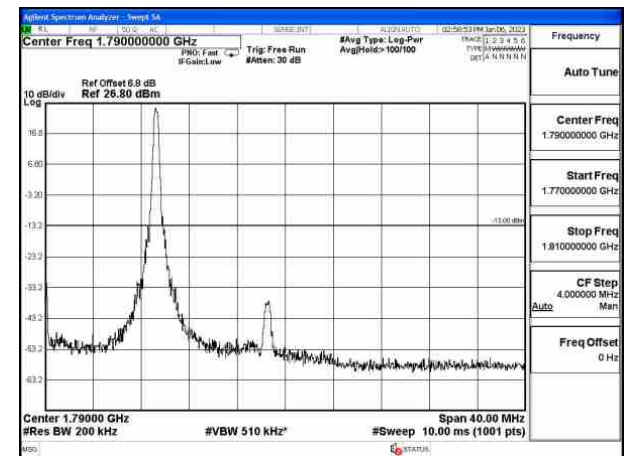


Fig.30

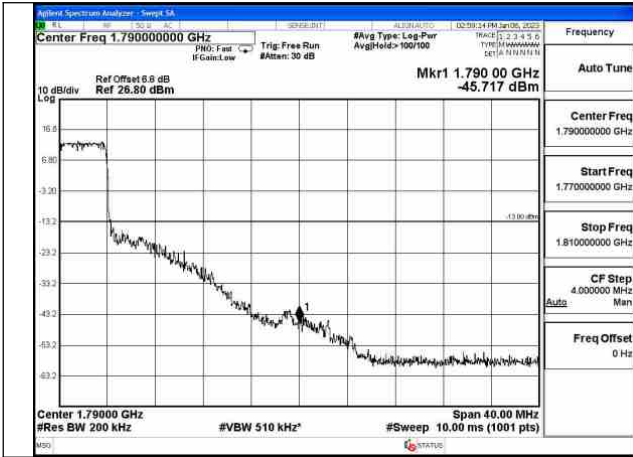


Fig.31



Fig.32

7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM QPSK	1745	349000	20	100	0	-10	NV	-0.0011
DFT-s-OFDM QPSK	1745	349000	20	100	0	0	NV	-0.0034
DFT-s-OFDM QPSK	1745	349000	20	100	0	10	NV	0.0034
DFT-s-OFDM QPSK	1745	349000	20	100	0	20	NV	-0.0011
DFT-s-OFDM QPSK	1745	349000	20	100	0	30	NV	-0.0017
DFT-s-OFDM QPSK	1745	349000	20	100	0	40	NV	-0.0006
DFT-s-OFDM QPSK	1745	349000	20	100	0	50	NV	-0.0029
DFT-s-OFDM QPSK	1745	349000	20	100	0	55	NV	0
DFT-s-OFDM QPSK	1745	349000	20	100	0	20	LV	-0.0006
DFT-s-OFDM QPSK	1745	349000	20	100	0	20	HV	-0.0017

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	12	6	23.58	21.98	0.158
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	1	1	23.02	21.42	0.139
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	1	23	22.70	21.10	0.129
DFT-s-OFDM QPSK	1712.5	342500	5	12	6	23.08	21.48	0.141
DFT-s-OFDM QPSK	1712.5	342500	5	1	1	22.53	20.93	0.124
DFT-s-OFDM QPSK	1712.5	342500	5	1	23	22.20	20.60	0.115
DFT-s-OFDM QPSK	1712.5	342500	5	12	6	23.62	22.02	0.159
DFT-s-OFDM QPSK	1712.5	342500	5	25	0	22.03	20.43	0.110
DFT-s-OFDM 16QAM	1712.5	342500	5	1	0	23.68	22.08	0.161
DFT-s-OFDM 16QAM	1712.5	342500	5	1	24	23.13	21.53	0.142
DFT-s-OFDM 16QAM	1712.5	342500	5	12	6	22.80	21.20	0.132
DFT-s-OFDM 16QAM	1712.5	342500	5	25	0	22.24	20.64	0.116
DFT-s-OFDM 64QAM	1712.5	342500	5	1	0	22.63	21.03	0.127
DFT-s-OFDM 64QAM	1712.5	342500	5	1	24	23.02	21.42	0.139
DFT-s-OFDM 64QAM	1712.5	342500	5	12	6	23.73	22.13	0.163
DFT-s-OFDM 64QAM	1712.5	342500	5	25	0	22.13	20.53	0.113
DFT-s-OFDM 256QAM	1712.5	342500	5	1	0	20.11	18.51	0.071
DFT-s-OFDM 256QAM	1712.5	342500	5	1	24	20.53	18.93	0.078
DFT-s-OFDM 256QAM	1712.5	342500	5	12	6	20.76	19.16	0.082
DFT-s-OFDM 256QAM	1712.5	342500	5	25	0	19.82	18.22	0.066
CP-OFDM QPSK	1712.5	342500	5	1	0	22.73	21.13	0.130
CP-OFDM QPSK	1712.5	342500	5	1	24	23.12	21.52	0.142
CP-OFDM QPSK	1712.5	342500	5	13	6	23.51	21.91	0.155
CP-OFDM QPSK	1712.5	342500	5	25	0	22.24	20.64	0.116
CP-OFDM 16QAM	1712.5	342500	5	1	0	22.62	21.02	0.126
CP-OFDM 16QAM	1712.5	342500	5	1	24	23.33	21.73	0.149
CP-OFDM 16QAM	1712.5	342500	5	13	6	23.72	22.12	0.163
CP-OFDM 16QAM	1712.5	342500	5	25	0	22.13	20.53	0.113
CP-OFDM 64QAM	1712.5	342500	5	1	0	23.55	21.95	0.157
CP-OFDM 64QAM	1712.5	342500	5	1	24	23.22	21.62	0.145
CP-OFDM 64QAM	1712.5	342500	5	13	6	22.66	21.06	0.128
CP-OFDM 64QAM	1712.5	342500	5	25	0	23.05	21.45	0.140
CP-OFDM 256QAM	1712.5	342500	5	1	0	20.23	18.63	0.073
CP-OFDM 256QAM	1712.5	342500	5	1	24	19.90	18.30	0.068
CP-OFDM 256QAM	1712.5	342500	5	13	6	20.13	18.53	0.071
CP-OFDM 256QAM	1712.5	342500	5	25	0	20.56	18.96	0.079
DFT-s-OFDM PI/2 BPSK	1745	349000	5	12	6	23.20	21.60	0.145
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	1	23.59	21.99	0.158
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	23	23.03	21.43	0.139
DFT-s-OFDM QPSK	1745	349000	5	12	6	22.71	21.11	0.129
DFT-s-OFDM QPSK	1745	349000	5	1	1	23.80	22.20	0.166
DFT-s-OFDM QPSK	1745	349000	5	1	23	22.53	20.93	0.124
DFT-s-OFDM QPSK	1745	349000	5	12	6	22.92	21.32	0.136

