

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

NSA DC_41A_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	22.16
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	1	23	22.49
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	12	6	23.09
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	24	0	23.42
DFT-s-OFDM QPSK	3455.01	630334	10	1	0	22.95
DFT-s-OFDM QPSK	3455.01	630334	10	1	23	22.67
DFT-s-OFDM QPSK	3455.01	630334	10	12	6	23.00
DFT-s-OFDM QPSK	3455.01	630334	10	24	0	23.60
DFT-s-OFDM 16QAM	3455.01	630334	10	1	0	22.25
DFT-s-OFDM 16QAM	3455.01	630334	10	1	23	23.46
DFT-s-OFDM 16QAM	3455.01	630334	10	12	6	23.18
DFT-s-OFDM 16QAM	3455.01	630334	10	24	0	23.51
DFT-s-OFDM 64QAM	3455.01	630334	10	1	0	22.43
DFT-s-OFDM 64QAM	3455.01	630334	10	1	23	22.76
DFT-s-OFDM 64QAM	3455.01	630334	10	12	6	22.29
DFT-s-OFDM 64QAM	3455.01	630334	10	24	0	22.01
DFT-s-OFDM 256QAM	3455.01	630334	10	1	0	22.34
DFT-s-OFDM 256QAM	3455.01	630334	10	1	23	23.54
DFT-s-OFDM 256QAM	3455.01	630334	10	12	6	23.27
DFT-s-OFDM 256QAM	3455.01	630334	10	24	0	22.80
CP-OFDM QPSK	3455.01	630334	10	1	0	23.12
CP-OFDM QPSK	3455.01	630334	10	1	23	22.85
CP-OFDM QPSK	3455.01	630334	10	12	6	22.37
CP-OFDM QPSK	3455.01	630334	10	24	0	22.70
CP-OFDM 16QAM	3455.01	630334	10	1	0	23.30
CP-OFDM 16QAM	3455.01	630334	10	1	23	23.63
CP-OFDM 16QAM	3455.01	630334	10	12	6	22.28
CP-OFDM 16QAM	3455.01	630334	10	24	0	22.61
CP-OFDM 64QAM	3455.01	630334	10	1	0	23.21
CP-OFDM 64QAM	3455.01	630334	10	1	23	23.54
CP-OFDM 64QAM	3455.01	630334	10	12	6	22.19
CP-OFDM 64QAM	3455.01	630334	10	24	0	23.39
CP-OFDM 256QAM	3455.01	630334	10	1	0	23.12
CP-OFDM 256QAM	3455.01	630334	10	1	23	22.64
CP-OFDM 256QAM	3455.01	630334	10	12	6	22.37
CP-OFDM 256QAM	3455.01	630334	10	24	0	22.70
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	1	0	23.59
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	1	23	22.84
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	12	6	23.17
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	24	0	23.49
DFT-s-OFDM QPSK	3500.01	633334	10	1	0	22.74
DFT-s-OFDM QPSK	3500.01	633334	10	1	23	22.27

DFT-s-OFDM QPSK	3500.01	633334	10	12	6	22.32
DFT-s-OFDM QPSK	3500.01	633334	10	24	0	23.25
DFT-s-OFDM 16QAM	3500.01	633334	10	1	0	22.78
DFT-s-OFDM 16QAM	3500.01	633334	10	1	23	22.83
DFT-s-OFDM 16QAM	3500.01	633334	10	12	6	22.36
DFT-s-OFDM 16QAM	3500.01	633334	10	24	0	23.29
DFT-s-OFDM 64QAM	3500.01	633334	10	1	0	23.62
DFT-s-OFDM 64QAM	3500.01	633334	10	1	23	22.26
DFT-s-OFDM 64QAM	3500.01	633334	10	12	6	23.20
DFT-s-OFDM 64QAM	3500.01	633334	10	24	0	23.52
DFT-s-OFDM 256QAM	3500.01	633334	10	1	0	22.77
DFT-s-OFDM 256QAM	3500.01	633334	10	1	23	23.10
DFT-s-OFDM 256QAM	3500.01	633334	10	12	6	22.63
DFT-s-OFDM 256QAM	3500.01	633334	10	24	0	22.96
CP-OFDM QPSK	3500.01	633334	10	1	0	23.28
CP-OFDM QPSK	3500.01	633334	10	1	23	23.61
CP-OFDM QPSK	3500.01	633334	10	12	6	22.86
CP-OFDM QPSK	3500.01	633334	10	24	0	22.11
CP-OFDM 16QAM	3500.01	633334	10	1	0	22.44
CP-OFDM 16QAM	3500.01	633334	10	1	23	23.37
CP-OFDM 16QAM	3500.01	633334	10	12	6	22.02
CP-OFDM 16QAM	3500.01	633334	10	24	0	23.22
CP-OFDM 64QAM	3500.01	633334	10	1	0	23.55
CP-OFDM 64QAM	3500.01	633334	10	1	23	22.80
CP-OFDM 64QAM	3500.01	633334	10	12	6	23.13
CP-OFDM 64QAM	3500.01	633334	10	24	0	22.38
CP-OFDM 256QAM	3500.01	633334	10	1	0	22.71
CP-OFDM 256QAM	3500.01	633334	10	1	23	23.04
CP-OFDM 256QAM	3500.01	633334	10	12	6	22.29
CP-OFDM 256QAM	3500.01	633334	10	24	0	23.49
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	1	0	22.64
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	1	23	22.97
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	12	6	22.22
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	24	0	22.55
DFT-s-OFDM QPSK	3544.98	636332	10	1	0	23.48
DFT-s-OFDM QPSK	3544.98	636332	10	1	23	22.73
DFT-s-OFDM QPSK	3544.98	636332	10	12	6	23.66
DFT-s-OFDM QPSK	3544.98	636332	10	24	0	22.63
DFT-s-OFDM 16QAM	3544.98	636332	10	1	0	23.56
DFT-s-OFDM 16QAM	3544.98	636332	10	1	23	23.42
DFT-s-OFDM 16QAM	3544.98	636332	10	12	6	22.07
DFT-s-OFDM 16QAM	3544.98	636332	10	24	0	23.00
DFT-s-OFDM 64QAM	3544.98	636332	10	1	0	22.25
DFT-s-OFDM 64QAM	3544.98	636332	10	1	23	22.30
DFT-s-OFDM 64QAM	3544.98	636332	10	12	6	23.51
DFT-s-OFDM 64QAM	3544.98	636332	10	24	0	22.76

DFT-s-OFDM 256QAM	3544.98	636332	10	1	0	22.81
DFT-s-OFDM 256QAM	3544.98	636332	10	1	23	22.06
DFT-s-OFDM 256QAM	3544.98	636332	10	12	6	22.99
DFT-s-OFDM 256QAM	3544.98	636332	10	24	0	22.24
CP-OFDM QPSK	3544.98	636332	10	1	0	23.17
CP-OFDM QPSK	3544.98	636332	10	1	23	22.42
CP-OFDM QPSK	3544.98	636332	10	12	6	22.75
CP-OFDM QPSK	3544.98	636332	10	24	0	23.68
CP-OFDM 16QAM	3544.98	636332	10	1	0	22.93
CP-OFDM 16QAM	3544.98	636332	10	1	23	22.18
CP-OFDM 16QAM	3544.98	636332	10	12	6	23.11
CP-OFDM 16QAM	3544.98	636332	10	24	0	23.44
CP-OFDM 64QAM	3544.98	636332	10	1	0	22.69
CP-OFDM 64QAM	3544.98	636332	10	1	23	23.62
CP-OFDM 64QAM	3544.98	636332	10	12	6	23.68
CP-OFDM 64QAM	3544.98	636332	10	24	0	22.93
CP-OFDM 256QAM	3544.98	636332	10	1	0	22.18
CP-OFDM 256QAM	3544.98	636332	10	1	23	23.11
CP-OFDM 256QAM	3544.98	636332	10	12	6	22.36
CP-OFDM 256QAM	3544.98	636332	10	24	0	23.29

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	22.39
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	1	37	23.00
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	18	9	23.32
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	36	0	22.85
DFT-s-OFDM QPSK	3457.5	630500	15	1	0	22.57
DFT-s-OFDM QPSK	3457.5	630500	15	1	37	22.90
DFT-s-OFDM QPSK	3457.5	630500	15	18	9	22.43
DFT-s-OFDM QPSK	3457.5	630500	15	36	0	22.15
DFT-s-OFDM 16QAM	3457.5	630500	15	1	0	23.36
DFT-s-OFDM 16QAM	3457.5	630500	15	1	37	22.01
DFT-s-OFDM 16QAM	3457.5	630500	15	18	9	22.33
DFT-s-OFDM 16QAM	3457.5	630500	15	36	0	22.94
DFT-s-OFDM 64QAM	3457.5	630500	15	1	0	23.26
DFT-s-OFDM 64QAM	3457.5	630500	15	1	37	23.59
DFT-s-OFDM 64QAM	3457.5	630500	15	18	9	22.52
DFT-s-OFDM 64QAM	3457.5	630500	15	36	0	22.84
DFT-s-OFDM 256QAM	3457.5	630500	15	1	0	23.17
DFT-s-OFDM 256QAM	3457.5	630500	15	1	37	22.70
DFT-s-OFDM 256QAM	3457.5	630500	15	18	9	23.02
DFT-s-OFDM 256QAM	3457.5	630500	15	36	0	23.35
CP-OFDM QPSK	3457.5	630500	15	1	0	23.68
CP-OFDM QPSK	3457.5	630500	15	1	37	23.21
CP-OFDM QPSK	3457.5	630500	15	19	9	22.93

CP-OFDM QPSK	3457.5	630500	15	38	0	23.26
CP-OFDM 16QAM	3457.5	630500	15	1	0	22.78
CP-OFDM 16QAM	3457.5	630500	15	1	37	23.11
CP-OFDM 16QAM	3457.5	630500	15	19	9	22.04
CP-OFDM 16QAM	3457.5	630500	15	38	0	22.36
CP-OFDM 64QAM	3457.5	630500	15	1	0	22.69
CP-OFDM 64QAM	3457.5	630500	15	1	37	23.02
CP-OFDM 64QAM	3457.5	630500	15	19	9	23.62
CP-OFDM 64QAM	3457.5	630500	15	38	0	22.27
CP-OFDM 256QAM	3457.5	630500	15	1	0	22.60
CP-OFDM 256QAM	3457.5	630500	15	1	37	22.12
CP-OFDM 256QAM	3457.5	630500	15	19	9	23.53
CP-OFDM 256QAM	3457.5	630500	15	38	0	23.05
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	1	0	23.07
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	1	37	23.40
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	18	9	22.05
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	36	0	22.38
DFT-s-OFDM QPSK	3500.01	633334	15	1	0	23.31
DFT-s-OFDM QPSK	3500.01	633334	15	1	37	22.83
DFT-s-OFDM QPSK	3500.01	633334	15	18	9	22.89
DFT-s-OFDM QPSK	3500.01	633334	15	36	0	22.41
DFT-s-OFDM 16QAM	3500.01	633334	15	1	0	23.34
DFT-s-OFDM 16QAM	3500.01	633334	15	1	37	23.67
DFT-s-OFDM 16QAM	3500.01	633334	15	18	9	22.32
DFT-s-OFDM 16QAM	3500.01	633334	15	36	0	22.65
DFT-s-OFDM 64QAM	3500.01	633334	15	1	0	22.17
DFT-s-OFDM 64QAM	3500.01	633334	15	1	37	22.22
DFT-s-OFDM 64QAM	3500.01	633334	15	18	9	23.43
DFT-s-OFDM 64QAM	3500.01	633334	15	36	0	22.08
DFT-s-OFDM 256QAM	3500.01	633334	15	1	0	23.01
DFT-s-OFDM 256QAM	3500.01	633334	15	1	37	23.34
DFT-s-OFDM 256QAM	3500.01	633334	15	18	9	22.59
DFT-s-OFDM 256QAM	3500.01	633334	15	36	0	22.91
CP-OFDM QPSK	3500.01	633334	15	1	0	22.17
CP-OFDM QPSK	3500.01	633334	15	1	37	22.49
CP-OFDM QPSK	3500.01	633334	15	19	9	22.02
CP-OFDM QPSK	3500.01	633334	15	38	0	22.35
CP-OFDM 16QAM	3500.01	633334	15	1	0	22.67
CP-OFDM 16QAM	3500.01	633334	15	1	37	23.61
CP-OFDM 16QAM	3500.01	633334	15	19	9	22.25
CP-OFDM 16QAM	3500.01	633334	15	38	0	22.58
CP-OFDM 64QAM	3500.01	633334	15	1	0	23.51
CP-OFDM 64QAM	3500.01	633334	15	1	37	23.04
CP-OFDM 64QAM	3500.01	633334	15	19	9	23.09
CP-OFDM 64QAM	3500.01	633334	15	38	0	22.62
CP-OFDM 256QAM	3500.01	633334	15	1	0	23.55

CP-OFDM 256QAM	3500.01	633334	15	1	37	22.19
CP-OFDM 256QAM	3500.01	633334	15	19	9	23.13
CP-OFDM 256QAM	3500.01	633334	15	38	0	23.45
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	1	0	23.68
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	1	37	22.05
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	18	9	22.98
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	36	0	22.83
DFT-s-OFDM QPSK	3542.49	636166	15	1	0	22.08
DFT-s-OFDM QPSK	3542.49	636166	15	1	37	22.74
DFT-s-OFDM QPSK	3542.49	636166	15	18	9	23.67
DFT-s-OFDM QPSK	3542.49	636166	15	36	0	23.52
DFT-s-OFDM 16QAM	3542.49	636166	15	1	0	23.58
DFT-s-OFDM 16QAM	3542.49	636166	15	1	37	22.83
DFT-s-OFDM 16QAM	3542.49	636166	15	18	9	22.08
DFT-s-OFDM 16QAM	3542.49	636166	15	36	0	23.01
DFT-s-OFDM 64QAM	3542.49	636166	15	1	0	22.26
DFT-s-OFDM 64QAM	3542.49	636166	15	1	37	23.19
DFT-s-OFDM 64QAM	3542.49	636166	15	18	9	23.52
DFT-s-OFDM 64QAM	3542.49	636166	15	36	0	22.77
DFT-s-OFDM 256QAM	3542.49	636166	15	1	0	22.02
DFT-s-OFDM 256QAM	3542.49	636166	15	1	37	22.95
DFT-s-OFDM 256QAM	3542.49	636166	15	18	9	22.20
DFT-s-OFDM 256QAM	3542.49	636166	15	36	0	22.25
CP-OFDM QPSK	3542.49	636166	15	1	0	23.18
CP-OFDM QPSK	3542.49	636166	15	1	37	22.71
CP-OFDM QPSK	3542.49	636166	15	19	9	22.76
CP-OFDM QPSK	3542.49	636166	15	38	0	22.01
CP-OFDM 16QAM	3542.49	636166	15	1	0	22.94
CP-OFDM 16QAM	3542.49	636166	15	1	37	22.20
CP-OFDM 16QAM	3542.49	636166	15	19	9	23.13
CP-OFDM 16QAM	3542.49	636166	15	38	0	23.45
CP-OFDM 64QAM	3542.49	636166	15	1	0	22.70
CP-OFDM 64QAM	3542.49	636166	15	1	37	23.64
CP-OFDM 64QAM	3542.49	636166	15	19	9	22.89
CP-OFDM 64QAM	3542.49	636166	15	38	0	22.14
CP-OFDM 256QAM	3542.49	636166	15	1	0	23.07
CP-OFDM 256QAM	3542.49	636166	15	1	37	23.12
CP-OFDM 256QAM	3542.49	636166	15	19	9	22.65
CP-OFDM 256QAM	3542.49	636166	15	38	0	23.58

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	22.47
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	1	50	23.08
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	25	12	23.41
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	50	0	22.05

DFT-s-OFDM QPSK	3460.02	630668	20	1	0	23.26
DFT-s-OFDM QPSK	3460.02	630668	20	1	50	23.59
DFT-s-OFDM QPSK	3460.02	630668	20	25	12	22.23
DFT-s-OFDM QPSK	3460.02	630668	20	50	0	22.56
DFT-s-OFDM 16QAM	3460.02	630668	20	1	0	23.17
DFT-s-OFDM 16QAM	3460.02	630668	20	1	50	23.49
DFT-s-OFDM 16QAM	3460.02	630668	20	25	12	22.14
DFT-s-OFDM 16QAM	3460.02	630668	20	50	0	23.35
DFT-s-OFDM 64QAM	3460.02	630668	20	1	0	23.67
DFT-s-OFDM 64QAM	3460.02	630668	20	1	50	22.32
DFT-s-OFDM 64QAM	3460.02	630668	20	25	12	22.65
DFT-s-OFDM 64QAM	3460.02	630668	20	50	0	22.18
DFT-s-OFDM 256QAM	3460.02	630668	20	1	0	23.58
DFT-s-OFDM 256QAM	3460.02	630668	20	1	50	23.11
DFT-s-OFDM 256QAM	3460.02	630668	20	25	12	23.43
DFT-s-OFDM 256QAM	3460.02	630668	20	50	0	22.08
CP-OFDM QPSK	3460.02	630668	20	1	0	22.41
CP-OFDM QPSK	3460.02	630668	20	1	50	23.62
CP-OFDM QPSK	3460.02	630668	20	25	12	23.34
CP-OFDM QPSK	3460.02	630668	20	51	0	23.67
CP-OFDM 16QAM	3460.02	630668	20	1	0	23.19
CP-OFDM 16QAM	3460.02	630668	20	1	50	23.52
CP-OFDM 16QAM	3460.02	630668	20	25	12	22.17
CP-OFDM 16QAM	3460.02	630668	20	51	0	22.50
CP-OFDM 64QAM	3460.02	630668	20	1	0	22.02
CP-OFDM 64QAM	3460.02	630668	20	1	50	22.35
CP-OFDM 64QAM	3460.02	630668	20	25	12	22.95
CP-OFDM 64QAM	3460.02	630668	20	51	0	23.28
CP-OFDM 256QAM	3460.02	630668	20	1	0	23.61
CP-OFDM 256QAM	3460.02	630668	20	1	50	22.26
CP-OFDM 256QAM	3460.02	630668	20	25	12	23.46
CP-OFDM 256QAM	3460.02	630668	20	51	0	22.11
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	1	0	23.03
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	1	50	22.28
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	25	12	22.61
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	50	0	22.94
DFT-s-OFDM QPSK	3500.01	633334	20	1	0	22.19
DFT-s-OFDM QPSK	3500.01	633334	20	1	50	23.39
DFT-s-OFDM QPSK	3500.01	633334	20	25	12	22.04
DFT-s-OFDM QPSK	3500.01	633334	20	50	0	22.97
DFT-s-OFDM 16QAM	3500.01	633334	20	1	0	23.30
DFT-s-OFDM 16QAM	3500.01	633334	20	1	50	22.55
DFT-s-OFDM 16QAM	3500.01	633334	20	25	12	22.88
DFT-s-OFDM 16QAM	3500.01	633334	20	50	0	22.13
DFT-s-OFDM 64QAM	3500.01	633334	20	1	0	22.46
DFT-s-OFDM 64QAM	3500.01	633334	20	1	50	23.39

