APPENDIX A – TEST DATA OF CONDUCTED EMISSION

NSA DC_2A_n78A (For3450~3550)

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	3455.01	630334	10	1	0	22.28
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	1	23	23.68
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	12	6	23.21
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	24	0	22.93
DFT-s-OFDM QPSK	3455.01	630334	10	1	0	23.26
DFT-s-OFDM QPSK	3455.01	630334	10	1	23	22.79
DFT-s-OFDM QPSK	3455.01	630334	10	12	6	22.51
DFT-s-OFDM QPSK	3455.01	630334	10	24	0	22.04
DFT-s-OFDM 16QAM	3455.01	630334	10	1	0	23.44
DFT-s-OFDM 16QAM	3455.01	630334	10	1	23	22.09
DFT-s-OFDM 16QAM	3455.01	630334	10	12	6	23.29
DFT-s-OFDM 16QAM	3455.01	630334	10	24	0	23.02
DFT-s-OFDM 64QAM	3455.01	630334	10	1	0	22.55
DFT-s-OFDM 64QAM	3455.01	630334	10	1	23	22.27
DFT-s-OFDM 64QAM	3455.01	630334	10	12	6	22.60
DFT-s-OFDM 64QAM	3455.01	630334	10	24	0	22.12
DFT-s-OFDM 256QAM	3455.01	630334	10	1	0	22.45
DFT-s-OFDM 256QAM	3455.01	630334	10	1	23	23.05
DFT-s-OFDM 256QAM	3455.01	630334	10	12	6	23.38
DFT-s-OFDM 256QAM	3455.01	630334	10	24	0	22.03
CP-OFDM QPSK	3455.01	630334	10	1	0	22.63
CP-OFDM QPSK	3455.01	630334	10	1	23	22.96
CP-OFDM QPSK	3455.01	630334	10	12	6	23.56
CP-OFDM QPSK	3455.01	630334	10	24	0	22.21
CP-OFDM 16QAM	3455.01	630334	10	1	0	22.54
CP-OFDM 16QAM	3455.01	630334	10	1	23	23.14
CP-OFDM 16QAM	3455.01	630334	10	12	6	23.47
CP-OFDM 16QAM	3455.01	630334	10	24	0	22.12
CP-OFDM 64QAM	3455.01	630334	10	1	0	22.72
CP-OFDM 64QAM	3455.01	630334	10	1	23	23.05
CP-OFDM 64QAM	3455.01	630334	10	12	6	23.65
CP-OFDM 64QAM	3455.01	630334	10	24	0	22.30
CP-OFDM 256QAM	3455.01	630334	10	1	0	22.90
CP-OFDM 256QAM	3455.01	630334	10	1	23	23.23
CP-OFDM 256QAM	3455.01	630334	10	12	6	23.56
CP-OFDM 256QAM	3455.01	630334	10	24	0	22.21
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	1	0	22.29
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	1	23	22.62
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	12	6	22.95
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	24	0	22.20
DFT-s-OFDM QPSK	3500.01	633334	10	1	0	22.53
DFT-s-OFDM QPSK	3500.01	633334	10	1	23	22.05

DFT-s-OFDM QPSK	3500.01	633334	10	12	6	22.38
DFT-s-OFDM QPSK	3500.01	633334	10	24	0	22.71
DFT-s-OFDM 16QAM	3500.01	633334	10	1	0	23.64
DFT-s-OFDM 16QAM	3500.01	633334	10	1	23	22.29
DFT-s-OFDM 16QAM	3500.01	633334	10	12	6	23.49
DFT-s-OFDM 16QAM	3500.01	633334	10	24	0	22.14
DFT-s-OFDM 64QAM	3500.01	633334	10	1	0	22.47
DFT-s-OFDM 64QAM	3500.01	633334	10	1	23	22.80
DFT-s-OFDM 64QAM	3500.01	633334	10	12	6	22.05
DFT-s-OFDM 64QAM	3500.01	633334	10	24	0	22.38
DFT-s-OFDM 256QAM	3500.01	633334	10	1	0	23.58
DFT-s-OFDM 256QAM	3500.01	633334	10	1	23	22.23
DFT-s-OFDM 256QAM	3500.01	633334	10	12	6	22.56
DFT-s-OFDM 256QAM	3500.01	633334	10	24	0	23.49
CP-OFDM QPSK	3500.01	633334	10	1	0	22.14
CP-OFDM QPSK	3500.01	633334	10	1	23	23.34
CP-OFDM QPSK	3500.01	633334	10	12	6	23.67
CP-OFDM QPSK	3500.01	633334	10	24	0	22.32
CP-OFDM 16QAM	3500.01	633334	10	1	0	22.65
CP-OFDM 16QAM	3500.01	633334	10	1	23	22.17
CP-OFDM 16QAM	3500.01	633334	10	12	6	22.22
CP-OFDM 16QAM	3500.01	633334	10	24	0	22.83
CP-OFDM 64QAM	3500.01	633334	10	1	0	22.08
CP-OFDM 64QAM	3500.01	633334	10	1	23	22.41
CP-OFDM 64QAM	3500.01	633334	10	12	6	22.73
CP-OFDM 64QAM	3500.01	633334	10	24	0	22.26
CP-OFDM 256QAM	3500.01	633334	10	1	0	22.59
CP-OFDM 256QAM	3500.01	633334	10	1	23	22.92
CP-OFDM 256QAM	3500.01	633334	10	12	6	22.17
CP-OFDM 256QAM	3500.01	633334	10	24	0	22.49
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	1	0	23.15
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	1	23	22.40
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	12	6	22.73
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	24	0	23.66
DFT-s-OFDM QPSK	3544.98	636332	10	1	0	22.91
DFT-s-OFDM QPSK	3544.98	636332	10	1	23	22.96
DFT-s-OFDM QPSK	3544.98	636332	10	12	6	22.49
DFT-s-OFDM QPSK	3544.98	636332	10	24	0	23.42
DFT-s-OFDM 16QAM	3544.98	636332	10	1	0	23.47
DFT-s-OFDM 16QAM	3544.98	636332	10	1	23	22.72
DFT-s-OFDM 16QAM	3544.98	636332	10	12	6	22.25
DFT-s-OFDM 16QAM	3544.98	636332	10	24	0	22.30
DFT-s-OFDM 64QAM	3544.98	636332	10	1	0	23.23
DFT-s-OFDM 64QAM	3544.98	636332	10	1	23	22.48
DFT-s-OFDM 64QAM	3544.98	636332	10	12	6	22.81
DFT-s-OFDM 64QAM	3544.98	636332	10	24	0	22.06

DFT-s-OFDM 256QAM	3544.98	636332	10	1	0	23.27
DFT-s-OFDM 256QAM	3544.98	636332	10	1	23	23.32
DFT-s-OFDM 256QAM	3544.98	636332	10	12	6	22.57
DFT-s-OFDM 256QAM	3544.98	636332	10	24	0	23.50
CP-OFDM QPSK	3544.98	636332	10	1	0	22.75
CP-OFDM QPSK	3544.98	636332	10	1	23	23.68
CP-OFDM QPSK	3544.98	636332	10	12	6	22.33
CP-OFDM QPSK	3544.98	636332	10	24	0	23.26
CP-OFDM 16QAM	3544.98	636332	10	1	0	22.51
CP-OFDM 16QAM	3544.98	636332	10	1	23	22.84
CP-OFDM 16QAM	3544.98	636332	10	12	6	22.09
CP-OFDM 16QAM	3544.98	636332	10	24	0	23.02
CP-OFDM 64QAM	3544.98	636332	10	1	0	23.35
CP-OFDM 64QAM	3544.98	636332	10	1	23	22.60
CP-OFDM 64QAM	3544.98	636332	10	12	6	22.93
CP-OFDM 64QAM	3544.98	636332	10	24	0	22.18
CP-OFDM 256QAM	3544.98	636332	10	1	0	23.11
CP-OFDM 256QAM	3544.98	636332	10	1	23	22.36
CP-OFDM 256QAM	3544.98	636332	10	12	6	23.29
CP-OFDM 256QAM	3544.98	636332	10	24	0	22.54

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	1	0	23.25
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	1	37	22.18
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	18	9	22.50
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	36	0	23.11
DFT-s-OFDM QPSK	3457.5	630500	15	1	0	23.44
DFT-s-OFDM QPSK	3457.5	630500	15	1	37	22.08
DFT-s-OFDM QPSK	3457.5	630500	15	18	9	22.41
DFT-s-OFDM QPSK	3457.5	630500	15	36	0	23.62
DFT-s-OFDM 16QAM	3457.5	630500	15	1	0	23.34
DFT-s-OFDM 16QAM	3457.5	630500	15	1	37	23.67
DFT-s-OFDM 16QAM	3457.5	630500	15	18	9	22.59
DFT-s-OFDM 16QAM	3457.5	630500	15	36	0	22.92
DFT-s-OFDM 64QAM	3457.5	630500	15	1	0	22.45
DFT-s-OFDM 64QAM	3457.5	630500	15	1	37	22.77
DFT-s-OFDM 64QAM	3457.5	630500	15	18	9	22.50
DFT-s-OFDM 64QAM	3457.5	630500	15	36	0	22.02
DFT-s-OFDM 256QAM	3457.5	630500	15	1	0	23.43
DFT-s-OFDM 256QAM	3457.5	630500	15	1	37	22.96
DFT-s-OFDM 256QAM	3457.5	630500	15	18	9	23.28
DFT-s-OFDM 256QAM	3457.5	630500	15	36	0	23.01
CP-OFDM QPSK	3457.5	630500	15	1	0	22.53
CP-OFDM QPSK	3457.5	630500	15	1	37	22.86
CP-OFDM QPSK	3457.5	630500	15	19	9	23.19

CP-OFDM QPSK	3457.5	630500	15	38	0	22.11
CP-OFDM 16QAM	3457.5	630500	15	1	0	22.44
CP-OFDM 16QAM	3457.5	630500	15	1	37	22.77
CP-OFDM 16QAM	3457.5	630500	15	19	9	23.37
CP-OFDM 16QAM	3457.5	630500	15	38	0	22.02
CP-OFDM 64QAM	3457.5	630500	15	1	0	22.35
CP-OFDM 64QAM	3457.5	630500	15	1	37	23.55
CP-OFDM 64QAM	3457.5	630500	15	19	9	23.28
CP-OFDM 64QAM	3457.5	630500	15	38	0	22.80
CP-OFDM 256QAM	3457.5	630500	15	1	0	23.13
CP-OFDM 256QAM	3457.5	630500	15	1	37	22.86
CP-OFDM 256QAM	3457.5	630500	15	19	9	22.38
CP-OFDM 256QAM	3457.5	630500	15	38	0	22.11
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	1	0	22.35
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	1	37	23.28
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	18	9	23.61
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	36	0	22.25
DFT-s-OFDM QPSK	3500.01	633334	15	1	0	22.58
DFT-s-OFDM QPSK	3500.01	633334	15	1	37	23.51
DFT-s-OFDM QPSK	3500.01	633334	15	18	9	23.04
DFT-s-OFDM QPSK	3500.01	633334	15	36	0	23.37
DFT-s-OFDM 16QAM	3500.01	633334	15	1	0	22.01
DFT-s-OFDM 16QAM	3500.01	633334	15	1	37	22.34
DFT-s-OFDM 16QAM	3500.01	633334	15	18	9	23.27
DFT-s-OFDM 16QAM	3500.01	633334	15	36	0	23.60
DFT-s-OFDM 64QAM	3500.01	633334	15	1	0	23.13
DFT-s-OFDM 64QAM	3500.01	633334	15	1	37	23.45
DFT-s-OFDM 64QAM	3500.01	633334	15	18	9	22.10
DFT-s-OFDM 64QAM	3500.01	633334	15	36	0	23.03
DFT-s-OFDM 256QAM	3500.01	633334	15	1	0	23.36
DFT-s-OFDM 256QAM	3500.01	633334	15	1	37	22.61
DFT-s-OFDM 256QAM	3500.01	633334	15	18	9	22.94
DFT-s-OFDM 256QAM	3500.01	633334	15	36	0	22.47
CP-OFDM QPSK	3500.01	633334	15	1	0	22.79
CP-OFDM QPSK	3500.01	633334	15	1	37	22.04
CP-OFDM QPSK	3500.01	633334	15	19	9	22.37
CP-OFDM QPSK	3500.01	633334	15	38	0	22.70
CP-OFDM 16QAM	3500.01	633334	15	1	0	23.63
CP-OFDM 16QAM	3500.01	633334	15	1	37	22.28
CP-OFDM 16QAM	3500.01	633334	15	19	9	23.48
CP-OFDM 16QAM	3500.01	633334	15	38	0	22.13
CP-OFDM 64QAM	3500.01	633334	15	1	0	23.06
CP-OFDM 64QAM	3500.01	633334	15	1	37	23.39
CP-OFDM 64QAM	3500.01	633334	15	19	9	22.04
CP-OFDM 64QAM	3500.01	633334	15	38	0	22.97
CP-OFDM 256QAM	3500.01	633334	15	1	0	23.30

CP-OFDM 256QAM	3500.01	633334	15	1	37	22.82
CP-OFDM 256QAM	3500.01	633334	15	19	9	22.07
CP-OFDM 256QAM	3500.01	633334	15	38	0	22.40
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	1	0	23.07
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	1	37	22.32
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	18	9	23.25
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	36	0	22.51
DFT-s-OFDM QPSK	3542.49	636166	15	1	0	22.56
DFT-s-OFDM QPSK	3542.49	636166	15	1	37	23.49
DFT-s-OFDM QPSK	3542.49	636166	15	18	9	23.02
DFT-s-OFDM QPSK	3542.49	636166	15	36	0	23.07
DFT-s-OFDM 16QAM	3542.49	636166	15	1	0	22.32
DFT-s-OFDM 16QAM	3542.49	636166	15	1	37	23.25
DFT-s-OFDM 16QAM	3542.49	636166	15	18	9	22.50
DFT-s-OFDM 16QAM	3542.49	636166	15	36	0	23.43
DFT-s-OFDM 64QAM	3542.49	636166	15	1	0	22.68
DFT-s-OFDM 64QAM	3542.49	636166	15	1	37	23.01
DFT-s-OFDM 64QAM	3542.49	636166	15	18	9	22.26
DFT-s-OFDM 64QAM	3542.49	636166	15	36	0	23.19
DFT-s-OFDM 256QAM	3542.49	636166	15	1	0	22.44
DFT-s-OFDM 256QAM	3542.49	636166	15	1	37	23.37
DFT-s-OFDM 256QAM	3542.49	636166	15	18	9	22.02
DFT-s-OFDM 256QAM	3542.49	636166	15	36	0	22.95
CP-OFDM QPSK	3542.49	636166	15	1	0	22.20
CP-OFDM QPSK	3542.49	636166	15	1	37	22.25
CP-OFDM QPSK	3542.49	636166	15	19	9	23.19
CP-OFDM QPSK	3542.49	636166	15	38	0	22.44
CP-OFDM 16QAM	3542.49	636166	15	1	0	23.37
CP-OFDM 16QAM	3542.49	636166	15	1	37	22.62
CP-OFDM 16QAM	3542.49	636166	15	19	9	23.55
CP-OFDM 16QAM	3542.49	636166	15	38	0	22.80
CP-OFDM 64QAM	3542.49	636166	15	1	0	23.13
CP-OFDM 64QAM	3542.49	636166	15	1	37	22.38
CP-OFDM 64QAM	3542.49	636166	15	19	9	23.31
CP-OFDM 64QAM	3542.49	636166	15	38	0	22.56
CP-OFDM 256QAM	3542.49	636166	15	1	0	22.61
CP-OFDM 256QAM	3542.49	636166	15	1	37	23.54
CP-OFDM 256QAM	3542.49	636166	15	19	9	22.79
CP-OFDM 256QAM	3542.49	636166	15	38	0	22.04

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	1	0	22.08
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	1	50	22.41
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	25	12	23.01
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	50	0	23.34

DFT-s-OFDM QPSK	3460.02	630668	20	1	0	23.66
DFT-s-OFDM QPSK	3460.02	630668	20	1	50	22.59
DFT-s-OFDM QPSK	3460.02	630668	20	25	12	22.92
DFT-s-OFDM QPSK	3460.02	630668	20	50	0	23.24
DFT-s-OFDM 16QAM	3460.02	630668	20	1	0	23.57
DFT-s-OFDM 16QAM	3460.02	630668	20	1	50	23.10
DFT-s-OFDM 16QAM	3460.02	630668	20	25	12	22.82
DFT-s-OFDM 16QAM	3460.02	630668	20	50	0	22.35
DFT-s-OFDM 64QAM	3460.02	630668	20	1	0	22.68
DFT-s-OFDM 64QAM	3460.02	630668	20	1	50	23.00
DFT-s-OFDM 64QAM	3460.02	630668	20	25	12	23.33
DFT-s-OFDM 64QAM	3460.02	630668	20	50	0	22.25
DFT-s-OFDM 256QAM	3460.02	630668	20	1	0	22.58
DFT-s-OFDM 256QAM	3460.02	630668	20	1	50	22.91
DFT-s-OFDM 256QAM	3460.02	630668	20	25	12	23.51
DFT-s-OFDM 256QAM	3460.02	630668	20	50	0	22.16
CP-OFDM QPSK	3460.02	630668	20	1	0	23.37
CP-OFDM QPSK	3460.02	630668	20	1	50	23.09
CP-OFDM QPSK	3460.02	630668	20	25	12	23.42
CP-OFDM QPSK	3460.02	630668	20	51	0	22.94
CP-OFDM 16QAM	3460.02	630668	20	1	0	23.27
CP-OFDM 16QAM	3460.02	630668	20	1	50	23.60
CP-OFDM 16QAM	3460.02	630668	20	25	12	22.25
CP-OFDM 16QAM	3460.02	630668	20	51	0	22.85
CP-OFDM 64QAM	3460.02	630668	20	1	0	23.18
CP-OFDM 64QAM	3460.02	630668	20	1	50	22.70
CP-OFDM 64QAM	3460.02	630668	20	25	12	23.03
CP-OFDM 64QAM	3460.02	630668	20	51	0	22.76
CP-OFDM 256QAM	3460.02	630668	20	1	0	22.28
CP-OFDM 256QAM	3460.02	630668	20	1	50	22.61
CP-OFDM 256QAM	3460.02	630668	20	25	12	22.94
CP-OFDM 256QAM	3460.02	630668	20	51	0	23.27
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	1	0	23.66
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	1	50	22.31
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	25	12	23.24
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	50	0	23.57
DFT-s-OFDM QPSK	3500.01	633334	20	1	0	23.09
DFT-s-OFDM QPSK	3500.01	633334	20	1	50	23.42
DFT-s-OFDM QPSK	3500.01	633334	20	25	12	22.07
DFT-s-OFDM QPSK	3500.01	633334	20	50	0	23.00
DFT-s-OFDM 16QAM	3500.01	633334	20	1	0	23.33
DFT-s-OFDM 16QAM	3500.01	633334	20	1	50	22.58
DFT-s-OFDM 16QAM	3500.01	633334	20	25	12	22.90
DFT-s-OFDM 16QAM	3500.01	633334	20	50	0	22.43
DFT-s-OFDM 64QAM	3500.01	633334	20	1	0	22.76
DFT-s-OFDM 64QAM	3500.01	633334	20	1	50	23.09

DFT-s-OFDM 64QAM	3500.01	633334	20	25	12	22.34
DFT-s-OFDM 64QAM	3500.01	633334	20	50	0	22.66
DFT-s-OFDM 256QAM	3500.01	633334	20	1	0	22.99
DFT-s-OFDM 256QAM	3500.01	633334	20	1	50	22.24
DFT-s-OFDM 256QAM	3500.01	633334	20	25	12	23.45
DFT-s-OFDM 256QAM	3500.01	633334	20	50	0	22.10
CP-OFDM QPSK	3500.01	633334	20	1	0	22.42
CP-OFDM QPSK	3500.01	633334	20	1	50	23.36
CP-OFDM QPSK	3500.01	633334	20	25	12	23.68
CP-OFDM QPSK	3500.01	633334	20	51	0	22.33
CP-OFDM 16QAM	3500.01	633334	20	1	0	23.54
CP-OFDM 16QAM	3500.01	633334	20	1	50	22.79
CP-OFDM 16QAM	3500.01	633334	20	25	12	23.12
CP-OFDM 16QAM	3500.01	633334	20	51	0	22.37
CP-OFDM 64QAM	3500.01	633334	20	1	0	22.69
CP-OFDM 64QAM	3500.01	633334	20	1	50	23.02
CP-OFDM 64QAM	3500.01	633334	20	25	12	23.35
CP-OFDM 64QAM	3500.01	633334	20	51	0	22.60
CP-OFDM 256QAM	3500.01	633334	20	1	0	22.13
CP-OFDM 256QAM	3500.01	633334	20	1	50	22.45
CP-OFDM 256QAM	3500.01	633334	20	25	12	22.78
CP-OFDM 256QAM	3500.01	633334	20	51	0	22.03
DFT-s-OFDM PI/2 BPSK	3540	636000	20	1	0	22.10
DFT-s-OFDM PI/2 BPSK	3540	636000	20	1	50	22.16
DFT-s-OFDM PI/2 BPSK	3540	636000	20	25	12	23.09
DFT-s-OFDM PI/2 BPSK	3540	636000	20	50	0	22.34
DFT-s-OFDM QPSK	3540	636000	20	1	0	23.27
DFT-s-OFDM QPSK	3540	636000	20	1	50	23.60
DFT-s-OFDM QPSK	3540	636000	20	25	12	22.85
DFT-s-OFDM QPSK	3540	636000	20	50	0	22.10
DFT-s-OFDM 16QAM	3540	636000	20	1	0	23.03
DFT-s-OFDM 16QAM	3540	636000	20	1	50	22.28
DFT-s-OFDM 16QAM	3540	636000	20	25	12	23.21
DFT-s-OFDM 16QAM	3540	636000	20	50	0	23.54
DFT-s-OFDM 64QAM	3540	636000	20	1	0	22.79
DFT-s-OFDM 64QAM	3540	636000	20	1	50	22.04
DFT-s-OFDM 64QAM	3540	636000	20	25	12	22.97
DFT-s-OFDM 64QAM	3540	636000	20	50	0	23.02
DFT-s-OFDM 256QAM	3540	636000	20	1	0	22.27
DFT-s-OFDM 256QAM	3540	636000	20	1	50	23.20
DFT-s-OFDM 256QAM	3540	636000	20	25	12	22.45
DFT-s-OFDM 256QAM	3540	636000	20	50	0	22.78
CP-OFDM QPSK	3540	636000	20	1	0	22.03
CP-OFDM QPSK	3540	636000	20	1	50	22.96
CP-OFDM QPSK	3540	636000	20	25	12	22.21
CP-OFDM QPSK	3540	636000	20	51	0	23.15

CP-OFDM 16QAM	3540	636000	20	1	0	22.40
CP-OFDM 16QAM	3540	636000	20	1	50	23.33
CP-OFDM 16QAM	3540	636000	20	25	12	23.38
CP-OFDM 16QAM	3540	636000	20	51	0	22.63
CP-OFDM 64QAM	3540	636000	20	1	0	23.56
CP-OFDM 64QAM	3540	636000	20	1	50	22.21
CP-OFDM 64QAM	3540	636000	20	25	12	22.06
CP-OFDM 64QAM	3540	636000	20	51	0	22.39
CP-OFDM 256QAM	3540	636000	20	1	0	23.32
CP-OFDM 256QAM	3540	636000	20	1	50	22.57
CP-OFDM 256QAM	3540	636000	20	25	12	23.50
CP-OFDM 256QAM	3540	636000	20	51	0	22.75

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3465	631000	30	1	0	22.96
DFT-s-OFDM PI/2 BPSK	3465	631000	30	1	77	23.57
DFT-s-OFDM PI/2 BPSK	3465	631000	30	36	18	22.21
DFT-s-OFDM PI/2 BPSK	3465	631000	30	75	0	23.42
DFT-s-OFDM QPSK	3465	631000	30	1	0	22.07
DFT-s-OFDM QPSK	3465	631000	30	1	77	23.47
DFT-s-OFDM QPSK	3465	631000	30	36	18	23.00
DFT-s-OFDM QPSK	3465	631000	30	75	0	23.33
DFT-s-OFDM 16QAM	3465	631000	30	1	0	23.65
DFT-s-OFDM 16QAM	3465	631000	30	1	77	22.30
DFT-s-OFDM 16QAM	3465	631000	30	36	18	22.90
DFT-s-OFDM 16QAM	3465	631000	30	75	0	23.23
DFT-s-OFDM 64QAM	3465	631000	30	1	0	22.76
DFT-s-OFDM 64QAM	3465	631000	30	1	77	23.09
DFT-s-OFDM 64QAM	3465	631000	30	36	18	23.41
DFT-s-OFDM 64QAM	3465	631000	30	75	0	22.34
DFT-s-OFDM 256QAM	3465	631000	30	1	0	22.66
DFT-s-OFDM 256QAM	3465	631000	30	1	77	22.99
DFT-s-OFDM 256QAM	3465	631000	30	36	18	23.32
DFT-s-OFDM 256QAM	3465	631000	30	75	0	22.85
CP-OFDM QPSK	3465	631000	30	1	0	22.57
CP-OFDM QPSK	3465	631000	30	1	77	22.10
CP-OFDM QPSK	3465	631000	30	39	19	22.42
CP-OFDM QPSK	3465	631000	30	78	0	22.75
CP-OFDM 16QAM	3465	631000	30	1	0	23.08
CP-OFDM 16QAM	3465	631000	30	1	77	23.68
CP-OFDM 16QAM	3465	631000	30	39	19	22.33
CP-OFDM 16QAM	3465	631000	30	78	0	22.66
CP-OFDM 64QAM	3465	631000	30	1	0	22.18
CP-OFDM 64QAM	3465	631000	30	1	77	23.59
CP-OFDM 64QAM	3465	631000	30	39	19	23.12

CP-OFDM 64QAM	3465	631000	30	78	0	23.44
CP-OFDM 256QAM	3465	631000	30	1	0	22.09
CP-OFDM 256QAM	3465	631000	30	1	77	22.42
CP-OFDM 256QAM	3465	631000	30	39	19	23.62
CP-OFDM 256QAM	3465	631000	30	78	0	23.35
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	1	0	23.29
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	1	77	23.62
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	36	18	23.14
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	75	0	23.47
DFT-s-OFDM QPSK	3500.01	633334	30	1	0	22.72
DFT-s-OFDM QPSK	3500.01	633334	30	1	77	23.05
DFT-s-OFDM QPSK	3500.01	633334	30	36	18	23.38
DFT-s-OFDM QPSK	3500.01	633334	30	75	0	22.03
DFT-s-OFDM 16QAM	3500.01	633334	30	1	0	22.96
DFT-s-OFDM 16QAM	3500.01	633334	30	1	77	22.48
DFT-s-OFDM 16QAM	3500.01	633334	30	36	18	22.81
DFT-s-OFDM 16QAM	3500.01	633334	30	75	0	22.06
DFT-s-OFDM 64QAM	3500.01	633334	30	1	0	22.39
DFT-s-OFDM 64QAM	3500.01	633334	30	1	77	22.72
DFT-s-OFDM 64QAM	3500.01	633334	30	36	18	23.65
DFT-s-OFDM 64QAM	3500.01	633334	30	75	0	22.30
DFT-s-OFDM 256QAM	3500.01	633334	30	1	0	23.50
DFT-s-OFDM 256QAM	3500.01	633334	30	1	77	22.15
DFT-s-OFDM 256QAM	3500.01	633334	30	36	18	23.08
DFT-s-OFDM 256QAM	3500.01	633334	30	75	0	23.41
CP-OFDM QPSK	3500.01	633334	30	1	0	22.06
CP-OFDM QPSK	3500.01	633334	30	1	77	22.38
CP-OFDM QPSK	3500.01	633334	30	39	19	23.59
CP-OFDM QPSK	3500.01	633334	30	78	0	22.84
CP-OFDM 16QAM	3500.01	633334	30	1	0	23.17
CP-OFDM 16QAM	3500.01	633334	30	1	77	23.50
CP-OFDM 16QAM	3500.01	633334	30	39	19	22.75
CP-OFDM 16QAM	3500.01	633334	30	78	0	23.08
CP-OFDM 64QAM	3500.01	633334	30	1	0	23.40
CP-OFDM 64QAM	3500.01	633334	30	1	77	22.65
CP-OFDM 64QAM	3500.01	633334	30	39	19	22.18
CP-OFDM 64QAM	3500.01	633334	30	78	0	22.51
CP-OFDM 256QAM	3500.01	633334	30	1	0	23.44
CP-OFDM 256QAM	3500.01	633334	30	1	77	22.09
CP-OFDM 256QAM	3500.01	633334	30	39	19	23.02
CP-OFDM 256QAM	3500.01	633334	30	78	0	23.34
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	1	0	22.26
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	1	77	23.19
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	36	18	22.44
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	75	0	23.37
DFT-s-OFDM QPSK	3534.99	635666	30	1	0	22.62

DFT-s-OFDM QPSK	3534.99	635666	30	1	77	23.28
DFT-s-OFDM QPSK	3534.99	635666	30	36	18	22.81
DFT-s-OFDM QPSK	3534.99	635666	30	75	0	22.06
DFT-s-OFDM 16QAM	3534.99	635666	30	1	0	22.11
DFT-s-OFDM 16QAM	3534.99	635666	30	1	77	23.04
DFT-s-OFDM 16QAM	3534.99	635666	30	36	18	22.29
DFT-s-OFDM 16QAM	3534.99	635666	30	75	0	23.22
DFT-s-OFDM 64QAM	3534.99	635666	30	1	0	22.47
DFT-s-OFDM 64QAM	3534.99	635666	30	1	77	23.40
DFT-s-OFDM 64QAM	3534.99	635666	30	36	18	22.65
DFT-s-OFDM 64QAM	3534.99	635666	30	75	0	23.58
DFT-s-OFDM 256QAM	3534.99	635666	30	1	0	22.56
DFT-s-OFDM 256QAM	3534.99	635666	30	1	77	23.49
DFT-s-OFDM 256QAM	3534.99	635666	30	36	18	22.74
DFT-s-OFDM 256QAM	3534.99	635666	30	75	0	23.67
CP-OFDM QPSK	3534.99	635666	30	1	0	22.92
CP-OFDM QPSK	3534.99	635666	30	1	77	22.98
CP-OFDM QPSK	3534.99	635666	30	39	19	22.23
CP-OFDM QPSK	3534.99	635666	30	78	0	23.16
CP-OFDM 16QAM	3534.99	635666	30	1	0	22.41
CP-OFDM 16QAM	3534.99	635666	30	1	77	23.34
CP-OFDM 16QAM	3534.99	635666	30	39	19	22.59
CP-OFDM 16QAM	3534.99	635666	30	78	0	23.52
CP-OFDM 64QAM	3534.99	635666	30	1	0	22.77
CP-OFDM 64QAM	3534.99	635666	30	1	77	22.82
CP-OFDM 64QAM	3534.99	635666	30	39	19	22.08
CP-OFDM 64QAM	3534.99	635666	30	78	0	23.01
CP-OFDM 256QAM	3534.99	635666	30	1	0	22.26
CP-OFDM 256QAM	3534.99	635666	30	1	77	23.19
CP-OFDM 256QAM	3534.99	635666	30	39	19	22.44
CP-OFDM 256QAM	3534.99	635666	30	78	0	23.37

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	1	0	23.65
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	1	105	22.30
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	50	25	22.62
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	100	0	22.15
DFT-s-OFDM QPSK	3470.01	631334	40	1	0	22.48
DFT-s-OFDM QPSK	3470.01	631334	40	1	105	22.81
DFT-s-OFDM QPSK	3470.01	631334	40	50	25	23.13
DFT-s-OFDM QPSK	3470.01	631334	40	100	0	22.66
DFT-s-OFDM 16QAM	3470.01	631334	40	1	0	22.38
DFT-s-OFDM 16QAM	3470.01	631334	40	1	105	22.71
DFT-s-OFDM 16QAM	3470.01	631334	40	50	25	22.24
DFT-s-OFDM 16QAM	3470.01	631334	40	100	0	22.57

DFT-s-OFDM 64QAM	3470.01	631334	40	1	0	22.89
DFT-s-OFDM 64QAM	3470.01	631334	40	1	105	23.22
DFT-s-OFDM 64QAM	3470.01	631334	40	50	25	22.75
DFT-s-OFDM 64QAM	3470.01	631334	40	100	0	23.07
DFT-s-OFDM 256QAM	3470.01	631334	40	1	0	23.40
DFT-s-OFDM 256QAM	3470.01	631334	40	1	105	22.05
DFT-s-OFDM 256QAM	3470.01	631334	40	50	25	23.26
DFT-s-OFDM 256QAM	3470.01	631334	40	100	0	23.58
CP-OFDM QPSK	3470.01	631334	40	1	0	22.23
CP-OFDM QPSK	3470.01	631334	40	1	105	22.83
CP-OFDM QPSK	3470.01	631334	40	53	26	23.16
CP-OFDM QPSK	3470.01	631334	40	106	0	23.49
CP-OFDM 16QAM	3470.01	631334	40	1	0	23.02
CP-OFDM 16QAM	3470.01	631334	40	1	105	23.34
CP-OFDM 16QAM	3470.01	631334	40	53	26	23.67
CP-OFDM 16QAM	3470.01	631334	40	106	0	22.32
CP-OFDM 64QAM	3470.01	631334	40	1	0	23.53
CP-OFDM 64QAM	3470.01	631334	40	1	105	23.25
CP-OFDM 64QAM	3470.01	631334	40	53	26	23.58
CP-OFDM 64QAM	3470.01	631334	40	106	0	23.10
CP-OFDM 256QAM	3470.01	631334	40	1	0	23.43
CP-OFDM 256QAM	3470.01	631334	40	1	105	22.08
CP-OFDM 256QAM	3470.01	631334	40	53	26	22.41
CP-OFDM 256QAM	3470.01	631334	40	106	0	23.61
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	1	0	22.92
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	1	105	22.17
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	50	25	22.50
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	100	0	22.03
DFT-s-OFDM QPSK	3500.01	633334	40	1	0	22.08
DFT-s-OFDM QPSK	3500.01	633334	40	1	105	23.29
DFT-s-OFDM QPSK	3500.01	633334	40	50	25	23.61
DFT-s-OFDM QPSK	3500.01	633334	40	100	0	22.26
DFT-s-OFDM 16QAM	3500.01	633334	40	1	0	23.19
DFT-s-OFDM 16QAM	3500.01	633334	40	1	105	22.44
DFT-s-OFDM 16QAM	3500.01	633334	40	50	25	22.77
DFT-s-OFDM 16QAM	3500.01	633334	40	100	0	23.10
DFT-s-OFDM 64QAM	3500.01	633334	40	1	0	22.35
DFT-s-OFDM 64QAM	3500.01	633334	40	1	105	23.56
DFT-s-OFDM 64QAM	3500.01	633334	40	50	25	22.20
DFT-s-OFDM 64QAM	3500.01	633334	40	100	0	23.13
DFT-s-OFDM 256QAM	3500.01	633334	40	1	0	23.46
DFT-s-OFDM 256QAM	3500.01	633334	40	1	105	22.71
DFT-s-OFDM 256QAM	3500.01	633334	40	50	25	23.04
DFT-s-OFDM 256QAM	3500.01	633334	40	100	0	23.37
CP-OFDM QPSK	3500.01	633334	40	1	0	22.62
CP-OFDM QPSK	3500.01	633334	40	1	105	22.95