DFT-s-OFDM QPSK	1745	349000	5	25	0	23.31	21.71	0.148
DFT-s-OFDM 16QAM	1745	349000	5	1	0	23.69	22.09	0.162
DFT-s-OFDM 16QAM	1745	349000	5	1	24	22.42	20.82	0.121
DFT-s-OFDM 16QAM	1745	349000	5	12	6	22.81	21.21	0.132
DFT-s-OFDM 16QAM	1745	349000	5	25	0	22.25	20.65	0.116
DFT-s-OFDM 64QAM	1745	349000	5	1	0	22.64	21.04	0.127
DFT-s-OFDM 64QAM	1745	349000	5	1	24	23.02	21.42	0.139
DFT-s-OFDM 64QAM	1745	349000	5	12	6	23.41	21.81	0.152
DFT-s-OFDM 64QAM	1745	349000	5	25	0	22.85	21.25	0.133
DFT-s-OFDM 256QAM	1745	349000	5	1	0	20.54	18.94	0.078
DFT-s-OFDM 256QAM	1745	349000	5	1	24	20.35	18.75	0.075
DFT-s-OFDM 256QAM	1745	349000	5	12	6	20.01	18.41	0.069
DFT-s-OFDM 256QAM	1745	349000	5	25	0	20.24	18.64	0.073
CP-OFDM QPSK	1745	349000	5	1	0	23.13	21.53	0.142
CP-OFDM QPSK	1745	349000	5	1	24	23.84	22.24	0.167
CP-OFDM QPSK	1745	349000	5	13	6	22.24	20.64	0.116
CP-OFDM QPSK	1745	349000	5	25	0	22.63	21.03	0.127
CP-OFDM 16QAM	1745	349000	5	1	0	22.07	20.47	0.111
CP-OFDM 16QAM	1745	349000	5	1	24	22.46	20.86	0.122
CP-OFDM 16QAM	1745	349000	5	13	6	22.13	20.53	0.113
CP-OFDM 16QAM	1745	349000	5	25	0	23.56	21.96	0.157
CP-OFDM 64QAM	1745	349000	5	1	0	23.94	22.34	0.171
CP-OFDM 64QAM	1745	349000	5	1	24	22.35	20.75	0.119
CP-OFDM 64QAM	1745	349000	5	13	6	22.73	21.13	0.130
CP-OFDM 64QAM	1745	349000	5	25	0	22.18	20.58	0.114
CP-OFDM 256QAM	1745	349000	5	1	0	20.89	19.29	0.085
CP-OFDM 256QAM	1745	349000	5	1	24	20.56	18.96	0.079
CP-OFDM 256QAM	1745	349000	5	13	6	20.79	19.19	0.083
CP-OFDM 256QAM	1745	349000	5	25	0	19.84	18.24	0.067
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	12	6	23.03	21.43	0.139
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	1	22.15	20.55	0.114
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	23	22.86	21.26	0.134
DFT-s-OFDM QPSK	1777.5	355500	5	12	6	23.25	21.65	0.146
DFT-s-OFDM QPSK	1777.5	355500	5	1	1	23.63	22.03	0.160
DFT-s-OFDM QPSK	1777.5	355500	5	1	23	22.04	20.44	0.111
DFT-s-OFDM QPSK	1777.5	355500	5	12	6	23.46	21.86	0.153
DFT-s-OFDM QPSK	1777.5	355500	5	25	0	23.85	22.25	0.168
DFT-s-OFDM 16QAM	1777.5	355500	5	1	0	22.25	20.65	0.116
DFT-s-OFDM 16QAM	1777.5	355500	5	1	24	22.64	21.04	0.127
DFT-s-OFDM 16QAM	1777.5	355500	5	12	6	22.08	20.48	0.112
DFT-s-OFDM 16QAM	1777.5	355500	5	25	0	22.47	20.87	0.122
DFT-s-OFDM 64QAM	1777.5	355500	5	1	0	22.85	21.25	0.133
DFT-s-OFDM 64QAM	1777.5	355500	5	1	24	23.24	21.64	0.146
DFT-s-OFDM 64QAM	1777.5	355500	5	12	6	22.68	21.08	0.128
DFT-s-OFDM 64QAM	1777.5	355500	5	25	0	23.07	21.47	0.140
DFT-s-OFDM 256QAM	1777.5	355500	5	1	0	20.67	19.07	0.081