DFT-s-OFDM 64QAM	3500.01	633334	20	25	12	22.64
DFT-s-OFDM 64QAM	3500.01	633334	20	50	0	23.57
DFT-s-OFDM 256QAM	3500.01	633334	20	1	0	22.22
DFT-s-OFDM 256QAM	3500.01	633334	20	1	50	22.55
DFT-s-OFDM 256QAM	3500.01	633334	20	25	12	22.07
DFT-s-OFDM 256QAM	3500.01	633334	20	50	0	22.13
CP-OFDM QPSK	3500.01	633334	20	1	0	23.33
CP-OFDM QPSK	3500.01	633334	20	1	50	23.66
CP-OFDM QPSK	3500.01	633334	20	25	12	22.91
CP-OFDM QPSK	3500.01	633334	20	51	0	23.24
CP-OFDM 16QAM	3500.01	633334	20	1	0	23.57
CP-OFDM 16QAM	3500.01	633334	20	1	50	22.82
CP-OFDM 16QAM	3500.01	633334	20	25	12	23.14
CP-OFDM 16QAM	3500.01	633334	20	51	0	22.39
CP-OFDM 64QAM	3500.01	633334	20	1	0	23.60
CP-OFDM 64QAM	3500.01	633334	20	1	50	22.25
CP-OFDM 64QAM	3500.01	633334	20	25	12	23.18
CP-OFDM 64QAM	3500.01	633334	20	51	0	23.51
CP-OFDM 256QAM	3500.01	633334	20	1	0	22.15
CP-OFDM 256QAM	3500.01	633334	20	1	50	23.09
CP-OFDM 256QAM	3500.01	633334	20	25	12	23.41
CP-OFDM 256QAM	3500.01	633334	20	51	0	22.66
DFT-s-OFDM PI/2 BPSK	3540	636000	20	1	0	22.61
DFT-s-OFDM PI/2 BPSK	3540	636000	20	1	50	22.66
DFT-s-OFDM PI/2 BPSK	3540	636000	20	25	12	23.59
DFT-s-OFDM PI/2 BPSK	3540	636000	20	50	0	22.85
DFT-s-OFDM QPSK	3540	636000	20	1	0	22.10
DFT-s-OFDM QPSK	3540	636000	20	1	50	23.03
DFT-s-OFDM QPSK	3540	636000	20	25	12	22.28
DFT-s-OFDM QPSK	3540	636000	20	50	0	23.21
DFT-s-OFDM 16QAM	3540	636000	20	1	0	22.46
DFT-s-OFDM 16QAM	3540	636000	20	1	50	22.51
DFT-s-OFDM 16QAM	3540	636000	20	25	12	23.44
DFT-s-OFDM 16QAM	3540	636000	20	50	0	22.69
DFT-s-OFDM 64QAM	3540	636000	20	1	0	23.62
DFT-s-OFDM 64QAM	3540	636000	20	1	50	22.88
DFT-s-OFDM 64QAM	3540	636000	20	25	12	22.13
DFT-s-OFDM 64QAM	3540	636000	20	50	0	23.06
DFT-s-OFDM 256QAM	3540	636000	20	1	0	22.31
DFT-s-OFDM 256QAM	3540	636000	20	1	50	22.36
DFT-s-OFDM 256QAM	3540	636000	20	25	12	22.21
DFT-s-OFDM 256QAM	3540	636000	20	50	0	23.14
CP-OFDM QPSK	3540	636000	20	1	0	22.40
CP-OFDM QPSK	3540	636000	20	1	50	23.33
CP-OFDM QPSK	3540	636000	20	25	12	23.38
CP-OFDM QPSK	3540	636000	20	51	0	22.63

CP-OFDM 16QAM	3540	636000	20	1	0	23.56
CP-OFDM 16QAM	3540	636000	20	1	50	22.81
CP-OFDM 16QAM	3540	636000	20	25	12	22.06
CP-OFDM 16QAM	3540	636000	20	51	0	22.99
CP-OFDM 64QAM	3540	636000	20	1	0	23.32
CP-OFDM 64QAM	3540	636000	20	1	50	22.57
CP-OFDM 64QAM	3540	636000	20	25	12	23.23
CP-OFDM 64QAM	3540	636000	20	51	0	23.08
CP-OFDM 256QAM	3540	636000	20	1	0	22.06
CP-OFDM 256QAM	3540	636000	20	1	50	22.51
CP-OFDM 256QAM	3540	636000	20	25	12	23.17
CP-OFDM 256QAM	3540	636000	20	51	0	22.42

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	23.49
DFT-s-OFDM PI/2 BPSK	3465	631000	30	1	77	22.14
DFT-s-OFDM PI/2 BPSK	3465	631000	30	36	18	22.46
DFT-s-OFDM PI/2 BPSK	3465	631000	30	75	0	23.67
DFT-s-OFDM QPSK	3465	631000	30	1	0	23.39
DFT-s-OFDM QPSK	3465	631000	30	1	77	22.04
DFT-s-OFDM QPSK	3465	631000	30	36	18	23.25
DFT-s-OFDM QPSK	3465	631000	30	75	0	23.58
DFT-s-OFDM 16QAM	3465	631000	30	1	0	22.22
DFT-s-OFDM 16QAM	3465	631000	30	1	77	22.55
DFT-s-OFDM 16QAM	3465	631000	30	36	18	23.15
DFT-s-OFDM 16QAM	3465	631000	30	75	0	22.41
DFT-s-OFDM 64QAM	3465	631000	30	1	0	23.01
DFT-s-OFDM 64QAM	3465	631000	30	1	77	23.34
DFT-s-OFDM 64QAM	3465	631000	30	36	18	23.66
DFT-s-OFDM 64QAM	3465	631000	30	75	0	22.31
DFT-s-OFDM 256QAM	3465	631000	30	1	0	23.52
DFT-s-OFDM 256QAM	3465	631000	30	1	77	22.17
DFT-s-OFDM 256QAM	3465	631000	30	36	18	22.49
DFT-s-OFDM 256QAM	3465	631000	30	75	0	23.10
CP-OFDM QPSK	3465	631000	30	1	0	23.42
CP-OFDM QPSK	3465	631000	30	1	77	22.07
CP-OFDM QPSK	3465	631000	30	39	19	22.40
CP-OFDM QPSK	3465	631000	30	78	0	23.61
CP-OFDM 16QAM	3465	631000	30	1	0	23.33
CP-OFDM 16QAM	3465	631000	30	1	77	22.86
CP-OFDM 16QAM	3465	631000	30	39	19	23.18
CP-OFDM 16QAM	3465	631000	30	78	0	23.51
CP-OFDM 64QAM	3465	631000	30	1	0	22.16
CP-OFDM 64QAM	3465	631000	30	1	77	23.37
CP-OFDM 64QAM	3465	631000	30	39	19	23.09

CP-OFDM 64QAM	3465	631000	30	78	0	23.42
CP-OFDM 256QAM	3465	631000	30	1	0	22.94
CP-OFDM 256QAM	3465	631000	30	1	77	23.27
CP-OFDM 256QAM	3465	631000	30	39	19	23.60
CP-OFDM 256QAM	3465	631000	30	78	0	22.25
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	1	0	22.85
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	1	77	23.17
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	36	18	22.42
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	75	0	22.75
DFT-s-OFDM QPSK	3500.01	633334	30	1	0	22.28
DFT-s-OFDM QPSK	3500.01	633334	30	1	77	22.33
DFT-s-OFDM QPSK	3500.01	633334	30	36	18	23.54
DFT-s-OFDM QPSK	3500.01	633334	30	75	0	22.79
DFT-s-OFDM 16QAM	3500.01	633334	30	1	0	23.11
DFT-s-OFDM 16QAM	3500.01	633334	30	1	77	23.44
DFT-s-OFDM 16QAM	3500.01	633334	30	36	18	22.69
DFT-s-OFDM 16QAM	3500.01	633334	30	75	0	23.02
DFT-s-OFDM 64QAM	3500.01	633334	30	1	0	22.27
DFT-s-OFDM 64QAM	3500.01	633334	30	1	77	22.60
DFT-s-OFDM 64QAM	3500.01	633334	30	36	18	23.53
DFT-s-OFDM 64QAM	3500.01	633334	30	75	0	22.18
DFT-s-OFDM 256QAM	3500.01	633334	30	1	0	23.38
DFT-s-OFDM 256QAM	3500.01	633334	30	1	77	22.63
DFT-s-OFDM 256QAM	3500.01	633334	30	36	18	22.96
DFT-s-OFDM 256QAM	3500.01	633334	30	75	0	22.21
CP-OFDM QPSK	3500.01	633334	30	1	0	22.54
CP-OFDM QPSK	3500.01	633334	30	1	77	22.87
CP-OFDM QPSK	3500.01	633334	30	39	19	22.12
CP-OFDM QPSK	3500.01	633334	30	78	0	23.05
CP-OFDM 16QAM	3500.01	633334	30	1	0	23.38
CP-OFDM 16QAM	3500.01	633334	30	1	77	22.03
CP-OFDM 16QAM	3500.01	633334	30	39	19	22.96
CP-OFDM 16QAM	3500.01	633334	30	78	0	22.48
CP-OFDM 64QAM	3500.01	633334	30	1	0	22.54
CP-OFDM 64QAM	3500.01	633334	30	1	77	23.47
CP-OFDM 64QAM	3500.01	633334	30	39	19	22.99
CP-OFDM 64QAM	3500.01	633334	30	78	0	23.05
CP-OFDM 256QAM	3500.01	633334	30	1	0	22.30
CP-OFDM 256QAM	3500.01	633334	30	1	77	23.50
CP-OFDM 256QAM	3500.01	633334	30	39	19	23.55
CP-OFDM 256QAM	3500.01	633334	30	78	0	23.08
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	1	0	22.71
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	1	77	22.57
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	36	18	22.62
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	75	0	22.47
DFT-s-OFDM QPSK	3534.99	635666	30	1	0	23.40

DFT-s-OFDM QPSK	3534.99	635666	30	1	77	22.65
DFT-s-OFDM QPSK	3534.99	635666	30	36	18	23.58
DFT-s-OFDM QPSK	3534.99	635666	30	75	0	22.56
DFT-s-OFDM 16QAM	3534.99	635666	30	1	0	23.49
DFT-s-OFDM 16QAM	3534.99	635666	30	1	77	22.47
DFT-s-OFDM 16QAM	3534.99	635666	30	36	18	23.40
DFT-s-OFDM 16QAM	3534.99	635666	30	75	0	23.25
DFT-s-OFDM 64QAM	3534.99	635666	30	1	0	22.50
DFT-s-OFDM 64QAM	3534.99	635666	30	1	77	23.43
DFT-s-OFDM 64QAM	3534.99	635666	30	36	18	23.49
DFT-s-OFDM 64QAM	3534.99	635666	30	75	0	22.74
DFT-s-OFDM 256QAM	3534.99	635666	30	1	0	23.67
DFT-s-OFDM 256QAM	3534.99	635666	30	1	77	23.52
DFT-s-OFDM 256QAM	3534.99	635666	30	36	18	22.50
DFT-s-OFDM 256QAM	3534.99	635666	30	75	0	23.43
CP-OFDM QPSK	3534.99	635666	30	1	0	23.28
CP-OFDM QPSK	3534.99	635666	30	1	77	23.33
CP-OFDM QPSK	3534.99	635666	30	39	19	22.58
CP-OFDM QPSK	3534.99	635666	30	78	0	22.44
CP-OFDM 16QAM	3534.99	635666	30	1	0	23.37
CP-OFDM 16QAM	3534.99	635666	30	1	77	22.62
CP-OFDM 16QAM	3534.99	635666	30	39	19	22.67
CP-OFDM 16QAM	3534.99	635666	30	78	0	23.60
CP-OFDM 64QAM	3534.99	635666	30	1	0	22.85
CP-OFDM 64QAM	3534.99	635666	30	1	77	22.10
CP-OFDM 64QAM	3534.99	635666	30	39	19	23.64
CP-OFDM 64QAM	3534.99	635666	30	78	0	22.01
CP-OFDM 256QAM	3534.99	635666	30	1	0	22.94
CP-OFDM 256QAM	3534.99	635666	30	1	77	22.19
CP-OFDM 256QAM	3534.99	635666	30	39	19	23.12
CP-OFDM 256QAM	3534.99	635666	30	78	0	22.37

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	23.48
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	1	105	22.40
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	50	25	22.73
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	100	0	23.06
DFT-s-OFDM QPSK	3470.01	631334	40	1	0	23.38
DFT-s-OFDM QPSK	3470.01	631334	40	1	105	22.91
DFT-s-OFDM QPSK	3470.01	631334	40	50	25	23.24
DFT-s-OFDM QPSK	3470.01	631334	40	100	0	23.56
DFT-s-OFDM 16QAM	3470.01	631334	40	1	0	22.21
DFT-s-OFDM 16QAM	3470.01	631334	40	1	105	22.82
DFT-s-OFDM 16QAM	3470.01	631334	40	50	25	23.14
DFT-s-OFDM 16QAM	3470.01	631334	40	100	0	23.47

DFT-s-OFDM 64QAM	3470.01	631334	40	1	0	23.00
DFT-s-OFDM 64QAM	3470.01	631334	40	1	105	23.32
DFT-s-OFDM 64QAM	3470.01	631334	40	50	25	23.65
DFT-s-OFDM 64QAM	3470.01	631334	40	100	0	22.30
DFT-s-OFDM 256QAM	3470.01	631334	40	1	0	23.51
DFT-s-OFDM 256QAM	3470.01	631334	40	1	105	22.15
DFT-s-OFDM 256QAM	3470.01	631334	40	50	25	22.48
DFT-s-OFDM 256QAM	3470.01	631334	40	100	0	22.81
CP-OFDM QPSK	3470.01	631334	40	1	0	22.34
CP-OFDM QPSK	3470.01	631334	40	1	105	23.27
CP-OFDM QPSK	3470.01	631334	40	53	26	23.59
CP-OFDM QPSK	3470.01	631334	40	106	0	22.24
CP-OFDM 16QAM	3470.01	631334	40	1	0	22.57
CP-OFDM 16QAM	3470.01	631334	40	1	105	22.10
CP-OFDM 16QAM	3470.01	631334	40	53	26	22.42
CP-OFDM 16QAM	3470.01	631334	40	106	0	22.75
CP-OFDM 64QAM	3470.01	631334	40	1	0	23.68
CP-OFDM 64QAM	3470.01	631334	40	1	105	22.61
CP-OFDM 64QAM	3470.01	631334	40	53	26	22.66
CP-OFDM 64QAM	3470.01	631334	40	106	0	22.18
CP-OFDM 256QAM	3470.01	631334	40	1	0	22.51
CP-OFDM 256QAM	3470.01	631334	40	1	105	22.84
CP-OFDM 256QAM	3470.01	631334	40	53	26	23.17
CP-OFDM 256QAM	3470.01	631334	40	106	0	22.69
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	1	0	22.38
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	1	105	23.31
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	50	25	22.84
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	100	0	23.17
DFT-s-OFDM QPSK	3500.01	633334	40	1	0	22.42
DFT-s-OFDM QPSK	3500.01	633334	40	1	105	22.75
DFT-s-OFDM QPSK	3500.01	633334	40	50	25	23.68
DFT-s-OFDM QPSK	3500.01	633334	40	100	0	22.33
DFT-s-OFDM 16QAM	3500.01	633334	40	1	0	23.26
DFT-s-OFDM 16QAM	3500.01	633334	40	1	105	23.58
DFT-s-OFDM 16QAM	3500.01	633334	40	50	25	22.23
DFT-s-OFDM 16QAM	3500.01	633334	40	100	0	23.16
DFT-s-OFDM 64QAM	3500.01	633334	40	1	0	22.41
DFT-s-OFDM 64QAM	3500.01	633334	40	1	105	22.74
DFT-s-OFDM 64QAM	3500.01	633334	40	50	25	22.27
DFT-s-OFDM 64QAM	3500.01	633334	40	100	0	23.20
DFT-s-OFDM 256QAM	3500.01	633334	40	1	0	23.53
DFT-s-OFDM 256QAM	3500.01	633334	40	1	105	22.17
DFT-s-OFDM 256QAM	3500.01	633334	40	50	25	23.10
DFT-s-OFDM 256QAM	3500.01	633334	40	100	0	23.43
CP-OFDM QPSK	3500.01	633334	40	1	0	22.68
CP-OFDM QPSK	3500.01	633334	40	1	105	23.61