CP-OFDM QPSK	3500.01	633334	40	53	26	22.20
CP-OFDM QPSK	3500.01	633334	40	106	0	23.40
CP-OFDM 16QAM	3500.01	633334	40	1	0	22.05
CP-OFDM 16QAM	3500.01	633334	40	1	105	22.98
CP-OFDM 16QAM	3500.01	633334	40	53	26	23.31
CP-OFDM 16QAM	3500.01	633334	40	106	0	23.64
CP-OFDM 64QAM	3500.01	633334	40	1	0	22.89
CP-OFDM 64QAM	3500.01	633334	40	1	105	23.22
CP-OFDM 64QAM	3500.01	633334	40	53	26	22.47
CP-OFDM 64QAM	3500.01	633334	40	106	0	22.79
CP-OFDM 256QAM	3500.01	633334	40	1	0	22.32
CP-OFDM 256QAM	3500.01	633334	40	1	105	23.25
CP-OFDM 256QAM	3500.01	633334	40	53	26	23.58
CP-OFDM 256QAM	3500.01	633334	40	106	0	22.23
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	1	0	22.88
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	1	105	22.73
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	50	25	23.66
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	100	0	22.91
DFT-s-OFDM QPSK	3529.98	635332	40	1	0	23.57
DFT-s-OFDM QPSK	3529.98	635332	40	1	105	22.82
DFT-s-OFDM QPSK	3529.98	635332	40	50	25	22.07
DFT-s-OFDM QPSK	3529.98	635332	40	100	0	23.00
DFT-s-OFDM 16QAM	3529.98	635332	40	1	0	22.25
DFT-s-OFDM 16QAM	3529.98	635332	40	1	105	22.58
DFT-s-OFDM 16QAM	3529.98	635332	40	50	25	23.23
DFT-s-OFDM 16QAM	3529.98	635332	40	100	0	22.49
DFT-s-OFDM 64QAM	3529.98	635332	40	1	0	23.42
DFT-s-OFDM 64QAM	3529.98	635332	40	1	105	22.67
DFT-s-OFDM 64QAM	3529.98	635332	40	50	25	23.60
DFT-s-OFDM 64QAM	3529.98	635332	40	100	0	22.85
DFT-s-OFDM 256QAM	3529.98	635332	40	1	0	22.10
DFT-s-OFDM 256QAM	3529.98	635332	40	1	105	23.03
DFT-s-OFDM 256QAM	3529.98	635332	40	50	25	23.08
DFT-s-OFDM 256QAM	3529.98	635332	40	100	0	22.33
CP-OFDM QPSK	3529.98	635332	40	1	0	23.26
CP-OFDM QPSK	3529.98	635332	40	1	105	22.51
CP-OFDM QPSK	3529.98	635332	40	53	26	23.45
CP-OFDM QPSK	3529.98	635332	40	106	0	22.70
CP-OFDM 16QAM	3529.98	635332	40	1	0	23.63
CP-OFDM 16QAM	3529.98	635332	40	1	105	22.28
CP-OFDM 16QAM	3529.98	635332	40	53	26	23.21
CP-OFDM 16QAM	3529.98	635332	40	106	0	22.46
CP-OFDM 64QAM	3529.98	635332	40	1	0	23.11
CP-OFDM 64QAM	3529.98	635332	40	1	105	22.36
CP-OFDM 64QAM	3529.98	635332	40	53	26	23.29
CP-OFDM 64QAM	3529.98	635332	40	106	0	22.54

CP-OFDM 256QAM	3529.98	635332	40	1	0	23.48
CP-OFDM 256QAM	3529.98	635332	40	1	105	22.73
CP-OFDM 256QAM	3529.98	635332	40	53	26	23.05
CP-OFDM 256QAM	3529.98	635332	40	106	0	22.30

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	1	0	22.56
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	1	132	22.89
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	64	32	23.22
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	128	0	23.54
DFT-s-OFDM QPSK	3475.02	631668	50	1	0	23.07
DFT-s-OFDM QPSK	3475.02	631668	50	1	132	23.40
DFT-s-OFDM QPSK	3475.02	631668	50	64	32	22.05
DFT-s-OFDM QPSK	3475.02	631668	50	128	0	22.37
DFT-s-OFDM 16QAM	3475.02	631668	50	1	0	22.98
DFT-s-OFDM 16QAM	3475.02	631668	50	1	132	23.30
DFT-s-OFDM 16QAM	3475.02	631668	50	64	32	23.63
DFT-s-OFDM 16QAM	3475.02	631668	50	128	0	23.16
DFT-s-OFDM 64QAM	3475.02	631668	50	1	0	23.49
DFT-s-OFDM 64QAM	3475.02	631668	50	1	132	22.13
DFT-s-OFDM 64QAM	3475.02	631668	50	64	32	22.46
DFT-s-OFDM 64QAM	3475.02	631668	50	128	0	23.67
DFT-s-OFDM 256QAM	3475.02	631668	50	1	0	22.31
DFT-s-OFDM 256QAM	3475.02	631668	50	1	132	22.64
DFT-s-OFDM 256QAM	3475.02	631668	50	64	32	23.25
DFT-s-OFDM 256QAM	3475.02	631668	50	128	0	23.57
CP-OFDM QPSK	3475.02	631668	50	1	0	22.22
CP-OFDM QPSK	3475.02	631668	50	1	132	23.43
CP-OFDM QPSK	3475.02	631668	50	67	33	22.07
CP-OFDM QPSK	3475.02	631668	50	133	0	22.40
CP-OFDM 16QAM	3475.02	631668	50	1	0	23.01
CP-OFDM 16QAM	3475.02	631668	50	1	132	23.33
CP-OFDM 16QAM	3475.02	631668	50	67	33	23.66
CP-OFDM 16QAM	3475.02	631668	50	133	0	22.31
CP-OFDM 64QAM	3475.02	631668	50	1	0	23.51
CP-OFDM 64QAM	3475.02	631668	50	1	132	22.16
CP-OFDM 64QAM	3475.02	631668	50	67	33	22.49
CP-OFDM 64QAM	3475.02	631668	50	133	0	22.82
CP-OFDM 256QAM	3475.02	631668	50	1	0	22.34
CP-OFDM 256QAM	3475.02	631668	50	1	132	22.07
CP-OFDM 256QAM	3475.02	631668	50	67	33	23.27
CP-OFDM 256QAM	3475.02	631668	50	133	0	23.60
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	1	0	22.41
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	1	132	22.74
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	64	32	23.67

DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	128	0	22.31
DFT-s-OFDM QPSK	3500.01	633334	50	1	0	22.64
DFT-s-OFDM QPSK	3500.01	633334	50	1	132	23.57
DFT-s-OFDM QPSK	3500.01	633334	50	64	32	23.10
DFT-s-OFDM QPSK	3500.01	633334	50	128	0	23.43
DFT-s-OFDM 16QAM	3500.01	633334	50	1	0	22.68
DFT-s-OFDM 16QAM	3500.01	633334	50	1	132	23.01
DFT-s-OFDM 16QAM	3500.01	633334	50	64	32	22.26
DFT-s-OFDM 16QAM	3500.01	633334	50	128	0	22.58
DFT-s-OFDM 64QAM	3500.01	633334	50	1	0	23.51
DFT-s-OFDM 64QAM	3500.01	633334	50	1	132	22.16
DFT-s-OFDM 64QAM	3500.01	633334	50	64	32	23.09
DFT-s-OFDM 64QAM	3500.01	633334	50	128	0	23.42
DFT-s-OFDM 256QAM	3500.01	633334	50	1	0	22.67
DFT-s-OFDM 256QAM	3500.01	633334	50	1	132	23.00
DFT-s-OFDM 256QAM	3500.01	633334	50	64	32	22.25
DFT-s-OFDM 256QAM	3500.01	633334	50	128	0	23.46
CP-OFDM QPSK	3500.01	633334	50	1	0	22.10
CP-OFDM QPSK	3500.01	633334	50	1	132	23.03
CP-OFDM QPSK	3500.01	633334	50	67	33	23.36
CP-OFDM QPSK	3500.01	633334	50	133	0	22.01
CP-OFDM 16QAM	3500.01	633334	50	1	0	22.94
CP-OFDM 16QAM	3500.01	633334	50	1	132	23.27
CP-OFDM 16QAM	3500.01	633334	50	67	33	22.52
CP-OFDM 16QAM	3500.01	633334	50	133	0	22.85
CP-OFDM 64QAM	3500.01	633334	50	1	0	22.37
CP-OFDM 64QAM	3500.01	633334	50	1	132	23.30
CP-OFDM 64QAM	3500.01	633334	50	67	33	23.63
CP-OFDM 64QAM	3500.01	633334	50	133	0	22.88
CP-OFDM 256QAM	3500.01	633334	50	1	0	23.21
CP-OFDM 256QAM	3500.01	633334	50	1	132	22.46
CP-OFDM 256QAM	3500.01	633334	50	67	33	22.79
CP-OFDM 256QAM	3500.01	633334	50	133	0	23.12
DFT-s-OFDM PI/2 BPSK	3525	635000	50	1	0	23.02
DFT-s-OFDM PI/2 BPSK	3525	635000	50	1	132	22.27
DFT-s-OFDM PI/2 BPSK	3525	635000	50	64	32	22.32
DFT-s-OFDM PI/2 BPSK	3525	635000	50	128	0	23.25
DFT-s-OFDM QPSK	3525	635000	50	1	0	23.11
DFT-s-OFDM QPSK	3525	635000	50	1	132	22.36
DFT-s-OFDM QPSK	3525	635000	50	64	32	23.29
DFT-s-OFDM QPSK	3525	635000	50	128	0	23.34
DFT-s-OFDM 16QAM	3525	635000	50	1	0	22.59
DFT-s-OFDM 16QAM	3525	635000	50	1	132	23.52
DFT-s-OFDM 16QAM	3525	635000	50	64	32	22.77
DFT-s-OFDM 16QAM	3525	635000	50	128	0	22.02
DFT-s-OFDM 64QAM	3525	635000	50	1	0	22.95

DFT-s-OFDM 64QAM	3525	635000	50	1	132	22.21
DFT-s-OFDM 64QAM	3525	635000	50	64	32	23.14
DFT-s-OFDM 64QAM	3525	635000	50	128	0	23.19
DFT-s-OFDM 256QAM	3525	635000	50	1	0	22.44
DFT-s-OFDM 256QAM	3525	635000	50	1	132	23.37
DFT-s-OFDM 256QAM	3525	635000	50	64	32	22.62
DFT-s-OFDM 256QAM	3525	635000	50	128	0	23.55
CP-OFDM QPSK	3525	635000	50	1	0	22.80
CP-OFDM QPSK	3525	635000	50	1	132	22.05
CP-OFDM QPSK	3525	635000	50	67	33	22.71
CP-OFDM QPSK	3525	635000	50	133	0	23.64
CP-OFDM 16QAM	3525	635000	50	1	0	22.29
CP-OFDM 16QAM	3525	635000	50	1	132	23.22
CP-OFDM 16QAM	3525	635000	50	67	33	22.47
CP-OFDM 16QAM	3525	635000	50	133	0	23.40
CP-OFDM 64QAM	3525	635000	50	1	0	22.65
CP-OFDM 64QAM	3525	635000	50	1	132	23.31
CP-OFDM 64QAM	3525	635000	50	67	33	22.56
CP-OFDM 64QAM	3525	635000	50	133	0	23.49
CP-OFDM 256QAM	3525	635000	50	1	0	22.74
CP-OFDM 256QAM	3525	635000	50	1	132	23.67
CP-OFDM 256QAM	3525	635000	50	67	33	22.65
CP-OFDM 256QAM	3525	635000	50	133	0	22.17

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3480	632000	60	1	0	22.27
DFT-s-OFDM PI/2 BPSK	3480	632000	60	1	161	22.88
DFT-s-OFDM PI/2 BPSK	3480	632000	60	81	40	23.20
DFT-s-OFDM PI/2 BPSK	3480	632000	60	162	0	23.53
DFT-s-OFDM QPSK	3480	632000	60	1	0	23.06
DFT-s-OFDM QPSK	3480	632000	60	1	161	23.39
DFT-s-OFDM QPSK	3480	632000	60	81	40	22.03
DFT-s-OFDM QPSK	3480	632000	60	162	0	22.36
DFT-s-OFDM 16QAM	3480	632000	60	1	0	23.57
DFT-s-OFDM 16QAM	3480	632000	60	1	161	22.22
DFT-s-OFDM 16QAM	3480	632000	60	81	40	22.54
DFT-s-OFDM 16QAM	3480	632000	60	162	0	22.87
DFT-s-OFDM 64QAM	3480	632000	60	1	0	23.47
DFT-s-OFDM 64QAM	3480	632000	60	1	161	22.12
DFT-s-OFDM 64QAM	3480	632000	60	81	40	23.33
DFT-s-OFDM 64QAM	3480	632000	60	162	0	23.66
DFT-s-OFDM 256QAM	3480	632000	60	1	0	22.30
DFT-s-OFDM 256QAM	3480	632000	60	1	161	22.63
DFT-s-OFDM 256QAM	3480	632000	60	81	40	22.16
DFT-s-OFDM 256QAM	3480	632000	60	162	0	22.48

CP-OFDM QPSK	3480	632000	60	1	0	22.81
CP-OFDM QPSK	3480	632000	60	1	161	23.14
CP-OFDM QPSK	3480	632000	60	81	40	22.67
CP-OFDM QPSK	3480	632000	60	162	0	22.99
CP-OFDM 16QAM	3480	632000	60	1	0	22.72
CP-OFDM 16QAM	3480	632000	60	1	161	22.24
CP-OFDM 16QAM	3480	632000	60	81	40	23.18
CP-OFDM 16QAM	3480	632000	60	162	0	22.90
CP-OFDM 64QAM	3480	632000	60	1	0	23.23
CP-OFDM 64QAM	3480	632000	60	1	161	22.75
CP-OFDM 64QAM	3480	632000	60	81	40	23.68
CP-OFDM 64QAM	3480	632000	60	162	0	22.33
CP-OFDM 256QAM	3480	632000	60	1	0	22.06
CP-OFDM 256QAM	3480	632000	60	1	161	23.26
CP-OFDM 256QAM	3480	632000	60	81	40	23.59
CP-OFDM 256QAM	3480	632000	60	162	0	22.24
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	1	0	23.30
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	1	161	23.63
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	81	40	22.88
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	162	0	23.21
DFT-s-OFDM QPSK	3500.01	633334	60	1	0	22.73
DFT-s-OFDM QPSK	3500.01	633334	60	1	161	23.66
DFT-s-OFDM QPSK	3500.01	633334	60	81	40	22.31
DFT-s-OFDM QPSK	3500.01	633334	60	162	0	23.24
DFT-s-OFDM 16QAM	3500.01	633334	60	1	0	23.57
DFT-s-OFDM 16QAM	3500.01	633334	60	1	161	22.82
DFT-s-OFDM 16QAM	3500.01	633334	60	81	40	23.15
DFT-s-OFDM 16QAM	3500.01	633334	60	162	0	22.40
DFT-s-OFDM 64QAM	3500.01	633334	60	1	0	22.73
DFT-s-OFDM 64QAM	3500.01	633334	60	1	161	23.66
DFT-s-OFDM 64QAM	3500.01	633334	60	81	40	22.30
DFT-s-OFDM 64QAM	3500.01	633334	60	162	0	23.23
DFT-s-OFDM 256QAM	3500.01	633334	60	1	0	23.56
DFT-s-OFDM 256QAM	3500.01	633334	60	1	161	22.81
DFT-s-OFDM 256QAM	3500.01	633334	60	81	40	22.34
DFT-s-OFDM 256QAM	3500.01	633334	60	162	0	22.67
CP-OFDM QPSK	3500.01	633334	60	1	0	23.60
CP-OFDM QPSK	3500.01	633334	60	1	161	22.85
CP-OFDM QPSK	3500.01	633334	60	81	40	23.18
CP-OFDM QPSK	3500.01	633334	60	162	0	23.50
CP-OFDM 16QAM	3500.01	633334	60	1	0	22.75
CP-OFDM 16QAM	3500.01	633334	60	1	161	23.08
CP-OFDM 16QAM	3500.01	633334	60	81	40	22.33
CP-OFDM 16QAM	3500.01	633334	60	162	0	23.26
CP-OFDM 64QAM	3500.01	633334	60	1	0	23.59
CP-OFDM 64QAM	3500.01	633334	60	1	161	22.24

CP-OFDM 64QAM	3500.01	633334	60	81	40	23.17
CP-OFDM 64QAM	3500.01	633334	60	162	0	22.70
CP-OFDM 256QAM	3500.01	633334	60	1	0	22.75
CP-OFDM 256QAM	3500.01	633334	60	1	161	22.27
CP-OFDM 256QAM	3500.01	633334	60	81	40	23.21
CP-OFDM 256QAM	3500.01	633334	60	162	0	23.53
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	1	0	22.89
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	1	161	22.94
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	81	40	22.79
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	162	0	22.04
DFT-s-OFDM QPSK	3519.99	634666	60	1	0	22.97
DFT-s-OFDM QPSK	3519.99	634666	60	1	161	22.22
DFT-s-OFDM QPSK	3519.99	634666	60	81	40	22.28
DFT-s-OFDM QPSK	3519.99	634666	60	162	0	22.13
DFT-s-OFDM 16QAM	3519.99	634666	60	1	0	23.06
DFT-s-OFDM 16QAM	3519.99	634666	60	1	161	22.04
DFT-s-OFDM 16QAM	3519.99	634666	60	81	40	22.97
DFT-s-OFDM 16QAM	3519.99	634666	60	162	0	22.22
DFT-s-OFDM 64QAM	3519.99	634666	60	1	0	23.15
DFT-s-OFDM 64QAM	3519.99	634666	60	1	161	22.40
DFT-s-OFDM 64QAM	3519.99	634666	60	81	40	23.33
DFT-s-OFDM 64QAM	3519.99	634666	60	162	0	22.31
DFT-s-OFDM 256QAM	3519.99	634666	60	1	0	23.24
DFT-s-OFDM 256QAM	3519.99	634666	60	1	161	22.49
DFT-s-OFDM 256QAM	3519.99	634666	60	81	40	23.42
DFT-s-OFDM 256QAM	3519.99	634666	60	162	0	22.39
CP-OFDM QPSK	3519.99	634666	60	1	0	23.32
CP-OFDM QPSK	3519.99	634666	60	1	161	22.58
CP-OFDM QPSK	3519.99	634666	60	81	40	23.51
CP-OFDM QPSK	3519.99	634666	60	162	0	22.76
CP-OFDM 16QAM	3519.99	634666	60	1	0	22.01
CP-OFDM 16QAM	3519.99	634666	60	1	161	22.66
CP-OFDM 16QAM	3519.99	634666	60	81	40	23.59
CP-OFDM 16QAM	3519.99	634666	60	162	0	22.84
CP-OFDM 64QAM	3519.99	634666	60	1	0	23.50
CP-OFDM 64QAM	3519.99	634666	60	1	161	22.75
CP-OFDM 64QAM	3519.99	634666	60	81	40	23.68
CP-OFDM 64QAM	3519.99	634666	60	162	0	22.93
CP-OFDM 256QAM	3519.99	634666	60	1	0	22.18
CP-OFDM 256QAM	3519.99	634666	60	1	161	23.11
CP-OFDM 256QAM	3519.99	634666	60	81	40	22.36
CP-OFDM 256QAM	3519.99	634666	60	162	0	23.30

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	1	0	23.19

DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	1	216	22.72
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	108	54	23.05
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	216	0	23.38
DFT-s-OFDM QPSK	3490.02	632668	80	1	0	22.02
DFT-s-OFDM QPSK	3490.02	632668	80	1	216	23.23
DFT-s-OFDM QPSK	3490.02	632668	80	108	54	23.56
DFT-s-OFDM QPSK	3490.02	632668	80	216	0	22.20
DFT-s-OFDM 16QAM	3490.02	632668	80	1	0	22.53
DFT-s-OFDM 16QAM	3490.02	632668	80	1	216	22.06
DFT-s-OFDM 16QAM	3490.02	632668	80	108	54	22.39
DFT-s-OFDM 16QAM	3490.02	632668	80	216	0	22.71
DFT-s-OFDM 64QAM	3490.02	632668	80	1	0	23.04
DFT-s-OFDM 64QAM	3490.02	632668	80	1	216	22.57
DFT-s-OFDM 64QAM	3490.02	632668	80	108	54	22.90
DFT-s-OFDM 64QAM	3490.02	632668	80	216	0	23.22
DFT-s-OFDM 256QAM	3490.02	632668	80	1	0	23.55
DFT-s-OFDM 256QAM	3490.02	632668	80	1	216	23.08
DFT-s-OFDM 256QAM	3490.02	632668	80	108	54	23.40
DFT-s-OFDM 256QAM	3490.02	632668	80	216	0	22.05
CP-OFDM QPSK	3490.02	632668	80	1	0	22.38
CP-OFDM QPSK	3490.02	632668	80	1	216	22.98
CP-OFDM QPSK	3490.02	632668	80	109	54	23.31
CP-OFDM QPSK	3490.02	632668	80	217	0	23.64
CP-OFDM 16QAM	3490.02	632668	80	1	0	23.16
CP-OFDM 16QAM	3490.02	632668	80	1	216	23.49
CP-OFDM 16QAM	3490.02	632668	80	109	54	22.14
CP-OFDM 16QAM	3490.02	632668	80	217	0	22.47
CP-OFDM 64QAM	3490.02	632668	80	1	0	23.67
CP-OFDM 64QAM	3490.02	632668	80	1	216	22.32
CP-OFDM 64QAM	3490.02	632668	80	109	54	22.65
CP-OFDM 64QAM	3490.02	632668	80	217	0	22.98
CP-OFDM 256QAM	3490.02	632668	80	1	0	22.50
CP-OFDM 256QAM	3490.02	632668	80	1	216	22.83
CP-OFDM 256QAM	3490.02	632668	80	109	54	23.16
CP-OFDM 256QAM	3490.02	632668	80	217	0	23.49
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	1	0	23.44
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	1	216	22.09
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	108	54	23.29
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	216	0	22.54
DFT-s-OFDM QPSK	3500.01	633334	80	1	0	22.87
DFT-s-OFDM QPSK	3500.01	633334	80	1	216	22.12
DFT-s-OFDM QPSK	3500.01	633334	80	108	54	22.45
DFT-s-OFDM QPSK	3500.01	633334	80	216	0	23.38
DFT-s-OFDM 16QAM	3500.01	633334	80	1	0	22.03
DFT-s-OFDM 16QAM	3500.01	633334	80	1	216	22.96
DFT-s-OFDM 16QAM	3500.01	633334	80	108	54	23.29

DFT-s-OFDM 16QAM	3500.01	633334	80	216	0	22.54
DFT-s-OFDM 64QAM	3500.01	633334	80	1	0	23.47
DFT-s-OFDM 64QAM	3500.01	633334	80	1	216	22.72
DFT-s-OFDM 64QAM	3500.01	633334	80	108	54	23.05
DFT-s-OFDM 64QAM	3500.01	633334	80	216	0	22.30
DFT-s-OFDM 256QAM	3500.01	633334	80	1	0	22.63
DFT-s-OFDM 256QAM	3500.01	633334	80	1	216	23.56
DFT-s-OFDM 256QAM	3500.01	633334	80	108	54	22.20
DFT-s-OFDM 256QAM	3500.01	633334	80	216	0	23.14
CP-OFDM QPSK	3500.01	633334	80	1	0	23.46
CP-OFDM QPSK	3500.01	633334	80	1	216	22.71
CP-OFDM QPSK	3500.01	633334	80	109	54	23.65
CP-OFDM QPSK	3500.01	633334	80	217	0	22.29
CP-OFDM 16QAM	3500.01	633334	80	1	0	23.22
CP-OFDM 16QAM	3500.01	633334	80	1	216	22.75
CP-OFDM 16QAM	3500.01	633334	80	109	54	23.08
CP-OFDM 16QAM	3500.01	633334	80	217	0	22.33
CP-OFDM 64QAM	3500.01	633334	80	1	0	23.26
CP-OFDM 64QAM	3500.01	633334	80	1	216	23.59
CP-OFDM 64QAM	3500.01	633334	80	109	54	22.84
CP-OFDM 64QAM	3500.01	633334	80	217	0	22.09
CP-OFDM 256QAM	3500.01	633334	80	1	0	22.42
CP-OFDM 256QAM	3500.01	633334	80	1	216	23.35
CP-OFDM 256QAM	3500.01	633334	80	109	54	23.67
CP-OFDM 256QAM	3500.01	633334	80	217	0	22.93
DFT-s-OFDM PI/2 BPSK	3510	634000	80	1	0	22.38
DFT-s-OFDM PI/2 BPSK	3510	634000	80	1	216	23.31
DFT-s-OFDM PI/2 BPSK	3510	634000	80	108	54	23.17
DFT-s-OFDM PI/2 BPSK	3510	634000	80	216	0	22.42
DFT-s-OFDM QPSK	3510	634000	80	1	0	23.07
DFT-s-OFDM QPSK	3510	634000	80	1	216	22.32
DFT-s-OFDM QPSK	3510	634000	80	108	54	23.26
DFT-s-OFDM QPSK	3510	634000	80	216	0	22.51
DFT-s-OFDM 16QAM	3510	634000	80	1	0	23.16
DFT-s-OFDM 16QAM	3510	634000	80	1	216	22.41
DFT-s-OFDM 16QAM	3510	634000	80	108	54	23.34
DFT-s-OFDM 16QAM	3510	634000	80	216	0	22.59
DFT-s-OFDM 64QAM	3510	634000	80	1	0	23.52
DFT-s-OFDM 64QAM	3510	634000	80	1	216	22.78
DFT-s-OFDM 64QAM	3510	634000	80	108	54	23.43
DFT-s-OFDM 64QAM	3510	634000	80	216	0	22.68
DFT-s-OFDM 256QAM	3510	634000	80	1	0	23.61
DFT-s-OFDM 256QAM	3510	634000	80	1	216	22.86
DFT-s-OFDM 256QAM	3510	634000	80	108	54	22.11
DFT-s-OFDM 256QAM	3510	634000	80	216	0	23.04
CP-OFDM QPSK	3510	634000	80	1	0	23.10

CP-OFDM QPSK	3510	634000	80	1	216	22.95
CP-OFDM QPSK	3510	634000	80	109	54	22.20
CP-OFDM QPSK	3510	634000	80	217	0	23.13
CP-OFDM 16QAM	3510	634000	80	1	0	22.38
CP-OFDM 16QAM	3510	634000	80	1	216	22.44
CP-OFDM 16QAM	3510	634000	80	109	54	22.29
CP-OFDM 16QAM	3510	634000	80	217	0	23.22
CP-OFDM 64QAM	3510	634000	80	1	0	22.47
CP-OFDM 64QAM	3510	634000	80	1	216	23.40
CP-OFDM 64QAM	3510	634000	80	109	54	22.38
CP-OFDM 64QAM	3510	634000	80	217	0	23.31
CP-OFDM 256QAM	3510	634000	80	1	0	22.56
CP-OFDM 256QAM	3510	634000	80	1	216	23.49
CP-OFDM 256QAM	3510	634000	80	109	54	22.74
CP-OFDM 256QAM	3510	634000	80	217	0	22.79

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3495	633000	90	1	0	22.01
DFT-s-OFDM PI/2 BPSK	3495	633000	90	1	244	23.22
DFT-s-OFDM PI/2 BPSK	3495	633000	90	120	60	22.47
DFT-s-OFDM PI/2 BPSK	3495	633000	90	243	0	22.80
DFT-s-OFDM QPSK	3495	633000	90	1	0	23.12
DFT-s-OFDM QPSK	3495	633000	90	1	244	23.45
DFT-s-OFDM QPSK	3495	633000	90	120	60	22.98
DFT-s-OFDM QPSK	3495	633000	90	243	0	23.31
DFT-s-OFDM 16QAM	3495	633000	90	1	0	23.63
DFT-s-OFDM 16QAM	3495	633000	90	1	244	22.28
DFT-s-OFDM 16QAM	3495	633000	90	120	60	23.49
DFT-s-OFDM 16QAM	3495	633000	90	243	0	22.14
DFT-s-OFDM 64QAM	3495	633000	90	1	0	22.46
DFT-s-OFDM 64QAM	3495	633000	90	1	244	22.79
DFT-s-OFDM 64QAM	3495	633000	90	120	60	22.32
DFT-s-OFDM 64QAM	3495	633000	90	243	0	22.64
DFT-s-OFDM 256QAM	3495	633000	90	1	0	22.97
DFT-s-OFDM 256QAM	3495	633000	90	1	244	23.30
DFT-s-OFDM 256QAM	3495	633000	90	120	60	22.83
DFT-s-OFDM 256QAM	3495	633000	90	243	0	23.15
CP-OFDM QPSK	3495	633000	90	1	0	23.48
CP-OFDM QPSK	3495	633000	90	1	244	22.13
CP-OFDM QPSK	3495	633000	90	123	61	23.34
CP-OFDM QPSK	3495	633000	90	245	0	23.66
CP-OFDM 16QAM	3495	633000	90	1	0	22.91
CP-OFDM 16QAM	3495	633000	90	1	244	23.24
CP-OFDM 16QAM	3495	633000	90	123	61	23.57
CP-OFDM 16QAM	3495	633000	90	245	0	22.22

CP-OFDM 64QAM	3495	633000	90	1	0	23.42
CP-OFDM 64QAM	3495	633000	90	1	244	22.07
CP-OFDM 64QAM	3495	633000	90	123	61	22.40
CP-OFDM 64QAM	3495	633000	90	245	0	22.73
CP-OFDM 256QAM	3495	633000	90	1	0	22.25
CP-OFDM 256QAM	3495	633000	90	1	244	22.58
CP-OFDM 256QAM	3495	633000	90	123	61	23.51
CP-OFDM 256QAM	3495	633000	90	245	0	22.16
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	1	0	22.83
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	1	244	23.16
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	120	60	22.41
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	243	0	23.34
DFT-s-OFDM QPSK	3500.01	633334	90	1	0	23.67
DFT-s-OFDM QPSK	3500.01	633334	90	1	244	22.92
DFT-s-OFDM QPSK	3500.01	633334	90	120	60	22.45
DFT-s-OFDM QPSK	3500.01	633334	90	243	0	22.50
DFT-s-OFDM 16QAM	3500.01	633334	90	1	0	22.02
DFT-s-OFDM 16QAM	3500.01	633334	90	1	244	22.35
DFT-s-OFDM 16QAM	3500.01	633334	90	120	60	23.28
DFT-s-OFDM 16QAM	3500.01	633334	90	243	0	22.53
DFT-s-OFDM 64QAM	3500.01	633334	90	1	0	22.86
DFT-s-OFDM 64QAM	3500.01	633334	90	1	244	22.11
DFT-s-OFDM 64QAM	3500.01	633334	90	120	60	22.44
DFT-s-OFDM 64QAM	3500.01	633334	90	243	0	23.37
DFT-s-OFDM 256QAM	3500.01	633334	90	1	0	22.02
DFT-s-OFDM 256QAM	3500.01	633334	90	1	244	22.95
DFT-s-OFDM 256QAM	3500.01	633334	90	120	60	23.28
DFT-s-OFDM 256QAM	3500.01	633334	90	243	0	22.53
CP-OFDM QPSK	3500.01	633334	90	1	0	22.86
CP-OFDM QPSK	3500.01	633334	90	1	244	22.11
CP-OFDM QPSK	3500.01	633334	90	123	61	23.04
CP-OFDM QPSK	3500.01	633334	90	245	0	22.29
CP-OFDM 16QAM	3500.01	633334	90	1	0	22.62
CP-OFDM 16QAM	3500.01	633334	90	1	244	23.55
CP-OFDM 16QAM	3500.01	633334	90	123	61	22.19
CP-OFDM 16QAM	3500.01	633334	90	245	0	23.12
CP-OFDM 64QAM	3500.01	633334	90	1	0	22.38
CP-OFDM 64QAM	3500.01	633334	90	1	244	22.70
CP-OFDM 64QAM	3500.01	633334	90	123	61	23.63
CP-OFDM 64QAM	3500.01	633334	90	245	0	23.16
CP-OFDM 256QAM	3500.01	633334	90	1	0	23.21
CP-OFDM 256QAM	3500.01	633334	90	1	244	22.46
CP-OFDM 256QAM	3500.01	633334	90	123	61	23.39
CP-OFDM 256QAM	3500.01	633334	90	245	0	22.04
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	1	0	22.34
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	1	244	22.19

DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	120	60	23.12
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	243	0	22.37
DFT-s-OFDM QPSK	3504.99	633666	90	1	0	23.30
DFT-s-OFDM QPSK	3504.99	633666	90	1	244	22.28
DFT-s-OFDM QPSK	3504.99	633666	90	120	60	23.21
DFT-s-OFDM QPSK	3504.99	633666	90	243	0	22.46
DFT-s-OFDM 16QAM	3504.99	633666	90	1	0	23.12
DFT-s-OFDM 16QAM	3504.99	633666	90	1	244	22.37
DFT-s-OFDM 16QAM	3504.99	633666	90	120	60	23.30
DFT-s-OFDM 16QAM	3504.99	633666	90	243	0	22.55
DFT-s-OFDM 64QAM	3504.99	633666	90	1	0	23.20
DFT-s-OFDM 64QAM	3504.99	633666	90	1	244	22.45
DFT-s-OFDM 64QAM	3504.99	633666	90	120	60	23.66
DFT-s-OFDM 64QAM	3504.99	633666	90	243	0	22.64
DFT-s-OFDM 256QAM	3504.99	633666	90	1	0	23.57
DFT-s-OFDM 256QAM	3504.99	633666	90	1	244	22.82
DFT-s-OFDM 256QAM	3504.99	633666	90	120	60	22.07
DFT-s-OFDM 256QAM	3504.99	633666	90	243	0	22.72
CP-OFDM QPSK	3504.99	633666	90	1	0	23.65
CP-OFDM QPSK	3504.99	633666	90	1	244	22.91
CP-OFDM QPSK	3504.99	633666	90	123	61	22.16
CP-OFDM QPSK	3504.99	633666	90	245	0	23.09
CP-OFDM 16QAM	3504.99	633666	90	1	0	22.34
CP-OFDM 16QAM	3504.99	633666	90	1	244	22.39
CP-OFDM 16QAM	3504.99	633666	90	123	61	22.24
CP-OFDM 16QAM	3504.99	633666	90	245	0	23.17
CP-OFDM 64QAM	3504.99	633666	90	1	0	22.43
CP-OFDM 64QAM	3504.99	633666	90	1	244	23.08
CP-OFDM 64QAM	3504.99	633666	90	123	61	22.33
CP-OFDM 64QAM	3504.99	633666	90	245	0	23.26
CP-OFDM 256QAM	3504.99	633666	90	1	0	22.51
CP-OFDM 256QAM	3504.99	633666	90	1	244	23.17
CP-OFDM 256QAM	3504.99	633666	90	123	61	22.69
CP-OFDM 256QAM	3504.99	633666	90	245	0	23.35

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	22.36
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	272	22.69
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	22.22
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	22.55
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	22.83
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	272	23.15
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	22.40
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	22.73
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	22.57

DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	272	23.22
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	22.47
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	23.40
DFT-s-OFDM QPSK	3500.01	633334	100	1	0	22.87
DFT-s-OFDM QPSK	3500.01	633334	100	1	272	23.20
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	22.73
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	23.05
DFT-s-OFDM QPSK	3500.01	633334	100	1	0	23.66
DFT-s-OFDM QPSK	3500.01	633334	100	1	272	22.91
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	22.16
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	23.10
DFT-s-OFDM QPSK	3500.01	633334	100	1	0	23.26
DFT-s-OFDM QPSK	3500.01	633334	100	1	272	23.31
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	22.56
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	23.49
DFT-s-OFDM 16QAM	3500.01	633334	100	1	0	23.38
DFT-s-OFDM 16QAM	3500.01	633334	100	1	272	22.63
DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	22.96
DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	23.29
DFT-s-OFDM 64QAM	3500.01	633334	100	1	0	22.81
DFT-s-OFDM 64QAM	3500.01	633334	100	1	272	23.14
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	23.47
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	22.72
DFT-s-OFDM 256QAM	3500.01	633334	100	1	0	23.32
DFT-s-OFDM 256QAM	3500.01	633334	100	1	272	22.57
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	22.90
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	23.23
CP-OFDM QPSK	3500.01	633334	100	1	0	23.56
CP-OFDM QPSK	3500.01	633334	100	1	272	23.08
CP-OFDM QPSK	3500.01	633334	100	137	68	23.41
CP-OFDM QPSK	3500.01	633334	100	273	0	22.06
CP-OFDM 16QAM	3500.01	633334	100	1	0	22.99
CP-OFDM 16QAM	3500.01	633334	100	1	272	23.59
CP-OFDM 16QAM	3500.01	633334	100	137	68	23.65
CP-OFDM 16QAM	3500.01	633334	100	273	0	23.17
CP-OFDM 64QAM	3500.01	633334	100	1	0	23.50
CP-OFDM 64QAM	3500.01	633334	100	1	272	22.15
CP-OFDM 64QAM	3500.01	633334	100	137	68	22.48
CP-OFDM 64QAM	3500.01	633334	100	273	0	23.68
CP-OFDM 256QAM	3500.01	633334	100	1	0	22.33
CP-OFDM 256QAM	3500.01	633334	100	1	272	23.26
CP-OFDM 256QAM	3500.01	633334	100	137	68	23.59
CP-OFDM 256QAM	3500.01	633334	100	273	0	22.24
DFT-s-OFDM 16QAM	3500.01	633334	100	1	0	23.42
DFT-s-OFDM 16QAM	3500.01	633334	100	1	272	22.67
DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	23.00

DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	22.25
DFT-s-OFDM 64QAM	3500.01	633334	100	1	0	22.58
DFT-s-OFDM 64QAM	3500.01	633334	100	1	272	23.51
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	22.76
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	23.09
DFT-s-OFDM 256QAM	3500.01	633334	100	1	0	22.34
DFT-s-OFDM 256QAM	3500.01	633334	100	1	272	23.27
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	23.60
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	22.85
CP-OFDM QPSK	3500.01	633334	100	1	0	22.10
CP-OFDM QPSK	3500.01	633334	100	1	272	22.43
CP-OFDM QPSK	3500.01	633334	100	137	68	23.36
CP-OFDM QPSK	3500.01	633334	100	273	0	22.01
CP-OFDM 16QAM	3500.01	633334	100	1	0	22.94
CP-OFDM 16QAM	3500.01	633334	100	1	272	22.19
CP-OFDM 16QAM	3500.01	633334	100	137	68	23.12
CP-OFDM 16QAM	3500.01	633334	100	273	0	23.45
CP-OFDM 64QAM	3500.01	633334	100	1	0	22.70
CP-OFDM 64QAM	3500.01	633334	100	1	272	23.63
CP-OFDM 64QAM	3500.01	633334	100	137	68	22.28
CP-OFDM 64QAM	3500.01	633334	100	273	0	23.21
CP-OFDM 256QAM	3500.01	633334	100	1	0	23.54
CP-OFDM 256QAM	3500.01	633334	100	1	272	22.79
CP-OFDM 256QAM	3500.01	633334	100	137	68	23.11
CP-OFDM 256QAM	3500.01	633334	100	273	0	22.36
DFT-s-OFDM 16QAM	3500.01	633334	100	1	0	23.35
DFT-s-OFDM 16QAM	3500.01	633334	100	1	272	22.60
DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	22.65
DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	23.58
DFT-s-OFDM 64QAM	3500.01	633334	100	1	0	23.43
DFT-s-OFDM 64QAM	3500.01	633334	100	1	272	22.68
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	23.61
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	22.59
DFT-s-OFDM 256QAM	3500.01	633334	100	1	0	23.52
DFT-s-OFDM 256QAM	3500.01	633334	100	1	272	22.77
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	22.02
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	22.95
CP-OFDM QPSK	3500.01	633334	100	1	0	23.01
CP-OFDM QPSK	3500.01	633334	100	1	272	22.26
CP-OFDM QPSK	3500.01	633334	100	137	68	22.11
CP-OFDM QPSK	3500.01	633334	100	273	0	23.04
CP-OFDM 16QAM	3500.01	633334	100	1	0	22.29
CP-OFDM 16QAM	3500.01	633334	100	1	272	22.95
CP-OFDM 16QAM	3500.01	633334	100	137	68	22.20
CP-OFDM 16QAM	3500.01	633334	100	273	0	23.13
CP-OFDM 64QAM	3500.01	633334	100	1	0	22.10

CP-OFDM 64QAM	3500.01	633334	100	1	272	23.04
CP-OFDM 64QAM	3500.01	633334	100	137	68	22.29
CP-OFDM 64QAM	3500.01	633334	100	273	0	23.22
CP-OFDM 256QAM	3500.01	633334	100	1	0	22.19
CP-OFDM 256QAM	3500.01	633334	100	1	272	22.05
CP-OFDM 256QAM	3500.01	633334	100	137	68	22.98
CP-OFDM 256QAM	3500.01	633334	100	273	0	23.63

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	3455.01	630334	10	24	0	8.490	Fig.1
CP-OFDM QPSK	3500.01	633334	10	24	0	8.570	Fig.2
CP-OFDM QPSK	3544.98	636332	10	24	0	8.550	Fig.3
CP-OFDM QPSK	3457.5	630500	15	38	0	13.550	Fig.4
CP-OFDM QPSK	3500.01	633334	15	38	0	13.550	Fig.5
CP-OFDM QPSK	3542.49	636166	15	38	0	13.580	Fig.6
CP-OFDM QPSK	3460.02	630668	20	51	0	18.110	Fig.7
CP-OFDM QPSK	3500.01	633334	20	51	0	18.210	Fig.8
CP-OFDM QPSK	3540	636000	20	51	0	18.150	Fig.9
CP-OFDM QPSK	3465	631000	30	78	0	27.810	Fig.10
CP-OFDM QPSK	3500.01	633334	30	78	0	28.240	Fig.11
CP-OFDM QPSK	3534.99	635666	30	78	0	27.750	Fig.12
CP-OFDM QPSK	3470.01	631334	40	106	0	37.610	Fig.13
CP-OFDM QPSK	3500.01	633334	40	106	0	38.080	Fig.14
CP-OFDM QPSK	3529.98	635332	40	106	0	37.840	Fig.15
CP-OFDM QPSK	3475.02	631668	50	133	0	47.480	Fig.16
CP-OFDM QPSK	3500.01	633334	50	133	0	47.550	Fig.17
CP-OFDM QPSK	3525	635000	50	133	0	47.500	Fig.18
CP-OFDM QPSK	3480	632000	60	162	0	57.550	Fig.19
CP-OFDM QPSK	3500.01	633334	60	162	0	58.090	Fig.20
CP-OFDM QPSK	3519.99	634666	60	162	0	57.700	Fig.21
CP-OFDM QPSK	3485.01	632334	70	189	0	67.310	Fig.22
CP-OFDM QPSK	3500.01	633334	70	189	0	67.490	Fig.23
CP-OFDM QPSK	3514.98	634332	70	189	0	67.360	Fig.24
CP-OFDM QPSK	3490.02	632668	80	217	0	77.410	Fig.25
CP-OFDM QPSK	3500.01	633334	80	217	0	77.380	Fig.26
CP-OFDM QPSK	3510	634000	80	217	0	77.380	Fig.27
CP-OFDM QPSK	3495	633000	90	245	0	87.290	Fig.28
CP-OFDM QPSK	3500.01	633334	90	245	0	87.350	Fig.29
CP-OFDM QPSK	3504.99	633666	90	245	0	87.300	Fig.30
CP-OFDM QPSK	3500.01	633334	100	273	0	97.450	Fig.31

Test Plot:

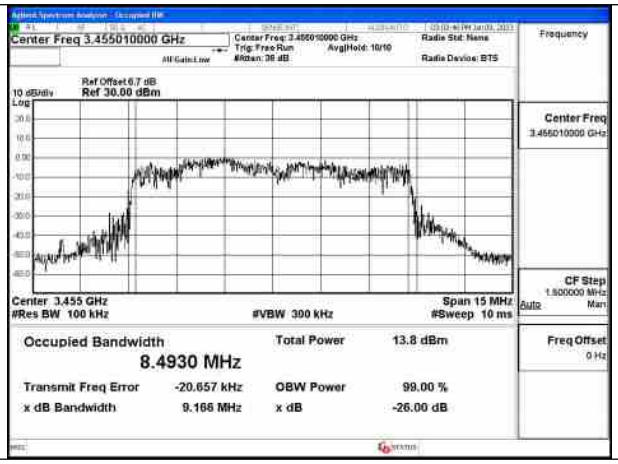
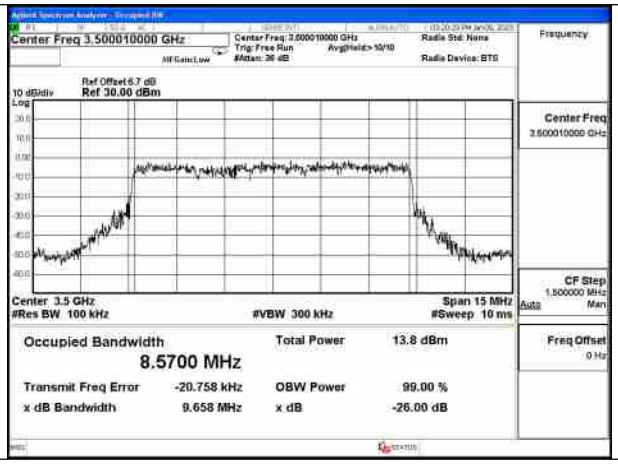


Fig.1



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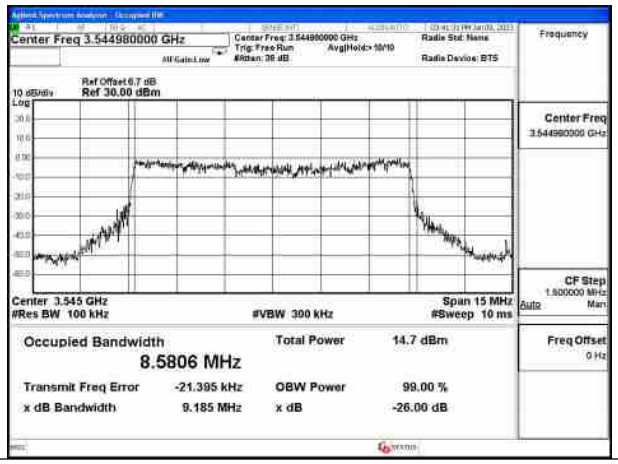

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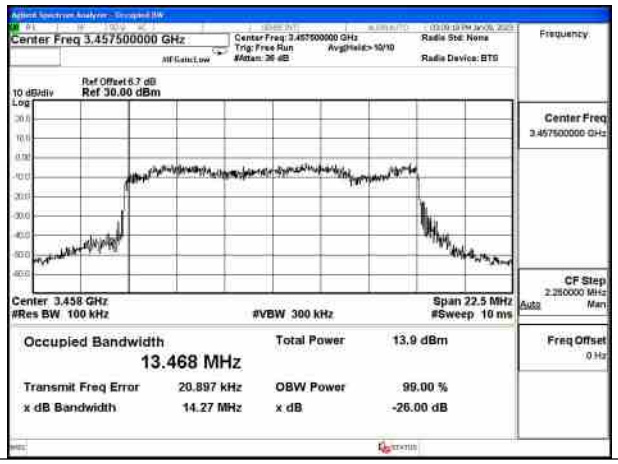


Fig.4

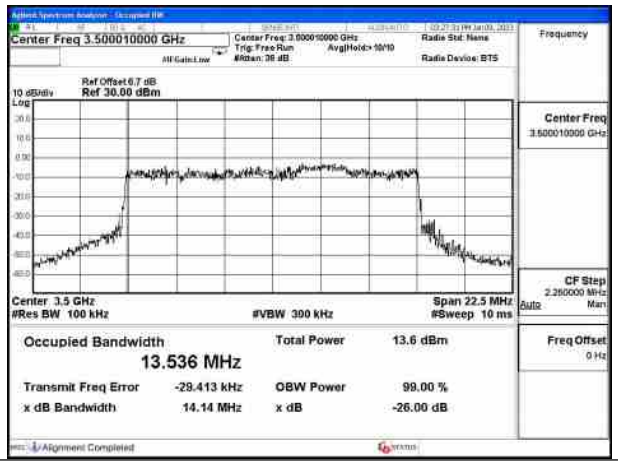


Fig.5

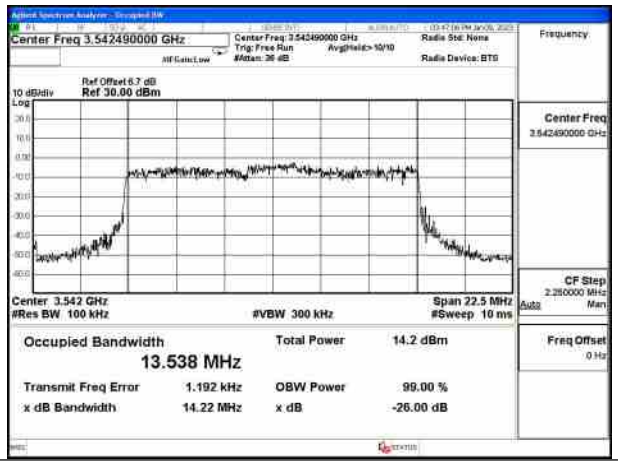


Fig.6

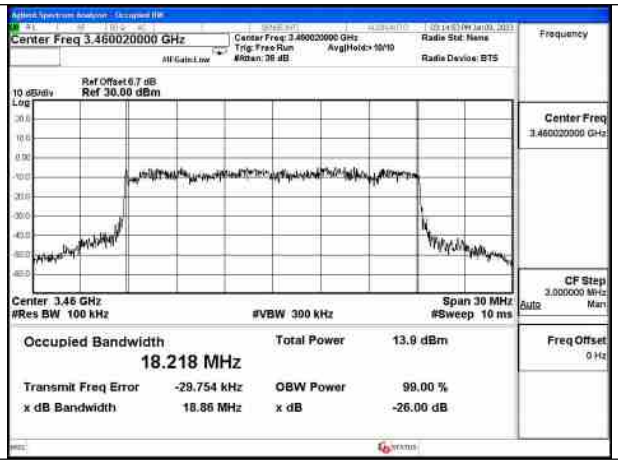
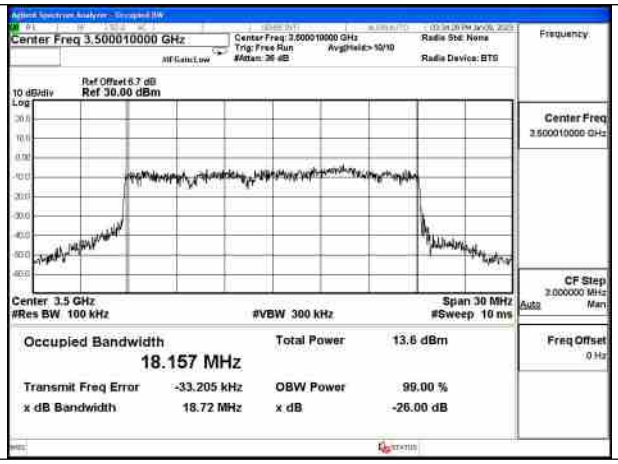


Fig.7



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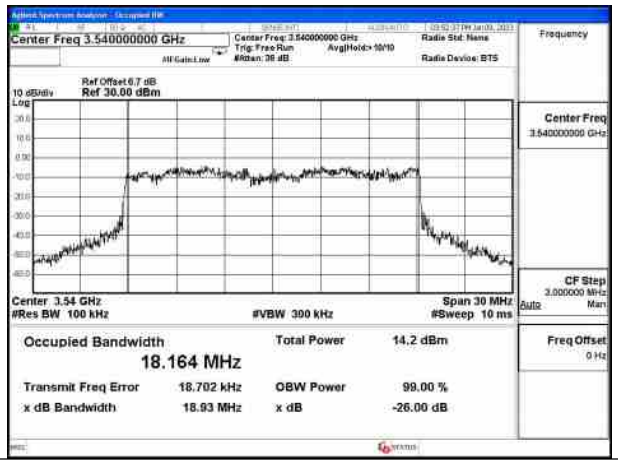
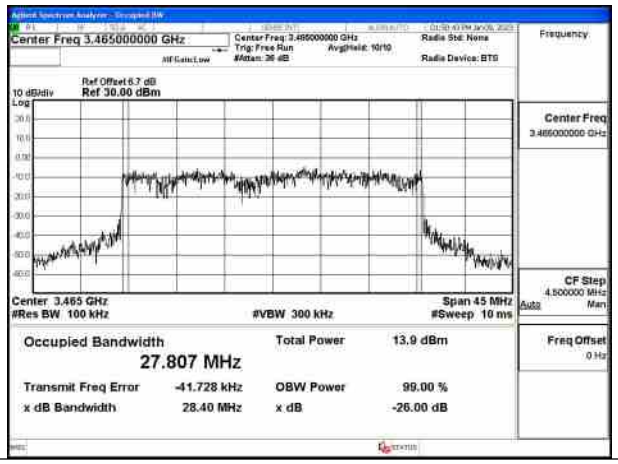


Fig.9



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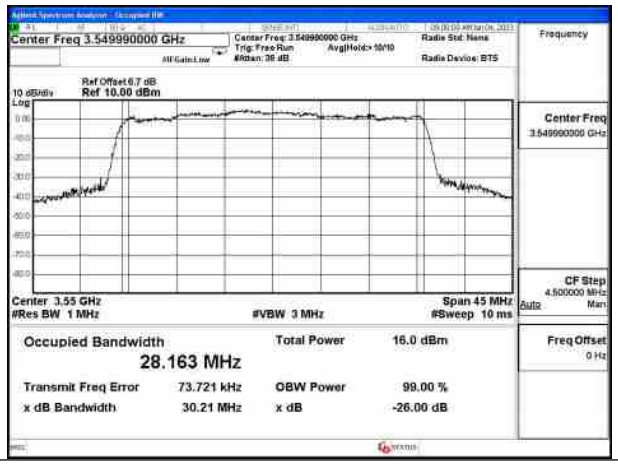


Fig.11

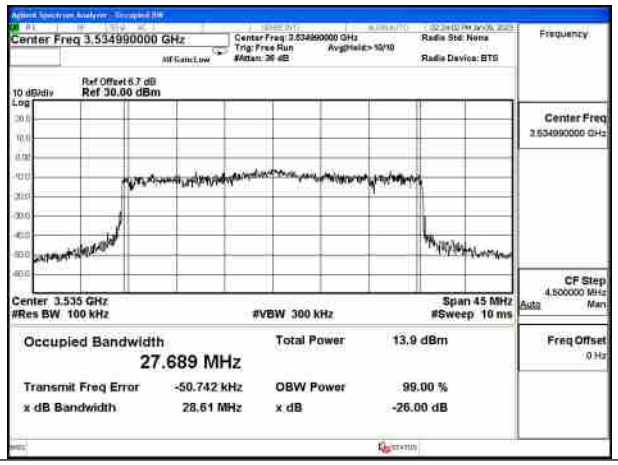
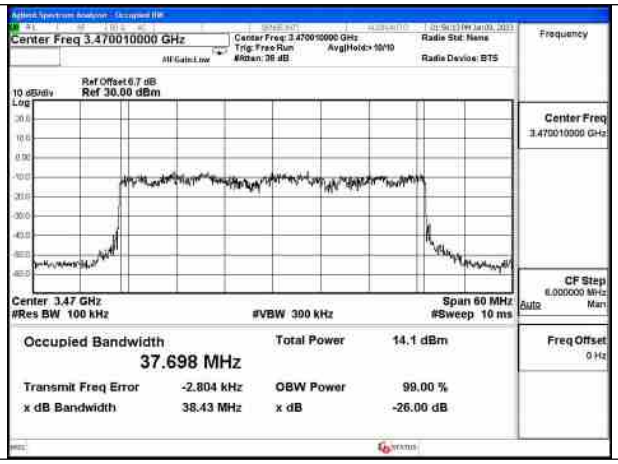


Fig.12



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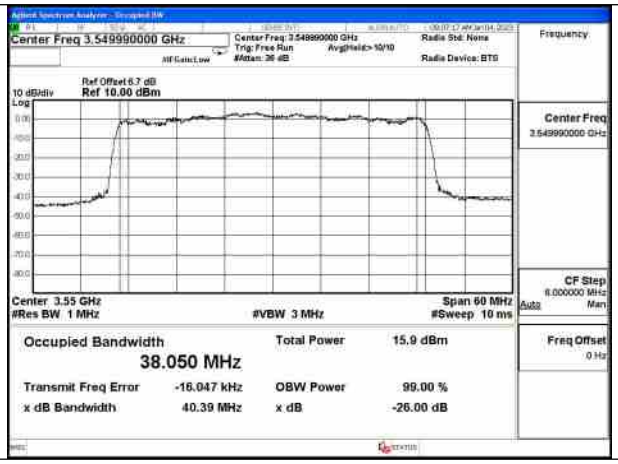


Fig.14

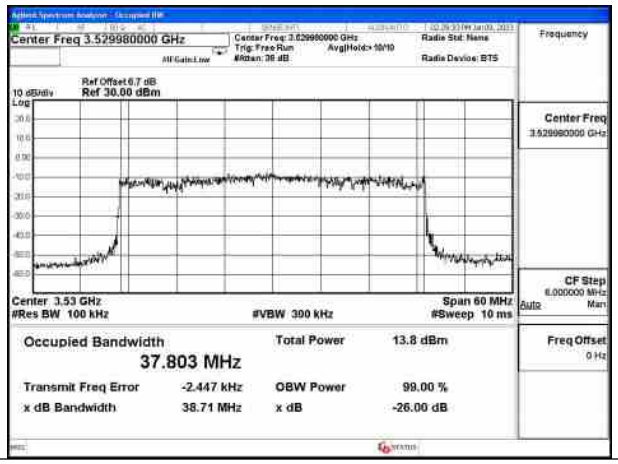


Fig.15

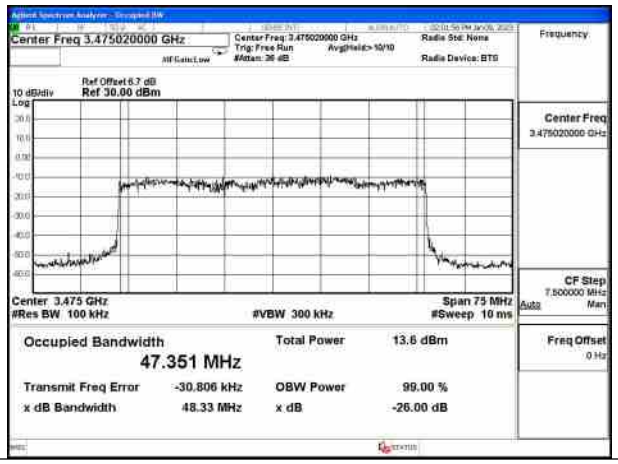
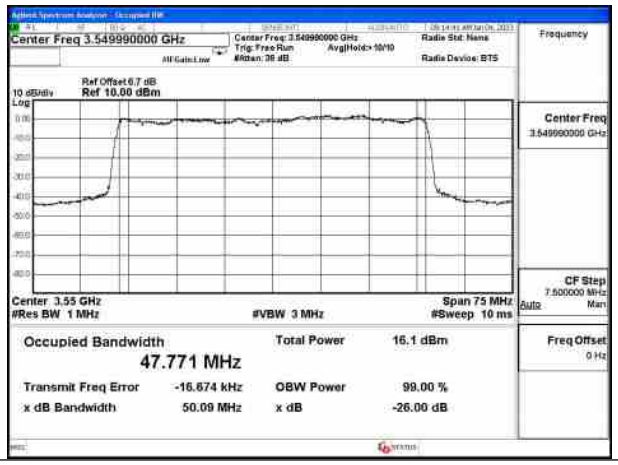


Fig.16



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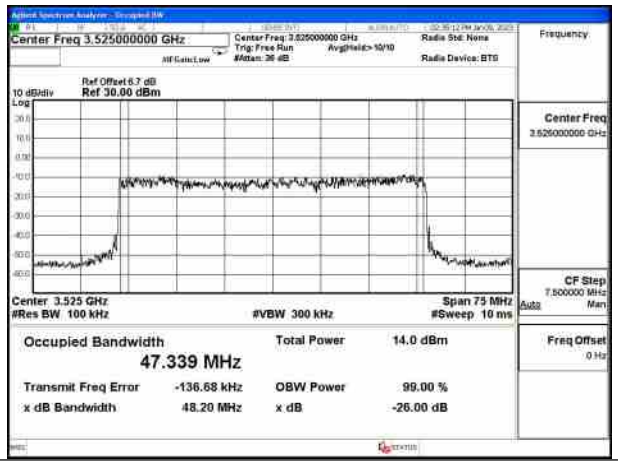