DFT-s-OFDM 256QAM	1777.5	355500	5	1	24	20.90	19.30	0.085
DFT-s-OFDM 256QAM	1777.5	355500	5	12	6	20.57	18.97	0.079
DFT-s-OFDM 256QAM	1777.5	355500	5	25	0	20.80	19.20	0.083
CP-OFDM QPSK	1777.5	355500	5	1	0	22.07	20.47	0.111
CP-OFDM QPSK	1777.5	355500	5	1	24	22.46	20.86	0.122
CP-OFDM QPSK	1777.5	355500	5	13	6	23.88	22.28	0.169
CP-OFDM QPSK	1777.5	355500	5	25	0	22.29	20.69	0.117
CP-OFDM 16QAM	1777.5	355500	5	1	0	22.67	21.07	0.128
CP-OFDM 16QAM	1777.5	355500	5	1	24	23.06	21.46	0.140
CP-OFDM 16QAM	1777.5	355500	5	13	6	22.50	20.90	0.123
CP-OFDM 16QAM	1777.5	355500	5	25	0	22.89	21.29	0.135
CP-OFDM 64QAM	1777.5	355500	5	1	0	23.27	21.67	0.147
CP-OFDM 64QAM	1777.5	355500	5	1	24	23.66	22.06	0.161
CP-OFDM 64QAM	1777.5	355500	5	13	6	23.10	21.50	0.141
CP-OFDM 64QAM	1777.5	355500	5	25	0	23.16	21.56	0.143
CP-OFDM 256QAM	1777.5	355500	5	1	0	20.92	19.32	0.086
CP-OFDM 256QAM	1777.5	355500	5	1	24	19.97	18.37	0.069
CP-OFDM 256QAM	1777.5	355500	5	13	6	20.62	19.02	0.080
CP-OFDM 256QAM	1777.5	355500	5	25	0	20.85	19.25	0.084

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	25	12	22.77	21.17	0.131
DFT-s-OFDM PI/2 BPSK	1715	343000	10	1	1	23.15	21.55	0.143
DFT-s-OFDM PI/2 BPSK	1715	343000	10	1	50	23.86	22.26	0.168
DFT-s-OFDM QPSK	1715	343000	10	25	12	22.27	20.67	0.117
DFT-s-OFDM QPSK	1715	343000	10	1	1	22.66	21.06	0.128
DFT-s-OFDM QPSK	1715	343000	10	1	50	23.37	21.77	0.150
DFT-s-OFDM QPSK	1715	343000	10	25	12	23.75	22.15	0.164
DFT-s-OFDM QPSK	1715	343000	10	50	0	22.16	20.56	0.114
DFT-s-OFDM 16QAM	1715	343000	10	1	0	22.55	20.95	0.124
DFT-s-OFDM 16QAM	1715	343000	10	1	51	23.26	21.66	0.147
DFT-s-OFDM 16QAM	1715	343000	10	25	12	23.64	22.04	0.160
DFT-s-OFDM 16QAM	1715	343000	10	50	0	23.08	21.48	0.141
DFT-s-OFDM 64QAM	1715	343000	10	1	0	22.76	21.16	0.131
DFT-s-OFDM 64QAM	1715	343000	10	1	51	23.15	21.55	0.143
DFT-s-OFDM 64QAM	1715	343000	10	25	12	22.59	20.99	0.126
DFT-s-OFDM 64QAM	1715	343000	10	50	0	22.26	20.66	0.116
DFT-s-OFDM 256QAM	1715	343000	10	1	0	20.81	19.21	0.083
DFT-s-OFDM 256QAM	1715	343000	10	1	51	19.86	18.26	0.067
DFT-s-OFDM 256QAM	1715	343000	10	25	12	20.84	19.24	0.084
DFT-s-OFDM 256QAM	1715	343000	10	50	0	20.51	18.91	0.078
CP-OFDM QPSK	1715	343000	10	1	0	23.57	21.97	0.157
CP-OFDM QPSK	1715	343000	10	1	51	22.31	20.71	0.118
CP-OFDM QPSK	1715	343000	10	26	13	22.69	21.09	0.129
CP-OFDM QPSK	1715	343000	10	52	0	23.08	21.48	0.141