CP-OFDM QPSK	3500.01	633334	40	53	26	22.26
CP-OFDM QPSK	3500.01	633334	40	106	0	23.19
CP-OFDM 16QAM	3500.01	633334	40	1	0	23.52
CP-OFDM 16QAM	3500.01	633334	40	1	105	22.77
CP-OFDM 16QAM	3500.01	633334	40	53	26	23.10
CP-OFDM 16QAM	3500.01	633334	40	106	0	22.35
CP-OFDM 64QAM	3500.01	633334	40	1	0	23.55
CP-OFDM 64QAM	3500.01	633334	40	1	105	23.61
CP-OFDM 64QAM	3500.01	633334	40	53	26	22.86
CP-OFDM 64QAM	3500.01	633334	40	106	0	22.38
CP-OFDM 256QAM	3500.01	633334	40	1	0	22.71
CP-OFDM 256QAM	3500.01	633334	40	1	105	23.64
CP-OFDM 256QAM	3500.01	633334	40	53	26	22.89
CP-OFDM 256QAM	3500.01	633334	40	106	0	23.22
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	1	0	22.52
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	1	105	23.18
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	50	25	22.43
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	100	0	23.08
DFT-s-OFDM QPSK	3529.98	635332	40	1	0	22.94
DFT-s-OFDM QPSK	3529.98	635332	40	1	105	22.19
DFT-s-OFDM QPSK	3529.98	635332	40	50	25	23.12
DFT-s-OFDM QPSK	3529.98	635332	40	100	0	22.37
DFT-s-OFDM 16QAM	3529.98	635332	40	1	0	22.42
DFT-s-OFDM 16QAM	3529.98	635332	40	1	105	23.35
DFT-s-OFDM 16QAM	3529.98	635332	40	50	25	23.20
DFT-s-OFDM 16QAM	3529.98	635332	40	100	0	22.46
DFT-s-OFDM 64QAM	3529.98	635332	40	1	0	23.11
DFT-s-OFDM 64QAM	3529.98	635332	40	1	105	22.36
DFT-s-OFDM 64QAM	3529.98	635332	40	50	25	23.29
DFT-s-OFDM 64QAM	3529.98	635332	40	100	0	22.54
DFT-s-OFDM 256QAM	3529.98	635332	40	1	0	23.20
DFT-s-OFDM 256QAM	3529.98	635332	40	1	105	22.45
DFT-s-OFDM 256QAM	3529.98	635332	40	50	25	23.38
DFT-s-OFDM 256QAM	3529.98	635332	40	100	0	22.63
CP-OFDM QPSK	3529.98	635332	40	1	0	23.56
CP-OFDM QPSK	3529.98	635332	40	1	105	22.81
CP-OFDM QPSK	3529.98	635332	40	53	26	23.47
CP-OFDM QPSK	3529.98	635332	40	106	0	22.72
CP-OFDM 16QAM	3529.98	635332	40	1	0	23.65
CP-OFDM 16QAM	3529.98	635332	40	1	105	22.90
CP-OFDM 16QAM	3529.98	635332	40	53	26	23.56
CP-OFDM 16QAM	3529.98	635332	40	106	0	22.81
CP-OFDM 64QAM	3529.98	635332	40	1	0	22.66
CP-OFDM 64QAM	3529.98	635332	40	1	105	23.32
CP-OFDM 64QAM	3529.98	635332	40	53	26	22.57
CP-OFDM 64QAM	3529.98	635332	40	106	0	23.50

CP-OFDM 256QAM	3529.98	635332	40	1	0	22.75
CP-OFDM 256QAM	3529.98	635332	40	1	105	23.68
CP-OFDM 256QAM	3529.98	635332	40	53	26	22.93
CP-OFDM 256QAM	3529.98	635332	40	106	0	22.98

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	23.65
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	1	132	22.30
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	64	32	22.62
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	128	0	23.55
DFT-s-OFDM QPSK	3475.02	631668	50	1	0	22.20
DFT-s-OFDM QPSK	3475.02	631668	50	1	132	23.41
DFT-s-OFDM QPSK	3475.02	631668	50	64	32	22.06
DFT-s-OFDM QPSK	3475.02	631668	50	128	0	22.99
DFT-s-OFDM 16QAM	3475.02	631668	50	1	0	23.31
DFT-s-OFDM 16QAM	3475.02	631668	50	1	132	23.64
DFT-s-OFDM 16QAM	3475.02	631668	50	64	32	23.17
DFT-s-OFDM 16QAM	3475.02	631668	50	128	0	23.50
DFT-s-OFDM 64QAM	3475.02	631668	50	1	0	22.14
DFT-s-OFDM 64QAM	3475.02	631668	50	1	132	22.47
DFT-s-OFDM 64QAM	3475.02	631668	50	64	32	23.68
DFT-s-OFDM 64QAM	3475.02	631668	50	128	0	22.32
DFT-s-OFDM 256QAM	3475.02	631668	50	1	0	22.65
DFT-s-OFDM 256QAM	3475.02	631668	50	1	132	22.98
DFT-s-OFDM 256QAM	3475.02	631668	50	64	32	22.51
DFT-s-OFDM 256QAM	3475.02	631668	50	128	0	22.83
CP-OFDM QPSK	3475.02	631668	50	1	0	23.16
CP-OFDM QPSK	3475.02	631668	50	1	132	23.49
CP-OFDM QPSK	3475.02	631668	50	67	33	23.02
CP-OFDM QPSK	3475.02	631668	50	133	0	23.34
CP-OFDM 16QAM	3475.02	631668	50	1	0	23.67
CP-OFDM 16QAM	3475.02	631668	50	1	132	22.32
CP-OFDM 16QAM	3475.02	631668	50	67	33	23.25
CP-OFDM 16QAM	3475.02	631668	50	133	0	23.58
CP-OFDM 64QAM	3475.02	631668	50	1	0	23.10
CP-OFDM 64QAM	3475.02	631668	50	1	132	23.43
CP-OFDM 64QAM	3475.02	631668	50	67	33	22.68
CP-OFDM 64QAM	3475.02	631668	50	133	0	23.01
CP-OFDM 256QAM	3475.02	631668	50	1	0	23.34
CP-OFDM 256QAM	3475.02	631668	50	1	132	22.86
CP-OFDM 256QAM	3475.02	631668	50	67	33	23.19
CP-OFDM 256QAM	3475.02	631668	50	133	0	23.52
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	1	0	23.13
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	1	132	23.46
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	64	32	22.71

DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	128	0	22.23
DFT-s-OFDM QPSK	3500.01	633334	50	1	0	22.28
DFT-s-OFDM QPSK	3500.01	633334	50	1	132	23.22
DFT-s-OFDM QPSK	3500.01	633334	50	64	32	22.74
DFT-s-OFDM QPSK	3500.01	633334	50	128	0	23.07
DFT-s-OFDM 16QAM	3500.01	633334	50	1	0	22.32
DFT-s-OFDM 16QAM	3500.01	633334	50	1	132	23.25
DFT-s-OFDM 16QAM	3500.01	633334	50	64	32	23.30
DFT-s-OFDM 16QAM	3500.01	633334	50	128	0	22.83
DFT-s-OFDM 64QAM	3500.01	633334	50	1	0	23.16
DFT-s-OFDM 64QAM	3500.01	633334	50	1	132	22.41
DFT-s-OFDM 64QAM	3500.01	633334	50	64	32	23.34
DFT-s-OFDM 64QAM	3500.01	633334	50	128	0	23.67
DFT-s-OFDM 256QAM	3500.01	633334	50	1	0	22.92
DFT-s-OFDM 256QAM	3500.01	633334	50	1	132	23.24
DFT-s-OFDM 256QAM	3500.01	633334	50	64	32	22.50
DFT-s-OFDM 256QAM	3500.01	633334	50	128	0	22.82
CP-OFDM QPSK	3500.01	633334	50	1	0	22.07
CP-OFDM QPSK	3500.01	633334	50	1	132	22.40
CP-OFDM QPSK	3500.01	633334	50	67	33	23.33
CP-OFDM QPSK	3500.01	633334	50	133	0	23.66
CP-OFDM 16QAM	3500.01	633334	50	1	0	22.91
CP-OFDM 16QAM	3500.01	633334	50	1	132	22.44
CP-OFDM 16QAM	3500.01	633334	50	67	33	22.49
CP-OFDM 16QAM	3500.01	633334	50	133	0	22.02
CP-OFDM 64QAM	3500.01	633334	50	1	0	22.95
CP-OFDM 64QAM	3500.01	633334	50	1	132	23.27
CP-OFDM 64QAM	3500.01	633334	50	67	33	22.52
CP-OFDM 64QAM	3500.01	633334	50	133	0	22.85
CP-OFDM 256QAM	3500.01	633334	50	1	0	22.10
CP-OFDM 256QAM	3500.01	633334	50	1	132	22.43
CP-OFDM 256QAM	3500.01	633334	50	67	33	23.36
CP-OFDM 256QAM	3500.01	633334	50	133	0	22.61
DFT-s-OFDM PI/2 BPSK	3525	635000	50	1	0	22.80
DFT-s-OFDM PI/2 BPSK	3525	635000	50	1	132	23.46
DFT-s-OFDM PI/2 BPSK	3525	635000	50	64	32	22.71
DFT-s-OFDM PI/2 BPSK	3525	635000	50	128	0	22.56
DFT-s-OFDM QPSK	3525	635000	50	1	0	23.22
DFT-s-OFDM QPSK	3525	635000	50	1	132	22.47
DFT-s-OFDM QPSK	3525	635000	50	64	32	22.32
DFT-s-OFDM QPSK	3525	635000	50	128	0	22.98
DFT-s-OFDM 16QAM	3525	635000	50	1	0	22.23
DFT-s-OFDM 16QAM	3525	635000	50	1	132	22.88
DFT-s-OFDM 16QAM	3525	635000	50	64	32	22.14
DFT-s-OFDM 16QAM	3525	635000	50	128	0	23.07
DFT-s-OFDM 64QAM	3525	635000	50	1	0	22.92

DFT-s-OFDM 64QAM	3525	635000	50	1	132	22.17
DFT-s-OFDM 64QAM	3525	635000	50	64	32	22.83
DFT-s-OFDM 64QAM	3525	635000	50	128	0	22.08
DFT-s-OFDM 256QAM	3525	635000	50	1	0	23.01
DFT-s-OFDM 256QAM	3525	635000	50	1	132	22.26
DFT-s-OFDM 256QAM	3525	635000	50	64	32	23.19
DFT-s-OFDM 256QAM	3525	635000	50	128	0	23.24
CP-OFDM QPSK	3525	635000	50	1	0	23.10
CP-OFDM QPSK	3525	635000	50	1	132	22.35
CP-OFDM QPSK	3525	635000	50	67	33	23.28
CP-OFDM QPSK	3525	635000	50	133	0	22.25
CP-OFDM 16QAM	3525	635000	50	1	0	23.18
CP-OFDM 16QAM	3525	635000	50	1	132	22.43
CP-OFDM 16QAM	3525	635000	50	67	33	23.09
CP-OFDM 16QAM	3525	635000	50	133	0	22.34
CP-OFDM 64QAM	3525	635000	50	1	0	23.27
CP-OFDM 64QAM	3525	635000	50	1	132	22.52
CP-OFDM 64QAM	3525	635000	50	67	33	23.45
CP-OFDM 64QAM	3525	635000	50	133	0	22.43
CP-OFDM 256QAM	3525	635000	50	1	0	23.36
CP-OFDM 256QAM	3525	635000	50	1	132	23.21
CP-OFDM 256QAM	3525	635000	50	67	33	22.46
CP-OFDM 256QAM	3525	635000	50	133	0	23.39

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	22.04
DFT-s-OFDM PI/2 BPSK	3480	632000	60	1	161	22.37
DFT-s-OFDM PI/2 BPSK	3480	632000	60	81	40	23.58
DFT-s-OFDM PI/2 BPSK	3480	632000	60	162	0	22.23
DFT-s-OFDM QPSK	3480	632000	60	1	0	22.55
DFT-s-OFDM QPSK	3480	632000	60	1	161	22.88
DFT-s-OFDM QPSK	3480	632000	60	81	40	22.41
DFT-s-OFDM QPSK	3480	632000	60	162	0	22.74
DFT-s-OFDM 16QAM	3480	632000	60	1	0	23.06
DFT-s-OFDM 16QAM	3480	632000	60	1	161	23.39
DFT-s-OFDM 16QAM	3480	632000	60	81	40	22.92
DFT-s-OFDM 16QAM	3480	632000	60	162	0	23.24
DFT-s-OFDM 64QAM	3480	632000	60	1	0	23.57
DFT-s-OFDM 64QAM	3480	632000	60	1	161	22.22
DFT-s-OFDM 64QAM	3480	632000	60	81	40	23.43
DFT-s-OFDM 64QAM	3480	632000	60	162	0	22.07
DFT-s-OFDM 256QAM	3480	632000	60	1	0	22.40
DFT-s-OFDM 256QAM	3480	632000	60	1	161	22.73
DFT-s-OFDM 256QAM	3480	632000	60	81	40	23.66
DFT-s-OFDM 256QAM	3480	632000	60	162	0	22.31

CP-OFDM QPSK	3480	632000	60	1	0	23.51
CP-OFDM QPSK	3480	632000	60	1	161	22.16
CP-OFDM QPSK	3480	632000	60	81	40	22.76
CP-OFDM QPSK	3480	632000	60	162	0	22.82
CP-OFDM 16QAM	3480	632000	60	1	0	22.34
CP-OFDM 16QAM	3480	632000	60	1	161	22.67
CP-OFDM 16QAM	3480	632000	60	81	40	23.00
CP-OFDM 16QAM	3480	632000	60	162	0	23.33
CP-OFDM 64QAM	3480	632000	60	1	0	22.85
CP-OFDM 64QAM	3480	632000	60	1	161	23.18
CP-OFDM 64QAM	3480	632000	60	81	40	23.51
CP-OFDM 64QAM	3480	632000	60	162	0	22.76
CP-OFDM 256QAM	3480	632000	60	1	0	22.01
CP-OFDM 256QAM	3480	632000	60	1	161	22.34
CP-OFDM 256QAM	3480	632000	60	81	40	22.67
CP-OFDM 256QAM	3480	632000	60	162	0	23.60
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	1	0	22.79
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	1	161	23.12
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	81	40	22.37
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	162	0	23.30
DFT-s-OFDM QPSK	3500.01	633334	60	1	0	23.63
DFT-s-OFDM QPSK	3500.01	633334	60	1	161	22.88
DFT-s-OFDM QPSK	3500.01	633334	60	81	40	23.21
DFT-s-OFDM QPSK	3500.01	633334	60	162	0	22.46
DFT-s-OFDM 16QAM	3500.01	633334	60	1	0	23.39
DFT-s-OFDM 16QAM	3500.01	633334	60	1	161	22.04
DFT-s-OFDM 16QAM	3500.01	633334	60	81	40	22.97
DFT-s-OFDM 16QAM	3500.01	633334	60	162	0	23.30
DFT-s-OFDM 64QAM	3500.01	633334	60	1	0	22.55
DFT-s-OFDM 64QAM	3500.01	633334	60	1	161	22.88
DFT-s-OFDM 64QAM	3500.01	633334	60	81	40	22.13
DFT-s-OFDM 64QAM	3500.01	633334	60	162	0	22.46
DFT-s-OFDM 256QAM	3500.01	633334	60	1	0	23.39
DFT-s-OFDM 256QAM	3500.01	633334	60	1	161	22.64
DFT-s-OFDM 256QAM	3500.01	633334	60	81	40	22.96
DFT-s-OFDM 256QAM	3500.01	633334	60	162	0	22.22
CP-OFDM QPSK	3500.01	633334	60	1	0	22.54
CP-OFDM QPSK	3500.01	633334	60	1	161	23.47
CP-OFDM QPSK	3500.01	633334	60	81	40	23.00
CP-OFDM QPSK	3500.01	633334	60	162	0	23.05
CP-OFDM 16QAM	3500.01	633334	60	1	0	22.30
CP-OFDM 16QAM	3500.01	633334	60	1	161	23.23
CP-OFDM 16QAM	3500.01	633334	60	81	40	22.48
CP-OFDM 16QAM	3500.01	633334	60	162	0	22.81
CP-OFDM 64QAM	3500.01	633334	60	1	0	22.06
CP-OFDM 64QAM	3500.01	633334	60	1	161	22.99

CP-OFDM 64QAM	3500.01	633334	60	81	40	23.32
CP-OFDM 64QAM	3500.01	633334	60	162	0	22.57
CP-OFDM 256QAM	3500.01	633334	60	1	0	22.90
CP-OFDM 256QAM	3500.01	633334	60	1	161	22.43
CP-OFDM 256QAM	3500.01	633334	60	81	40	23.36
CP-OFDM 256QAM	3500.01	633334	60	162	0	23.68
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	1	0	22.33
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	1	161	22.99
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	81	40	22.84
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	162	0	22.09
DFT-s-OFDM QPSK	3519.99	634666	60	1	0	22.75
DFT-s-OFDM QPSK	3519.99	634666	60	1	161	22.60
DFT-s-OFDM QPSK	3519.99	634666	60	81	40	23.26
DFT-s-OFDM QPSK	3519.99	634666	60	162	0	23.11
DFT-s-OFDM 16QAM	3519.99	634666	60	1	0	22.09
DFT-s-OFDM 16QAM	3519.99	634666	60	1	161	23.62
DFT-s-OFDM 16QAM	3519.99	634666	60	81	40	22.87
DFT-s-OFDM 16QAM	3519.99	634666	60	162	0	23.53
DFT-s-OFDM 64QAM	3519.99	634666	60	1	0	22.78
DFT-s-OFDM 64QAM	3519.99	634666	60	1	161	22.63
DFT-s-OFDM 64QAM	3519.99	634666	60	81	40	22.69
DFT-s-OFDM 64QAM	3519.99	634666	60	162	0	23.62
DFT-s-OFDM 256QAM	3519.99	634666	60	1	0	23.47
DFT-s-OFDM 256QAM	3519.99	634666	60	1	161	22.72
DFT-s-OFDM 256QAM	3519.99	634666	60	81	40	23.65
DFT-s-OFDM 256QAM	3519.99	634666	60	162	0	22.63
CP-OFDM QPSK	3519.99	634666	60	1	0	23.56
CP-OFDM QPSK	3519.99	634666	60	1	161	22.81
CP-OFDM QPSK	3519.99	634666	60	81	40	23.47
CP-OFDM QPSK	3519.99	634666	60	162	0	22.72
CP-OFDM 16QAM	3519.99	634666	60	1	0	23.65
CP-OFDM 16QAM	3519.99	634666	60	1	161	23.50
CP-OFDM 16QAM	3519.99	634666	60	81	40	23.55
CP-OFDM 16QAM	3519.99	634666	60	162	0	22.80
CP-OFDM 64QAM	3519.99	634666	60	1	0	22.66
CP-OFDM 64QAM	3519.99	634666	60	1	161	23.59
CP-OFDM 64QAM	3519.99	634666	60	81	40	22.56
CP-OFDM 64QAM	3519.99	634666	60	162	0	23.49
CP-OFDM 256QAM	3519.99	634666	60	1	0	22.75
CP-OFDM 256QAM	3519.99	634666	60	1	161	23.68
CP-OFDM 256QAM	3519.99	634666	60	81	40	22.65
CP-OFDM 256QAM	3519.99	634666	60	162	0	23.58