Fig.18

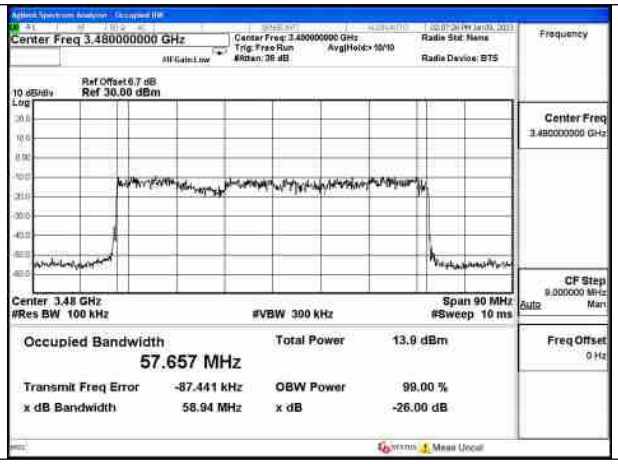


Fig.19

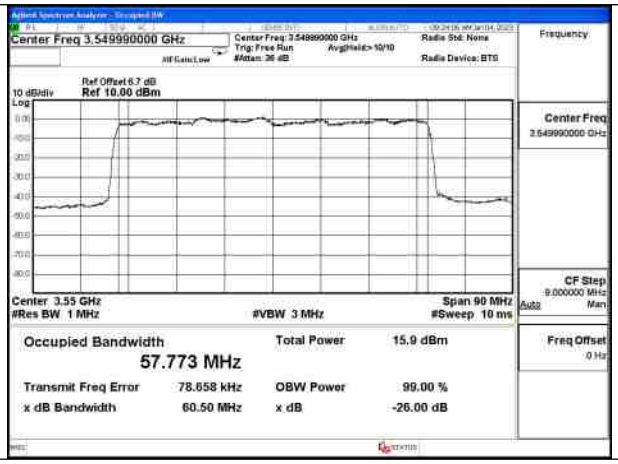


Fig.20

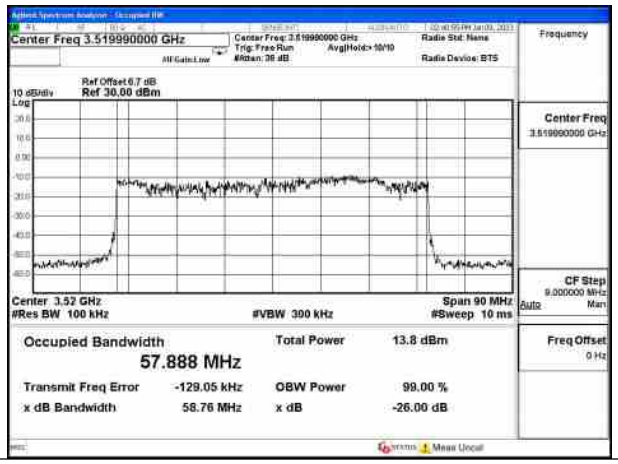


Fig.21

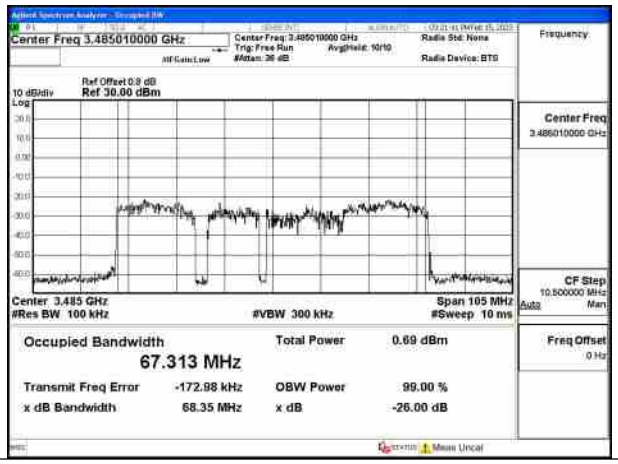


Fig.22

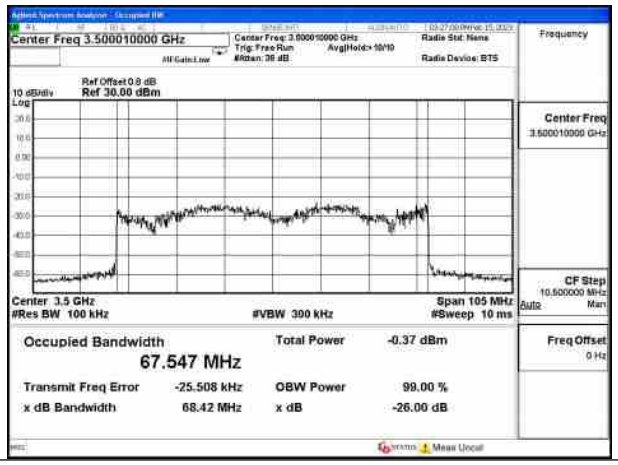


Fig.23

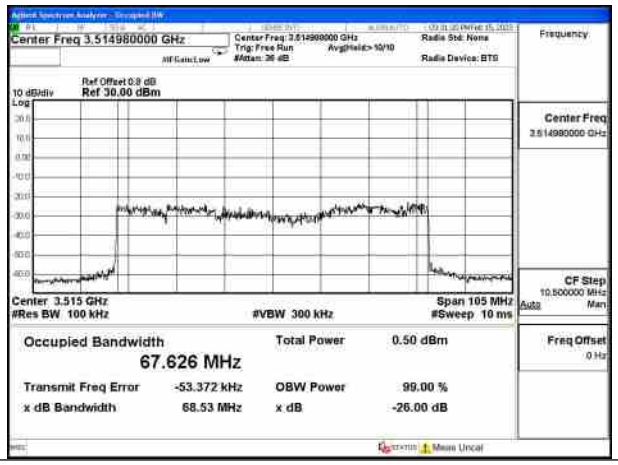


Fig.24

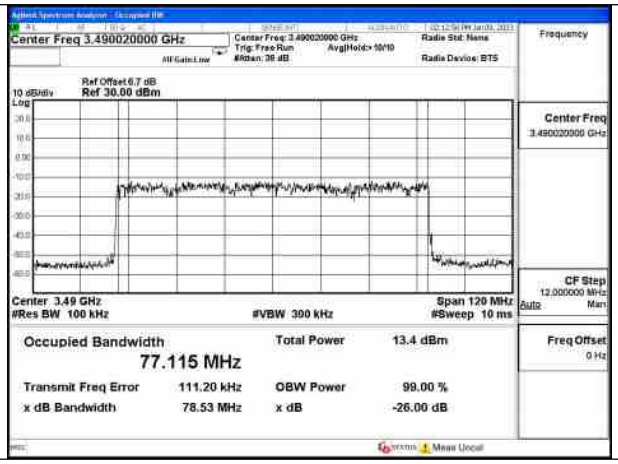


Fig.25

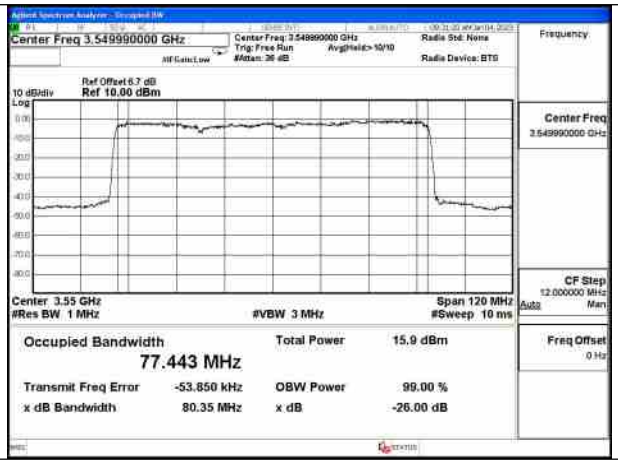


Fig.26

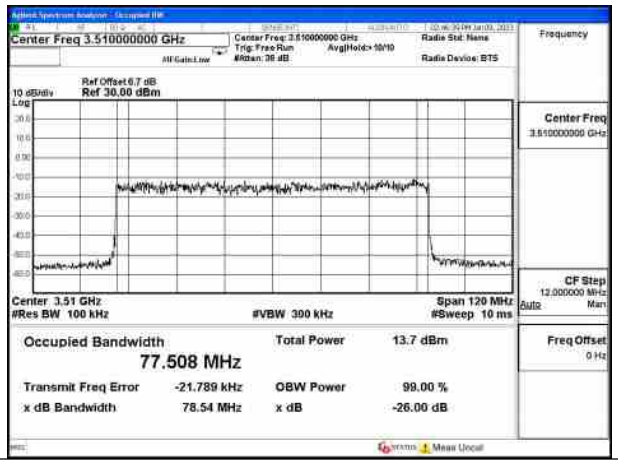


Fig.27

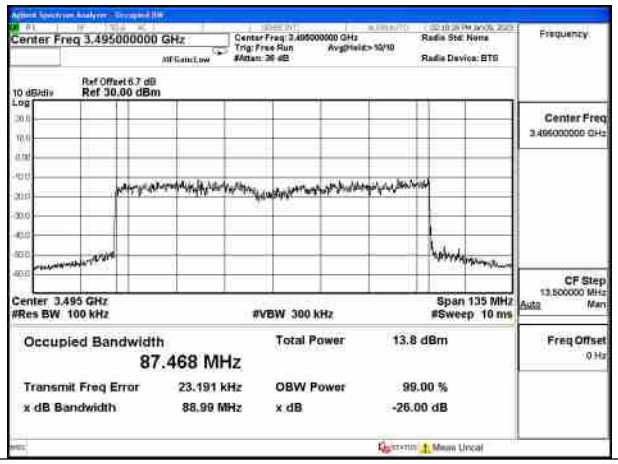


Fig.28

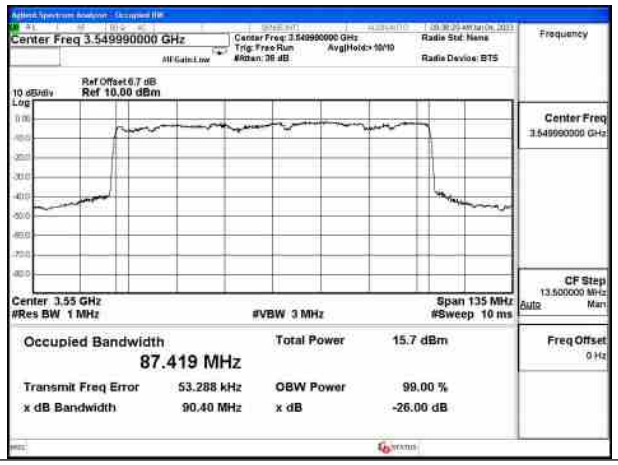


Fig.29

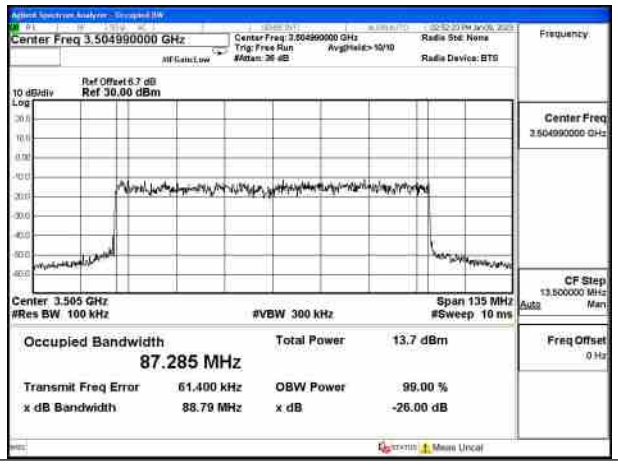


Fig.30

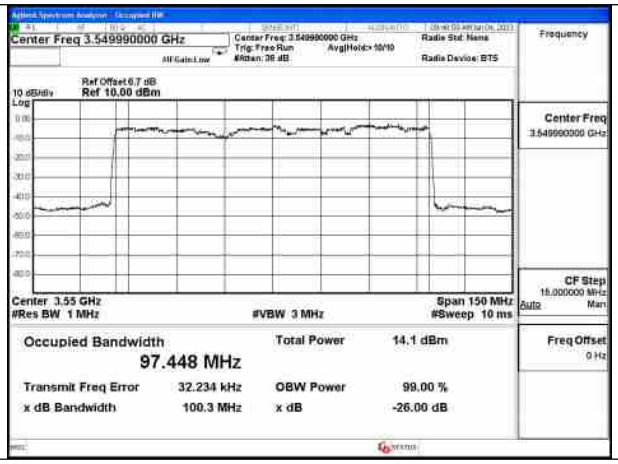

Center Freq 3.549990000 GHz
Center Freq: 3.549990000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 36 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 6.7 dB
10 dB/div
Ref 10.00 dBm
Log
Center Freq
3.549990000 GHz
CF Step
15.000000 MHz
Auto
Man
Center 3.55 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 150 MHz
#Sweep 10 ms
Occupied Bandwidth
97.448 MHz
Total Power
14.1 dBm
Freq Offset
0 Hz
Transmit Freq Error
32.234 kHz
OBW Power
99.00 %
x dB Bandwidth
100.3 MHz
x dB
-26.00 dB

Fig.31

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	3455.01	630334	10	24	0	9.170	Fig.1
CP-OFDM QPSK	3500.01	633334	10	24	0	9.470	Fig.2
CP-OFDM QPSK	3544.98	636332	10	24	0	9.400	Fig.3
CP-OFDM QPSK	3457.5	630500	15	38	0	14.190	Fig.4
CP-OFDM QPSK	3500.01	633334	15	38	0	14.170	Fig.5
CP-OFDM QPSK	3542.49	636166	15	38	0	14.150	Fig.6
CP-OFDM QPSK	3460.02	630668	20	51	0	18.780	Fig.7
CP-OFDM QPSK	3500.01	633334	20	51	0	18.970	Fig.8
CP-OFDM QPSK	3540	636000	20	51	0	18.790	Fig.9
CP-OFDM QPSK	3465	631000	30	78	0	28.400	Fig.10
CP-OFDM QPSK	3500.01	633334	30	78	0	30.290	Fig.11
CP-OFDM QPSK	3534.99	635666	30	78	0	28.560	Fig.12
CP-OFDM QPSK	3470.01	631334	40	106	0	38.660	Fig.13
CP-OFDM QPSK	3500.01	633334	40	106	0	40.390	Fig.14
CP-OFDM QPSK	3529.98	635332	40	106	0	38.770	Fig.15
CP-OFDM QPSK	3475.02	631668	50	133	0	48.330	Fig.16
CP-OFDM QPSK	3500.01	633334	50	133	0	50.050	Fig.17
CP-OFDM QPSK	3525	635000	50	133	0	48.310	Fig.18
CP-OFDM QPSK	3480	632000	60	162	0	58.680	Fig.19
CP-OFDM QPSK	3500.01	633334	60	162	0	60.480	Fig.20
CP-OFDM QPSK	3519.99	634666	60	162	0	58.810	Fig.21
CP-OFDM QPSK	3485.01	632334	70	189	0	68.350	Fig.22
CP-OFDM QPSK	3500.01	633334	70	189	0	68.420	Fig.23
CP-OFDM QPSK	3514.98	634332	70	189	0	68.490	Fig.24
CP-OFDM QPSK	3490.02	632668	80	217	0	78.530	Fig.25
CP-OFDM QPSK	3500.01	633334	80	217	0	80.380	Fig.26
CP-OFDM QPSK	3510	634000	80	217	0	78.570	Fig.27
CP-OFDM QPSK	3495	633000	90	245	0	88.660	Fig.28
CP-OFDM QPSK	3500.01	633334	90	245	0	90.360	Fig.29
CP-OFDM QPSK	3504.99	633666	90	245	0	88.670	Fig.30
CP-OFDM QPSK	3500.01	633334	100	273	0	100.310	Fig.31

Test Plot:

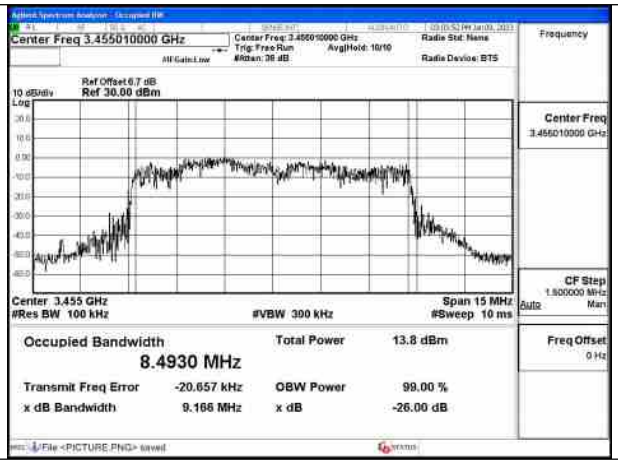


Fig.1

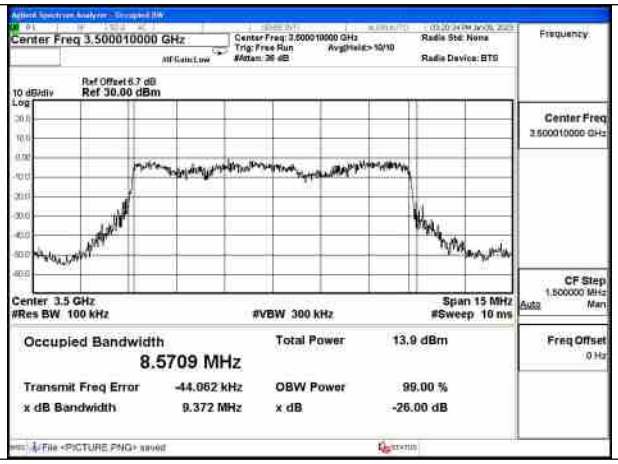


Fig.2

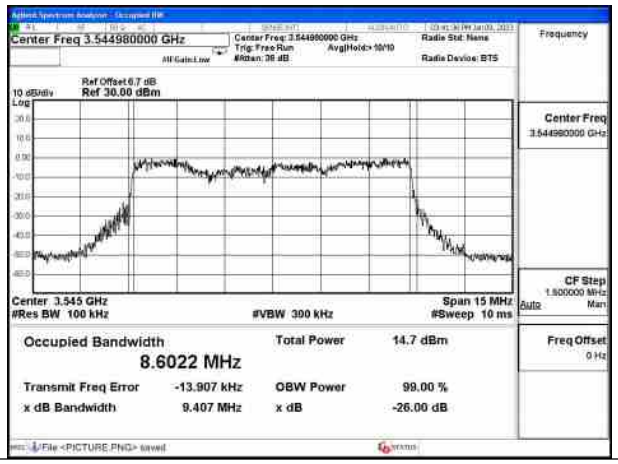


Fig.3

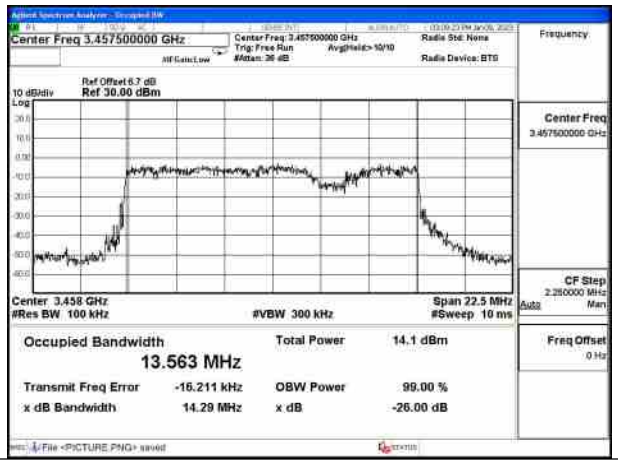


Fig.4

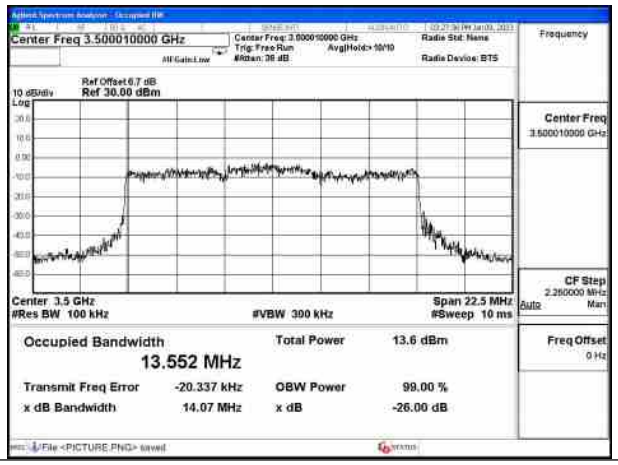


Fig.5

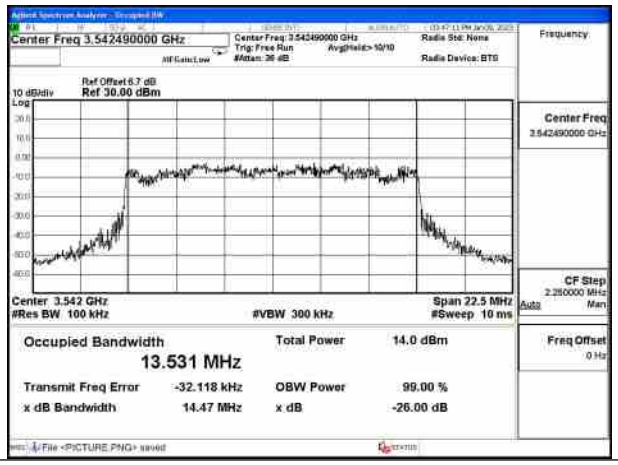


Fig.6

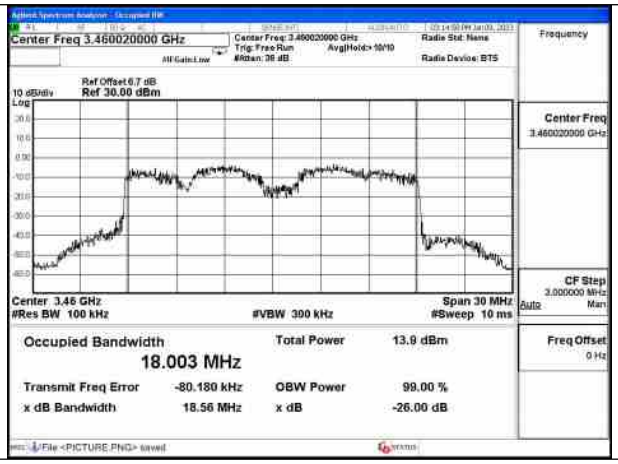


Fig.7

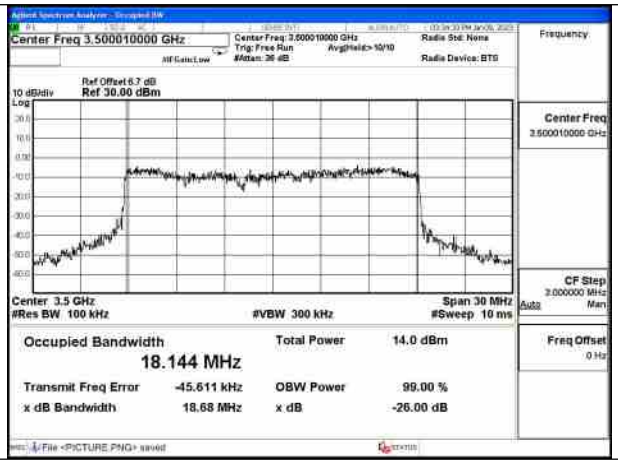


Fig.8

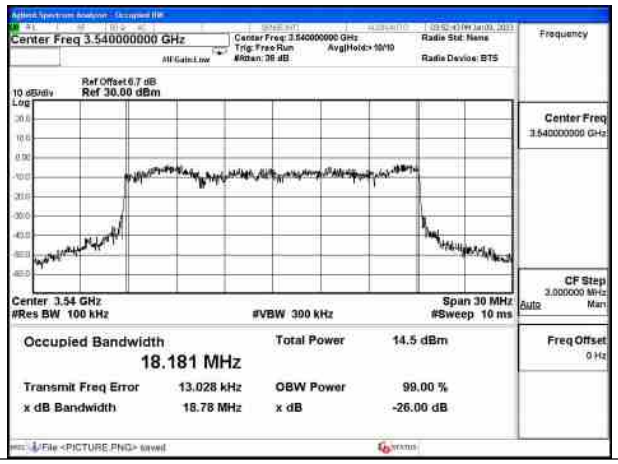


Fig.9

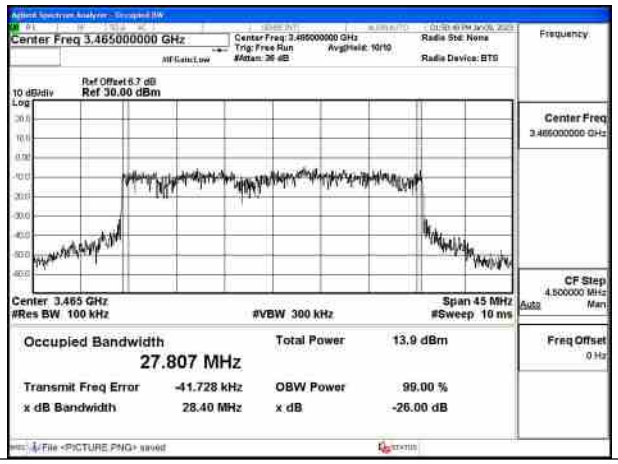


Fig.10

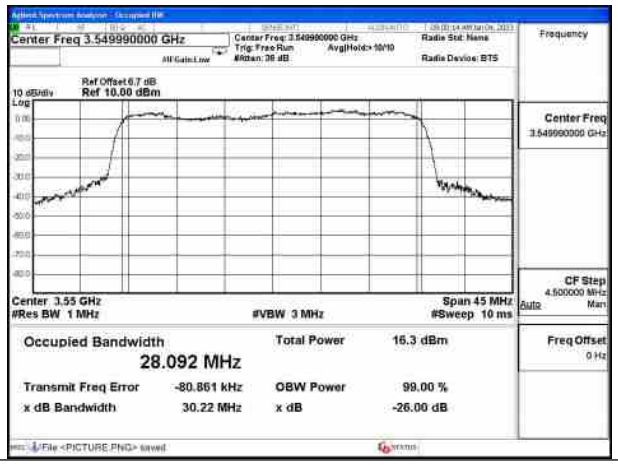


Fig.11

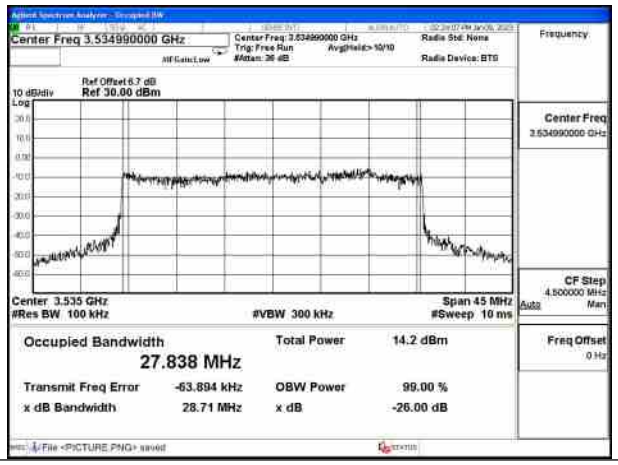


Fig.12

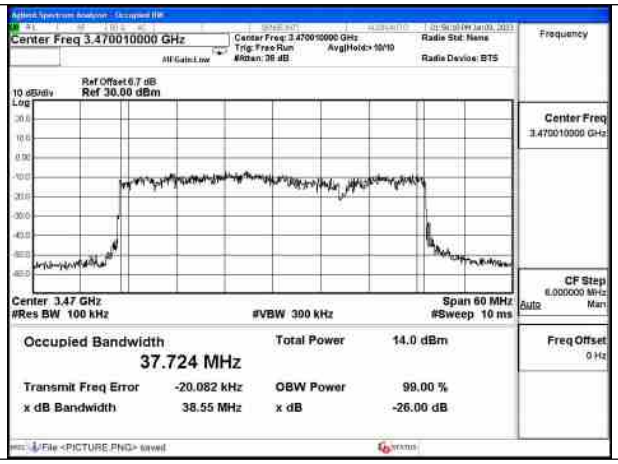


Fig.13

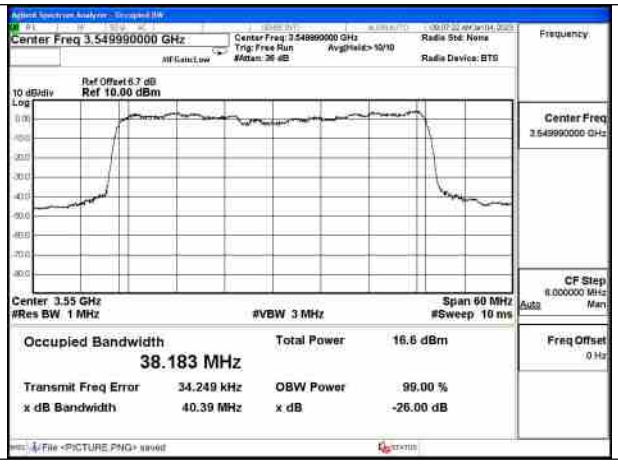


Fig.14

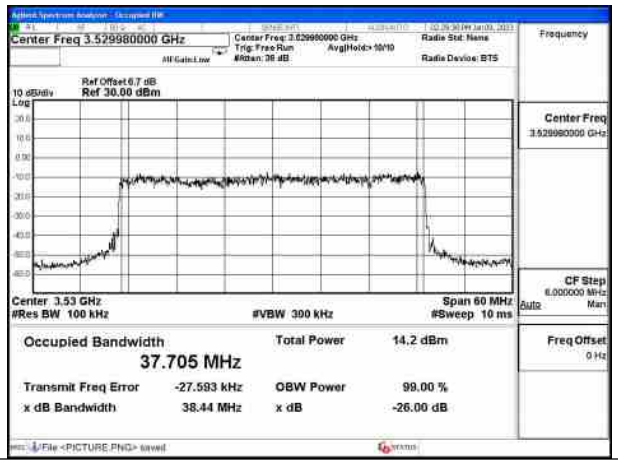


Fig.15

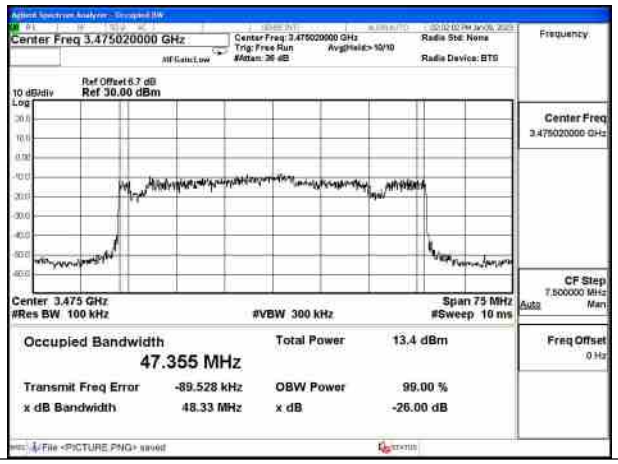


Fig.16

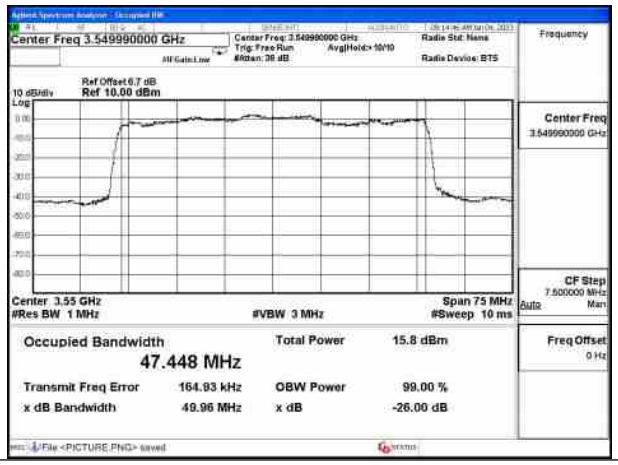


Fig.17

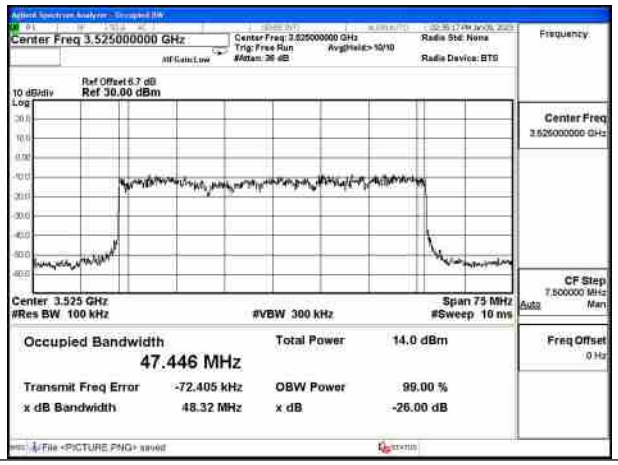


Fig.18

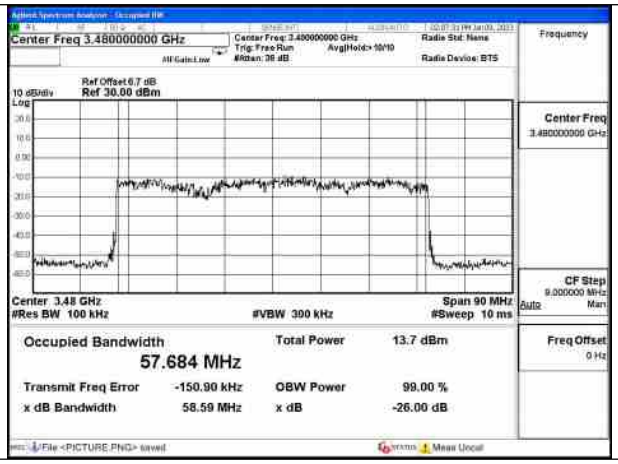


Fig.19

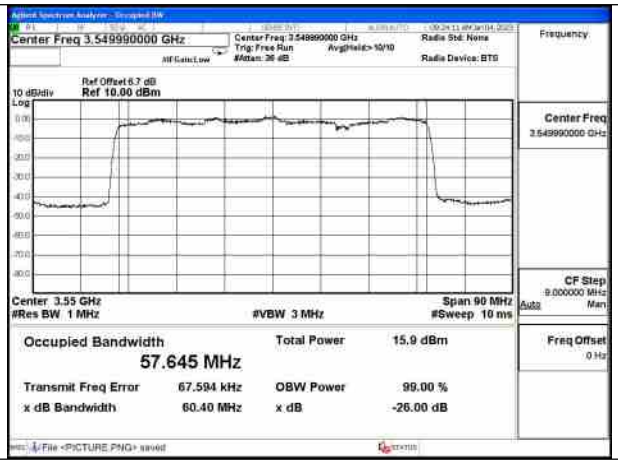


Fig.20

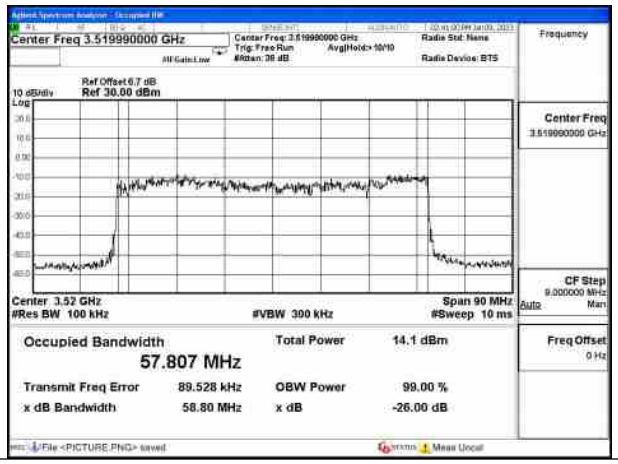


Fig.21

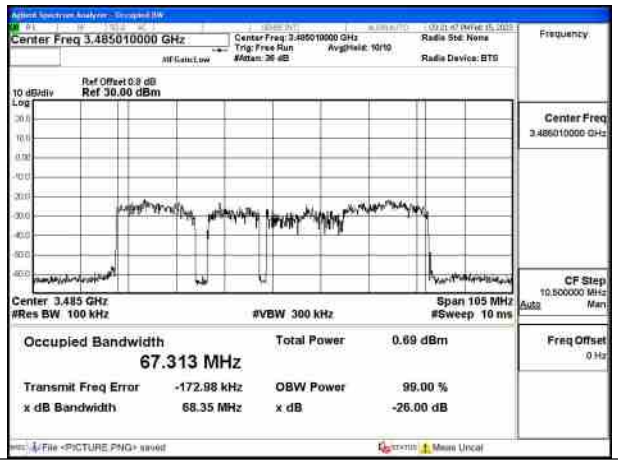


Fig.22

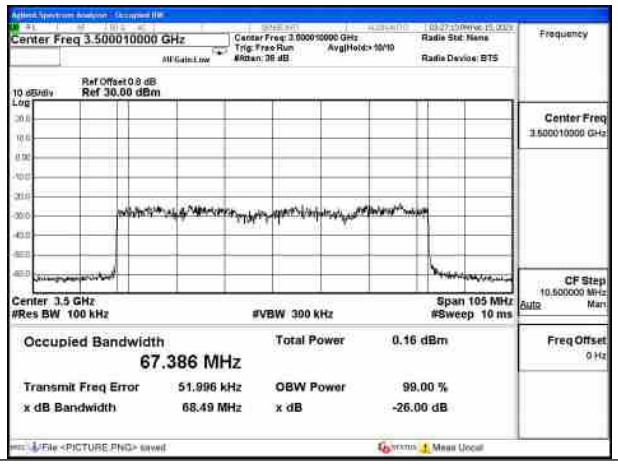


Fig.23

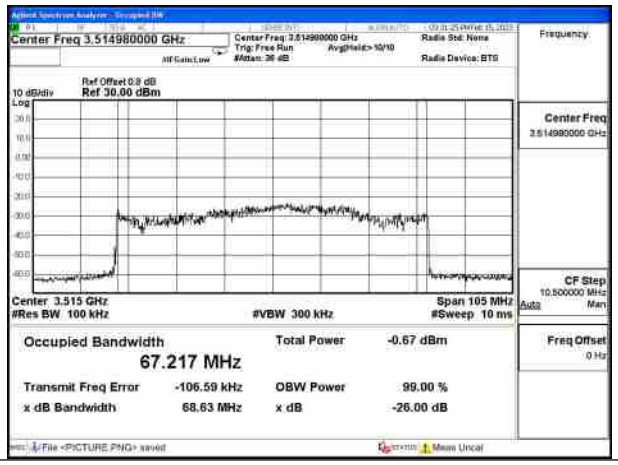


Fig.24

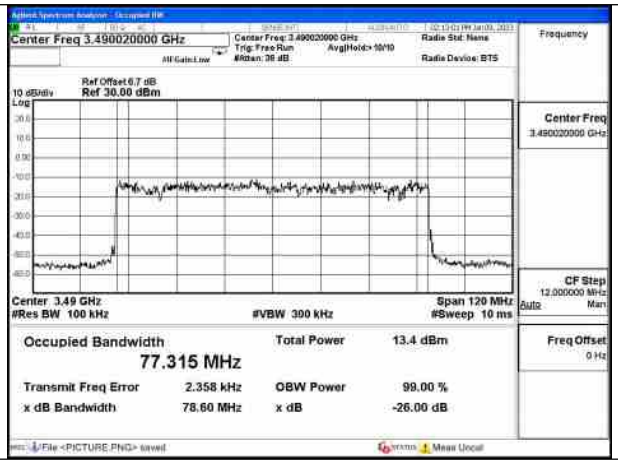


Fig.25

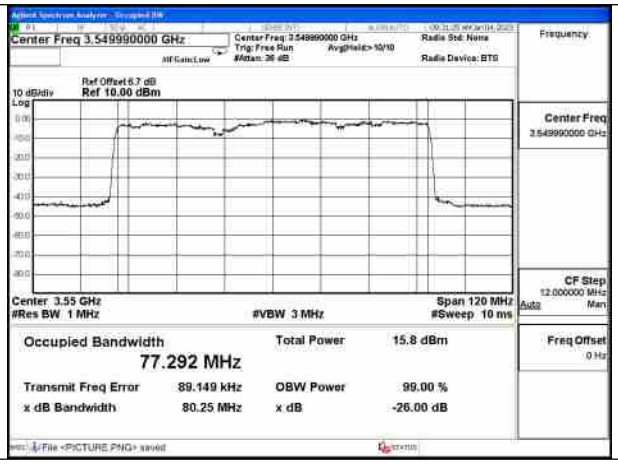


Fig.26

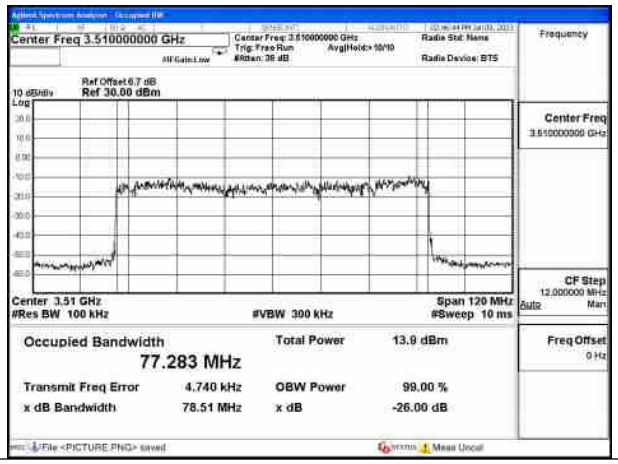


Fig.27

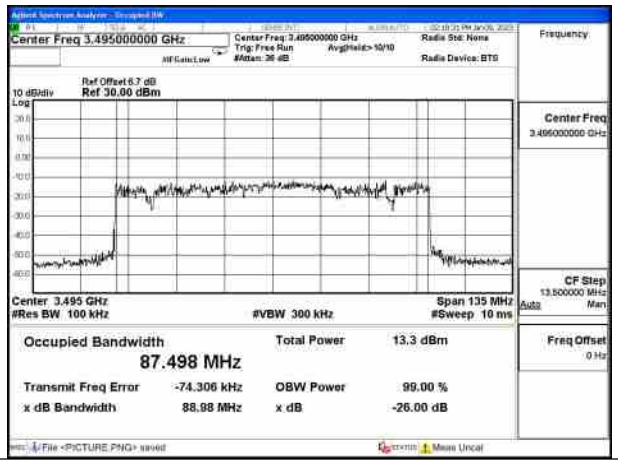


Fig.28

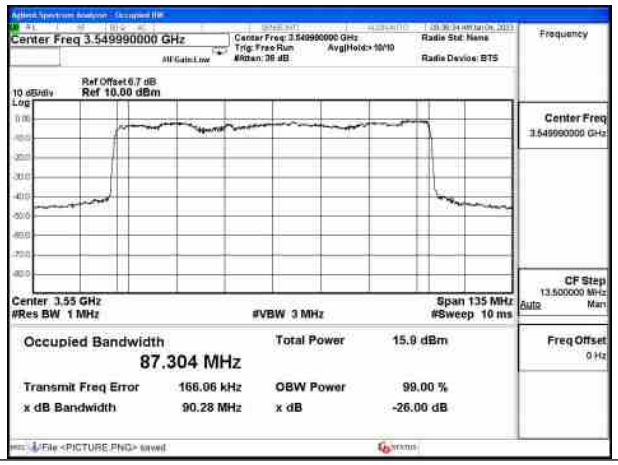


Fig.29

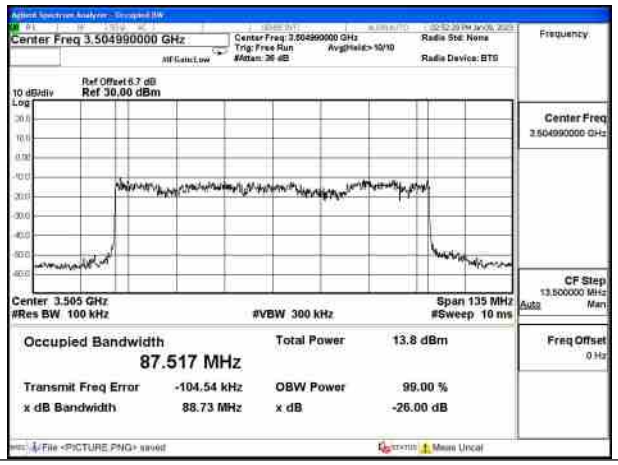


Fig.30

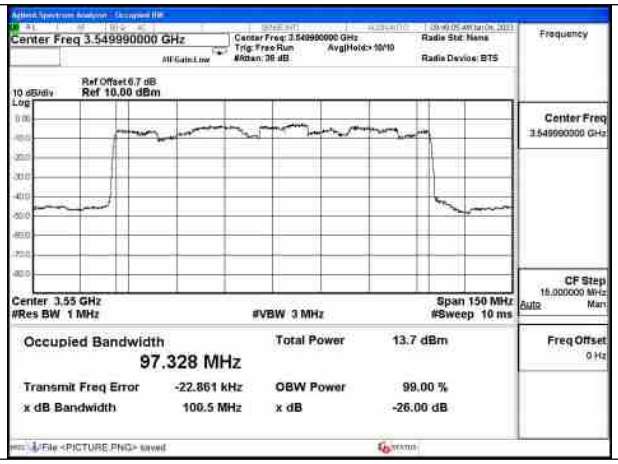

Center Freq 3.549990000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 36 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 6.7 dB
10 dB/div
Ref 10.00 dBm
Log
Center Freq
3.549990000 GHz
CF Step
15.000000 MHz
Auto
Man
Center 3.55 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 150 MHz
#Sweep 10 ms
Occupied Bandwidth
97.328 MHz
Total Power
13.7 dBm
Freq Offset
0 Hz
Transmit Freq Error
-22.861 kHz
OBW Power
99.00 %
x dB Bandwidth
100.5 MHz
x dB
-26.00 dB

Fig.31

4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	Fig.1
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	Fig.2
DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	Fig.3
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	Fig.4
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	Fig.5

Test Plot:

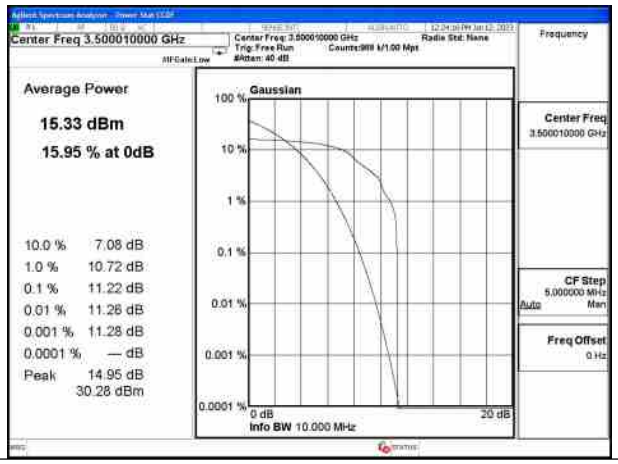


Fig.1

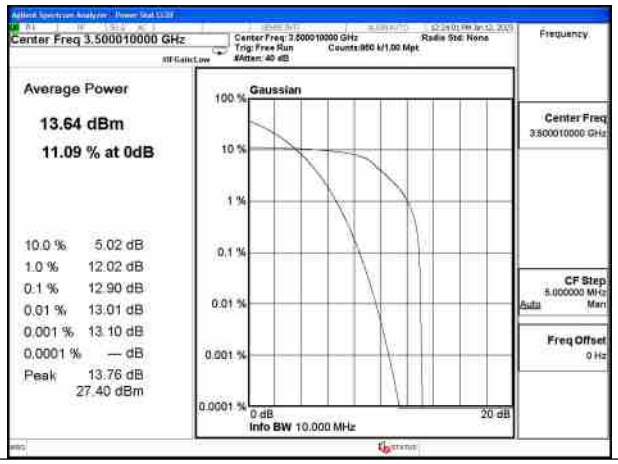


Fig.2

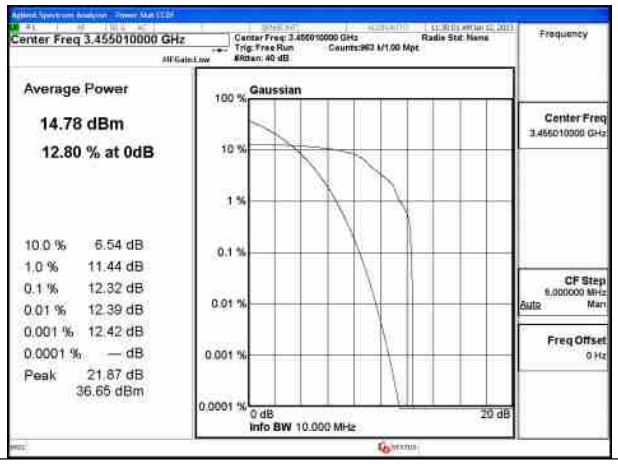


Fig.3

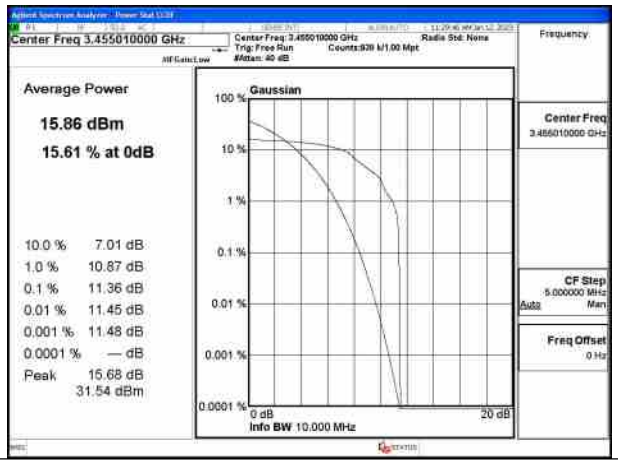


Fig.4

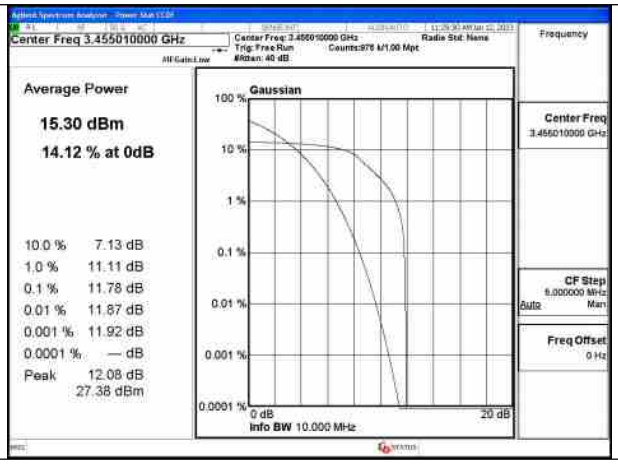

Center Freq 3.455010000 GHz
Average Power
15.30 dBm
14.12 % at 0dB
10.0 % 7.13 dB
1.0 % 11.11 dB
0.1 % 11.78 dB
0.01 % 11.87 dB
0.001 % 11.92 dB
0.0001 % — dB
Peak 12.08 dB
27.38 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 10.000 MHz
Frequency
Center Freq
3.455010000 GHz
CF Step
6.000000 MHz
Auto
Man
Freq Offset
0 Hz

Fig.5

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	3455.01	630334	10	24	0	Fig.1	Fig.2
CP-OFDM QPSK	3455.01	630334	10	1	0	Fig.3	Fig.4
CP-OFDM QPSK	3455.01	630334	10	1	23	Fig.5	Fig.6
CP-OFDM QPSK	3500.01	633334	10	24	0	Fig.7	Fig.8
CP-OFDM QPSK	3500.01	633334	10	1	0	Fig.9	Fig.10
CP-OFDM QPSK	3500.01	633334	10	1	23	Fig.11	Fig.12
CP-OFDM QPSK	3544.98	636332	10	24	0	Fig.13	Fig.14
CP-OFDM QPSK	3544.98	636332	10	1	0	Fig.15	Fig.16
CP-OFDM QPSK	3544.98	636332	10	1	23	Fig.17	Fig.18
CP-OFDM QPSK	3457.5	630500	15	38	0	Fig.19	Fig.20
CP-OFDM QPSK	3457.5	630500	15	1	0	Fig.21	Fig.22
CP-OFDM QPSK	3457.5	630500	15	1	37	Fig.23	Fig.24
CP-OFDM QPSK	3500.01	633334	15	38	0	Fig.25	Fig.26
CP-OFDM QPSK	3500.01	633334	15	1	0	Fig.27	Fig.28
CP-OFDM QPSK	3500.01	633334	15	1	37	Fig.29	Fig.30
CP-OFDM QPSK	3542.49	636166	15	38	0	Fig.31	Fig.32
CP-OFDM QPSK	3542.49	636166	15	1	0	Fig.33	Fig.34
CP-OFDM QPSK	3542.49	636166	15	1	37	Fig.35	Fig.36
CP-OFDM QPSK	3460.02	630668	20	51	0	Fig.37	Fig.38
CP-OFDM QPSK	3460.02	630668	20	1	0	Fig.39	Fig.40
CP-OFDM QPSK	3460.02	630668	20	1	50	Fig.41	Fig.42
CP-OFDM QPSK	3500.01	633334	20	51	0	Fig.43	Fig.44
CP-OFDM QPSK	3500.01	633334	20	1	0	Fig.45	Fig.46
CP-OFDM QPSK	3500.01	633334	20	1	50	Fig.47	Fig.48
CP-OFDM QPSK	3540	636000	20	51	0	Fig.49	Fig.50
CP-OFDM QPSK	3540	636000	20	1	0	Fig.51	Fig.52
CP-OFDM QPSK	3540	636000	20	1	50	Fig.53	Fig.54
CP-OFDM QPSK	3465	631000	30	78	0	Fig.55	Fig.56
CP-OFDM QPSK	3465	631000	30	1	0	Fig.57	Fig.58
CP-OFDM QPSK	3465	631000	30	1	77	Fig.59	Fig.60
CP-OFDM QPSK	3500.01	633334	30	78	0	Fig.61	Fig.62
CP-OFDM QPSK	3500.01	633334	30	1	0	Fig.63	Fig.64
CP-OFDM QPSK	3500.01	633334	30	1	77	Fig.65	Fig.66
CP-OFDM QPSK	3534.99	635666	30	78	0	Fig.67	Fig.68
CP-OFDM QPSK	3534.99	635666	30	1	0	Fig.69	Fig.70
CP-OFDM QPSK	3534.99	635666	30	1	77	Fig.71	Fig.72
CP-OFDM QPSK	3470.01	631334	40	106	0	Fig.73	Fig.74
CP-OFDM QPSK	3470.01	631334	40	1	0	Fig.75	Fig.76
CP-OFDM QPSK	3470.01	631334	40	1	105	Fig.77	Fig.78
CP-OFDM QPSK	3500.01	633334	40	106	0	Fig.79	Fig.80
CP-OFDM QPSK	3500.01	633334	40	1	0	Fig.81	Fig.82
CP-OFDM QPSK	3500.01	633334	40	1	105	Fig.83	Fig.84
CP-OFDM QPSK	3529.98	635332	40	106	0	Fig.85	Fig.86

CP-OFDM QPSK	3529.98	635332	40	1	0	Fig.87	Fig.88
CP-OFDM QPSK	3529.98	635332	40	1	105	Fig.89	Fig.90
CP-OFDM QPSK	3475.02	631668	50	133	0	Fig.91	Fig.92
CP-OFDM QPSK	3475.02	631668	50	1	0	Fig.93	Fig.94
CP-OFDM QPSK	3475.02	631668	50	1	132	Fig.95	Fig.96
CP-OFDM QPSK	3500.01	633334	50	133	0	Fig.97	Fig.98
CP-OFDM QPSK	3500.01	633334	50	1	0	Fig.99	Fig.100
CP-OFDM QPSK	3500.01	633334	50	1	132	Fig.101	Fig.102
CP-OFDM QPSK	3525	635000	50	133	0	Fig.103	Fig.104
CP-OFDM QPSK	3525	635000	50	1	0	Fig.105	Fig.106
CP-OFDM QPSK	3525	635000	50	1	132	Fig.107	Fig.108
CP-OFDM QPSK	3480	632000	60	162	0	Fig.109	Fig.110
CP-OFDM QPSK	3480	632000	60	1	0	Fig.111	Fig.112
CP-OFDM QPSK	3480	632000	60	1	161	Fig.113	Fig.114
CP-OFDM QPSK	3500.01	633334	60	162	0	Fig.115	Fig.116
CP-OFDM QPSK	3500.01	633334	60	1	0	Fig.117	Fig.118
CP-OFDM QPSK	3500.01	633334	60	1	161	Fig.119	Fig.120
CP-OFDM QPSK	3519.99	634666	60	162	0	Fig.121	Fig.122
CP-OFDM QPSK	3519.99	634666	60	1	0	Fig.123	Fig.124
CP-OFDM QPSK	3519.99	634666	60	1	161	Fig.125	Fig.126
CP-OFDM QPSK	3490.02	632668	80	217	0	Fig.127	Fig.128
CP-OFDM QPSK	3490.02	632668	80	1	0	Fig.129	Fig.130
CP-OFDM QPSK	3490.02	632668	80	1	216	Fig.131	Fig.132
CP-OFDM QPSK	3500.01	633334	80	217	0	Fig.133	Fig.134
CP-OFDM QPSK	3500.01	633334	80	1	0	Fig.135	Fig.136
CP-OFDM QPSK	3500.01	633334	80	1	216	Fig.137	Fig.138
CP-OFDM QPSK	3510	634000	80	217	0	Fig.139	Fig.140
CP-OFDM QPSK	3510	634000	80	1	0	Fig.141	Fig.142
CP-OFDM QPSK	3510	634000	80	1	216	Fig.143	Fig.144
CP-OFDM QPSK	3495	633000	90	245	0	Fig.145	Fig.146
CP-OFDM QPSK	3495	633000	90	1	0	Fig.147	Fig.148
CP-OFDM QPSK	3495	633000	90	1	244	Fig.149	Fig.150
CP-OFDM QPSK	3500.01	633334	90	245	0	Fig.151	Fig.152
CP-OFDM QPSK	3500.01	633334	90	1	0	Fig.153	Fig.154
CP-OFDM QPSK	3500.01	633334	90	1	244	Fig.155	Fig.156
CP-OFDM QPSK	3504.99	633666	90	245	0	Fig.157	Fig.158
CP-OFDM QPSK	3504.99	633666	90	1	0	Fig.159	Fig.160
CP-OFDM QPSK	3504.99	633666	90	1	244	Fig.161	Fig.162
CP-OFDM QPSK	3500.01	633334	100	273	0	Fig.163	Fig.164
CP-OFDM QPSK	3500.01	633334	100	1	0	Fig.165	Fig.166
CP-OFDM QPSK	3500.01	633334	100	1	272	Fig.167	Fig.168

Test Plot:

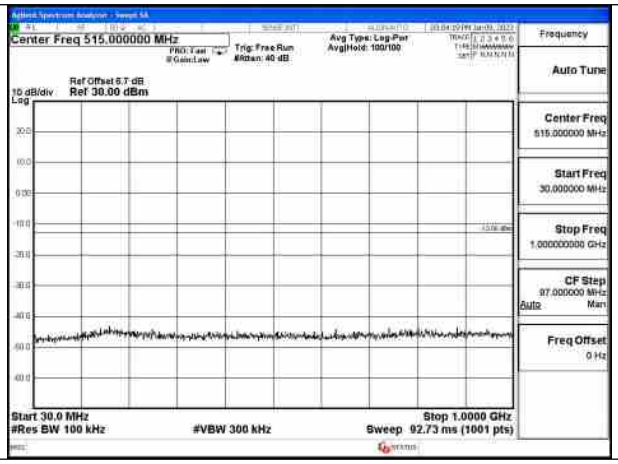


Fig.1

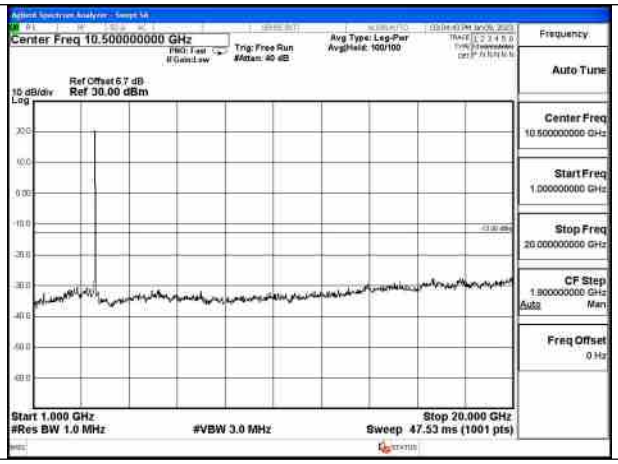


Fig.2

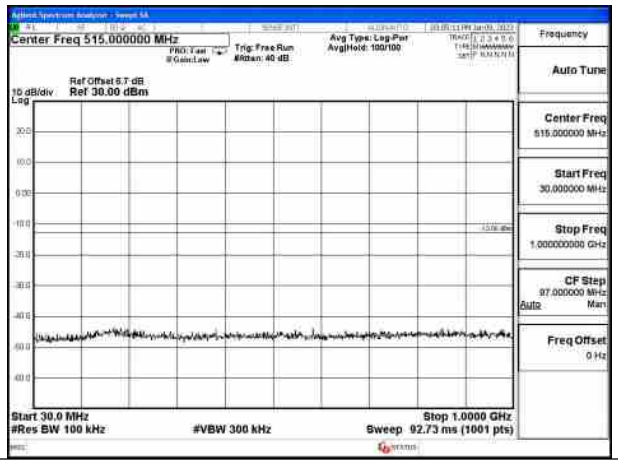


Fig.3

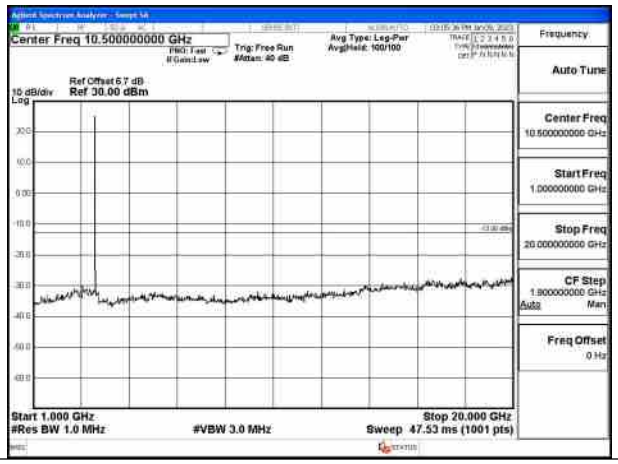


Fig.4

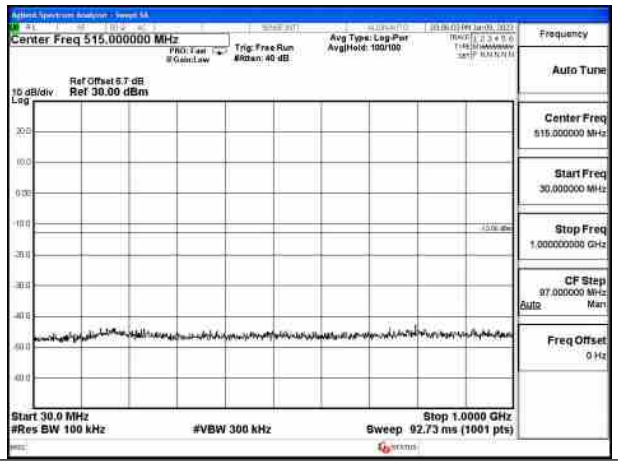


Fig.5

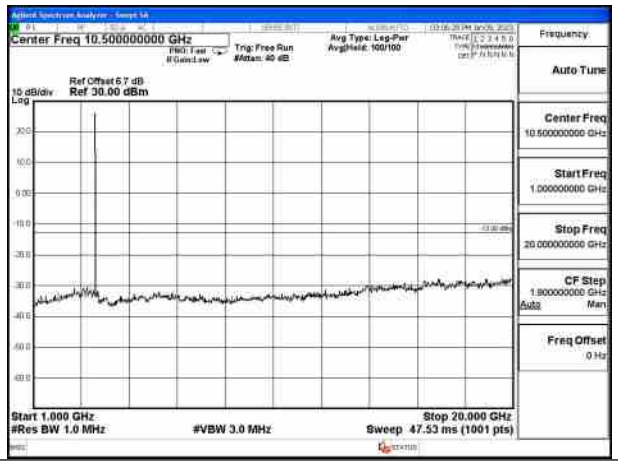


Fig.6

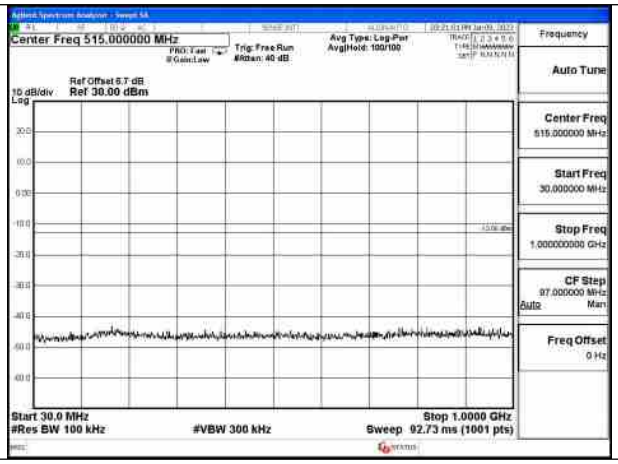


Fig.7

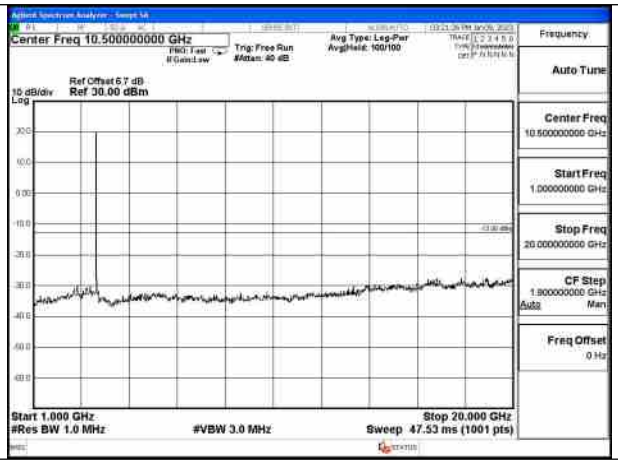


Fig.8

Fig.9

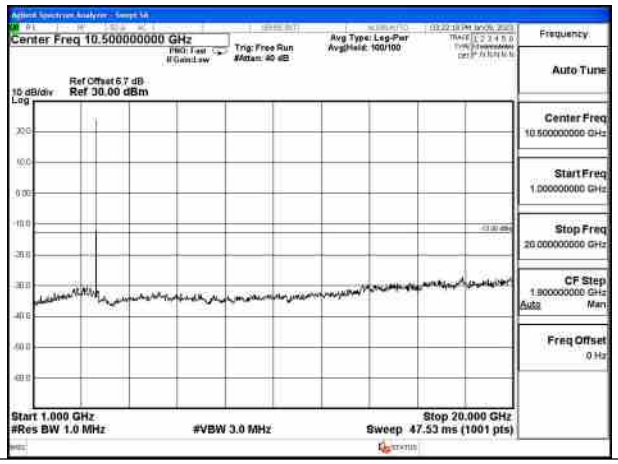


Fig.10

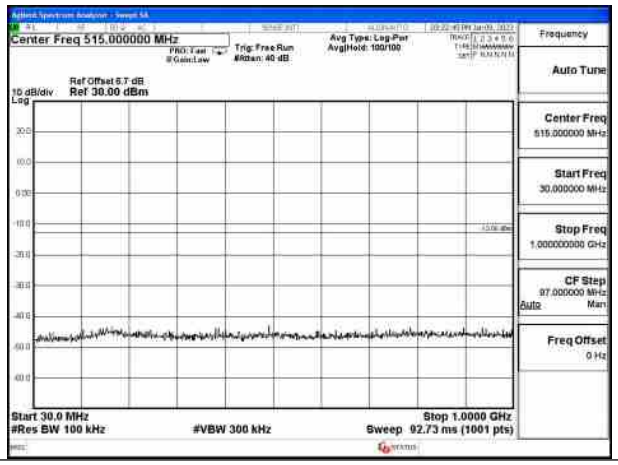


Fig.11

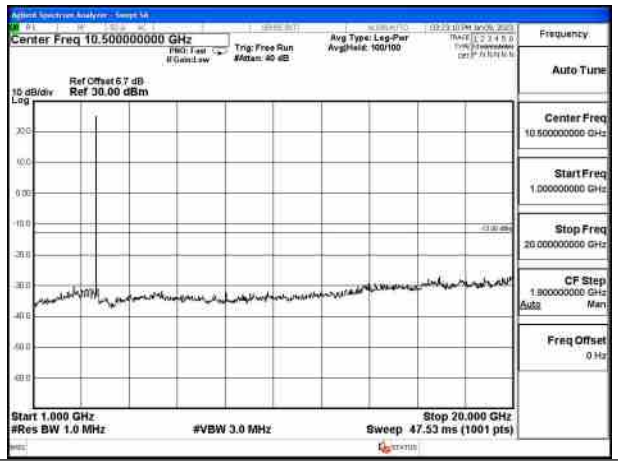


Fig.12

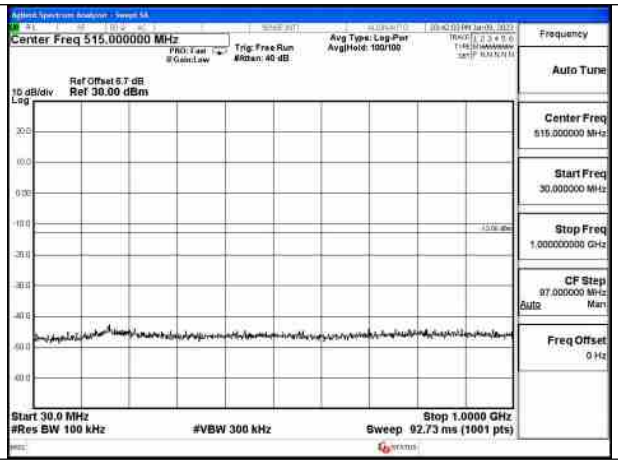
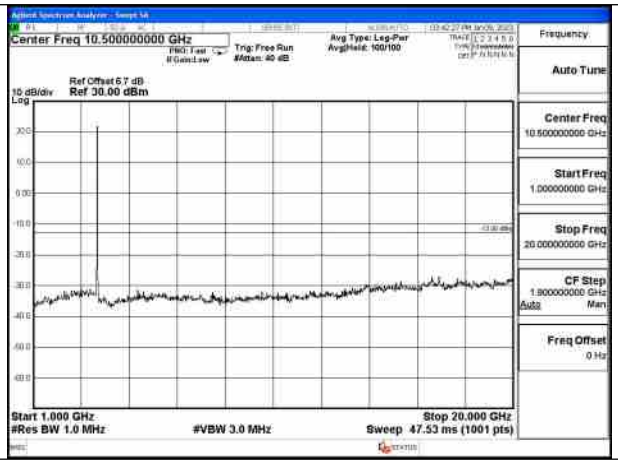


Fig.13



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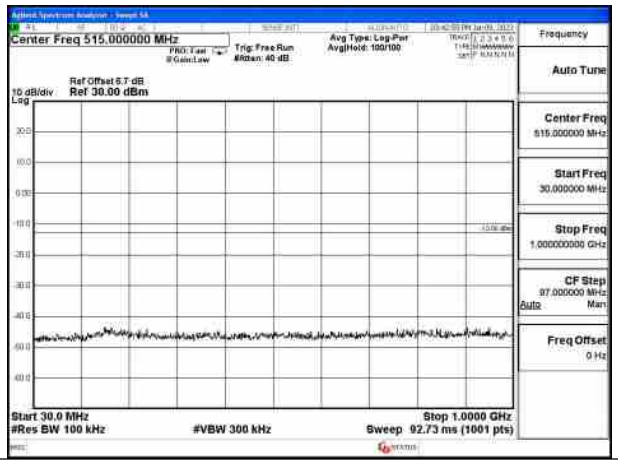

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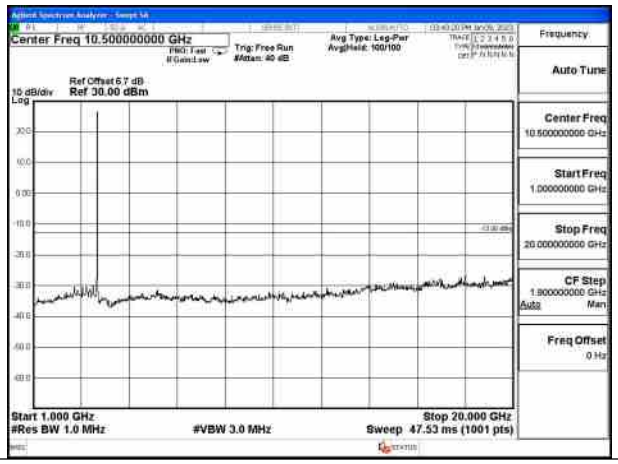