CP-OFDM 16QAM	1715	343000	10	1	0	23.79	22.19	0.166
CP-OFDM 16QAM	1715	343000	10	1	51	22.20	20.60	0.115
CP-OFDM 16QAM	1715	343000	10	26	13	22.58	20.98	0.125
CP-OFDM 16QAM	1715	343000	10	52	0	23.29	21.69	0.148
CP-OFDM 64QAM	1715	343000	10	1	0	23.68	22.08	0.161
CP-OFDM 64QAM	1715	343000	10	1	51	22.08	20.48	0.112
CP-OFDM 64QAM	1715	343000	10	26	13	22.80	21.20	0.132
CP-OFDM 64QAM	1715	343000	10	52	0	23.89	22.29	0.169
CP-OFDM 256QAM	1715	343000	10	1	0	20.74	19.14	0.082
CP-OFDM 256QAM	1715	343000	10	1	51	20.40	18.80	0.076
CP-OFDM 256QAM	1715	343000	10	26	13	20.63	19.03	0.080
CP-OFDM 256QAM	1715	343000	10	52	0	19.88	18.28	0.067
DFT-s-OFDM PI/2 BPSK	1745	349000	10	25	12	23.55	21.95	0.157
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	1	23.94	22.34	0.171
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	50	23.38	21.78	0.151
DFT-s-OFDM QPSK	1745	349000	10	25	12	23.76	22.16	0.164
DFT-s-OFDM QPSK	1745	349000	10	1	1	22.49	20.89	0.123
DFT-s-OFDM QPSK	1745	349000	10	1	50	22.88	21.28	0.134
DFT-s-OFDM QPSK	1745	349000	10	25	12	23.27	21.67	0.147
DFT-s-OFDM QPSK	1745	349000	10	50	0	23.65	22.05	0.160
DFT-s-OFDM 16QAM	1745	349000	10	1	0	23.09	21.49	0.141
DFT-s-OFDM 16QAM	1745	349000	10	1	51	23.48	21.88	0.154
DFT-s-OFDM 16QAM	1745	349000	10	25	12	23.16	21.56	0.143
DFT-s-OFDM 16QAM	1745	349000	10	50	0	22.60	21.00	0.126
DFT-s-OFDM 64QAM	1745	349000	10	1	0	22.98	21.38	0.137
DFT-s-OFDM 64QAM	1745	349000	10	1	51	23.37	21.77	0.150
DFT-s-OFDM 64QAM	1745	349000	10	25	12	23.76	22.16	0.164
DFT-s-OFDM 64QAM	1745	349000	10	50	0	23.20	21.60	0.145
DFT-s-OFDM 256QAM	1745	349000	10	1	0	20.32	18.72	0.074
DFT-s-OFDM 256QAM	1745	349000	10	1	51	19.99	18.39	0.069
DFT-s-OFDM 256QAM	1745	349000	10	25	12	20.22	18.62	0.073
DFT-s-OFDM 256QAM	1745	349000	10	50	0	20.45	18.85	0.077
CP-OFDM QPSK	1745	349000	10	1	0	23.47	21.87	0.154
CP-OFDM QPSK	1745	349000	10	1	51	22.91	21.31	0.135
CP-OFDM QPSK	1745	349000	10	26	13	23.30	21.70	0.148
CP-OFDM QPSK	1745	349000	10	52	0	23.69	22.09	0.162
CP-OFDM 16QAM	1745	349000	10	1	0	22.09	20.49	0.112
CP-OFDM 16QAM	1745	349000	10	1	51	23.51	21.91	0.155
CP-OFDM 16QAM	1745	349000	10	26	13	23.90	22.30	0.170
CP-OFDM 16QAM	1745	349000	10	52	0	22.31	20.71	0.118
CP-OFDM 64QAM	1745	349000	10	1	0	23.02	21.42	0.139
CP-OFDM 64QAM	1745	349000	10	1	51	23.40	21.80	0.151
CP-OFDM 64QAM	1745	349000	10	26	13	23.79	22.19	0.166
CP-OFDM 64QAM	1745	349000	10	52	0	22.20	20.60	0.115
CP-OFDM 256QAM	1745	349000	10	1	0	20.77	19.17	0.083
CP-OFDM 256QAM	1745	349000	10	1	51	19.82	18.22	0.066

CP-OFDM 256QAM	1745	349000	10	26	13	20.05	18.45	0.070
CP-OFDM 256QAM	1745	349000	10	52	0	20.28	18.68	0.074
DFT-s-OFDM PI/2 BPSK	1775	355000	10	25	12	23.98	22.38	0.173
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	1	22.39	20.79	0.120
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	50	23.48	21.88	0.154
DFT-s-OFDM QPSK	1775	355000	10	25	12	22.92	21.32	0.136
DFT-s-OFDM QPSK	1775	355000	10	1	1	23.31	21.71	0.148
DFT-s-OFDM QPSK	1775	355000	10	1	50	23.70	22.10	0.162
DFT-s-OFDM QPSK	1775	355000	10	25	12	22.10	20.50	0.112
DFT-s-OFDM QPSK	1775	355000	10	50	0	23.52	21.92	0.156
DFT-s-OFDM 16QAM	1775	355000	10	1	0	23.91	22.31	0.170
DFT-s-OFDM 16QAM	1775	355000	10	1	51	22.32	20.72	0.118
DFT-s-OFDM 16QAM	1775	355000	10	25	12	22.70	21.10	0.129
DFT-s-OFDM 16QAM	1775	355000	10	50	0	22.14	20.54	0.113
DFT-s-OFDM 64QAM	1775	355000	10	1	0	22.53	20.93	0.124
DFT-s-OFDM 64QAM	1775	355000	10	1	51	22.92	21.32	0.136
DFT-s-OFDM 64QAM	1775	355000	10	25	12	23.30	21.70	0.148
DFT-s-OFDM 64QAM	1775	355000	10	50	0	22.74	21.14	0.130
DFT-s-OFDM 256QAM	1775	355000	10	1	0	20.48	18.88	0.077
DFT-s-OFDM 256QAM	1775	355000	10	1	51	20.71	19.11	0.081
DFT-s-OFDM 256QAM	1775	355000	10	25	12	20.94	19.34	0.086
DFT-s-OFDM 256QAM	1775	355000	10	50	0	20.60	19.00	0.079
CP-OFDM QPSK	1775	355000	10	1	0	23.73	22.13	0.163
CP-OFDM QPSK	1775	355000	10	1	51	22.14	20.54	0.113
CP-OFDM QPSK	1775	355000	10	26	13	22.52	20.92	0.124
CP-OFDM QPSK	1775	355000	10	52	0	23.94	22.34	0.171
CP-OFDM 16QAM	1775	355000	10	1	0	22.35	20.75	0.119
CP-OFDM 16QAM	1775	355000	10	1	51	22.74	21.14	0.130
CP-OFDM 16QAM	1775	355000	10	26	13	23.12	21.52	0.142
CP-OFDM 16QAM	1775	355000	10	52	0	22.56	20.96	0.125
CP-OFDM 64QAM	1775	355000	10	1	0	22.95	21.35	0.136
CP-OFDM 64QAM	1775	355000	10	1	51	23.34	21.74	0.149
CP-OFDM 64QAM	1775	355000	10	26	13	23.72	22.12	0.163
CP-OFDM 64QAM	1775	355000	10	52	0	23.16	21.56	0.143
CP-OFDM 256QAM	1775	355000	10	1	0	20.73	19.13	0.082
CP-OFDM 256QAM	1775	355000	10	1	51	20.96	19.36	0.086
CP-OFDM 256QAM	1775	355000	10	26	13	20.01	18.41	0.069
CP-OFDM 256QAM	1775	355000	10	52	0	20.85	19.25	0.084