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	22.72

DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	1	216	23.05
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	108	54	23.38
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	216	0	22.63
DFT-s-OFDM QPSK	3490.02	632668	80	1	0	22.16
DFT-s-OFDM QPSK	3490.02	632668	80	1	216	22.48
DFT-s-OFDM QPSK	3490.02	632668	80	108	54	22.81
DFT-s-OFDM QPSK	3490.02	632668	80	216	0	23.14
DFT-s-OFDM 16QAM	3490.02	632668	80	1	0	22.67
DFT-s-OFDM 16QAM	3490.02	632668	80	1	216	22.99
DFT-s-OFDM 16QAM	3490.02	632668	80	108	54	22.24
DFT-s-OFDM 16QAM	3490.02	632668	80	216	0	22.57
DFT-s-OFDM 64QAM	3490.02	632668	80	1	0	22.90
DFT-s-OFDM 64QAM	3490.02	632668	80	1	216	23.23
DFT-s-OFDM 64QAM	3490.02	632668	80	108	54	22.48
DFT-s-OFDM 64QAM	3490.02	632668	80	216	0	23.68
DFT-s-OFDM 256QAM	3490.02	632668	80	1	0	22.33
DFT-s-OFDM 256QAM	3490.02	632668	80	1	216	22.66
DFT-s-OFDM 256QAM	3490.02	632668	80	108	54	22.99
DFT-s-OFDM 256QAM	3490.02	632668	80	216	0	22.51
CP-OFDM QPSK	3490.02	632668	80	1	0	22.57
CP-OFDM QPSK	3490.02	632668	80	1	216	22.09
CP-OFDM QPSK	3490.02	632668	80	109	54	22.42
CP-OFDM QPSK	3490.02	632668	80	217	0	22.75
CP-OFDM 16QAM	3490.02	632668	80	1	0	23.08
CP-OFDM 16QAM	3490.02	632668	80	1	216	22.33
CP-OFDM 16QAM	3490.02	632668	80	109	54	23.53
CP-OFDM 16QAM	3490.02	632668	80	217	0	23.59
CP-OFDM 64QAM	3490.02	632668	80	1	0	23.11
CP-OFDM 64QAM	3490.02	632668	80	1	216	23.44
CP-OFDM 64QAM	3490.02	632668	80	109	54	22.69
CP-OFDM 64QAM	3490.02	632668	80	217	0	23.02
CP-OFDM 256QAM	3490.02	632668	80	1	0	23.35
CP-OFDM 256QAM	3490.02	632668	80	1	216	22.60
CP-OFDM 256QAM	3490.02	632668	80	109	54	22.92
CP-OFDM 256QAM	3490.02	632668	80	217	0	22.45
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	1	0	23.59
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	1	216	22.84
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	108	54	23.17
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	216	0	22.42
DFT-s-OFDM QPSK	3500.01	633334	80	1	0	22.75
DFT-s-OFDM QPSK	3500.01	633334	80	1	216	23.68
DFT-s-OFDM QPSK	3500.01	633334	80	108	54	22.93
DFT-s-OFDM QPSK	3500.01	633334	80	216	0	23.26
DFT-s-OFDM 16QAM	3500.01	633334	80	1	0	22.51
DFT-s-OFDM 16QAM	3500.01	633334	80	1	216	22.03
DFT-s-OFDM 16QAM	3500.01	633334	80	108	54	22.09

DFT-s-OFDM 16QAM	3500.01	633334	80	216	0	23.29
DFT-s-OFDM 64QAM	3500.01	633334	80	1	0	22.54
DFT-s-OFDM 64QAM	3500.01	633334	80	1	216	22.60
DFT-s-OFDM 64QAM	3500.01	633334	80	108	54	22.12
DFT-s-OFDM 64QAM	3500.01	633334	80	216	0	23.05
DFT-s-OFDM 256QAM	3500.01	633334	80	1	0	23.11
DFT-s-OFDM 256QAM	3500.01	633334	80	1	216	22.63
DFT-s-OFDM 256QAM	3500.01	633334	80	108	54	23.56
DFT-s-OFDM 256QAM	3500.01	633334	80	216	0	23.61
CP-OFDM QPSK	3500.01	633334	80	1	0	23.14
CP-OFDM QPSK	3500.01	633334	80	1	216	22.39
CP-OFDM QPSK	3500.01	633334	80	109	54	22.72
CP-OFDM QPSK	3500.01	633334	80	217	0	23.65
CP-OFDM 16QAM	3500.01	633334	80	1	0	22.90
CP-OFDM 16QAM	3500.01	633334	80	1	216	23.23
CP-OFDM 16QAM	3500.01	633334	80	109	54	22.48
CP-OFDM 16QAM	3500.01	633334	80	217	0	22.81
CP-OFDM 64QAM	3500.01	633334	80	1	0	22.06
CP-OFDM 64QAM	3500.01	633334	80	1	216	22.99
CP-OFDM 64QAM	3500.01	633334	80	109	54	22.24
CP-OFDM 64QAM	3500.01	633334	80	217	0	22.57
CP-OFDM 256QAM	3500.01	633334	80	1	0	23.50
CP-OFDM 256QAM	3500.01	633334	80	1	216	22.75
CP-OFDM 256QAM	3500.01	633334	80	109	54	23.08
CP-OFDM 256QAM	3500.01	633334	80	217	0	22.33
DFT-s-OFDM PI/2 BPSK	3510	634000	80	1	0	23.13
DFT-s-OFDM PI/2 BPSK	3510	634000	80	1	216	22.98
DFT-s-OFDM PI/2 BPSK	3510	634000	80	108	54	23.64
DFT-s-OFDM PI/2 BPSK	3510	634000	80	216	0	22.89
DFT-s-OFDM QPSK	3510	634000	80	1	0	22.74
DFT-s-OFDM QPSK	3510	634000	80	1	216	22.79
DFT-s-OFDM QPSK	3510	634000	80	108	54	22.65
DFT-s-OFDM QPSK	3510	634000	80	216	0	23.30
DFT-s-OFDM 16QAM	3510	634000	80	1	0	22.55
DFT-s-OFDM 16QAM	3510	634000	80	1	216	22.41
DFT-s-OFDM 16QAM	3510	634000	80	108	54	23.06
DFT-s-OFDM 16QAM	3510	634000	80	216	0	22.92
DFT-s-OFDM 64QAM	3510	634000	80	1	0	23.57
DFT-s-OFDM 64QAM	3510	634000	80	1	216	22.82
DFT-s-OFDM 64QAM	3510	634000	80	108	54	22.07
DFT-s-OFDM 64QAM	3510	634000	80	216	0	23.61
DFT-s-OFDM 256QAM	3510	634000	80	1	0	23.66
DFT-s-OFDM 256QAM	3510	634000	80	1	216	23.51
DFT-s-OFDM 256QAM	3510	634000	80	108	54	22.76
DFT-s-OFDM 256QAM	3510	634000	80	216	0	23.42
CP-OFDM QPSK	3510	634000	80	1	0	23.27

CP-OFDM QPSK	3510	634000	80	1	216	22.52
CP-OFDM QPSK	3510	634000	80	109	54	23.18
CP-OFDM QPSK	3510	634000	80	217	0	22.43
CP-OFDM 16QAM	3510	634000	80	1	0	22.28
CP-OFDM 16QAM	3510	634000	80	1	216	22.34
CP-OFDM 16QAM	3510	634000	80	109	54	22.19
CP-OFDM 16QAM	3510	634000	80	217	0	22.85
CP-OFDM 64QAM	3510	634000	80	1	0	22.10
CP-OFDM 64QAM	3510	634000	80	1	216	23.03
CP-OFDM 64QAM	3510	634000	80	109	54	22.28
CP-OFDM 64QAM	3510	634000	80	217	0	22.13
CP-OFDM 256QAM	3510	634000	80	1	0	22.18
CP-OFDM 256QAM	3510	634000	80	1	216	23.12
CP-OFDM 256QAM	3510	634000	80	109	54	22.97
CP-OFDM 256QAM	3510	634000	80	217	0	22.22

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	23.31
DFT-s-OFDM PI/2 BPSK	3495	633000	90	1	244	22.56
DFT-s-OFDM PI/2 BPSK	3495	633000	90	120	60	22.89
DFT-s-OFDM PI/2 BPSK	3495	633000	90	243	0	22.41
DFT-s-OFDM QPSK	3495	633000	90	1	0	22.74
DFT-s-OFDM QPSK	3495	633000	90	1	244	23.07
DFT-s-OFDM QPSK	3495	633000	90	120	60	22.32
DFT-s-OFDM QPSK	3495	633000	90	243	0	22.65
DFT-s-OFDM 16QAM	3495	633000	90	1	0	22.98
DFT-s-OFDM 16QAM	3495	633000	90	1	244	22.50
DFT-s-OFDM 16QAM	3495	633000	90	120	60	22.83
DFT-s-OFDM 16QAM	3495	633000	90	243	0	23.16
DFT-s-OFDM 64QAM	3495	633000	90	1	0	22.41
DFT-s-OFDM 64QAM	3495	633000	90	1	244	22.74
DFT-s-OFDM 64QAM	3495	633000	90	120	60	22.26
DFT-s-OFDM 64QAM	3495	633000	90	243	0	22.59
DFT-s-OFDM 256QAM	3495	633000	90	1	0	22.92
DFT-s-OFDM 256QAM	3495	633000	90	1	244	22.17
DFT-s-OFDM 256QAM	3495	633000	90	120	60	22.50
DFT-s-OFDM 256QAM	3495	633000	90	243	0	23.43
CP-OFDM QPSK	3495	633000	90	1	0	22.68
CP-OFDM QPSK	3495	633000	90	1	244	23.61
CP-OFDM QPSK	3495	633000	90	123	61	22.26
CP-OFDM QPSK	3495	633000	90	245	0	23.19
CP-OFDM 16QAM	3495	633000	90	1	0	23.52
CP-OFDM 16QAM	3495	633000	90	1	244	22.16
CP-OFDM 16QAM	3495	633000	90	123	61	23.37
CP-OFDM 16QAM	3495	633000	90	245	0	22.62

CP-OFDM 64QAM	3495	633000	90	1	0	22.95
CP-OFDM 64QAM	3495	633000	90	1	244	23.28
CP-OFDM 64QAM	3495	633000	90	123	61	23.13
CP-OFDM 64QAM	3495	633000	90	245	0	23.46
CP-OFDM 256QAM	3495	633000	90	1	0	22.71
CP-OFDM 256QAM	3495	633000	90	1	244	23.04
CP-OFDM 256QAM	3495	633000	90	123	61	23.36
CP-OFDM 256QAM	3495	633000	90	245	0	22.01
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	1	0	22.23
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	1	244	22.56
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	120	60	23.49
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	243	0	22.74
DFT-s-OFDM QPSK	3500.01	633334	90	1	0	23.07
DFT-s-OFDM QPSK	3500.01	633334	90	1	244	22.32
DFT-s-OFDM QPSK	3500.01	633334	90	120	60	23.25
DFT-s-OFDM QPSK	3500.01	633334	90	243	0	22.50
DFT-s-OFDM 16QAM	3500.01	633334	90	1	0	23.43
DFT-s-OFDM 16QAM	3500.01	633334	90	1	244	22.68
DFT-s-OFDM 16QAM	3500.01	633334	90	120	60	23.01
DFT-s-OFDM 16QAM	3500.01	633334	90	243	0	22.26
DFT-s-OFDM 64QAM	3500.01	633334	90	1	0	23.19
DFT-s-OFDM 64QAM	3500.01	633334	90	1	244	22.44
DFT-s-OFDM 64QAM	3500.01	633334	90	120	60	22.77
DFT-s-OFDM 64QAM	3500.01	633334	90	243	0	22.02
DFT-s-OFDM 256QAM	3500.01	633334	90	1	0	22.95
DFT-s-OFDM 256QAM	3500.01	633334	90	1	244	23.28
DFT-s-OFDM 256QAM	3500.01	633334	90	120	60	22.53
DFT-s-OFDM 256QAM	3500.01	633334	90	243	0	22.86
CP-OFDM QPSK	3500.01	633334	90	1	0	22.11
CP-OFDM QPSK	3500.01	633334	90	1	244	23.04
CP-OFDM QPSK	3500.01	633334	90	123	61	22.29
CP-OFDM QPSK	3500.01	633334	90	245	0	22.35
CP-OFDM 16QAM	3500.01	633334	90	1	0	23.55
CP-OFDM 16QAM	3500.01	633334	90	1	244	22.80
CP-OFDM 16QAM	3500.01	633334	90	123	61	22.85
CP-OFDM 16QAM	3500.01	633334	90	245	0	22.11
CP-OFDM 64QAM	3500.01	633334	90	1	0	23.04
CP-OFDM 64QAM	3500.01	633334	90	1	244	23.36
CP-OFDM 64QAM	3500.01	633334	90	123	61	22.61
CP-OFDM 64QAM	3500.01	633334	90	245	0	23.55
CP-OFDM 256QAM	3500.01	633334	90	1	0	22.80
CP-OFDM 256QAM	3500.01	633334	90	1	244	22.05
CP-OFDM 256QAM	3500.01	633334	90	123	61	22.37
CP-OFDM 256QAM	3500.01	633334	90	245	0	23.31
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	1	0	22.42
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	1	244	23.35

DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	120	60	22.93
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	243	0	22.78
DFT-s-OFDM QPSK	3504.99	633666	90	1	0	22.03
DFT-s-OFDM QPSK	3504.99	633666	90	1	244	22.69
DFT-s-OFDM QPSK	3504.99	633666	90	120	60	23.62
DFT-s-OFDM QPSK	3504.99	633666	90	243	0	22.87
DFT-s-OFDM 16QAM	3504.99	633666	90	1	0	22.12
DFT-s-OFDM 16QAM	3504.99	633666	90	1	244	22.78
DFT-s-OFDM 16QAM	3504.99	633666	90	120	60	22.03
DFT-s-OFDM 16QAM	3504.99	633666	90	243	0	22.96
DFT-s-OFDM 64QAM	3504.99	633666	90	1	0	23.61
DFT-s-OFDM 64QAM	3504.99	633666	90	1	244	22.86
DFT-s-OFDM 64QAM	3504.99	633666	90	120	60	22.72
DFT-s-OFDM 64QAM	3504.99	633666	90	243	0	23.37
DFT-s-OFDM 256QAM	3504.99	633666	90	1	0	22.62
DFT-s-OFDM 256QAM	3504.99	633666	90	1	244	23.56
DFT-s-OFDM 256QAM	3504.99	633666	90	120	60	23.41
DFT-s-OFDM 256QAM	3504.99	633666	90	243	0	23.46
CP-OFDM QPSK	3504.99	633666	90	1	0	23.32
CP-OFDM QPSK	3504.99	633666	90	1	244	22.29
CP-OFDM QPSK	3504.99	633666	90	123	61	23.22
CP-OFDM QPSK	3504.99	633666	90	245	0	22.47
CP-OFDM 16QAM	3504.99	633666	90	1	0	22.33
CP-OFDM 16QAM	3504.99	633666	90	1	244	23.26
CP-OFDM 16QAM	3504.99	633666	90	123	61	23.31
CP-OFDM 16QAM	3504.99	633666	90	245	0	22.56
CP-OFDM 64QAM	3504.99	633666	90	1	0	22.41
CP-OFDM 64QAM	3504.99	633666	90	1	244	23.07
CP-OFDM 64QAM	3504.99	633666	90	123	61	22.32
CP-OFDM 64QAM	3504.99	633666	90	245	0	22.17
CP-OFDM 256QAM	3504.99	633666	90	1	0	23.10
CP-OFDM 256QAM	3504.99	633666	90	1	244	22.08
CP-OFDM 256QAM	3504.99	633666	90	123	61	23.01
CP-OFDM 256QAM	3504.99	633666	90	245	0	22.26

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	22.40
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	272	22.73
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	22.25
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	23.18
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	23.21
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	272	22.46
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	23.39
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	22.04
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	23.67

DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	272	22.64
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	23.57
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	22.55
DFT-s-OFDM QPSK	3500.01	633334	100	1	0	23.51
DFT-s-OFDM QPSK	3500.01	633334	100	1	272	22.16
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	22.49
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	23.42
DFT-s-OFDM QPSK	3500.01	633334	100	1	0	22.97
DFT-s-OFDM QPSK	3500.01	633334	100	1	272	22.22
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	22.55
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	23.48
DFT-s-OFDM QPSK	3500.01	633334	100	1	0	22.40
DFT-s-OFDM QPSK	3500.01	633334	100	1	272	23.33
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	22.91
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	22.16
DFT-s-OFDM 16QAM	3500.01	633334	100	1	0	22.06
DFT-s-OFDM 16QAM	3500.01	633334	100	1	272	23.27
DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	23.60
DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	22.25
DFT-s-OFDM 64QAM	3500.01	633334	100	1	0	23.18
DFT-s-OFDM 64QAM	3500.01	633334	100	1	272	23.50
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	23.03
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	23.36
DFT-s-OFDM 256QAM	3500.01	633334	100	1	0	22.01
DFT-s-OFDM 256QAM	3500.01	633334	100	1	272	22.94
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	23.26
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	23.59
CP-OFDM QPSK	3500.01	633334	100	1	0	23.12
CP-OFDM QPSK	3500.01	633334	100	1	272	23.45
CP-OFDM QPSK	3500.01	633334	100	137	68	22.70
CP-OFDM QPSK	3500.01	633334	100	273	0	23.02
CP-OFDM 16QAM	3500.01	633334	100	1	0	23.35
CP-OFDM 16QAM	3500.01	633334	100	1	272	22.88
CP-OFDM 16QAM	3500.01	633334	100	137	68	23.21
CP-OFDM 16QAM	3500.01	633334	100	273	0	23.53
CP-OFDM 64QAM	3500.01	633334	100	1	0	22.78
CP-OFDM 64QAM	3500.01	633334	100	1	272	23.11
CP-OFDM 64QAM	3500.01	633334	100	137	68	22.36
CP-OFDM 64QAM	3500.01	633334	100	273	0	22.69
CP-OFDM 256QAM	3500.01	633334	100	1	0	22.22
CP-OFDM 256QAM	3500.01	633334	100	1	272	22.54
CP-OFDM 256QAM	3500.01	633334	100	137	68	23.48
CP-OFDM 256QAM	3500.01	633334	100	273	0	22.12
DFT-s-OFDM 16QAM	3500.01	633334	100	1	0	22.73
DFT-s-OFDM 16QAM	3500.01	633334	100	1	272	23.66
DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	22.91

DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	22.16
DFT-s-OFDM 64QAM	3500.01	633334	100	1	0	23.09
DFT-s-OFDM 64QAM	3500.01	633334	100	1	272	22.35
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	22.67
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	23.60
DFT-s-OFDM 256QAM	3500.01	633334	100	1	0	22.85
DFT-s-OFDM 256QAM	3500.01	633334	100	1	272	22.91
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	22.16
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	23.09
CP-OFDM QPSK	3500.01	633334	100	1	0	23.42
CP-OFDM QPSK	3500.01	633334	100	1	272	22.67
CP-OFDM QPSK	3500.01	633334	100	137	68	23.60
CP-OFDM QPSK	3500.01	633334	100	273	0	22.85
CP-OFDM 16QAM	3500.01	633334	100	1	0	23.18
CP-OFDM 16QAM	3500.01	633334	100	1	272	22.43
CP-OFDM 16QAM	3500.01	633334	100	137	68	22.28
CP-OFDM 16QAM	3500.01	633334	100	273	0	22.61
CP-OFDM 64QAM	3500.01	633334	100	1	0	23.54
CP-OFDM 64QAM	3500.01	633334	100	1	272	22.79
CP-OFDM 64QAM	3500.01	633334	100	137	68	22.04
CP-OFDM 64QAM	3500.01	633334	100	273	0	22.37
CP-OFDM 256QAM	3500.01	633334	100	1	0	23.30
CP-OFDM 256QAM	3500.01	633334	100	1	272	22.55
CP-OFDM 256QAM	3500.01	633334	100	137	68	22.60
CP-OFDM 256QAM	3500.01	633334	100	273	0	22.13
DFT-s-OFDM 16QAM	3500.01	633334	100	1	0	23.09
DFT-s-OFDM 16QAM	3500.01	633334	100	1	272	22.34
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	23.18
DFT-s-OFDM 64QAM	3500.01	633334	100	1	272	22.43
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	23.09
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	22.94
DFT-s-OFDM 256QAM	3500.01	633334	100	1	0	22.19
DFT-s-OFDM 256QAM	3500.01	633334	100	1	272	22.85
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	22.70
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	23.36
CP-OFDM QPSK	3500.01	633334	100	1	0	23.21
CP-OFDM QPSK	3500.01	633334	100	1	272	23.26
CP-OFDM QPSK	3500.01	633334	100	137	68	23.12
CP-OFDM QPSK	3500.01	633334	100	273	0	22.37
CP-OFDM 16QAM	3500.01	633334	100	1	0	23.02
CP-OFDM 16QAM	3500.01	633334	100	1	272	22.27
CP-OFDM 16QAM	3500.01	633334	100	137	68	22.13
CP-OFDM 16QAM	3500.01	633334	100	273	0	23.06
CP-OFDM 64QAM	3500.01	633334	100	1	0	22.03

CP-OFDM 64QAM	3500.01	633334	100	1	272	23.57
CP-OFDM 64QAM	3500.01	633334	100	137	68	23.62
CP-OFDM 64QAM	3500.01	633334	100	273	0	23.47
CP-OFDM 256QAM	3500.01	633334	100	1	0	22.45
CP-OFDM 256QAM	3500.01	633334	100	1	272	22.30
CP-OFDM 256QAM	3500.01	633334	100	137	68	22.96
CP-OFDM 256QAM	3500.01	633334	100	273	0	22.81

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	67.280	Fig.22
CP-OFDM QPSK	3500.01	633334	70	189	0	67.490	Fig.23
CP-OFDM QPSK	3514.98	634332	70	189	0	67.420	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:

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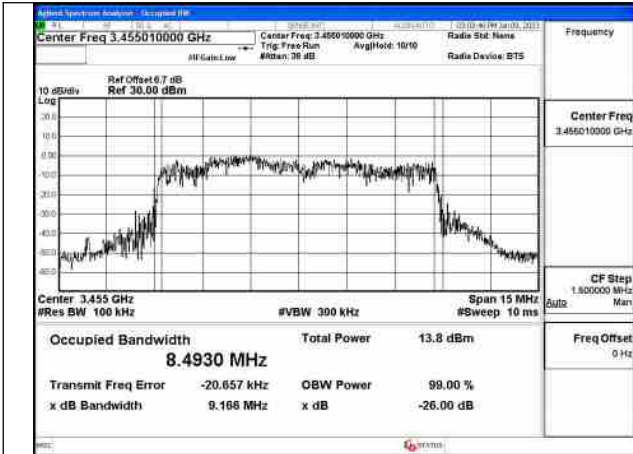