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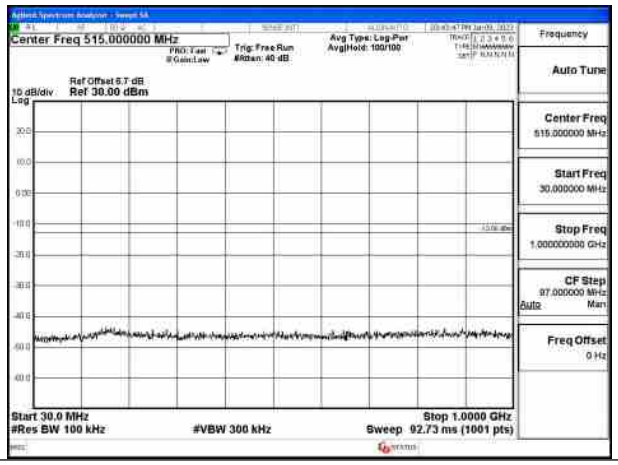

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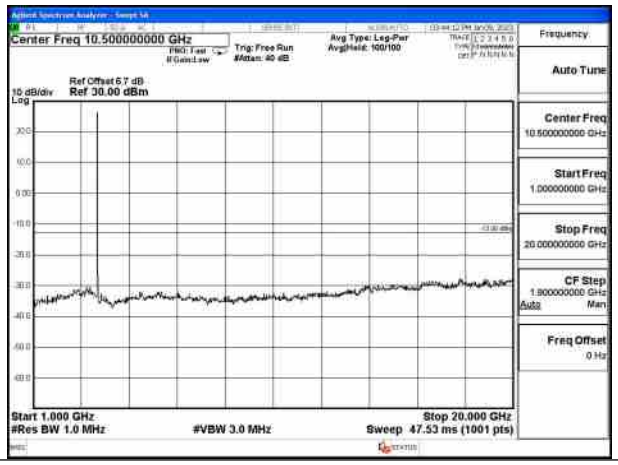

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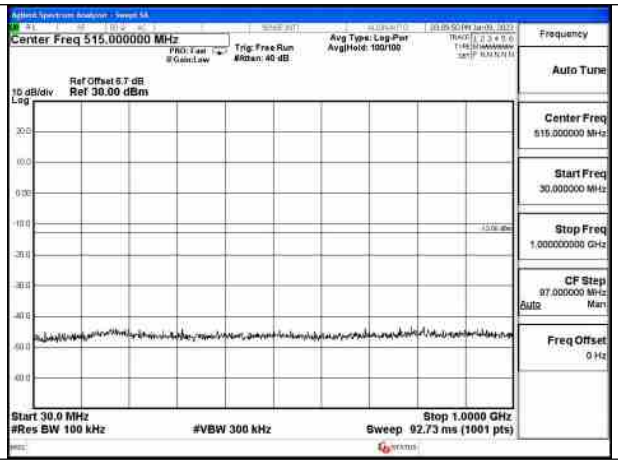

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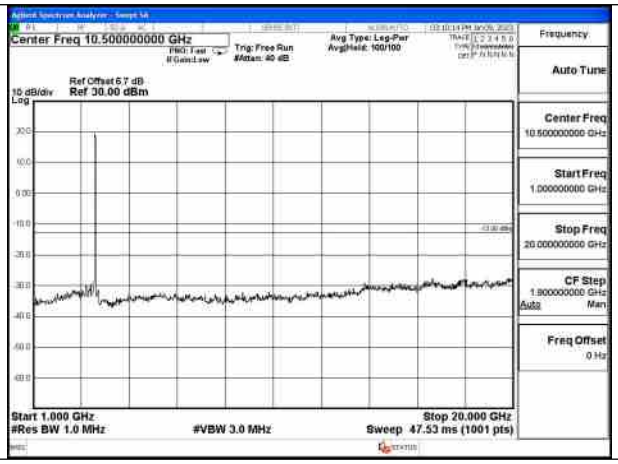

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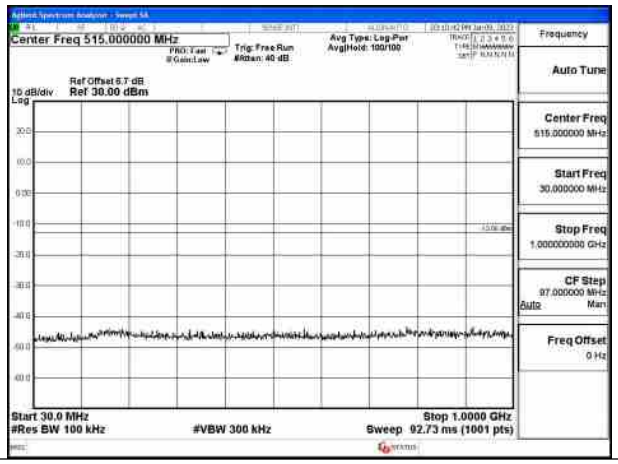

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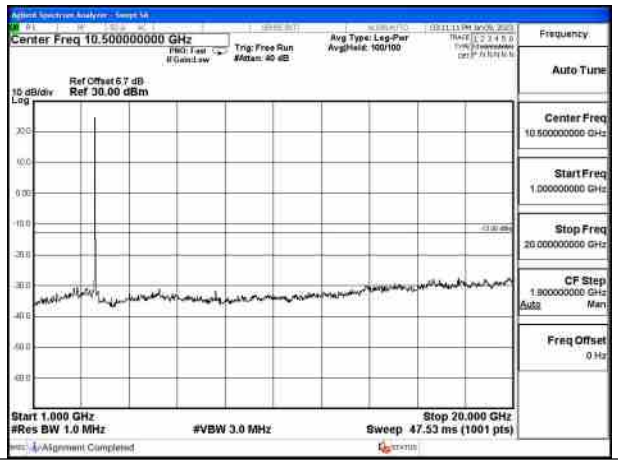

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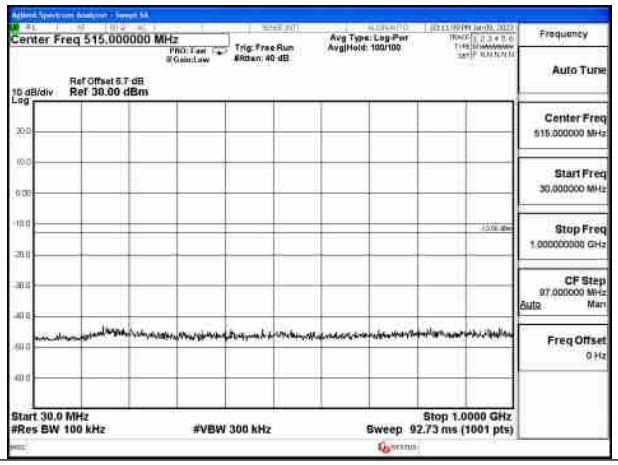

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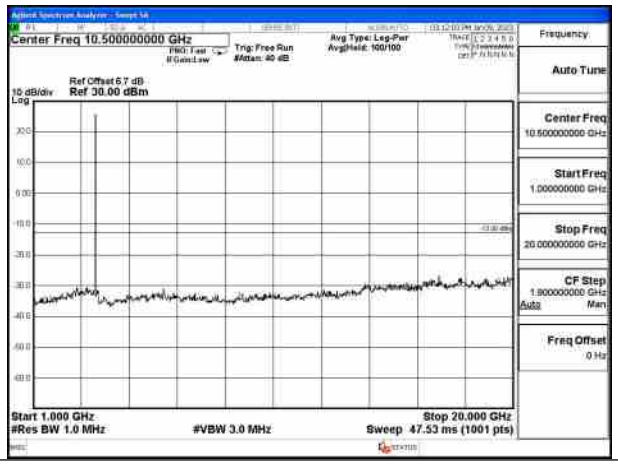
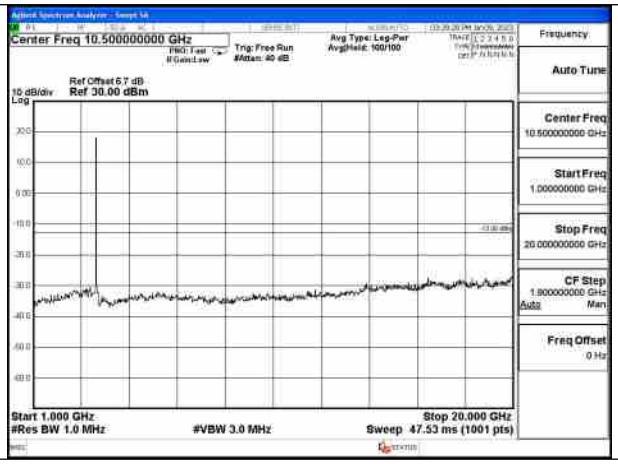


Fig.24

Fig.25



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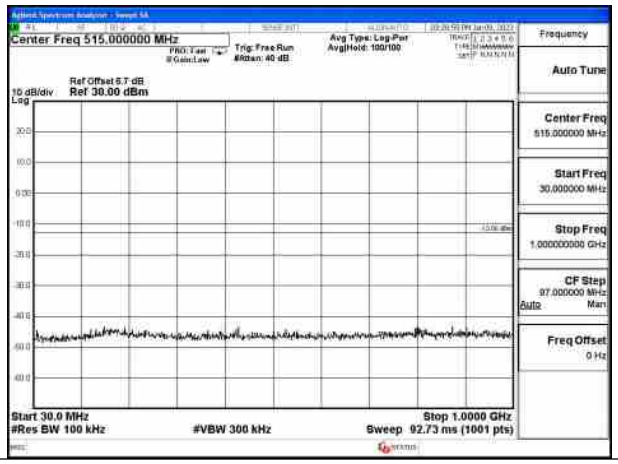

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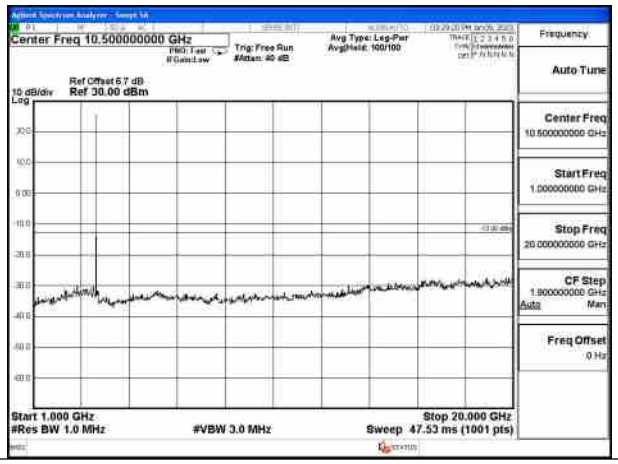

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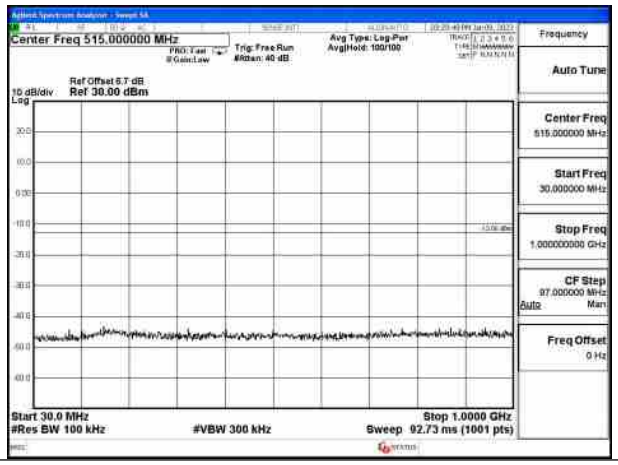

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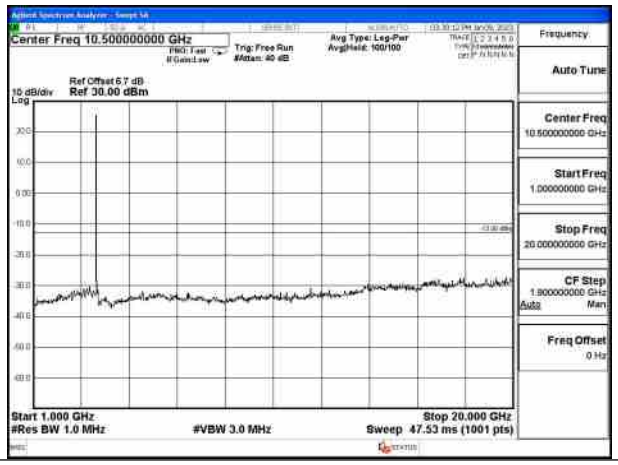

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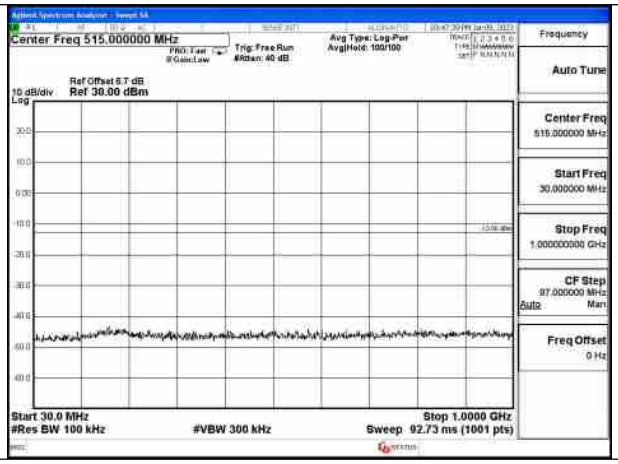

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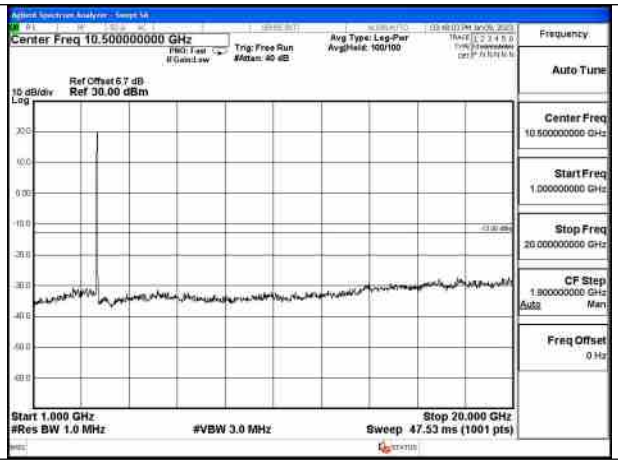

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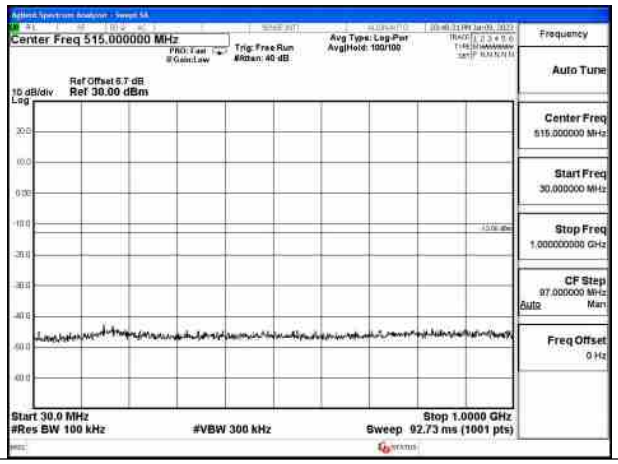

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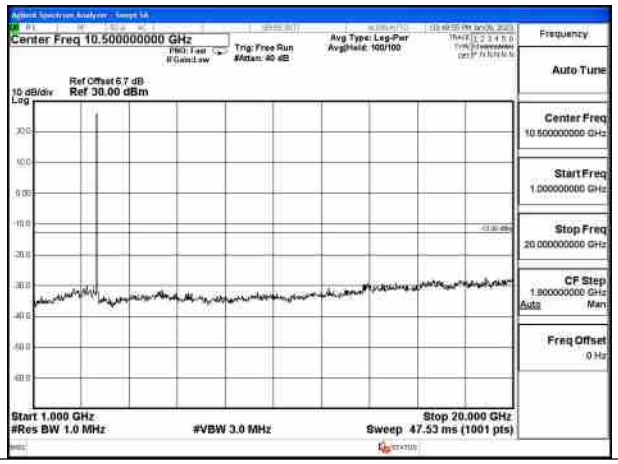

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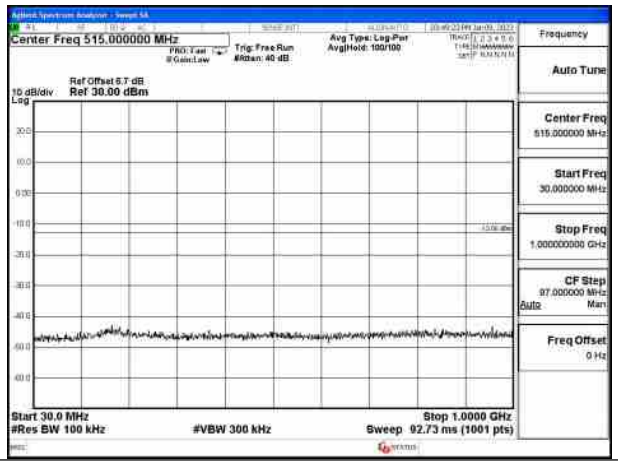

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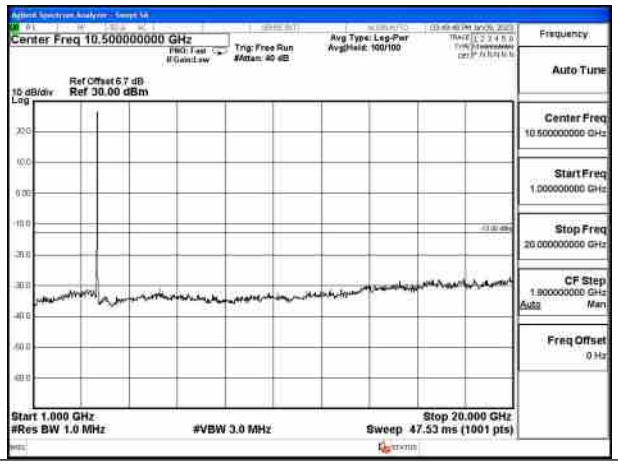

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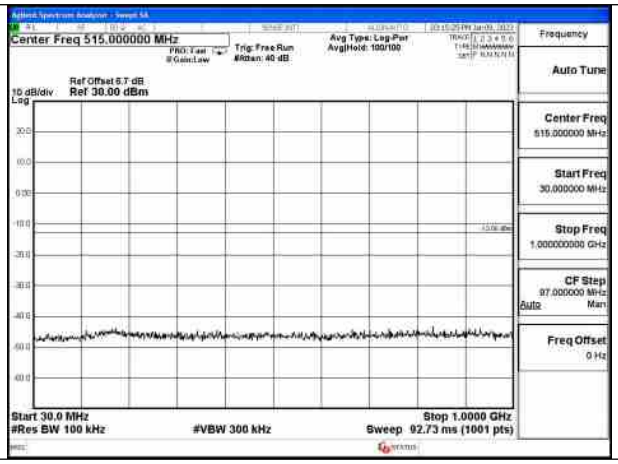

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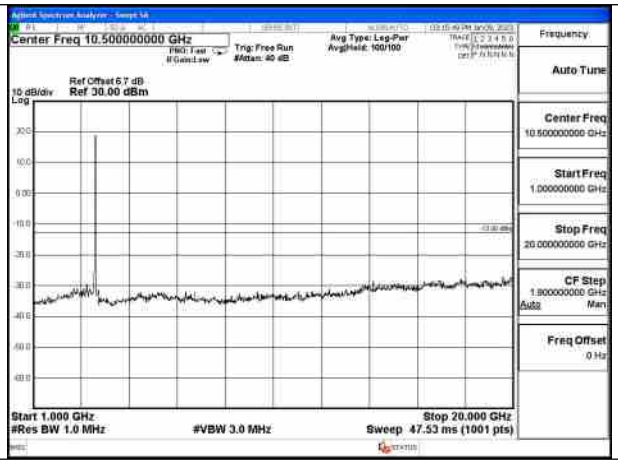

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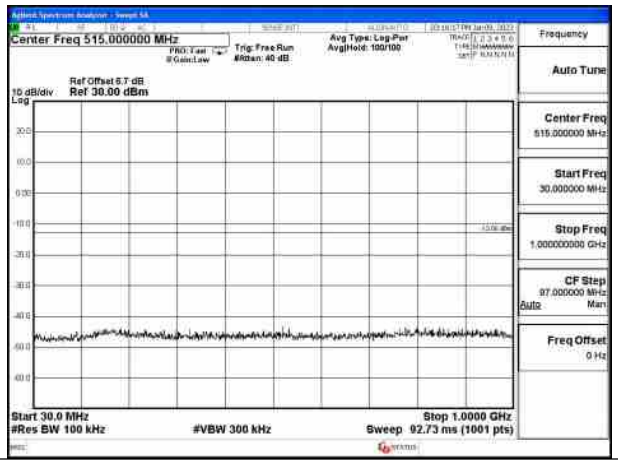

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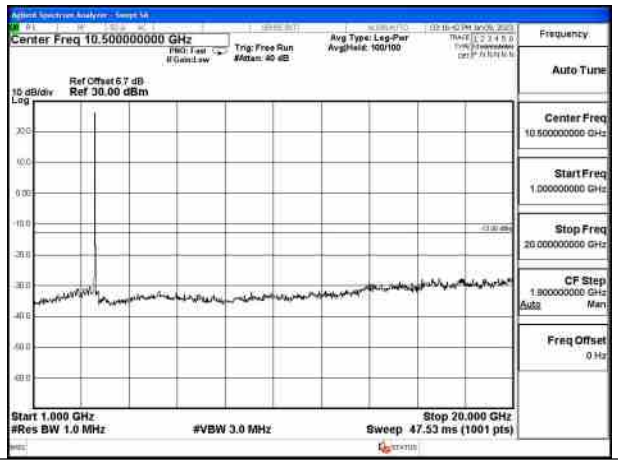

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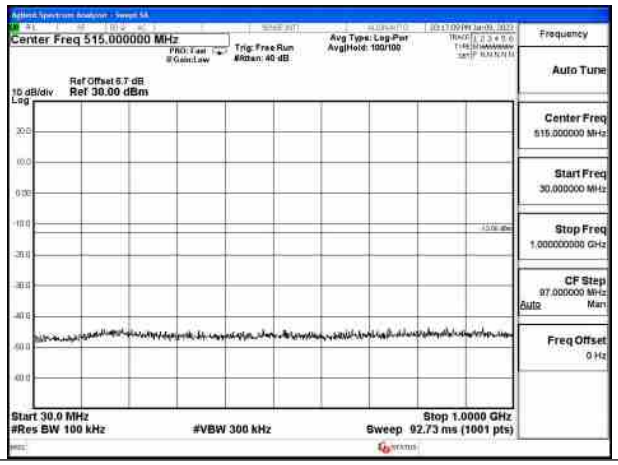

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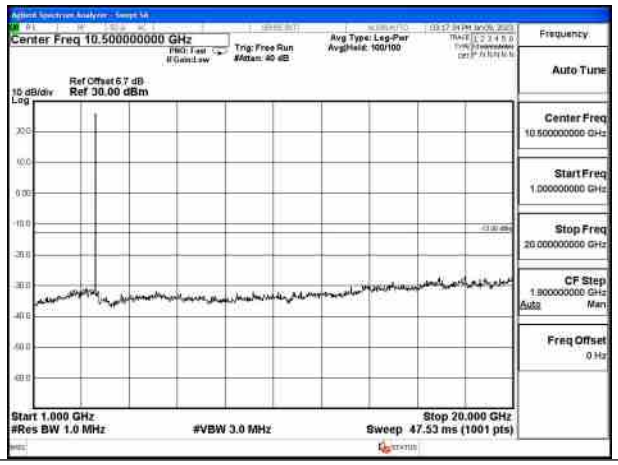

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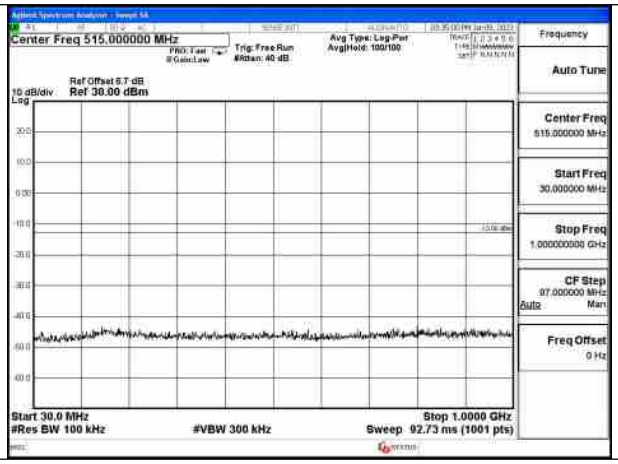

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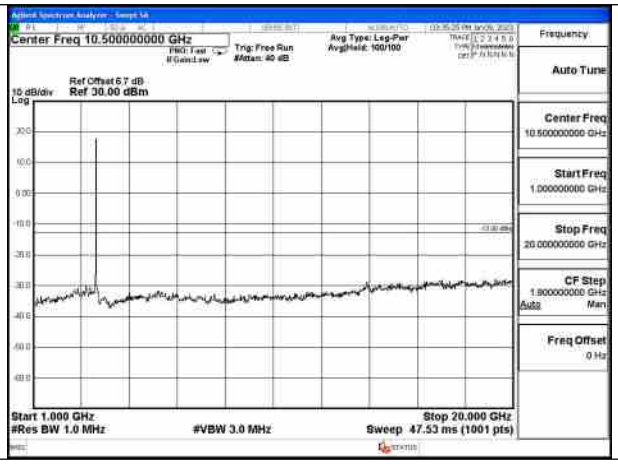

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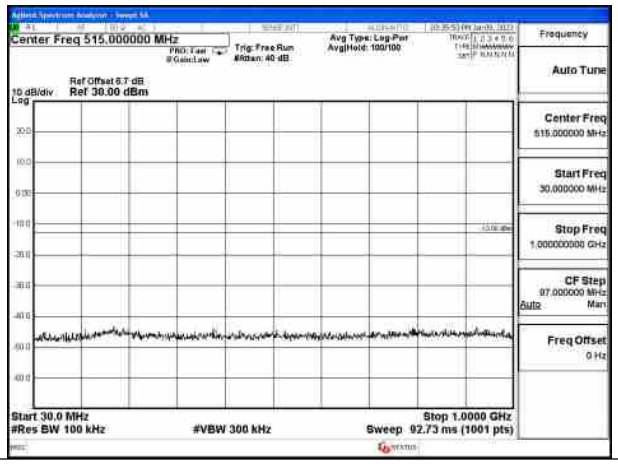

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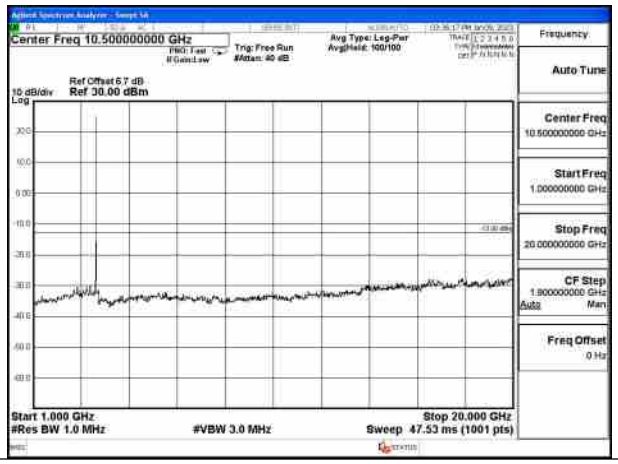

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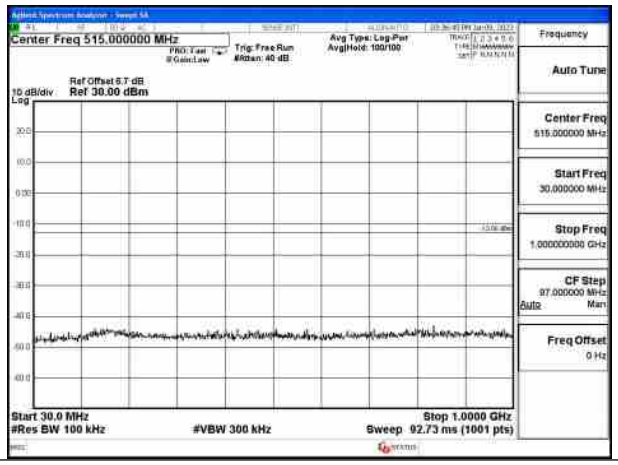

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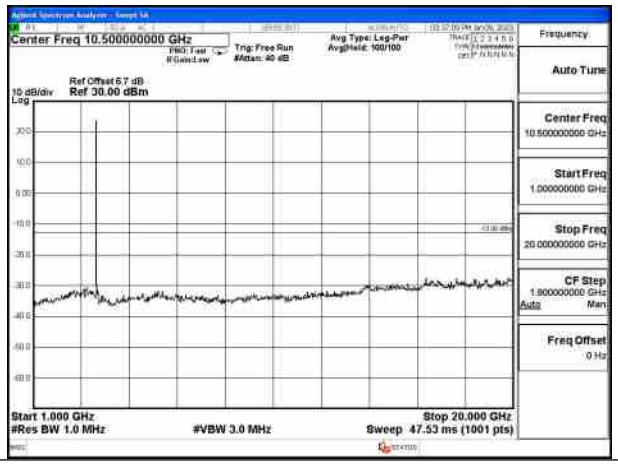

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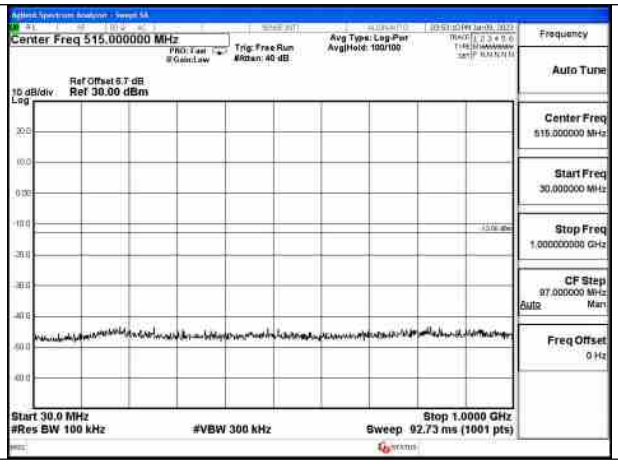


Fig.49

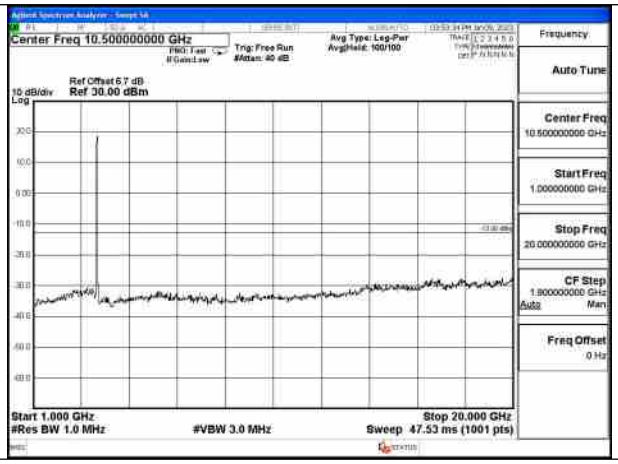
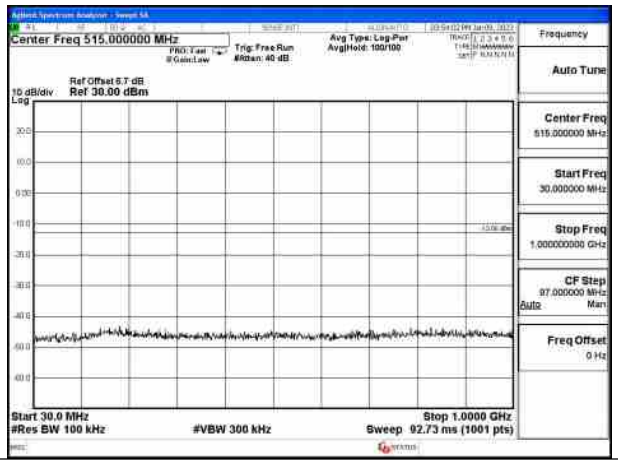


Fig.50



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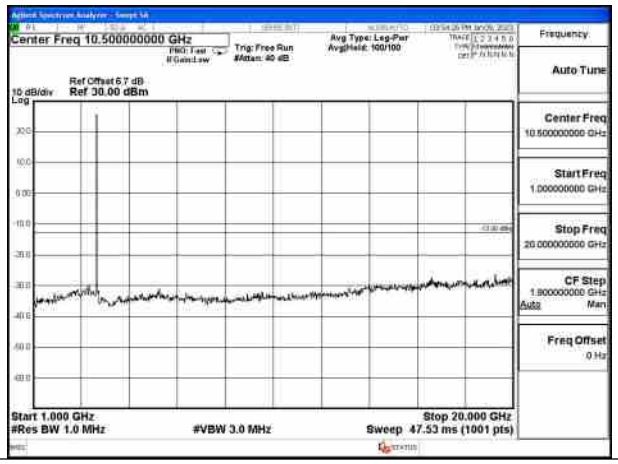