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	36	18	22.02	20.42	0.110
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	1	1	22.73	21.13	0.130
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	1	77	23.11	21.51	0.142
DFT-s-OFDM QPSK	1717.5	343500	15	36	18	23.50	21.90	0.155
DFT-s-OFDM QPSK	1717.5	343500	15	1	1	23.89	22.29	0.169

DFT-s-OFDM QPSK	1717.5	343500	15	1	77	22.62	21.02	0.126
DFT-s-OFDM QPSK	1717.5	343500	15	36	18	23.00	21.40	0.138
DFT-s-OFDM QPSK	1717.5	343500	15	75	0	23.39	21.79	0.151
DFT-s-OFDM 16QAM	1717.5	343500	15	1	0	22.83	21.23	0.133
DFT-s-OFDM 16QAM	1717.5	343500	15	1	78	22.51	20.91	0.123
DFT-s-OFDM 16QAM	1717.5	343500	15	36	18	23.93	22.33	0.171
DFT-s-OFDM 16QAM	1717.5	343500	15	75	0	22.33	20.73	0.118
DFT-s-OFDM 64QAM	1717.5	343500	15	1	0	22.72	21.12	0.129
DFT-s-OFDM 64QAM	1717.5	343500	15	1	78	23.43	21.83	0.152
DFT-s-OFDM 64QAM	1717.5	343500	15	36	18	23.82	22.22	0.167
DFT-s-OFDM 64QAM	1717.5	343500	15	75	0	22.22	20.62	0.115
DFT-s-OFDM 256QAM	1717.5	343500	15	1	0	20.17	18.57	0.072
DFT-s-OFDM 256QAM	1717.5	343500	15	1	78	20.59	18.99	0.079
DFT-s-OFDM 256QAM	1717.5	343500	15	36	18	20.82	19.22	0.084
DFT-s-OFDM 256QAM	1717.5	343500	15	75	0	20.06	18.46	0.070
CP-OFDM QPSK	1717.5	343500	15	1	0	22.82	21.22	0.132
CP-OFDM QPSK	1717.5	343500	15	1	78	23.21	21.61	0.145
CP-OFDM QPSK	1717.5	343500	15	39	19	22.65	21.05	0.127
CP-OFDM QPSK	1717.5	343500	15	79	0	23.04	21.44	0.139
CP-OFDM 16QAM	1717.5	343500	15	1	0	23.75	22.15	0.164
CP-OFDM 16QAM	1717.5	343500	15	1	78	22.15	20.55	0.114
CP-OFDM 16QAM	1717.5	343500	15	39	19	22.54	20.94	0.124
CP-OFDM 16QAM	1717.5	343500	15	79	0	22.93	21.33	0.136
CP-OFDM 64QAM	1717.5	343500	15	1	0	22.37	20.77	0.119
CP-OFDM 64QAM	1717.5	343500	15	1	78	22.04	20.44	0.111
CP-OFDM 64QAM	1717.5	343500	15	39	19	22.43	20.83	0.121
CP-OFDM 64QAM	1717.5	343500	15	79	0	23.85	22.25	0.168
CP-OFDM 256QAM	1717.5	343500	15	1	0	19.96	18.36	0.069
CP-OFDM 256QAM	1717.5	343500	15	1	78	20.38	18.78	0.076
CP-OFDM 256QAM	1717.5	343500	15	39	19	20.61	19.01	0.080
CP-OFDM 256QAM	1717.5	343500	15	79	0	20.84	19.24	0.084
DFT-s-OFDM PI/2 BPSK	1745	349000	15	36	18	23.01	21.41	0.138
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	1	23.40	21.80	0.151
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	77	22.84	21.24	0.133
DFT-s-OFDM QPSK	1745	349000	15	36	18	23.23	21.63	0.146
DFT-s-OFDM QPSK	1745	349000	15	1	1	23.61	22.01	0.159
DFT-s-OFDM QPSK	1745	349000	15	1	77	22.02	20.42	0.110
DFT-s-OFDM QPSK	1745	349000	15	36	18	23.44	21.84	0.153
DFT-s-OFDM QPSK	1745	349000	15	75	0	23.83	22.23	0.167
DFT-s-OFDM 16QAM	1745	349000	15	1	0	22.23	20.63	0.116
DFT-s-OFDM 16QAM	1745	349000	15	1	78	22.94	21.34	0.136
DFT-s-OFDM 16QAM	1745	349000	15	36	18	23.33	21.73	0.149
DFT-s-OFDM 16QAM	1745	349000	15	75	0	23.72	22.12	0.163
DFT-s-OFDM 64QAM	1745	349000	15	1	0	23.16	21.56	0.143
DFT-s-OFDM 64QAM	1745	349000	15	1	78	23.54	21.94	0.156
DFT-s-OFDM 64QAM	1745	349000	15	36	18	23.93	22.33	0.171