Fig.1

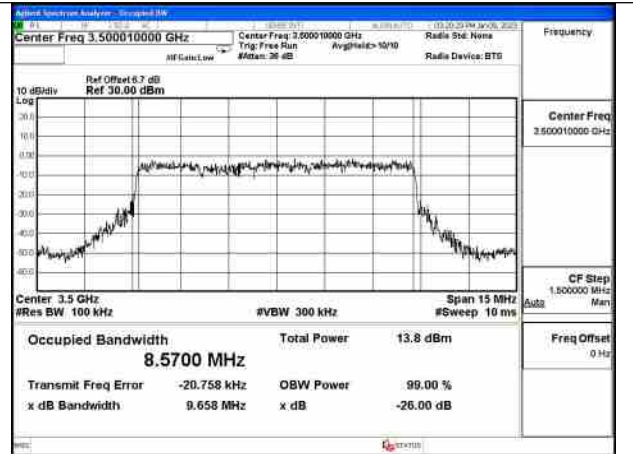


Fig.2

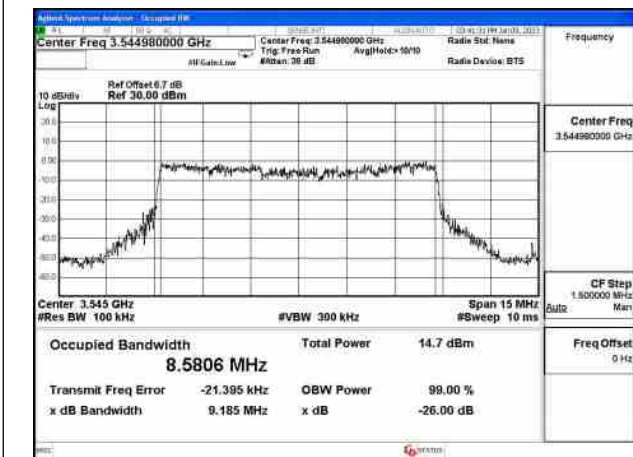


Fig.3

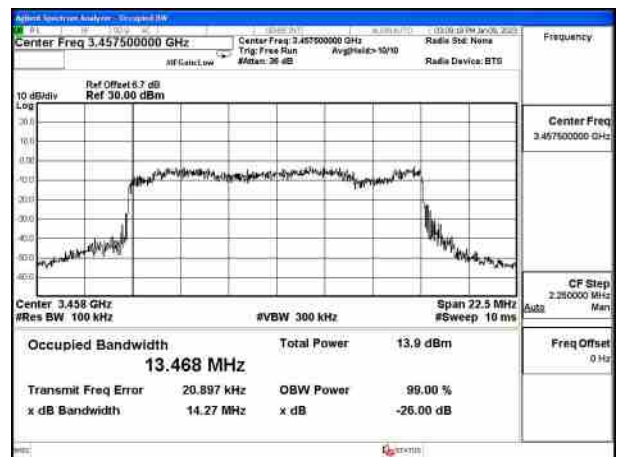


Fig.4

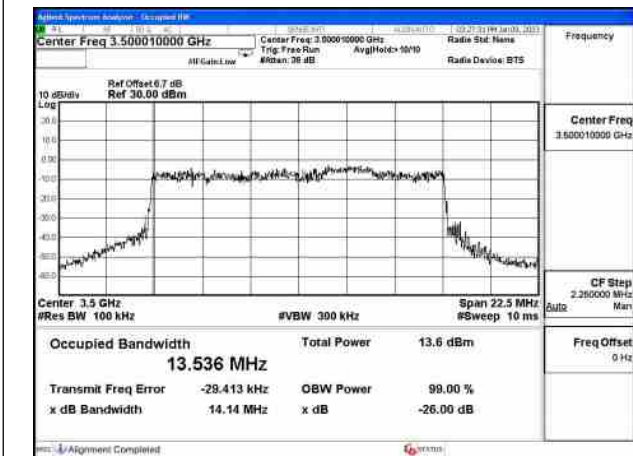


Fig.5

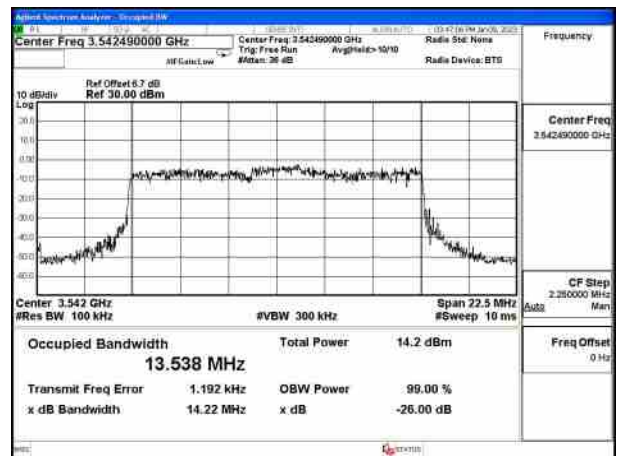


Fig.6

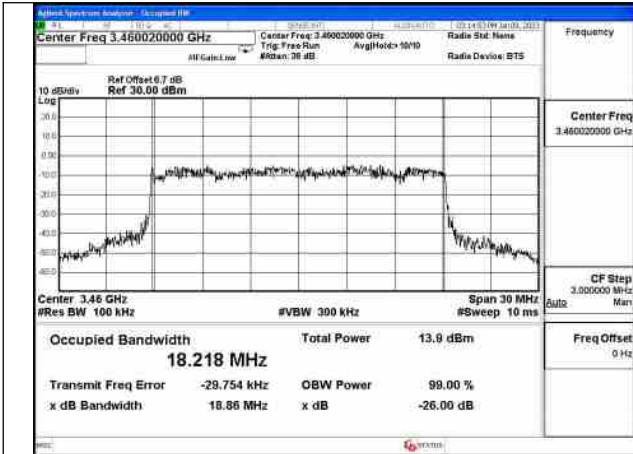


Fig.7

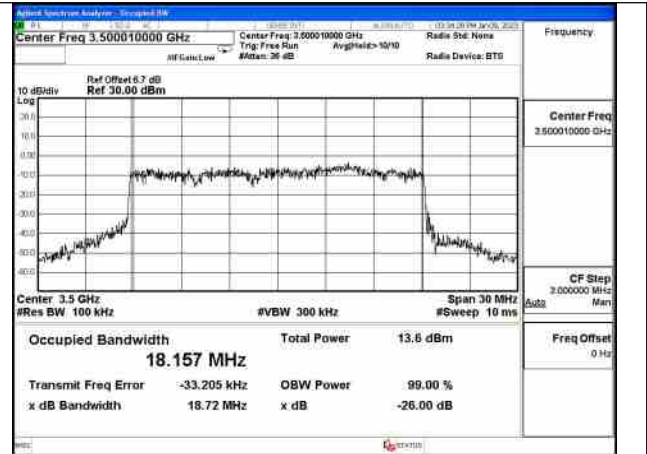


Fig.8

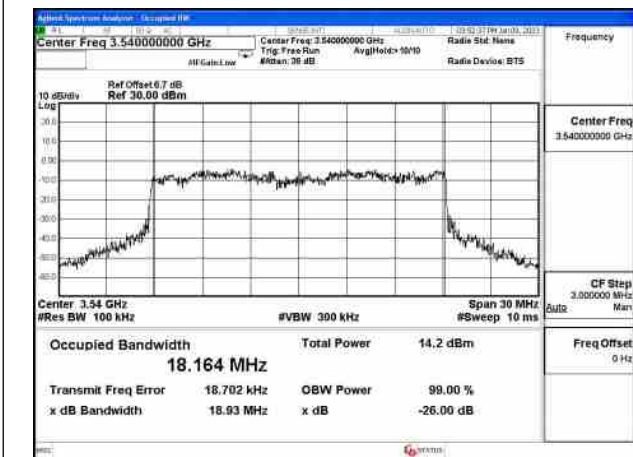


Fig.9

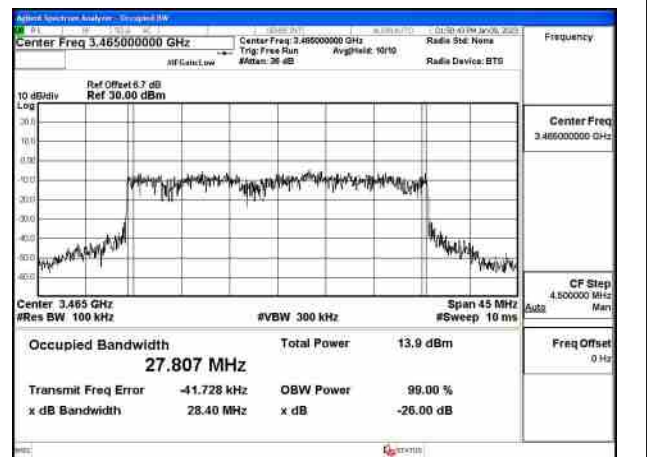


Fig.10

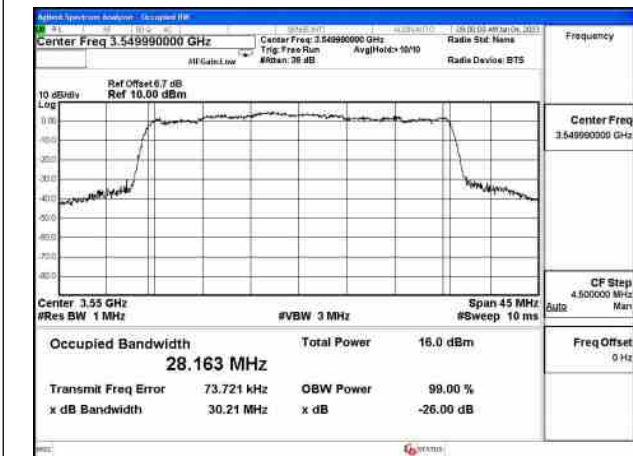


Fig.11

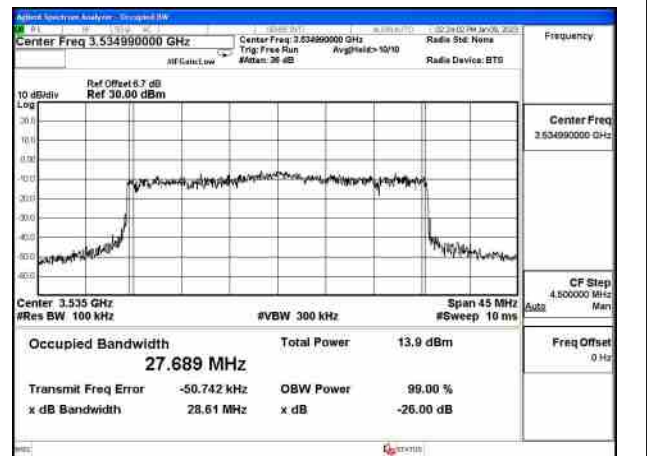


Fig.12

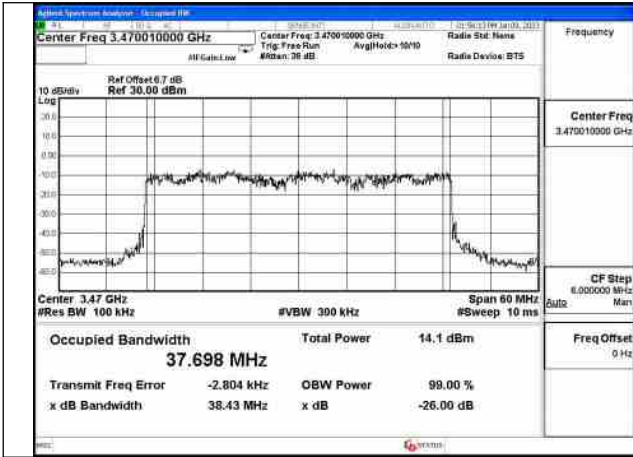


Fig.13

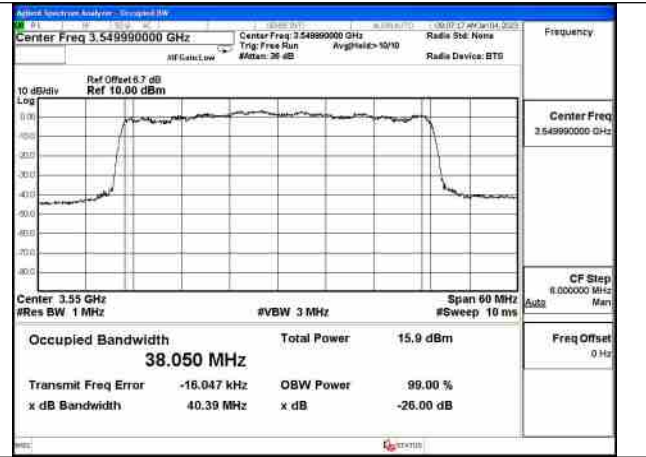


Fig.14

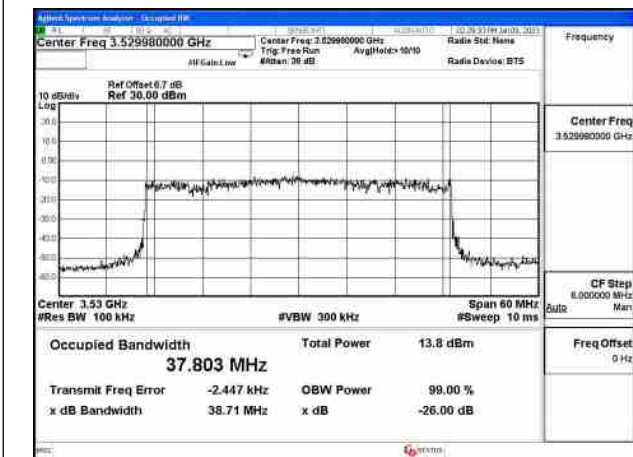


Fig.15

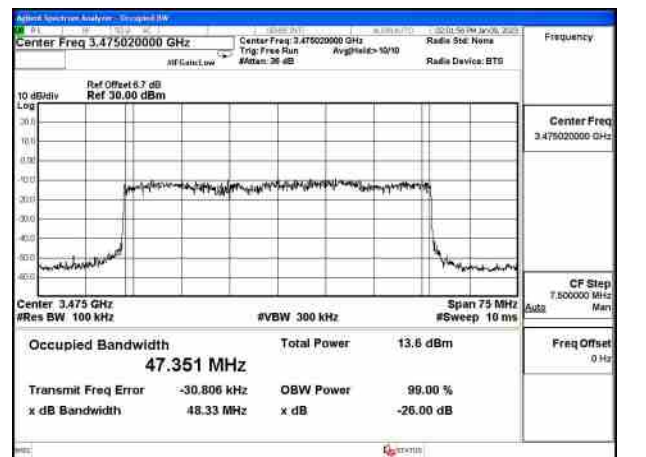


Fig.16

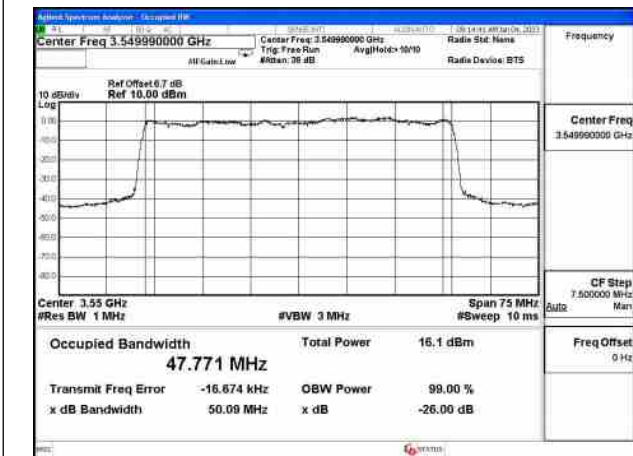


Fig.17

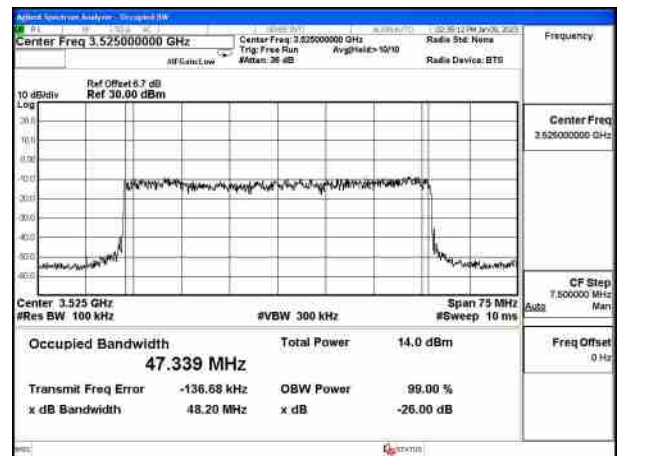


Fig.18

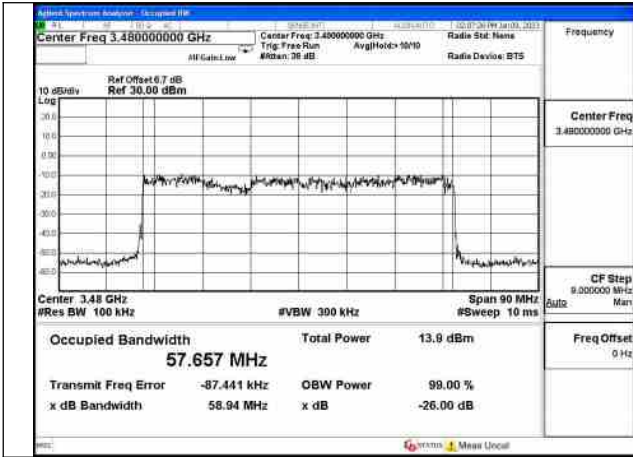


Fig.19

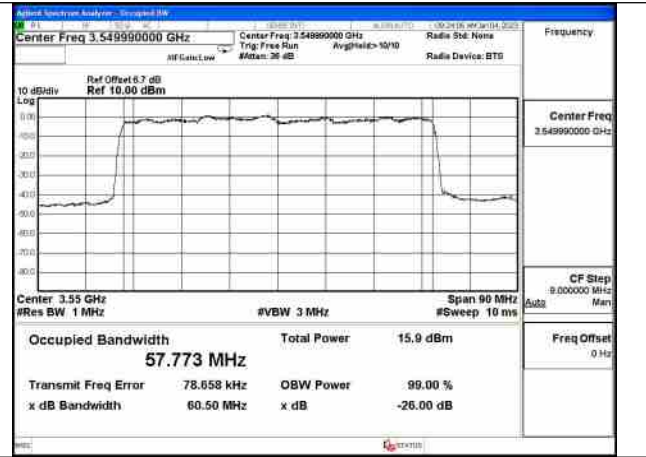


Fig.20

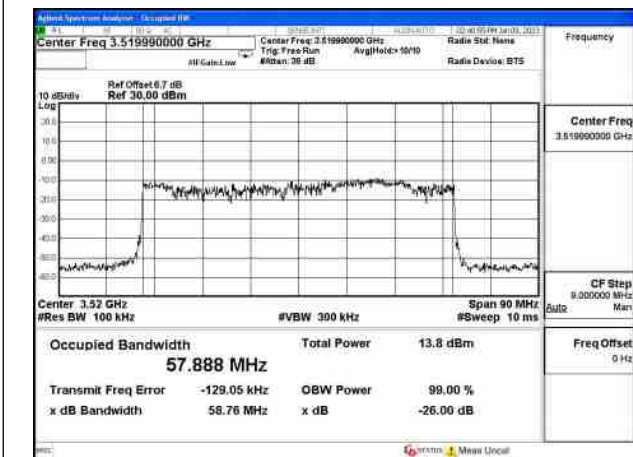


Fig.21

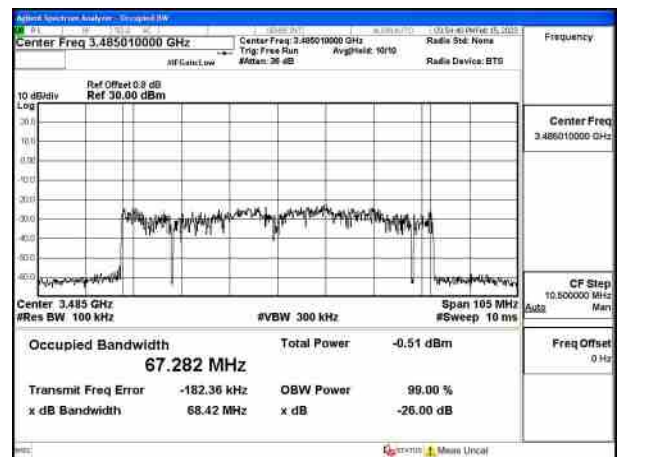


Fig.22

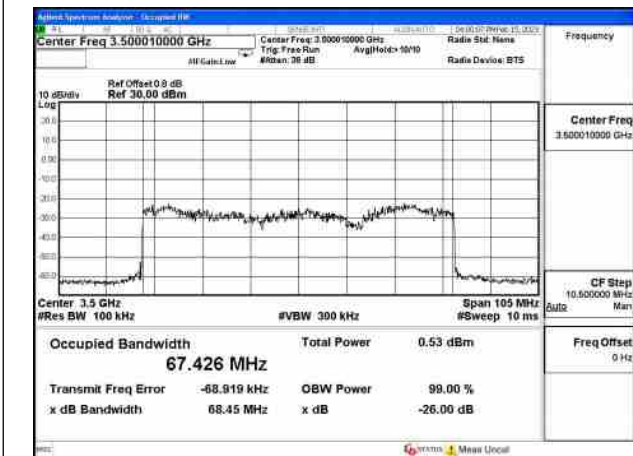


Fig.23

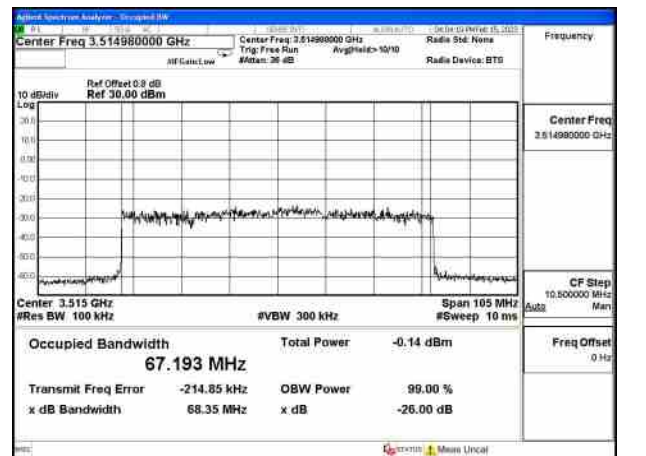


Fig.24

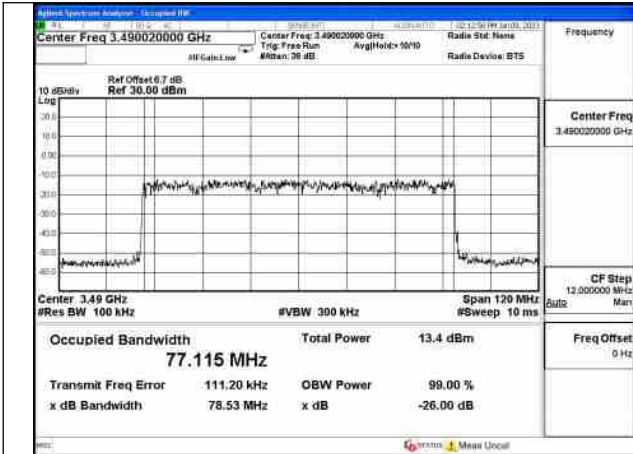


Fig.25

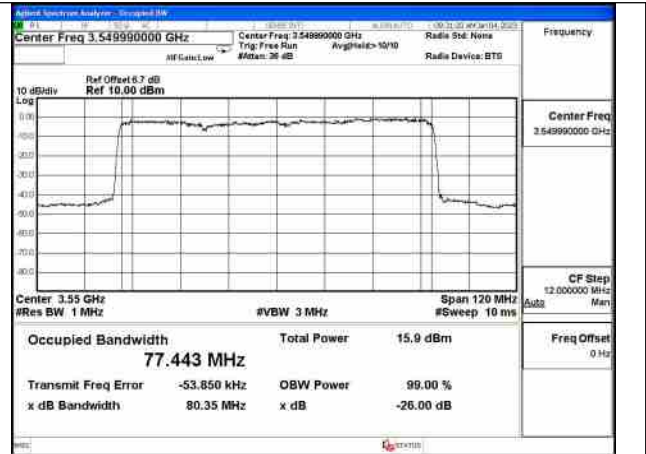


Fig.26

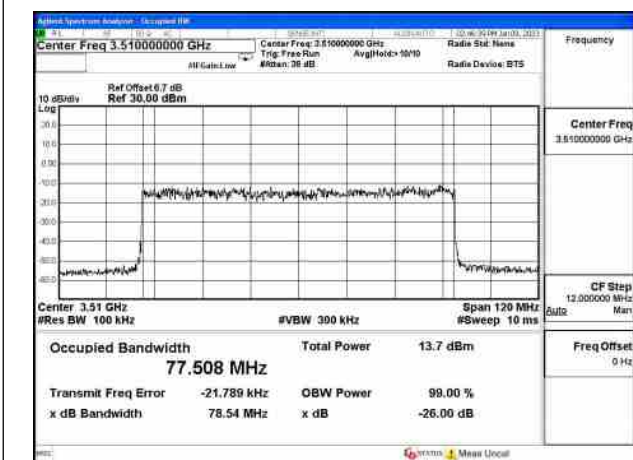


Fig.27

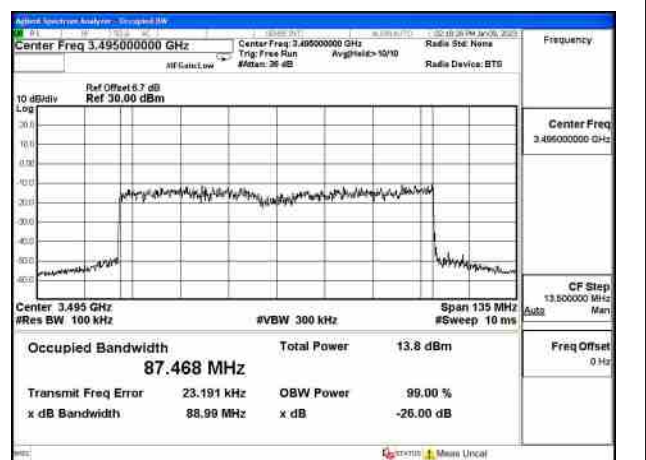


Fig.28

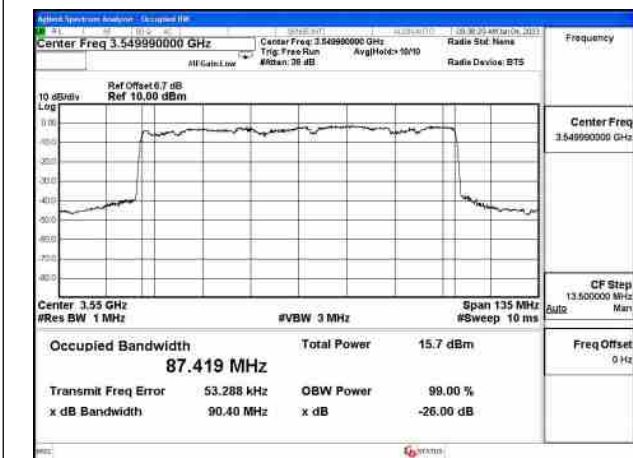


Fig.29

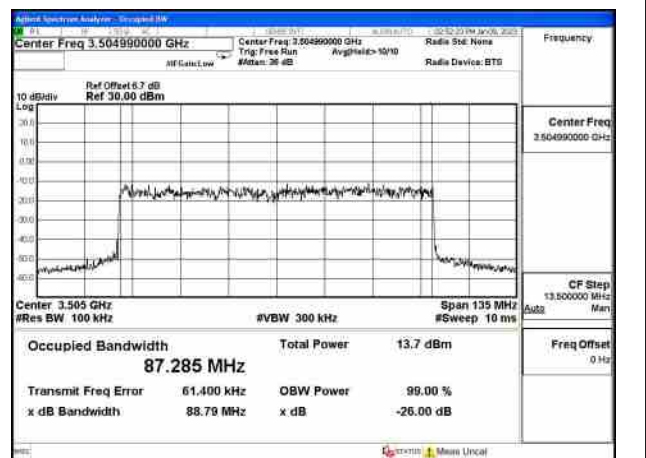
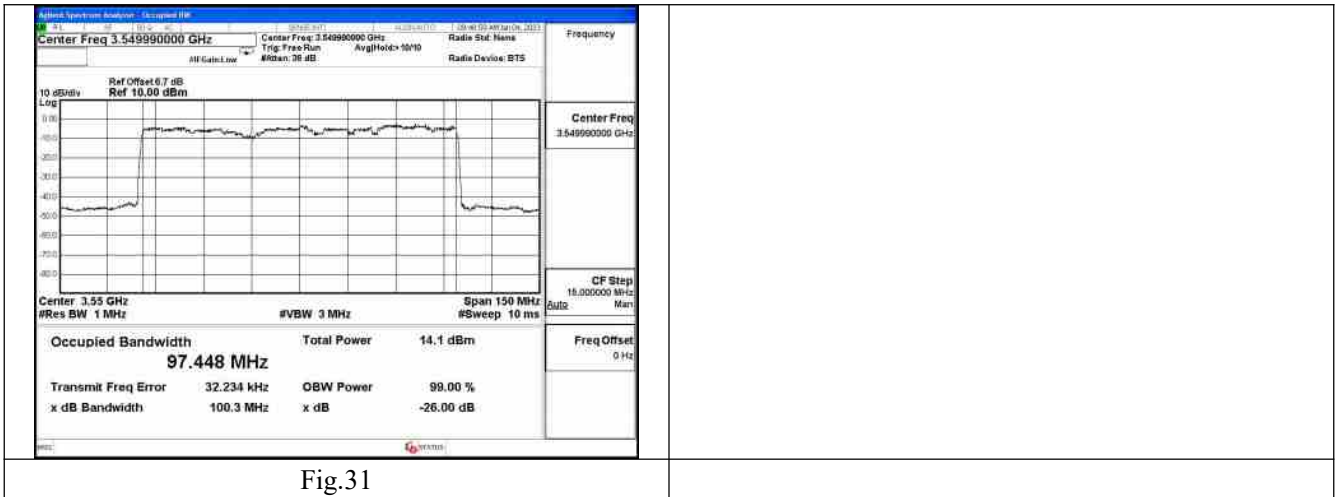


Fig.30



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	68.420	Fig.22
CP-OFDM QPSK	3500.01	633334	70	189	0	68.440	Fig.23
CP-OFDM QPSK	3514.98	634332	70	189	0	68.740	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:

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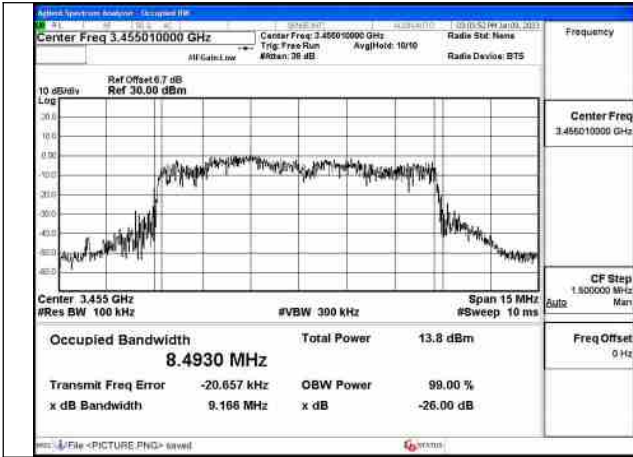