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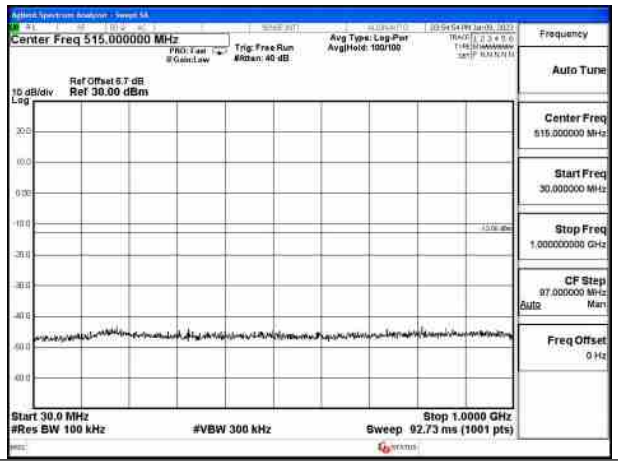

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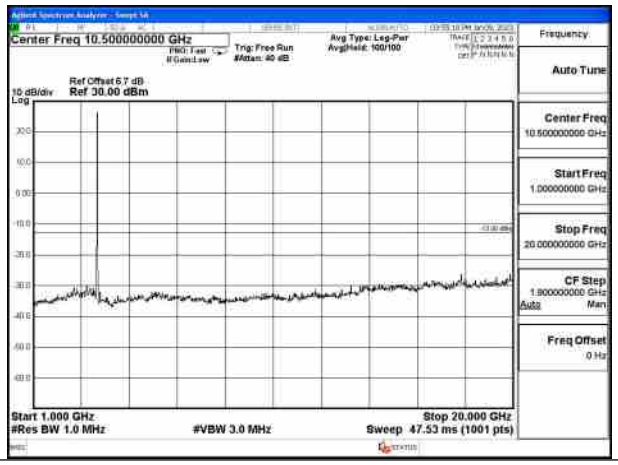


Fig.54

Fig.55

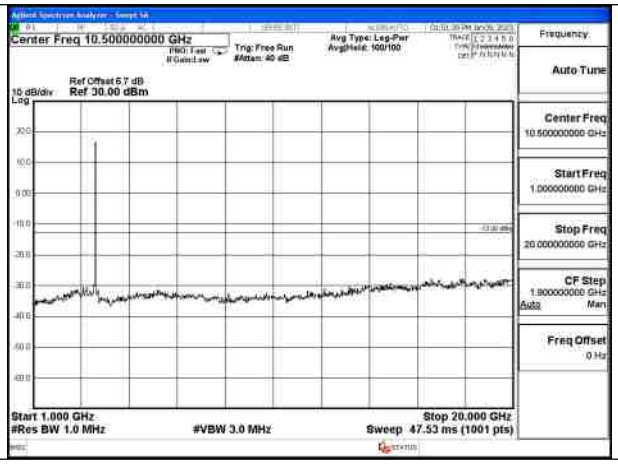
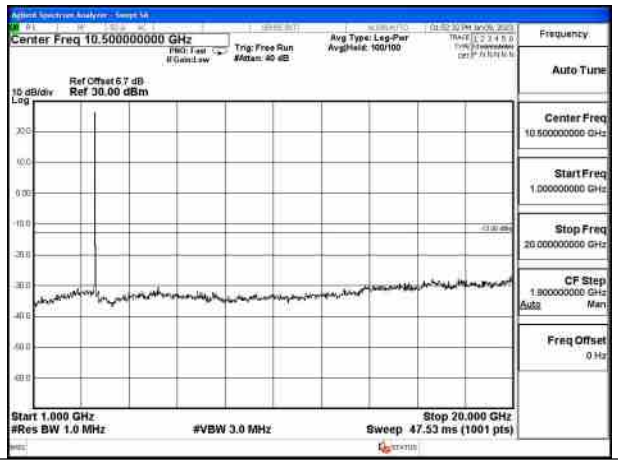


Fig.56

Fig.57



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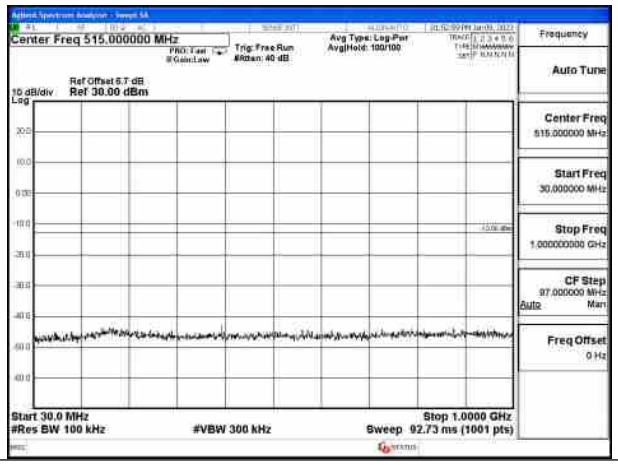

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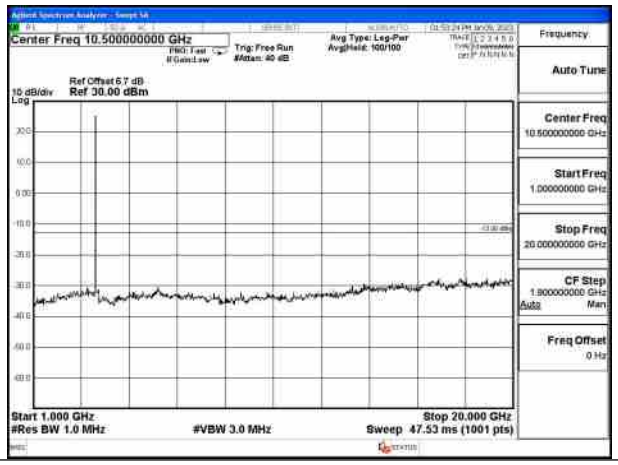

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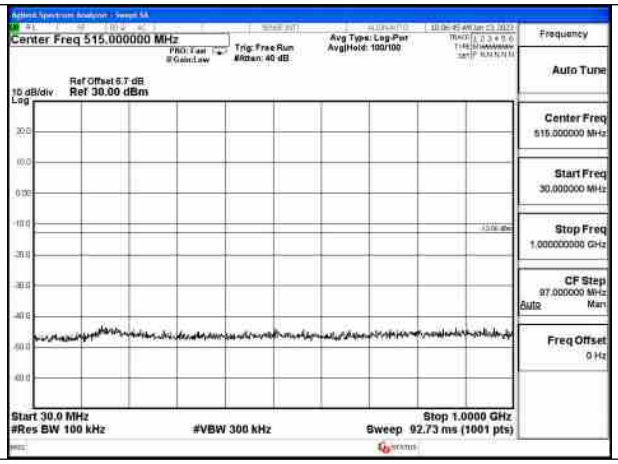

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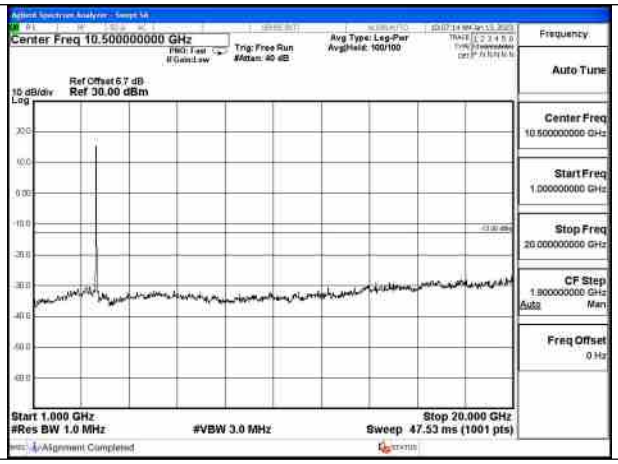

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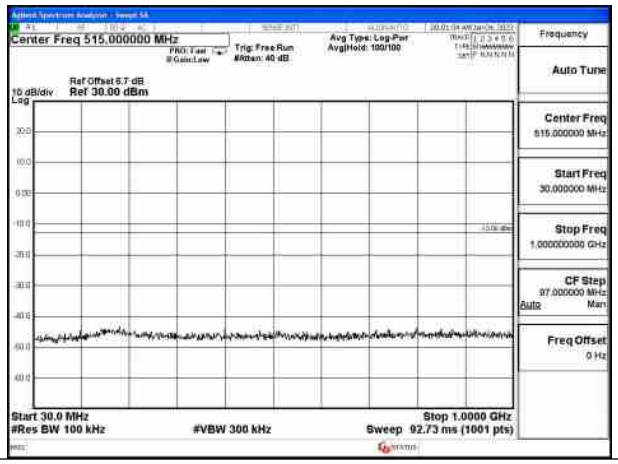

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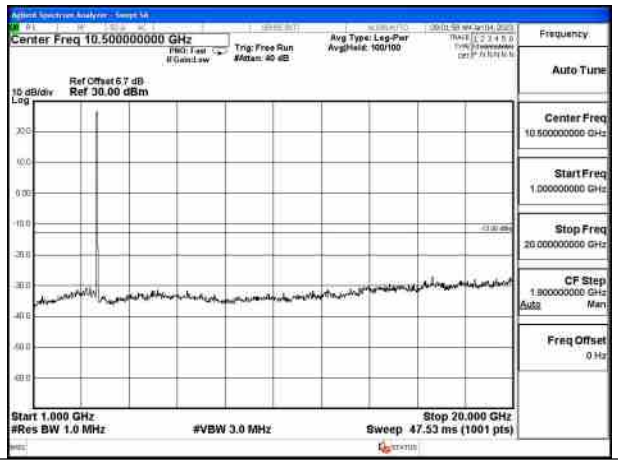

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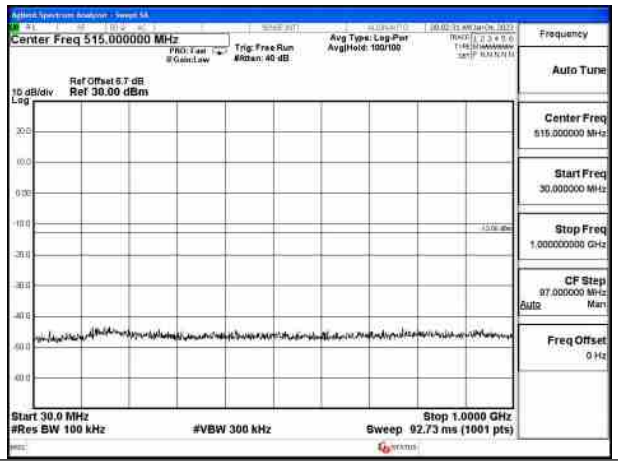

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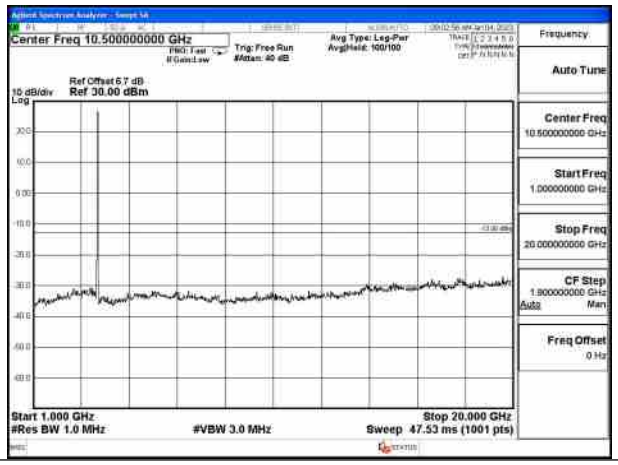

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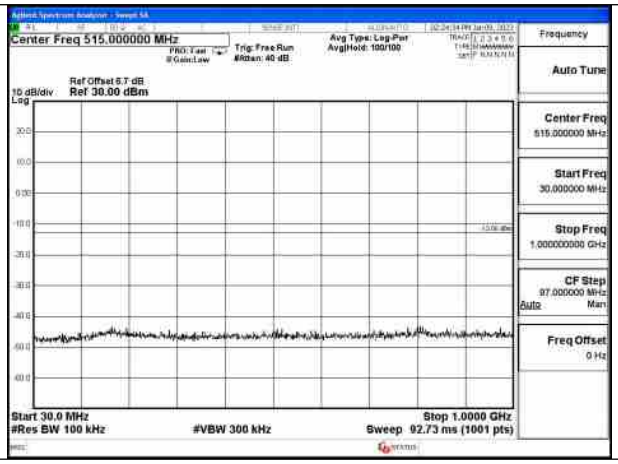

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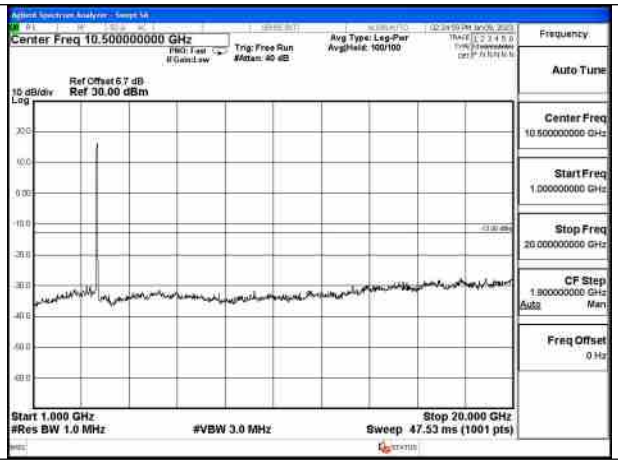

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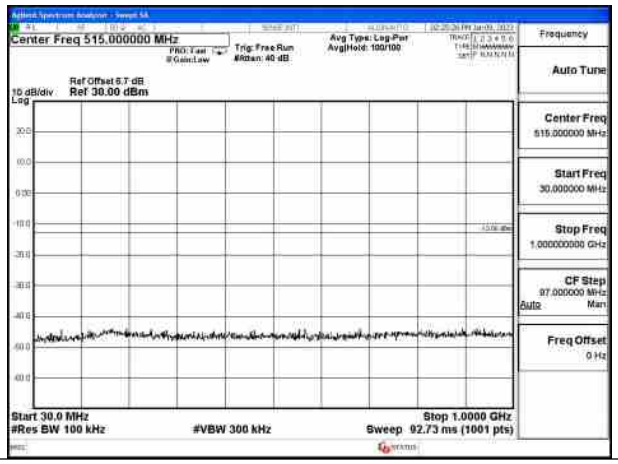

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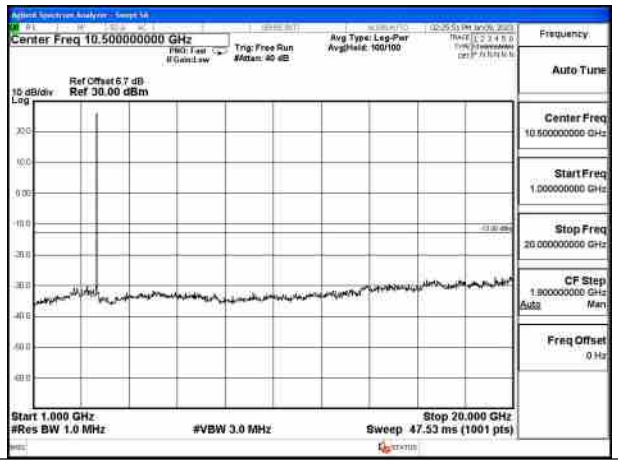

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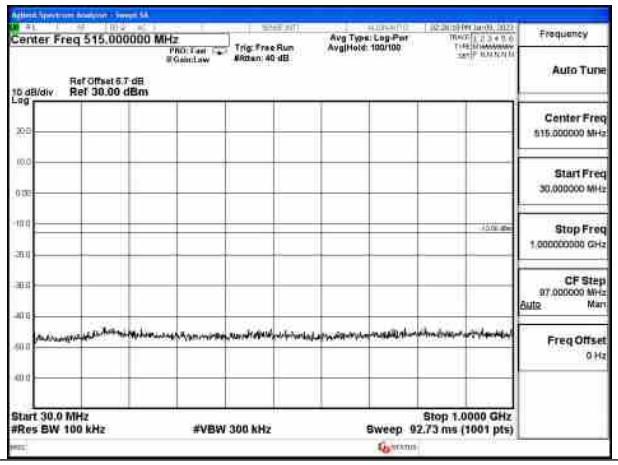
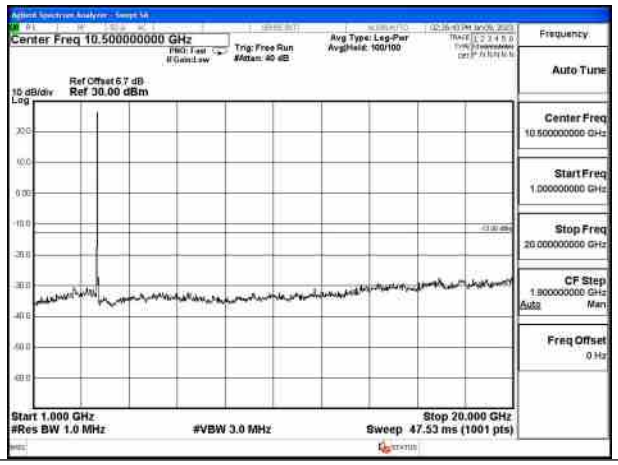


Fig.71



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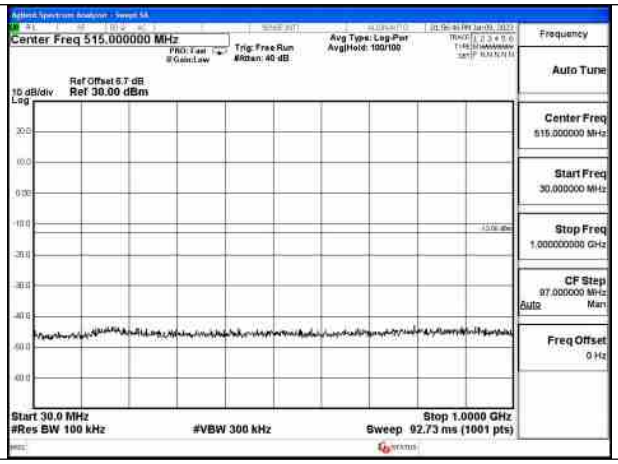

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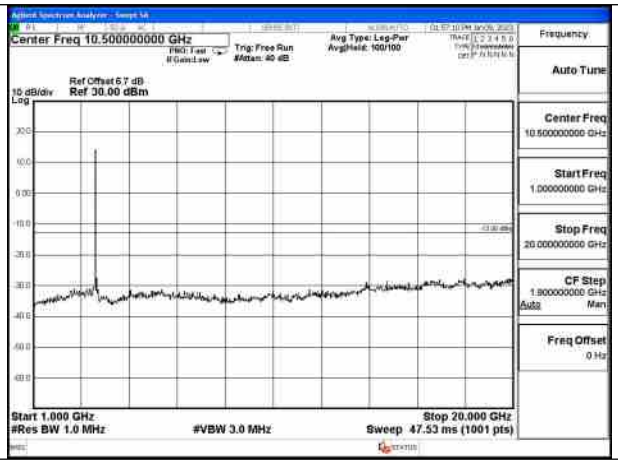

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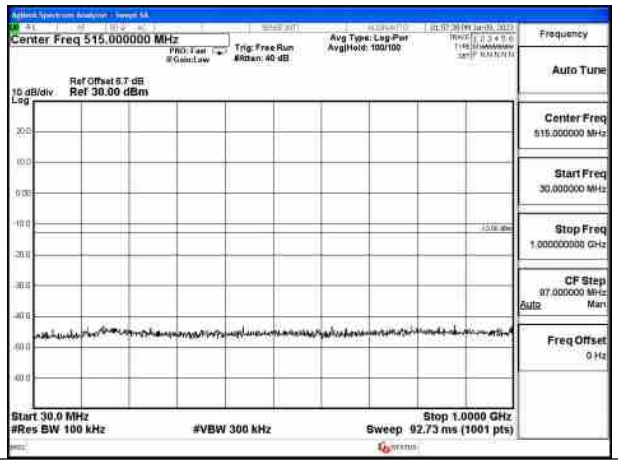

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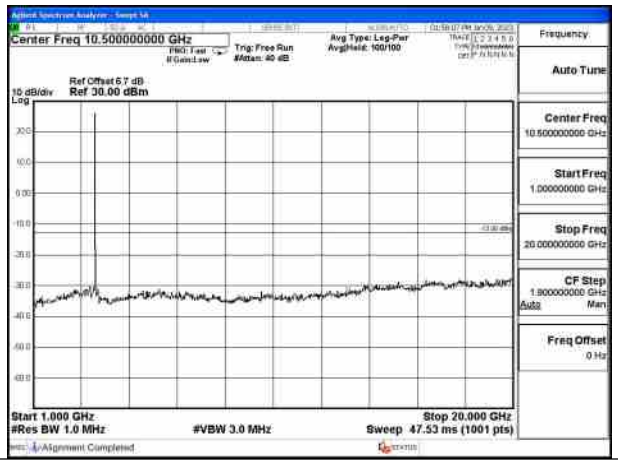

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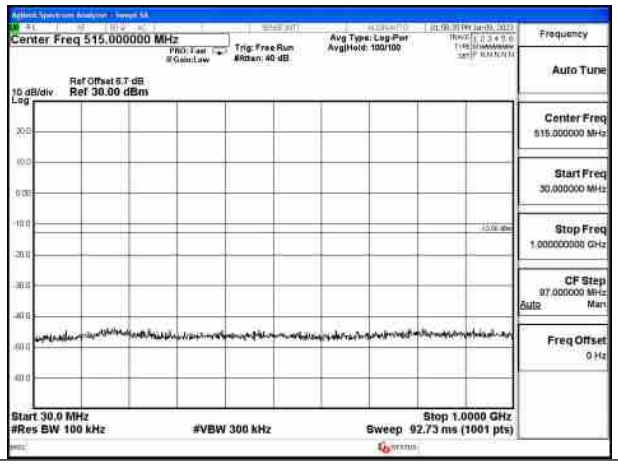

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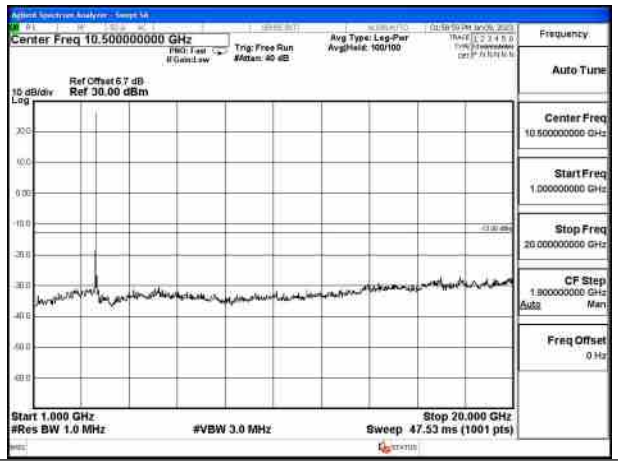

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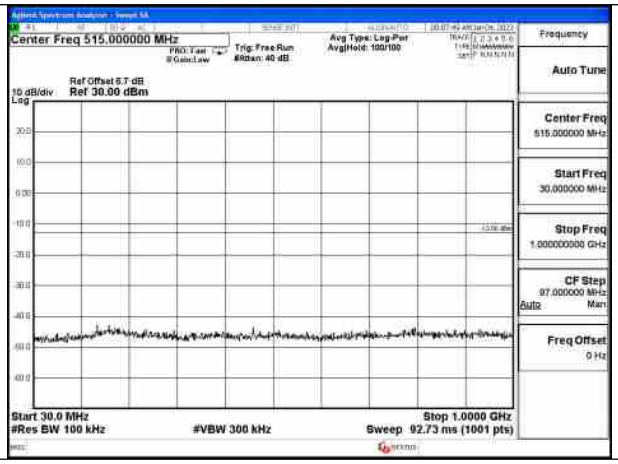

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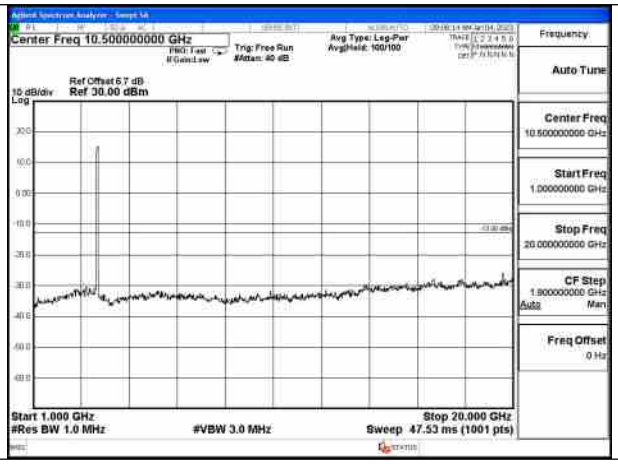

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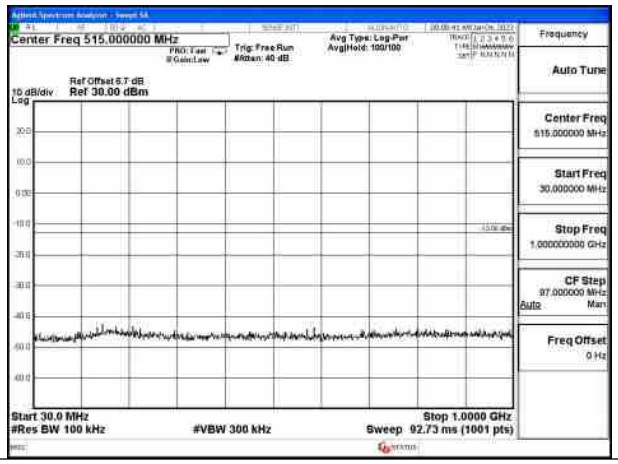

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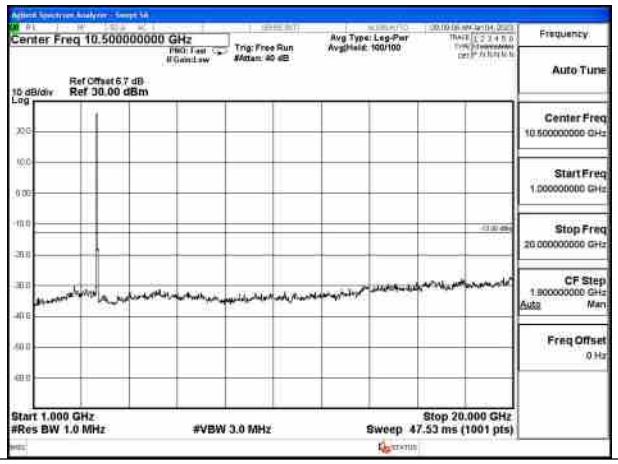

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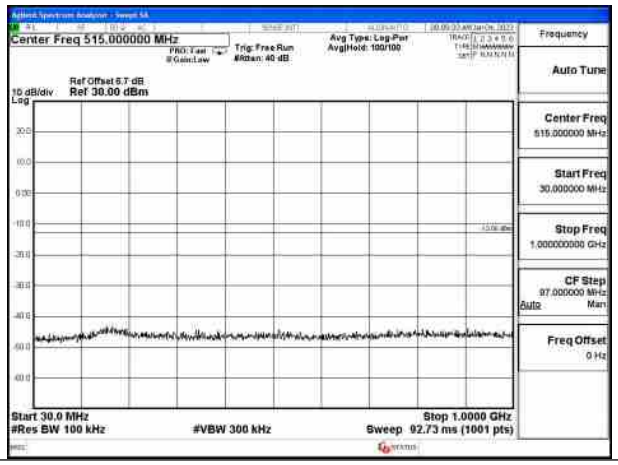

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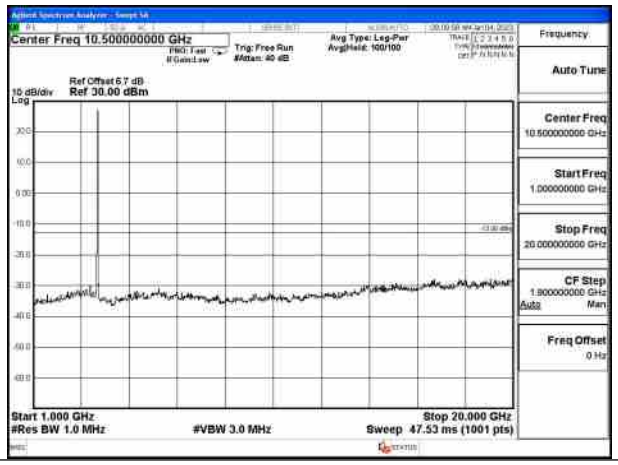

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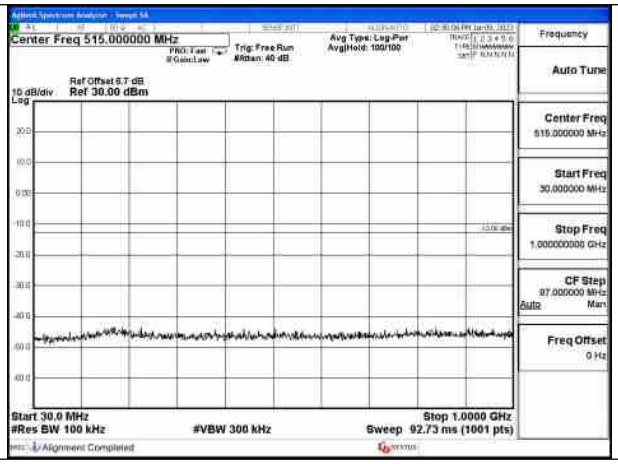

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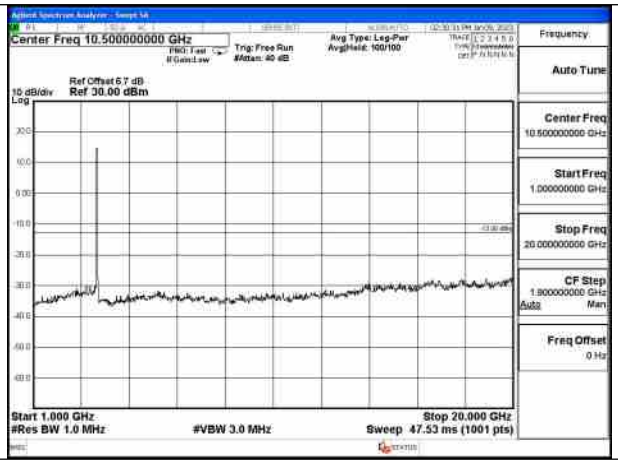

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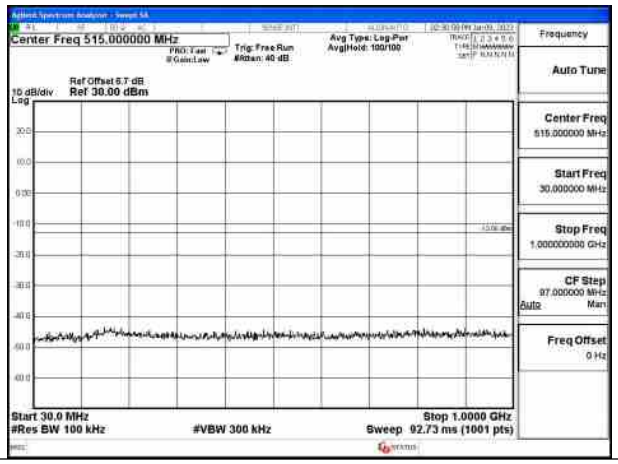

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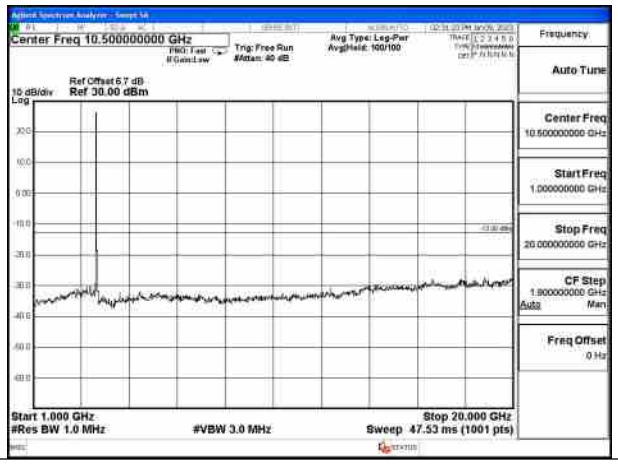

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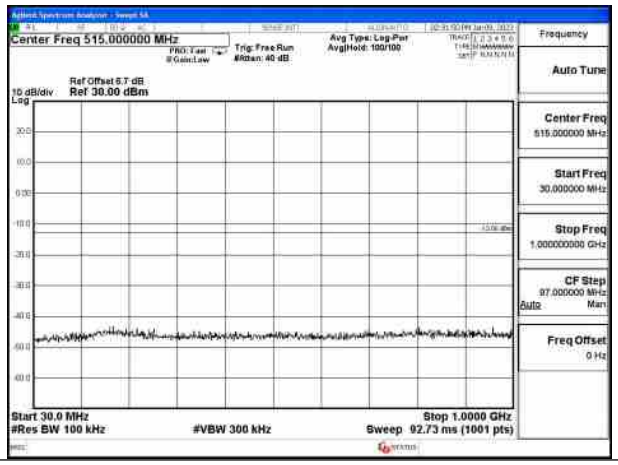

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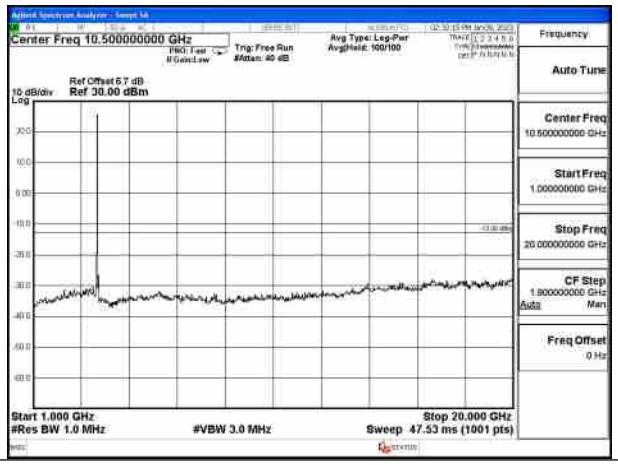