DFT-s-OFDM 64QAM	1745	349000	15	75	0	22.34	20.74	0.119
DFT-s-OFDM 256QAM	1745	349000	15	1	0	20.85	19.25	0.084
DFT-s-OFDM 256QAM	1745	349000	15	1	78	20.66	19.06	0.081
DFT-s-OFDM 256QAM	1745	349000	15	36	18	20.89	19.29	0.085
DFT-s-OFDM 256QAM	1745	349000	15	75	0	20.55	18.95	0.079
CP-OFDM QPSK	1745	349000	15	1	0	23.65	22.05	0.160
CP-OFDM QPSK	1745	349000	15	1	78	22.05	20.45	0.111
CP-OFDM QPSK	1745	349000	15	39	19	22.44	20.84	0.121
CP-OFDM QPSK	1745	349000	15	79	0	23.86	22.26	0.168
CP-OFDM 16QAM	1745	349000	15	1	0	22.27	20.67	0.117
CP-OFDM 16QAM	1745	349000	15	1	78	22.65	21.05	0.127
CP-OFDM 16QAM	1745	349000	15	39	19	23.04	21.44	0.139
CP-OFDM 16QAM	1745	349000	15	79	0	23.75	22.15	0.164
CP-OFDM 64QAM	1745	349000	15	1	0	22.16	20.56	0.114
CP-OFDM 64QAM	1745	349000	15	1	78	23.58	21.98	0.158
CP-OFDM 64QAM	1745	349000	15	39	19	23.96	22.36	0.172
CP-OFDM 64QAM	1745	349000	15	79	0	22.37	20.77	0.119
CP-OFDM 256QAM	1745	349000	15	1	0	20.25	18.65	0.073
CP-OFDM 256QAM	1745	349000	15	1	78	19.92	18.32	0.068
CP-OFDM 256QAM	1745	349000	15	39	19	20.15	18.55	0.072
CP-OFDM 256QAM	1745	349000	15	79	0	20.38	18.78	0.076
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	36	18	23.65	22.05	0.160
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	1	22.77	21.17	0.131
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	77	23.16	21.56	0.143
DFT-s-OFDM QPSK	1772.5	354500	15	36	18	23.54	21.94	0.156
DFT-s-OFDM QPSK	1772.5	354500	15	1	1	22.99	21.39	0.138
DFT-s-OFDM QPSK	1772.5	354500	15	1	77	23.37	21.77	0.150
DFT-s-OFDM QPSK	1772.5	354500	15	36	18	23.76	22.16	0.164
DFT-s-OFDM QPSK	1772.5	354500	15	75	0	22.17	20.57	0.114
DFT-s-OFDM 16QAM	1772.5	354500	15	1	0	23.59	21.99	0.158
DFT-s-OFDM 16QAM	1772.5	354500	15	1	78	23.97	22.37	0.173
DFT-s-OFDM 16QAM	1772.5	354500	15	36	18	22.38	20.78	0.120
DFT-s-OFDM 16QAM	1772.5	354500	15	75	0	22.77	21.17	0.131
DFT-s-OFDM 64QAM	1772.5	354500	15	1	0	23.86	22.26	0.168
DFT-s-OFDM 64QAM	1772.5	354500	15	1	78	22.27	20.67	0.117
DFT-s-OFDM 64QAM	1772.5	354500	15	36	18	23.69	22.09	0.162
DFT-s-OFDM 64QAM	1772.5	354500	15	75	0	22.10	20.50	0.112
DFT-s-OFDM 256QAM	1772.5	354500	15	1	0	20.09	18.49	0.071
DFT-s-OFDM 256QAM	1772.5	354500	15	1	78	20.32	18.72	0.074
DFT-s-OFDM 256QAM	1772.5	354500	15	36	18	19.99	18.39	0.069
DFT-s-OFDM 256QAM	1772.5	354500	15	75	0	20.22	18.62	0.073
CP-OFDM QPSK	1772.5	354500	15	1	0	23.08	21.48	0.141
CP-OFDM QPSK	1772.5	354500	15	1	78	22.20	20.60	0.115
CP-OFDM QPSK	1772.5	354500	15	39	19	22.59	20.99	0.126
CP-OFDM QPSK	1772.5	354500	15	79	0	22.03	20.43	0.110
CP-OFDM 16QAM	1772.5	354500	15	1	0	22.41	20.81	0.121