Fig.1

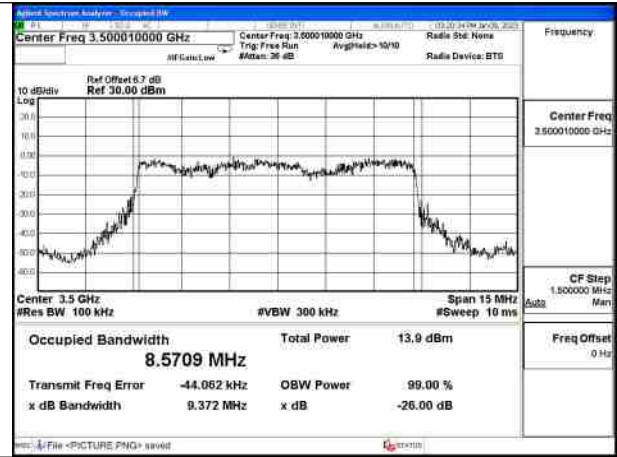


Fig.2

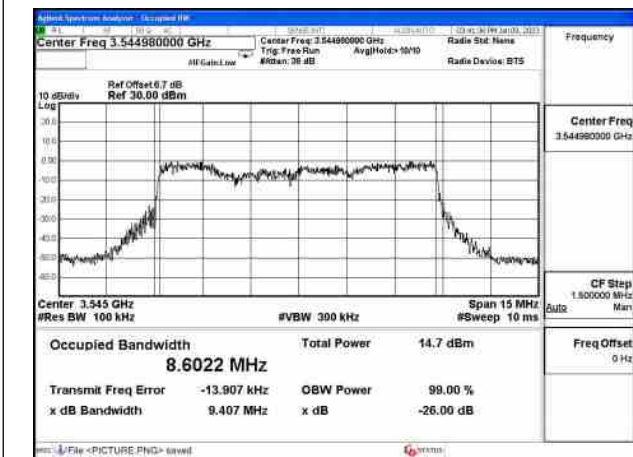


Fig.3

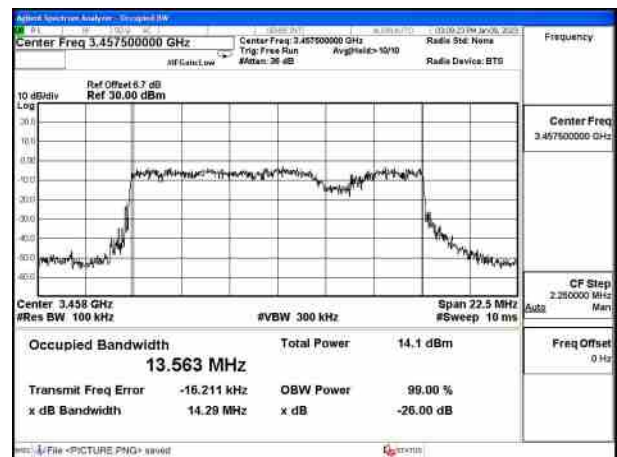


Fig.4

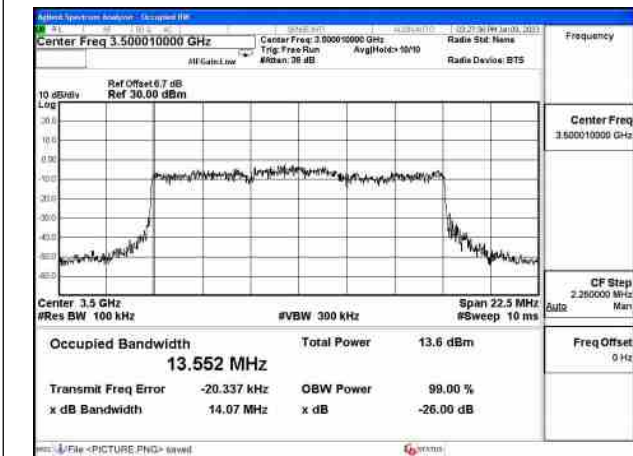


Fig.5

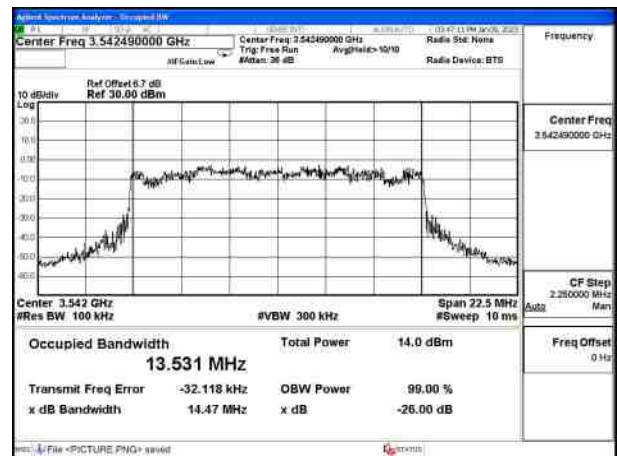


Fig.6

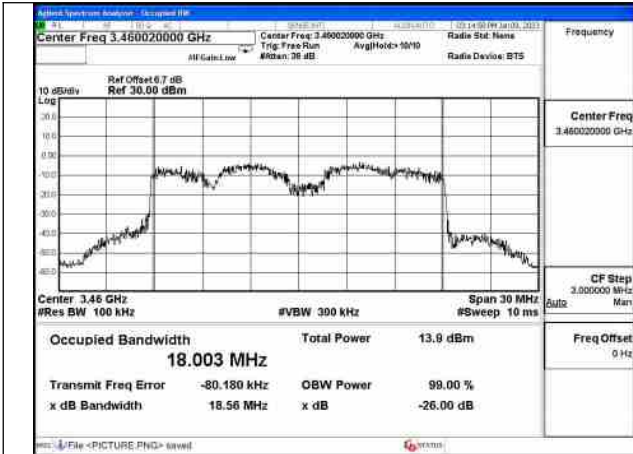


Fig.7

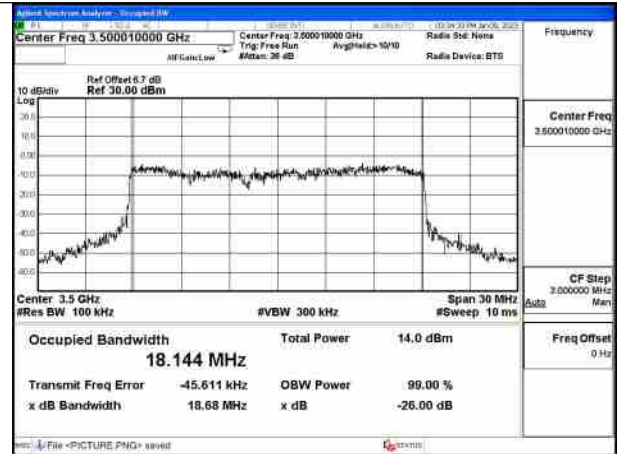


Fig.8

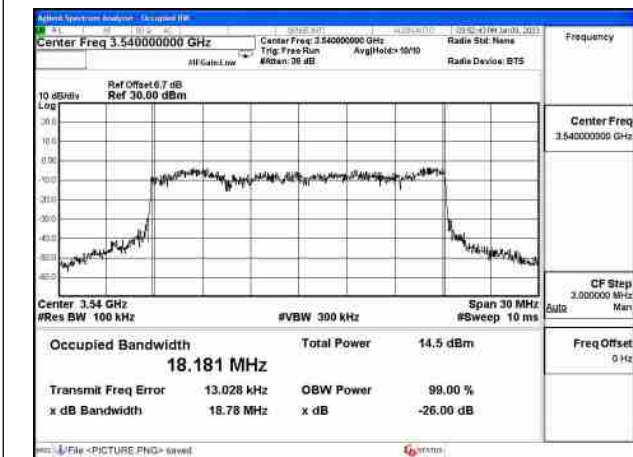


Fig.9

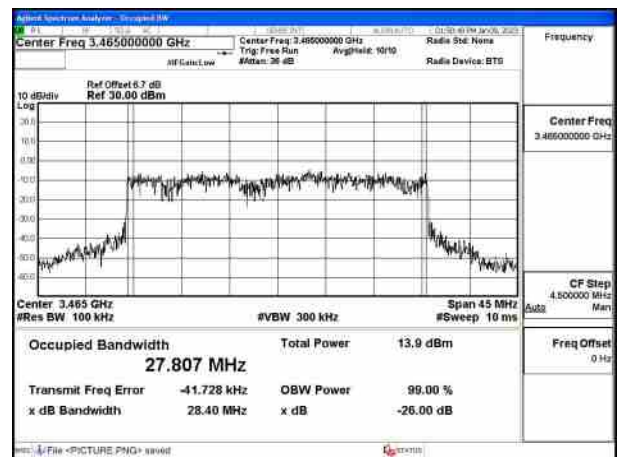


Fig.10

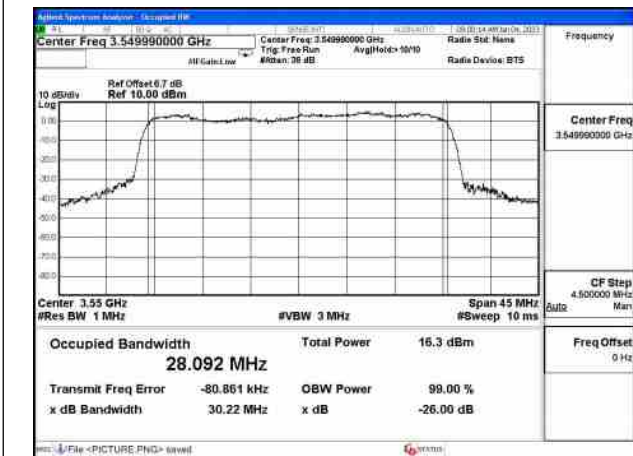


Fig.11

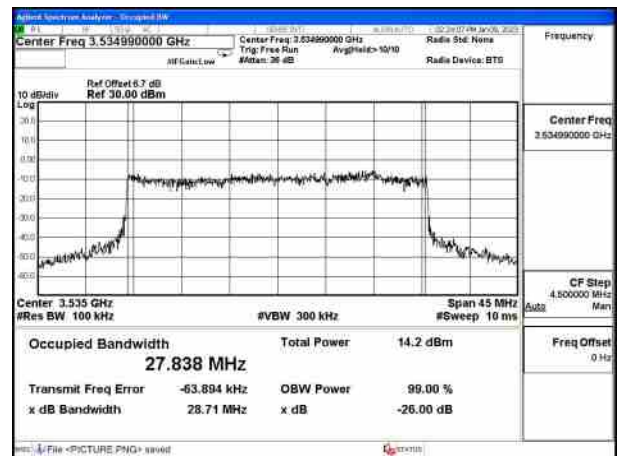


Fig.12

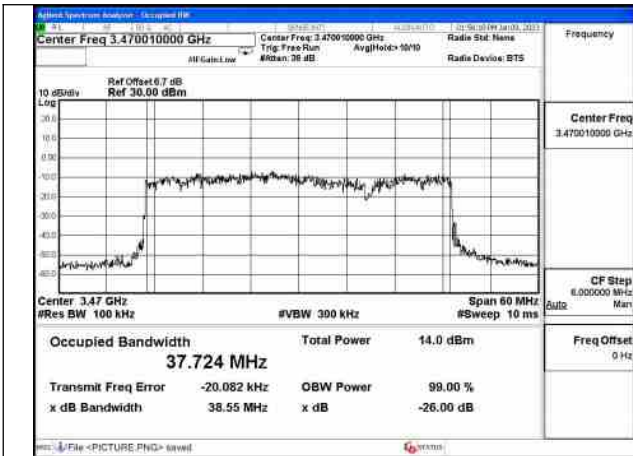


Fig.13

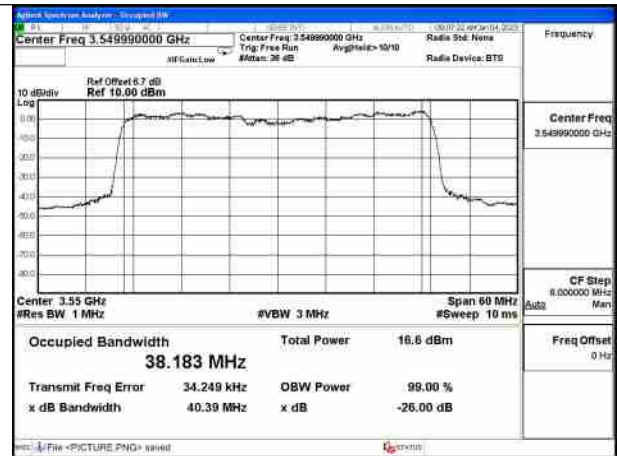


Fig.14

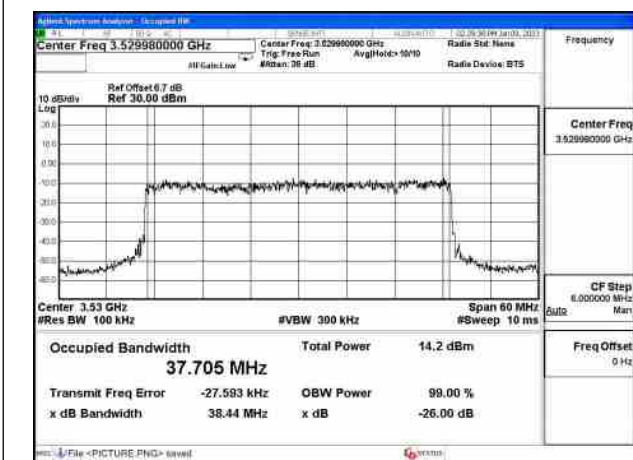


Fig.15

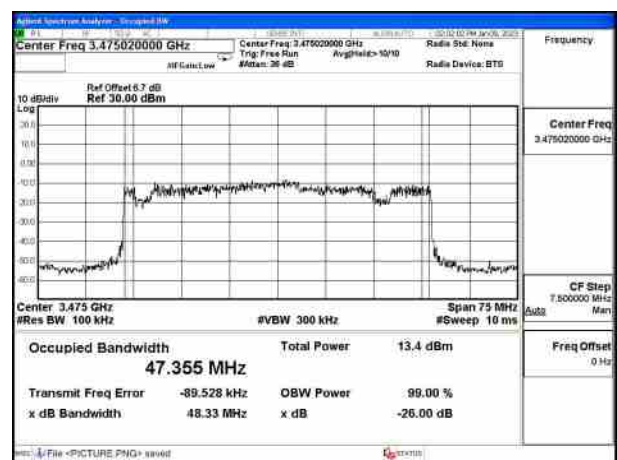


Fig.16

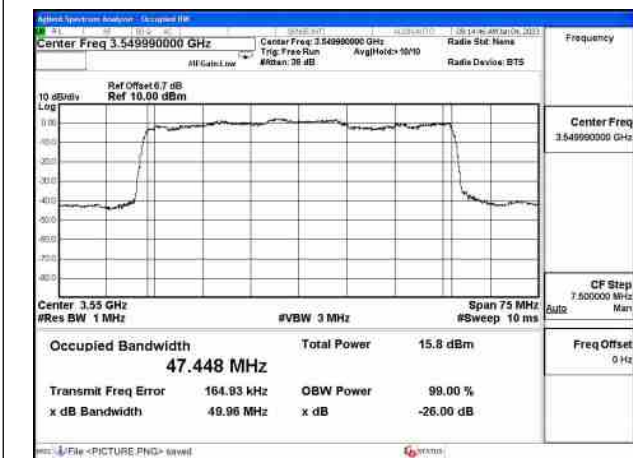


Fig.17

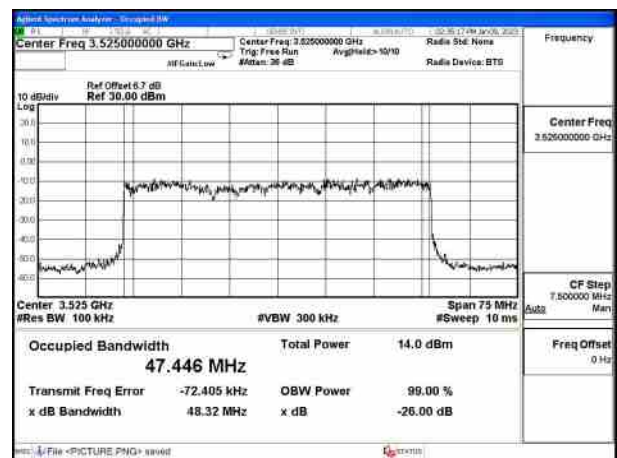


Fig.18

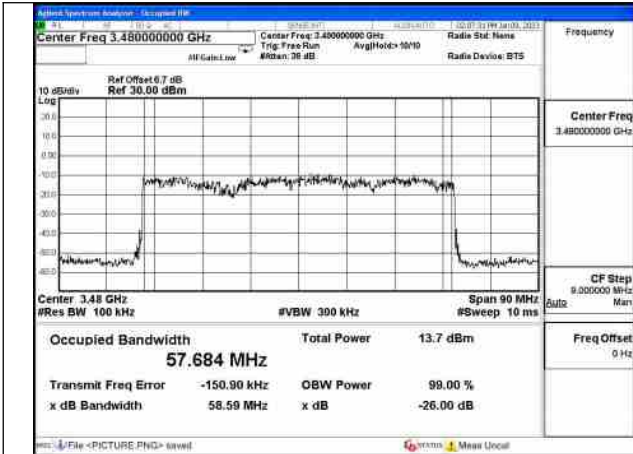


Fig.19

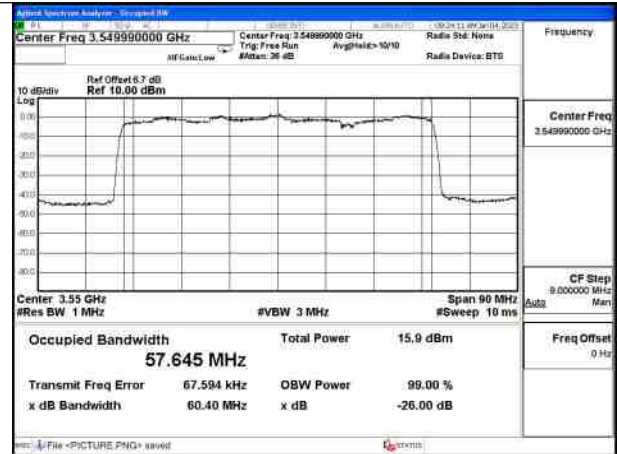