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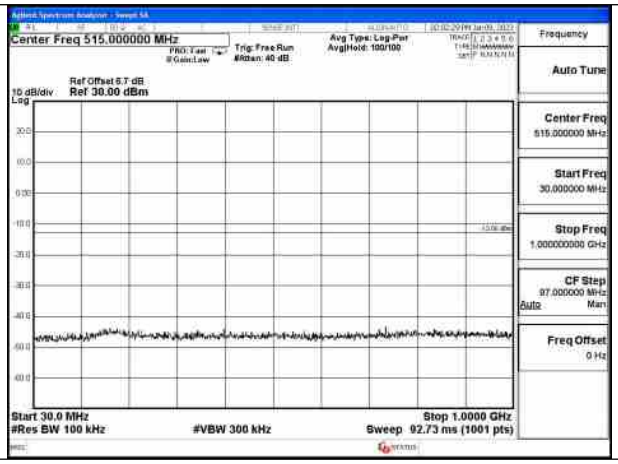

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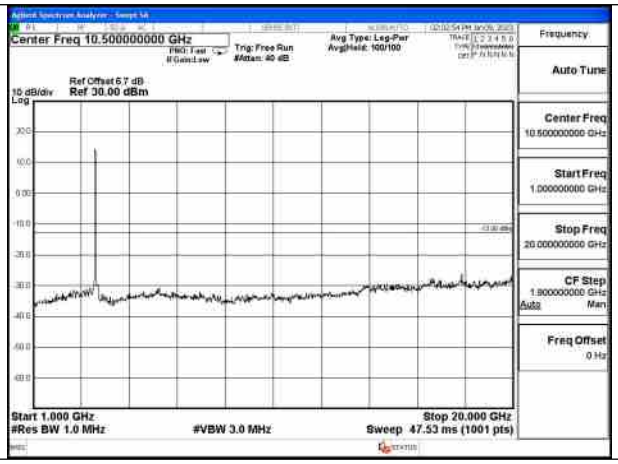

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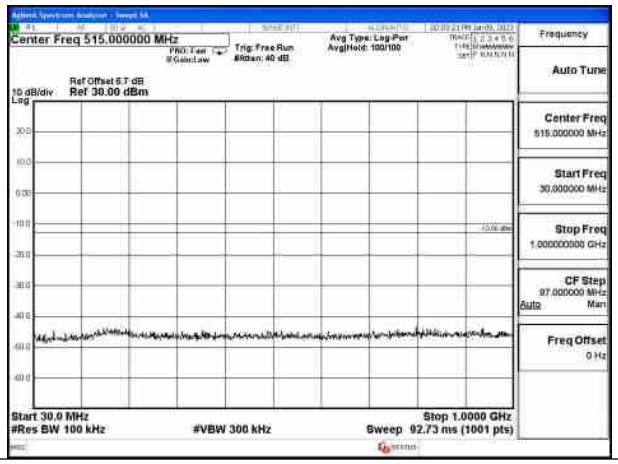

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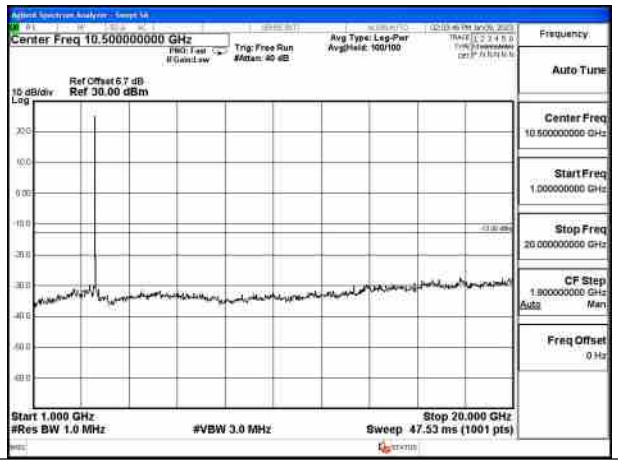

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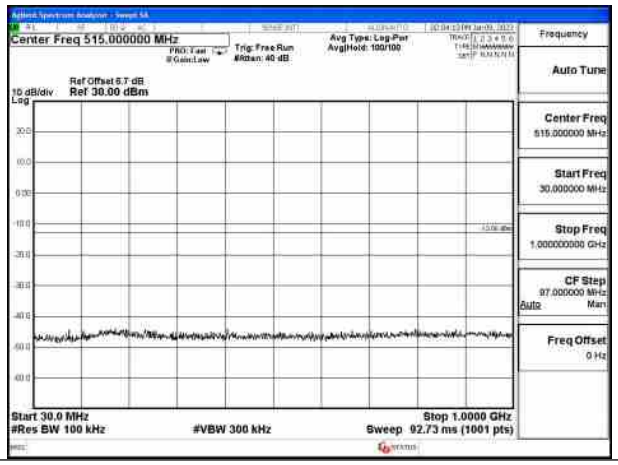

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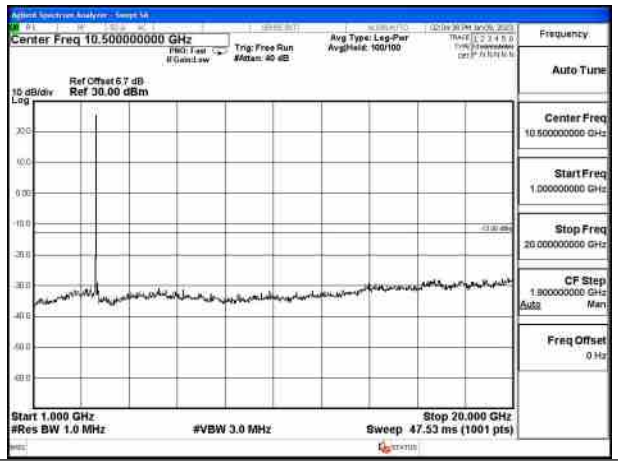
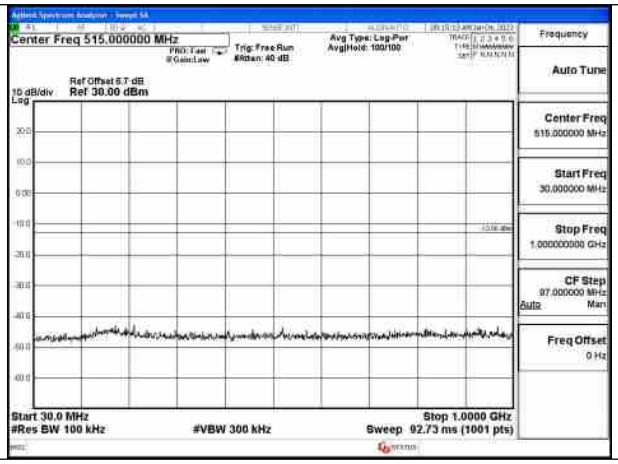


Fig.96



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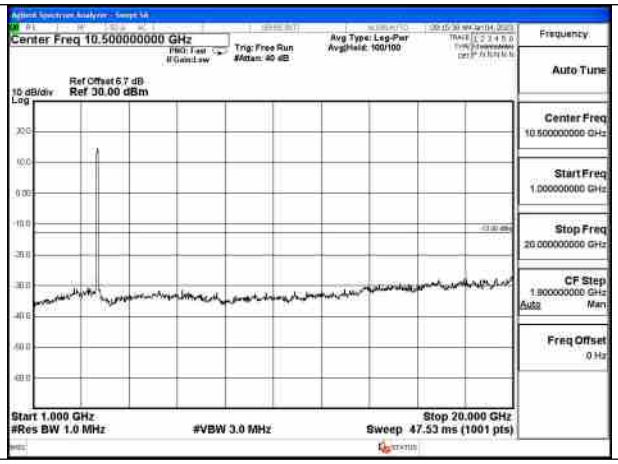
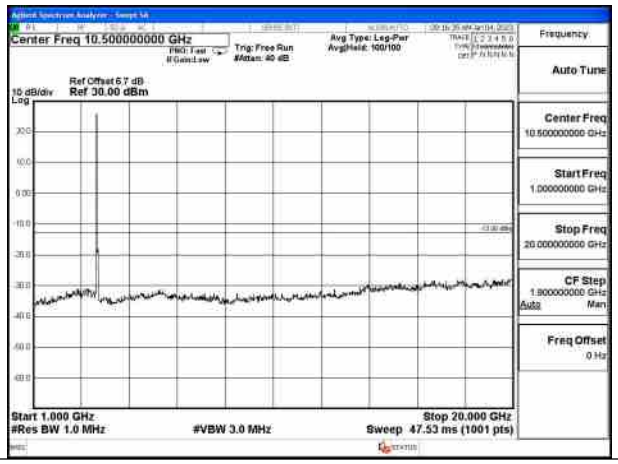


Fig.98

Fig.99



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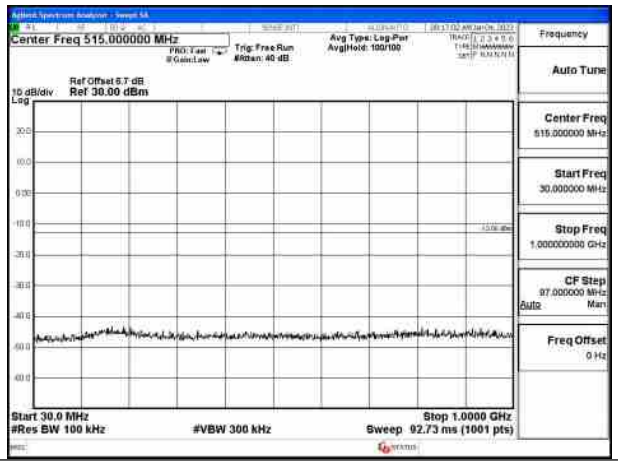

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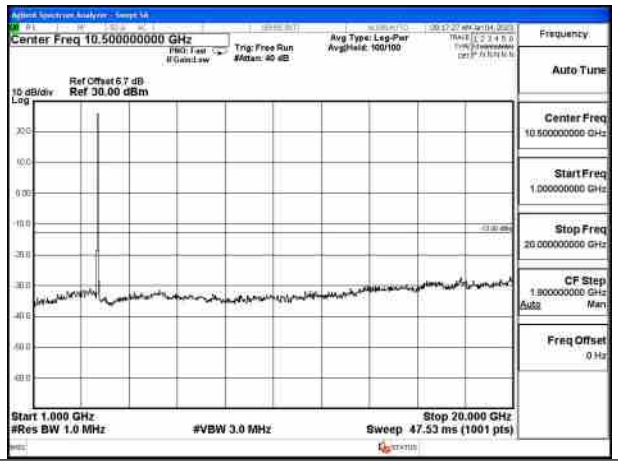

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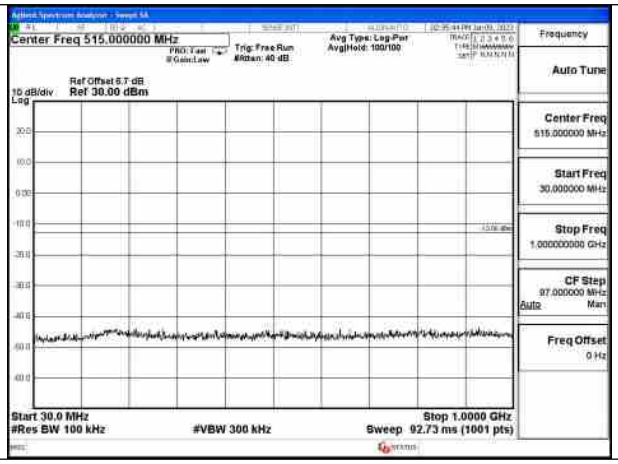
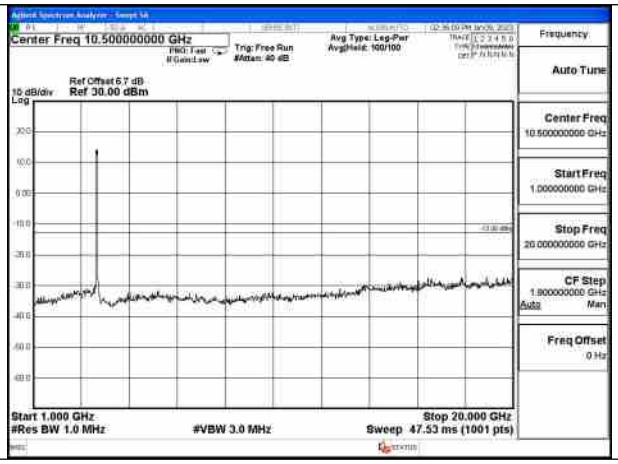


Fig.103



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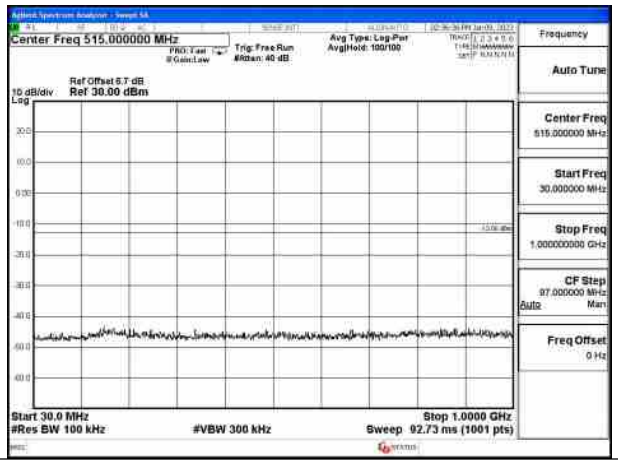

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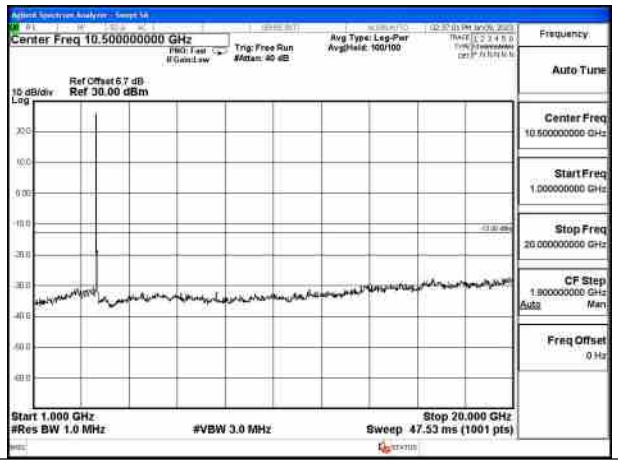

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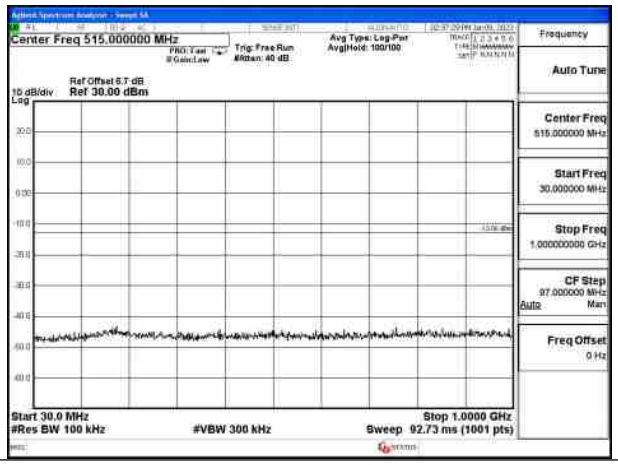


Fig.107

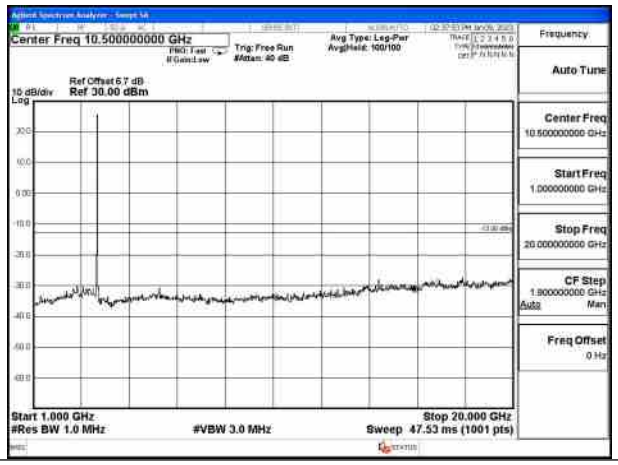


Fig.108

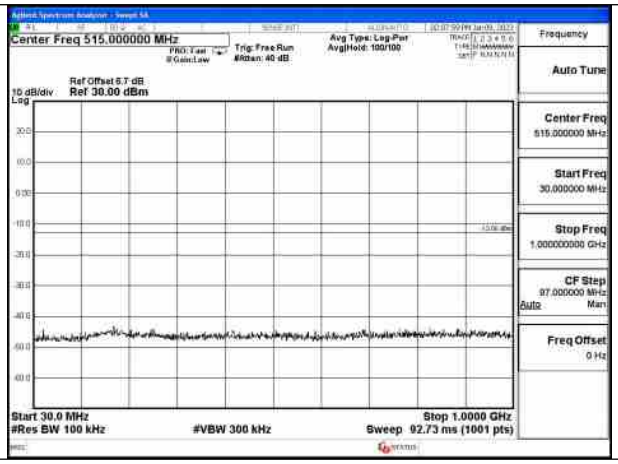
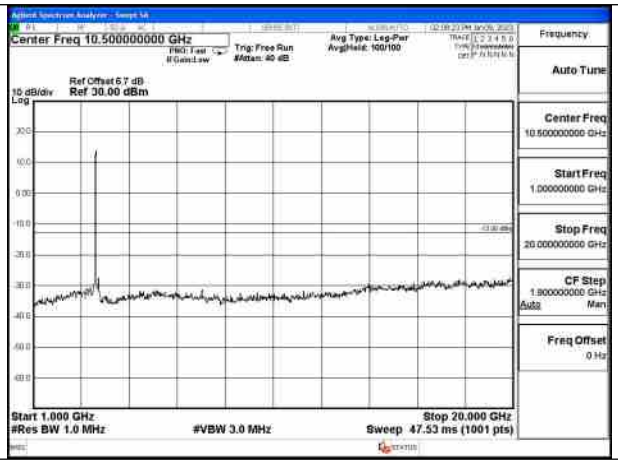


Fig.109



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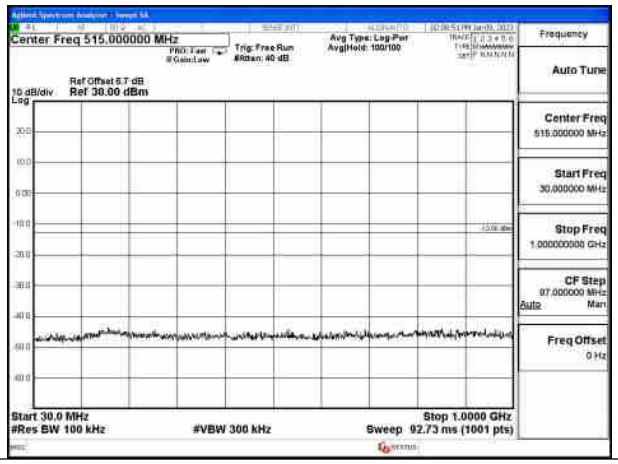

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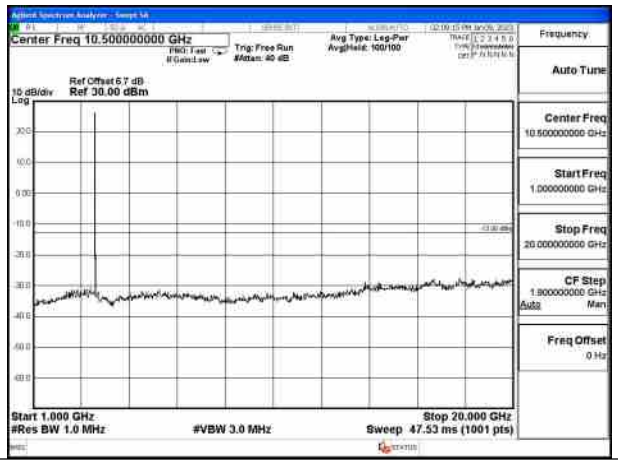


Fig.112

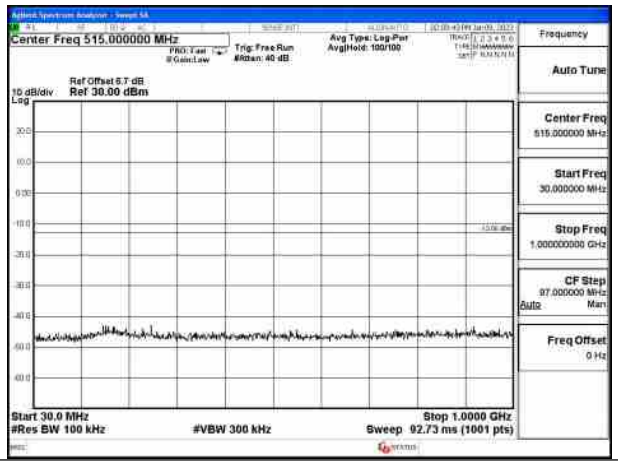


Fig.113

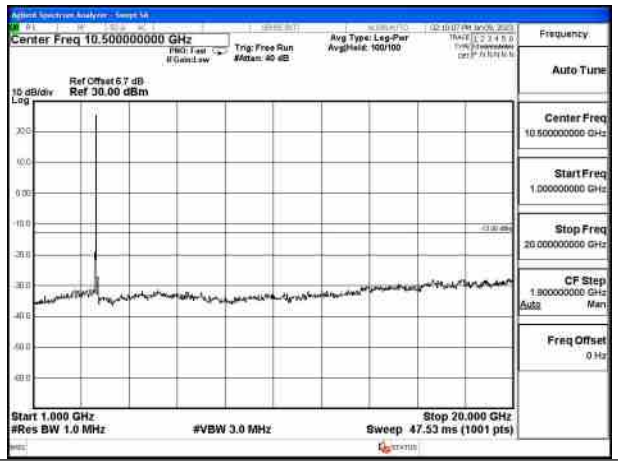
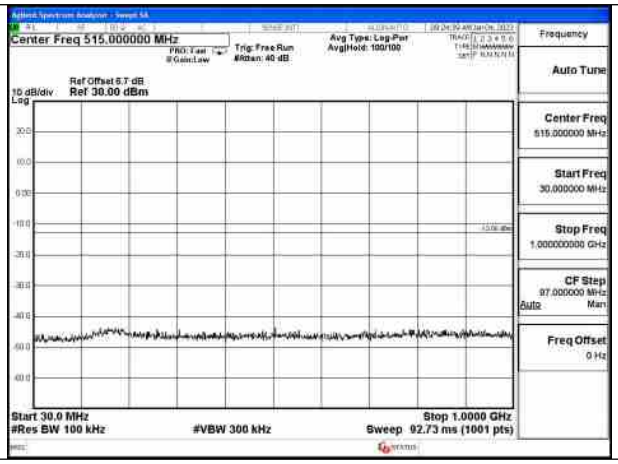


Fig.114



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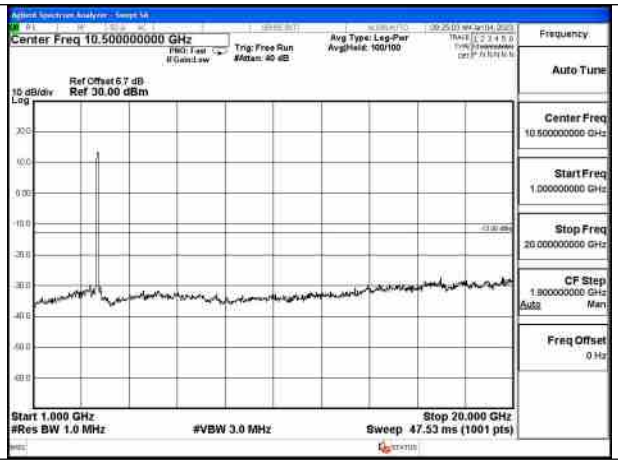

Fig.116

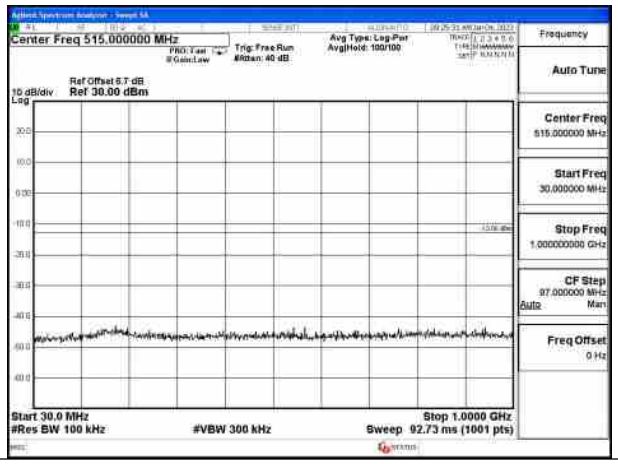

Fig.117

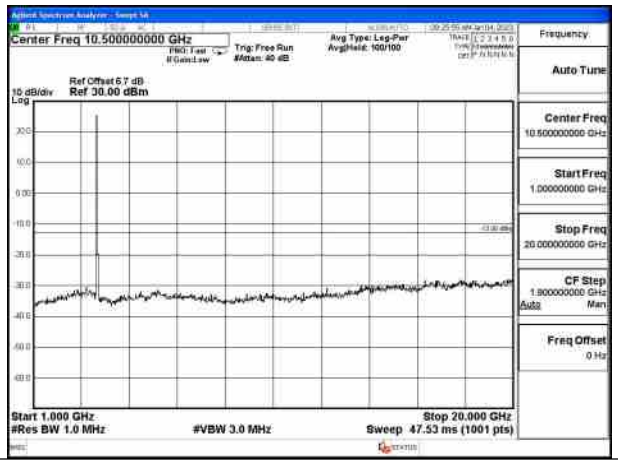

Fig.118

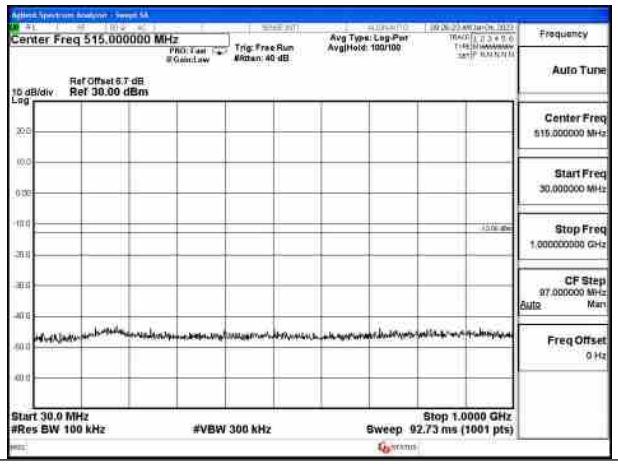

Fig.119

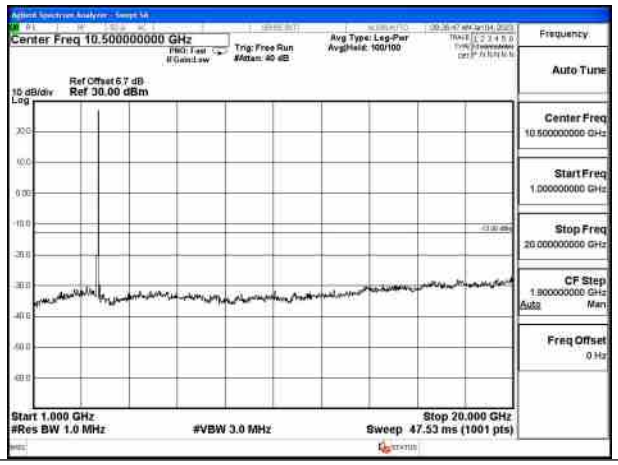

Fig.120

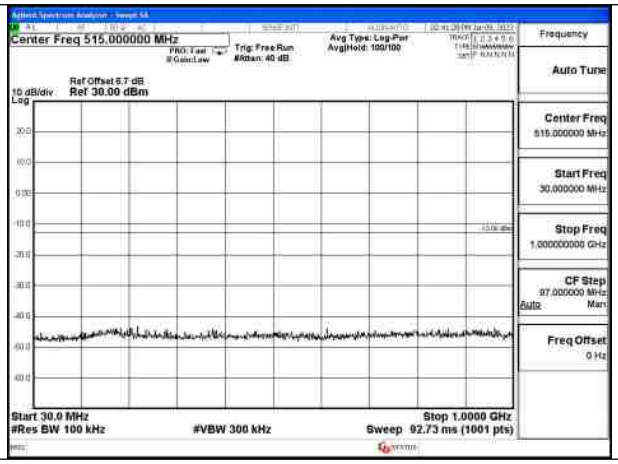

Fig.121

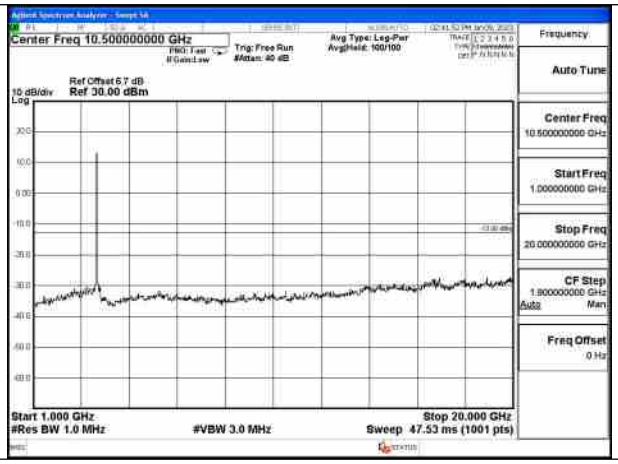

Fig.122

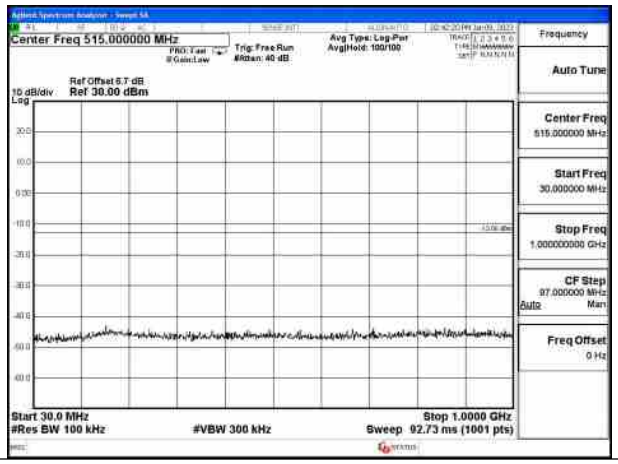

Fig.123

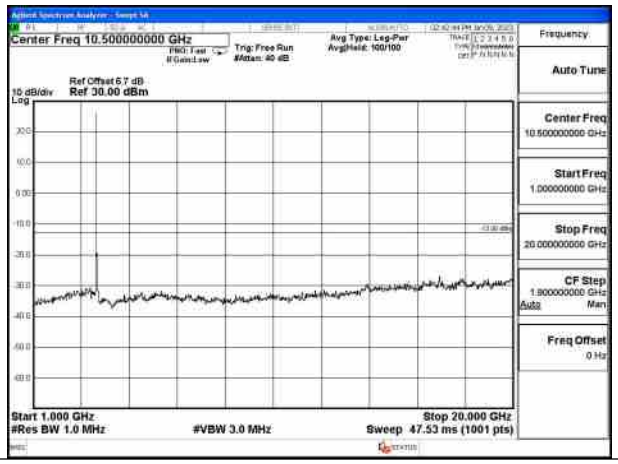

Fig.124

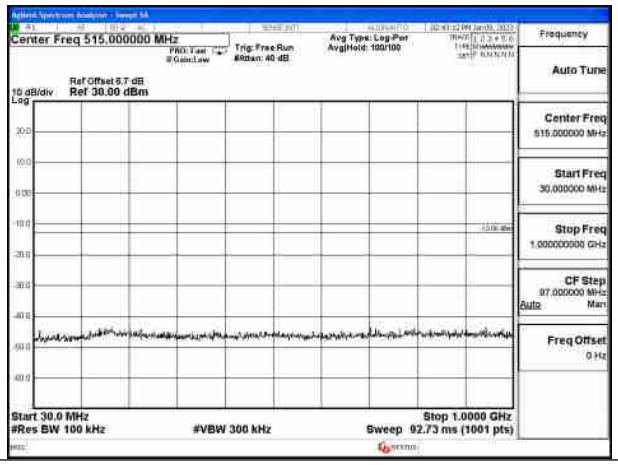

Fig.125

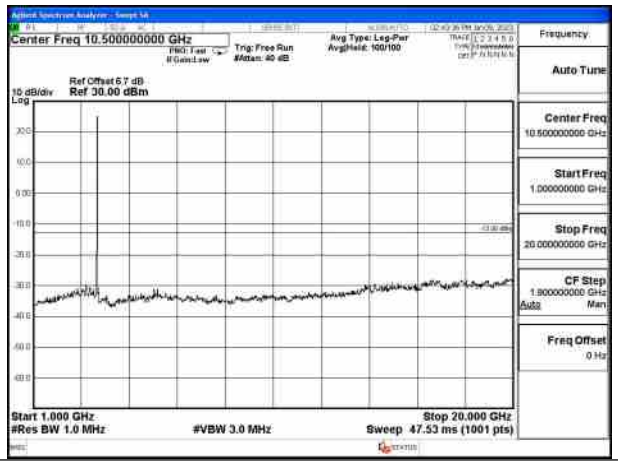

Fig.126