CP-OFDM 16QAM	1772.5	354500	15	1	78	22.80	21.20	0.132
CP-OFDM 16QAM	1772.5	354500	15	39	19	23.19	21.59	0.144
CP-OFDM 16QAM	1772.5	354500	15	79	0	22.63	21.03	0.127
CP-OFDM 64QAM	1772.5	354500	15	1	0	22.69	21.09	0.129
CP-OFDM 64QAM	1772.5	354500	15	1	78	22.13	20.53	0.113
CP-OFDM 64QAM	1772.5	354500	15	39	19	22.52	20.92	0.124
CP-OFDM 64QAM	1772.5	354500	15	79	0	22.90	21.30	0.135
CP-OFDM 256QAM	1772.5	354500	15	1	0	20.57	18.97	0.079
CP-OFDM 256QAM	1772.5	354500	15	1	78	20.24	18.64	0.073
CP-OFDM 256QAM	1772.5	354500	15	39	19	20.47	18.87	0.077
CP-OFDM 256QAM	1772.5	354500	15	79	0	20.70	19.10	0.081

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	50	25	23.95	22.35	0.172
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	1	23.63	22.03	0.160
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	104	23.07	21.47	0.140
DFT-s-OFDM QPSK	1720	344000	20	50	25	23.46	21.86	0.153
DFT-s-OFDM QPSK	1720	344000	20	1	1	23.84	22.24	0.167
DFT-s-OFDM QPSK	1720	344000	20	1	104	22.25	20.65	0.116
DFT-s-OFDM QPSK	1720	344000	20	50	25	22.96	21.36	0.137
DFT-s-OFDM QPSK	1720	344000	20	100	0	23.35	21.75	0.150
DFT-s-OFDM 16QAM	1720	344000	20	1	0	22.79	21.19	0.132
DFT-s-OFDM 16QAM	1720	344000	20	1	105	23.18	21.58	0.144
DFT-s-OFDM 16QAM	1720	344000	20	50	25	22.85	21.25	0.133
DFT-s-OFDM 16QAM	1720	344000	20	100	0	22.29	20.69	0.117
DFT-s-OFDM 64QAM	1720	344000	20	1	0	22.68	21.08	0.128
DFT-s-OFDM 64QAM	1720	344000	20	1	105	23.07	21.47	0.140
DFT-s-OFDM 64QAM	1720	344000	20	50	25	23.78	22.18	0.165
DFT-s-OFDM 64QAM	1720	344000	20	100	0	22.18	20.58	0.114
DFT-s-OFDM 256QAM	1720	344000	20	1	0	20.14	18.54	0.071
DFT-s-OFDM 256QAM	1720	344000	20	1	105	19.81	18.21	0.066
DFT-s-OFDM 256QAM	1720	344000	20	50	25	20.79	19.19	0.083
DFT-s-OFDM 256QAM	1720	344000	20	100	0	19.84	18.24	0.067
CP-OFDM QPSK	1720	344000	20	1	0	23.49	21.89	0.155
CP-OFDM QPSK	1720	344000	20	1	105	23.88	22.28	0.169
CP-OFDM QPSK	1720	344000	20	53	26	22.61	21.01	0.126
CP-OFDM QPSK	1720	344000	20	106	0	23.00	21.40	0.138
CP-OFDM 16QAM	1720	344000	20	1	0	23.38	21.78	0.151
CP-OFDM 16QAM	1720	344000	20	1	105	23.77	22.17	0.165
CP-OFDM 16QAM	1720	344000	20	53	26	23.21	21.61	0.145
CP-OFDM 16QAM	1720	344000	20	106	0	22.89	21.29	0.135
CP-OFDM 64QAM	1720	344000	20	1	0	23.27	21.67	0.147
CP-OFDM 64QAM	1720	344000	20	1	105	22.71	21.11	0.129
CP-OFDM 64QAM	1720	344000	20	53	26	23.10	21.50	0.141
CP-OFDM 64QAM	1720	344000	20	106	0	23.81	22.21	0.166

CP-OFDM 256QAM	1720	344000	20	1	0	19.93	18.33	0.068
CP-OFDM 256QAM	1720	344000	20	1	105	20.16	18.56	0.072
CP-OFDM 256QAM	1720	344000	20	53	26	20.39	18.79	0.076
CP-OFDM 256QAM	1720	344000	20	106	0	20.06	18.46	0.070
DFT-s-OFDM PI/2 BPSK	1745	349000	20	50	25	22.86	21.26	0.134
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	1	23.57	21.97	0.157
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	104	23.96	22.36	0.172
DFT-s-OFDM QPSK	1745	349000	20	50	25	23.40	21.80	0.151
DFT-s-OFDM QPSK	1745	349000	20	1	1	23.46	21.86	0.153
DFT-s-OFDM QPSK	1745	349000	20	1	104	22.19	20.59	0.115
DFT-s-OFDM QPSK	1745	349000	20	50	25	22.58	20.98	0.125
DFT-s-OFDM QPSK	1745	349000	20	100	0	22.02	20.42	0.110
DFT-s-OFDM 16QAM	1745	349000	20	1	0	22.40	20.80	0.120
DFT-s-OFDM 16QAM	1745	349000	20	1	105	22.79	21.19	0.132
DFT-s-OFDM 16QAM	1745	349000	20	50	25	23.18	21.58	0.144
DFT-s-OFDM 16QAM	1745	349000	20	100	0	22.62	21.02	0.126
DFT-s-OFDM 64QAM	1745	349000	20	1	0	23.00	21.40	0.138
DFT-s-OFDM 64QAM	1745	349000	20	1	105	23.39	21.79	0.151
DFT-s-OFDM 64QAM	1745	349000	20	50	25	23.78	22.18	0.165
DFT-s-OFDM 64QAM	1745	349000	20	100	0	23.22	21.62	0.145
DFT-s-OFDM 256QAM	1745	349000	20	1	0	20.57	18.97	0.079
DFT-s-OFDM 256QAM	1745	349000	20	1	105	19.81	18.21	0.066
DFT-s-OFDM 256QAM	1745	349000	20	50	25	20.04	18.44	0.070
DFT-s-OFDM 256QAM	1745	349000	20	100	0	20.69	19.09	0.081
CP-OFDM QPSK	1745	349000	20	1	0	22.23	20.63	0.116
CP-OFDM QPSK	1745	349000	20	1	105	22.61	21.01	0.126
CP-OFDM QPSK	1745	349000	20	53	26	23.00	21.40	0.138
CP-OFDM QPSK	1745	349000	20	106	0	22.44	20.84	0.121
CP-OFDM 16QAM	1745	349000	20	1	0	22.83	21.23	0.133
CP-OFDM 16QAM	1745	349000	20	1	105	23.21	21.61	0.145
CP-OFDM 16QAM	1745	349000	20	53	26	23.60	22.00	0.158
CP-OFDM 16QAM	1745	349000	20	106	0	23.04	21.44	0.139
CP-OFDM 64QAM	1745	349000	20	1	0	23.43	21.83	0.152
CP-OFDM 64QAM	1745	349000	20	1	105	23.81	22.21	0.166
CP-OFDM 64QAM	1745	349000	20	53	26	22.22	20.62	0.115
CP-OFDM 64QAM	1745	349000	20	106	0	23.64	22.04	0.160
CP-OFDM 256QAM	1745	349000	20	1	0	19.83	18.23	0.067
CP-OFDM 256QAM	1745	349000	20	1	105	20.06	18.46	0.070
CP-OFDM 256QAM	1745	349000	20	53	26	20.29	18.69	0.074
CP-OFDM 256QAM	1745	349000	20	106	0	19.96	18.36	0.069
DFT-s-OFDM PI/2 BPSK	1770	354000	20	50	25	22.45	20.85	0.122
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	1	22.83	21.23	0.133
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	104	23.22	21.62	0.145
DFT-s-OFDM QPSK	1770	354000	20	50	25	22.34	20.74	0.119
DFT-s-OFDM QPSK	1770	354000	20	1	1	22.72	21.12	0.129
DFT-s-OFDM QPSK	1770	354000	20	1	104	23.11	21.51	0.142

DFT-s-OFDM QPSK	1770	354000	20	50	25	22.55	20.95	0.124
DFT-s-OFDM QPSK	1770	354000	20	100	0	23.65	22.05	0.160
DFT-s-OFDM 16QAM	1770	354000	20	1	0	22.06	20.46	0.111
DFT-s-OFDM 16QAM	1770	354000	20	1	105	22.44	20.84	0.121
DFT-s-OFDM 16QAM	1770	354000	20	50	25	22.83	21.23	0.133
DFT-s-OFDM 16QAM	1770	354000	20	100	0	22.27	20.67	0.117
DFT-s-OFDM 64QAM	1770	354000	20	1	0	22.66	21.06	0.128
DFT-s-OFDM 64QAM	1770	354000	20	1	105	23.04	21.44	0.139
DFT-s-OFDM 64QAM	1770	354000	20	50	25	22.16	20.56	0.114
DFT-s-OFDM 64QAM	1770	354000	20	100	0	22.55	20.95	0.124
DFT-s-OFDM 256QAM	1770	354000	20	1	0	20.36	18.76	0.075
DFT-s-OFDM 256QAM	1770	354000	20	1	105	20.02	18.42	0.070
DFT-s-OFDM 256QAM	1770	354000	20	50	25	20.25	18.65	0.073
DFT-s-OFDM 256QAM	1770	354000	20	100	0	20.48	18.88	0.077
CP-OFDM QPSK	1770	354000	20	1	0	23.53	21.93	0.156
CP-OFDM QPSK	1770	354000	20	1	105	22.97	21.37	0.137
CP-OFDM QPSK	1770	354000	20	53	26	22.09	20.49	0.112
CP-OFDM QPSK	1770	354000	20	106	0	22.48	20.88	0.122
CP-OFDM 16QAM	1770	354000	20	1	0	23.57	21.97	0.157
CP-OFDM 16QAM	1770	354000	20	1	105	23.96	22.36	0.172
CP-OFDM 16QAM	1770	354000	20	53	26	22.37	20.77	0.119
CP-OFDM 16QAM	1770	354000	20	106	0	22.75	21.15	0.130
CP-OFDM 64QAM	1770	354000	20	1	0	22.19	20.59	0.115
CP-OFDM 64QAM	1770	354000	20	1	105	22.58	20.98	0.125
CP-OFDM 64QAM	1770	354000	20	53	26	22.97	21.37	0.137
CP-OFDM 64QAM	1770	354000	20	106	0	22.08	20.48	0.112
CP-OFDM 256QAM	1770	354000	20	1	0	20.08	18.48	0.070
CP-OFDM 256QAM	1770	354000	20	1	105	20.93	19.33	0.086
CP-OFDM 256QAM	1770	354000	20	53	26	19.98	18.38	0.069
CP-OFDM 256QAM	1770	354000	20	106	0	20.21	18.61	0.073