Fig.20

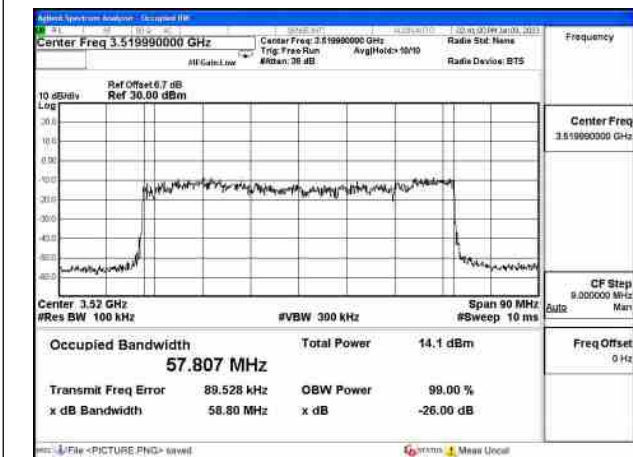


Fig.21

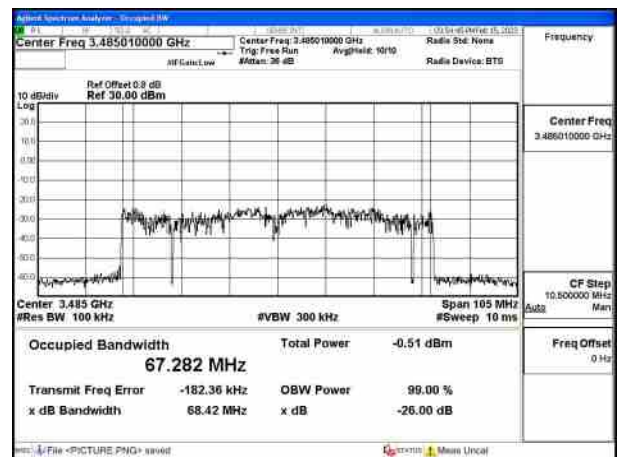


Fig.22

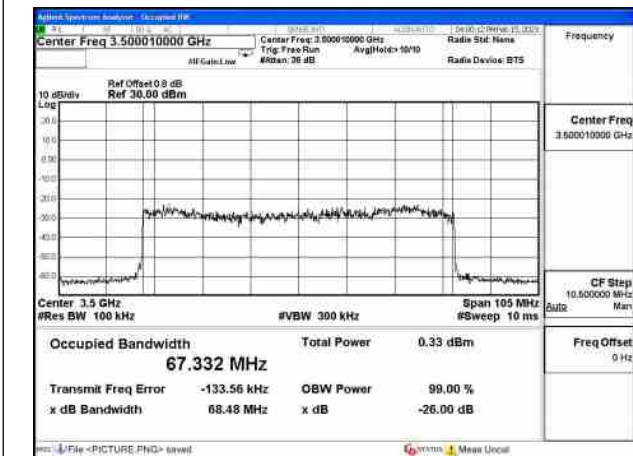


Fig.23

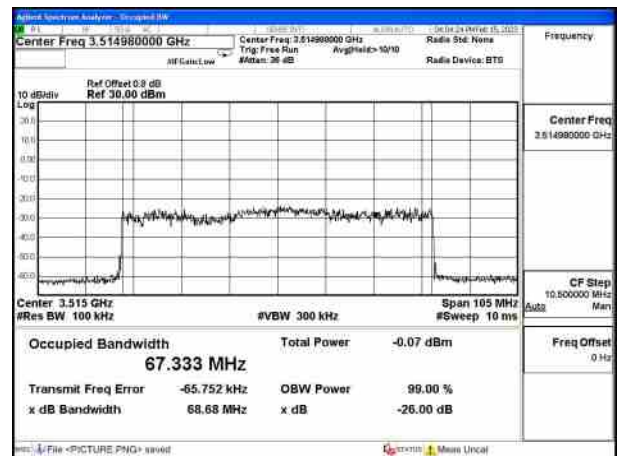


Fig.24

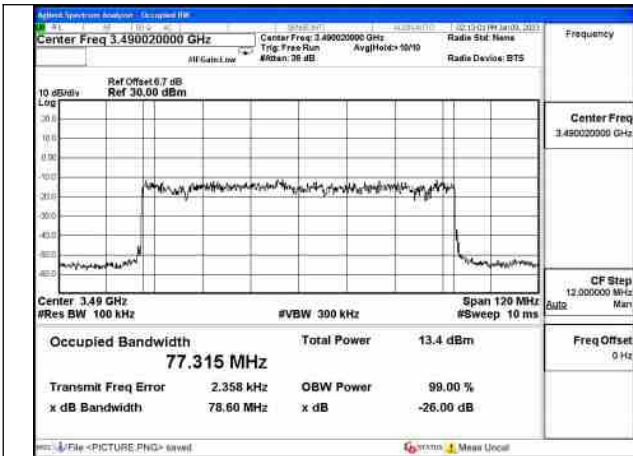


Fig.25

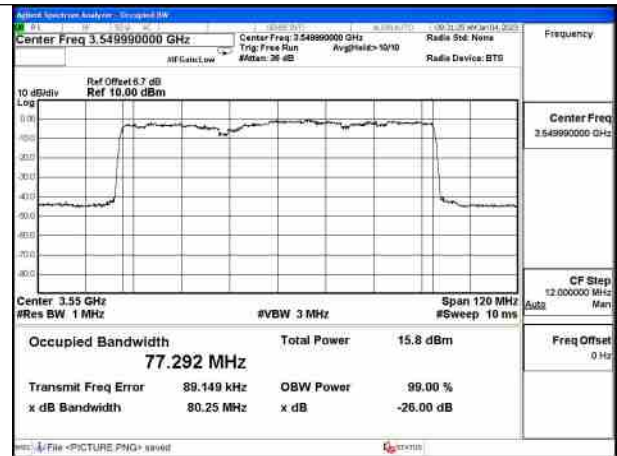


Fig.26

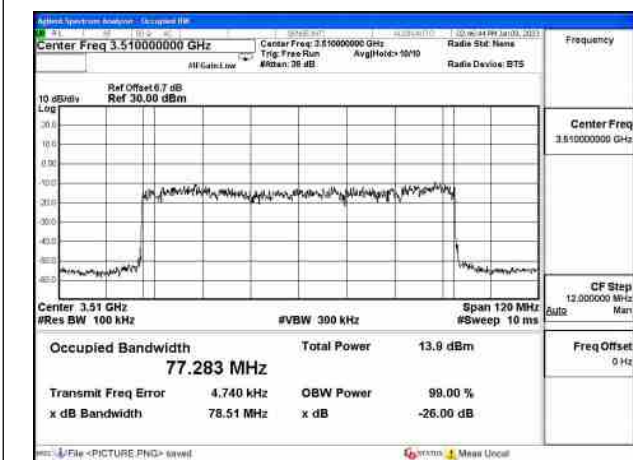


Fig.27

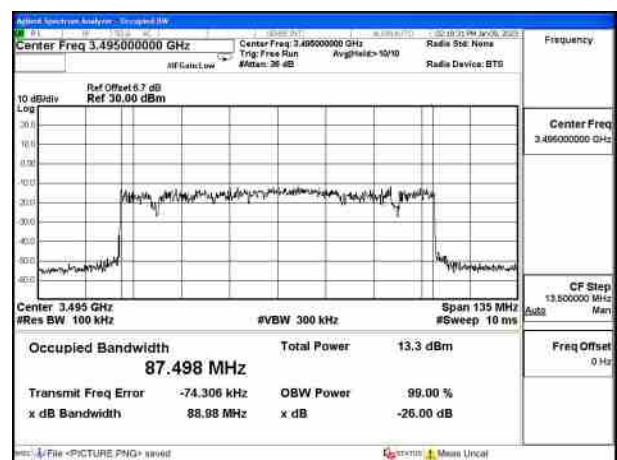


Fig.28

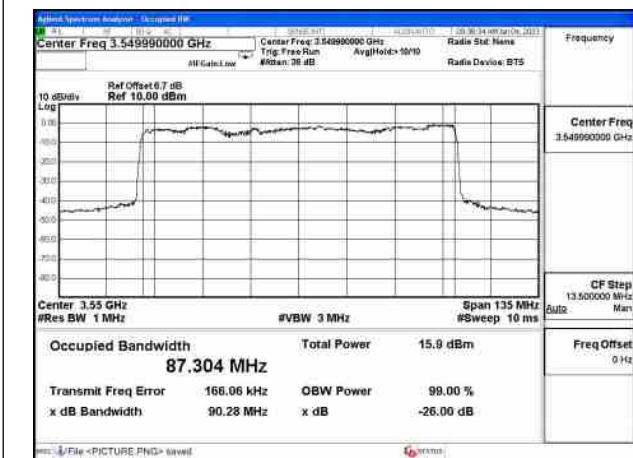


Fig.29

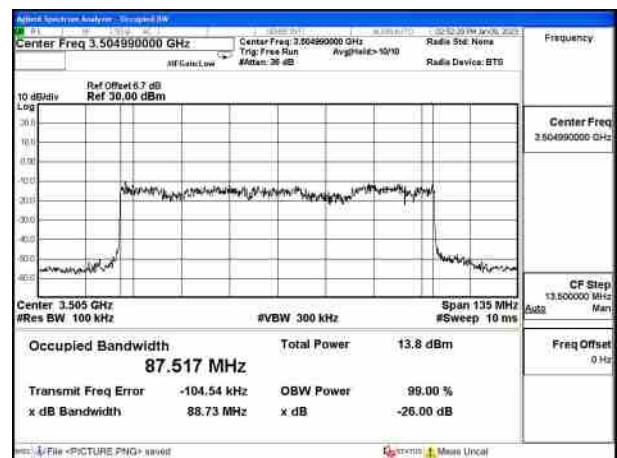


Fig.30

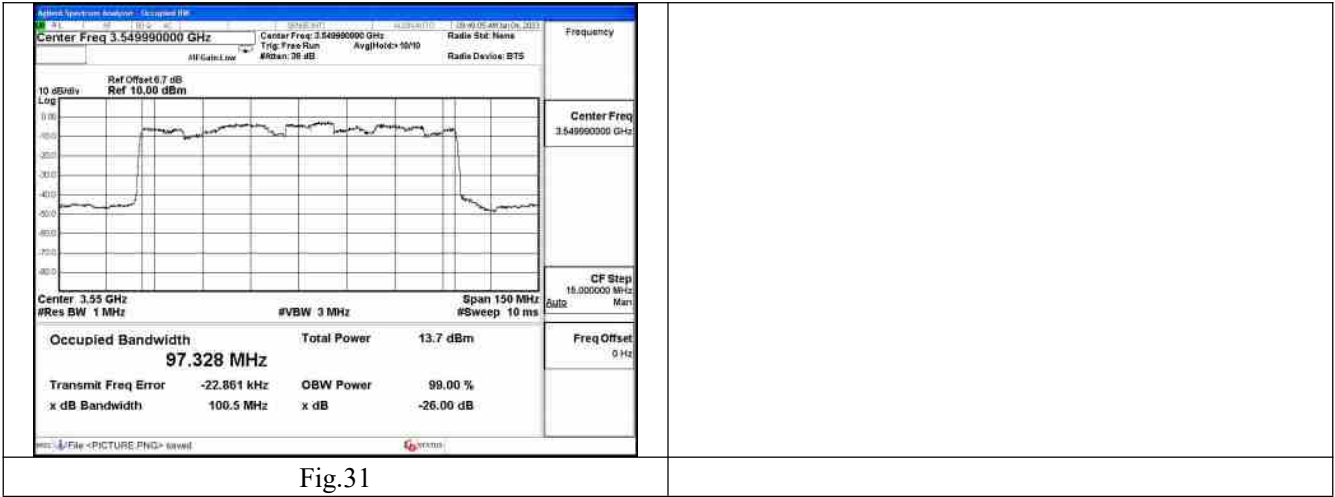
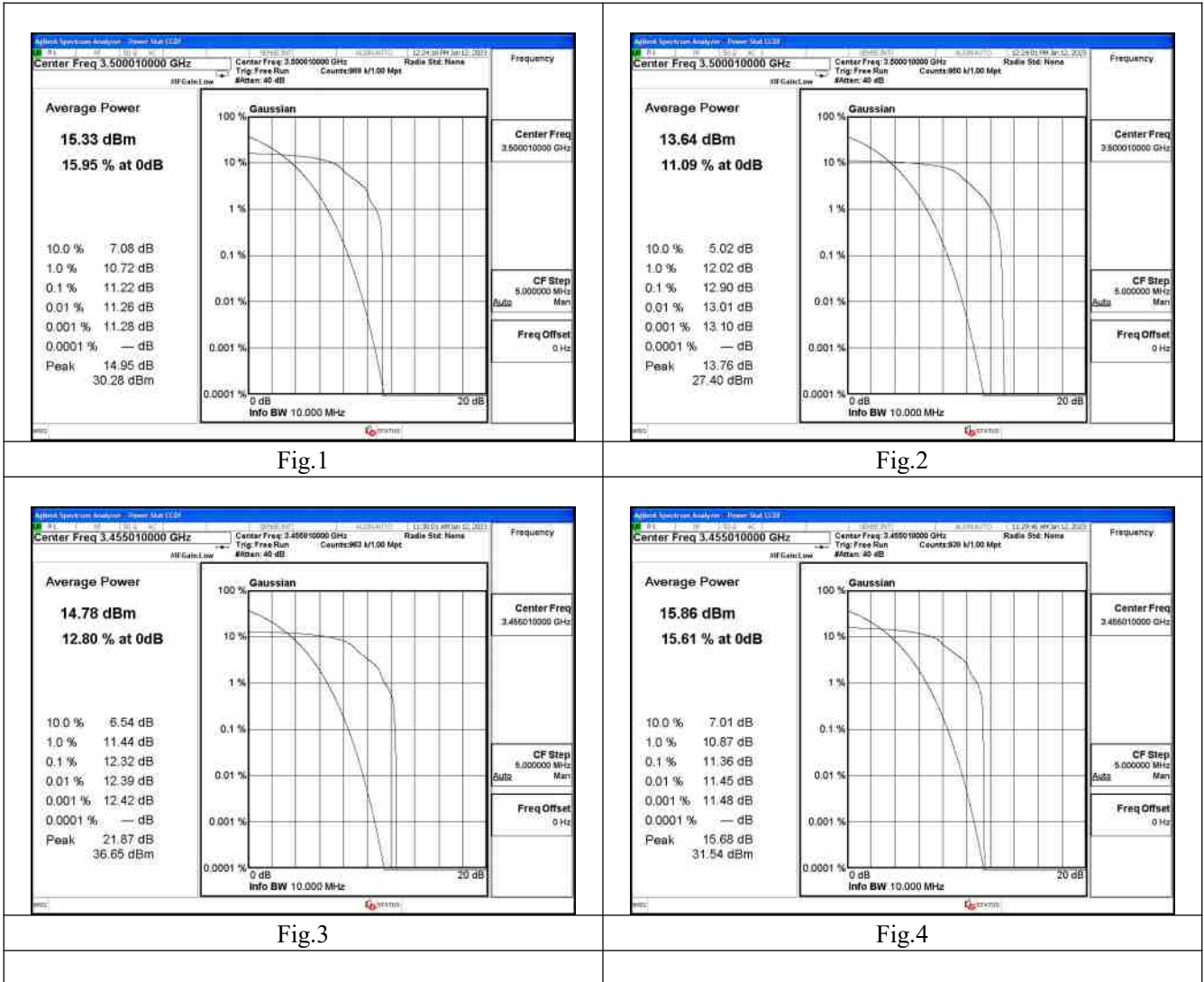


Fig.31

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:



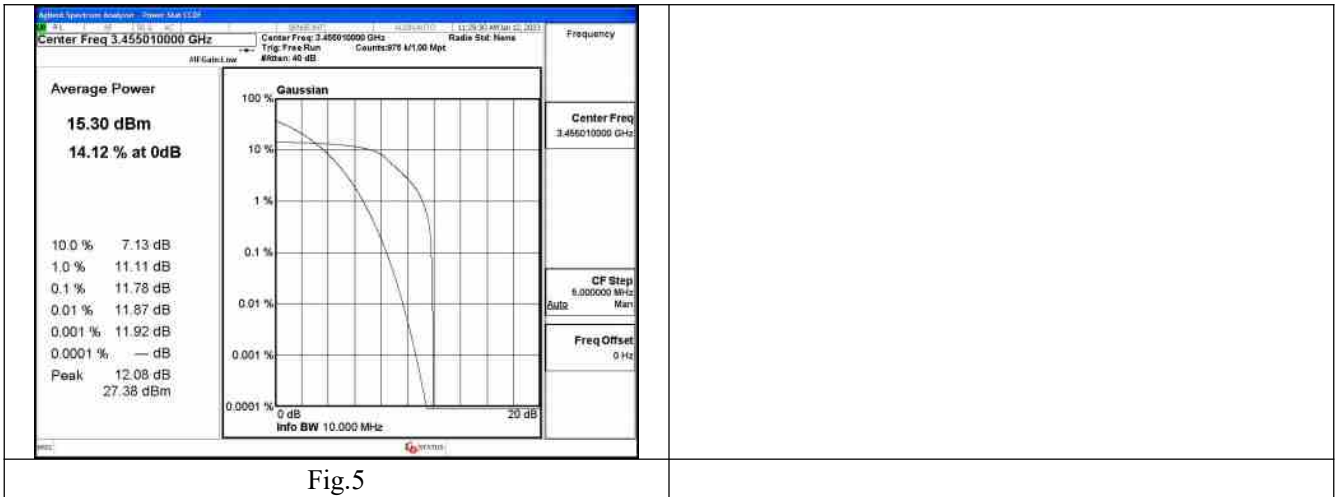


Fig.5

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:

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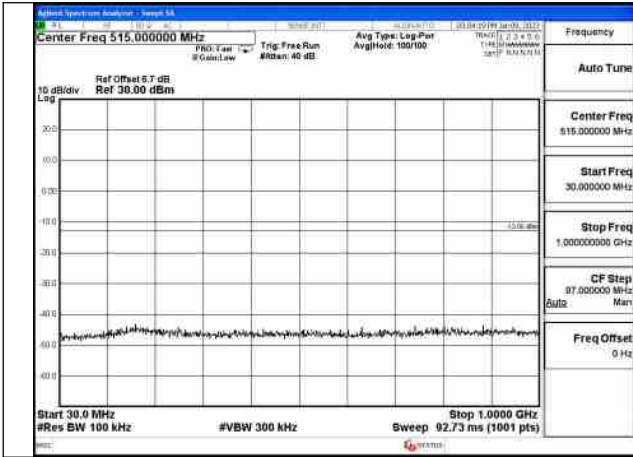


Fig.1

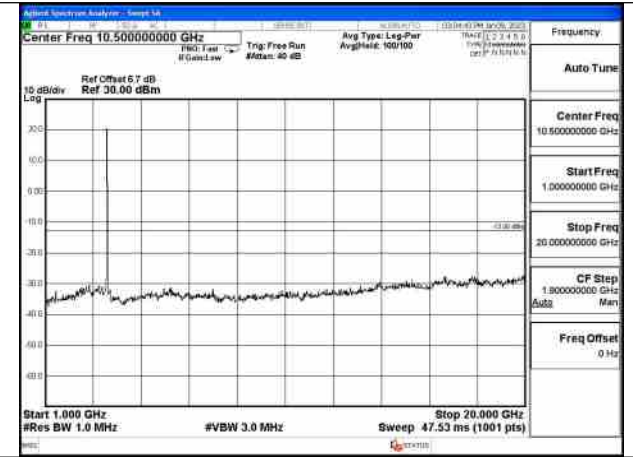


Fig.2

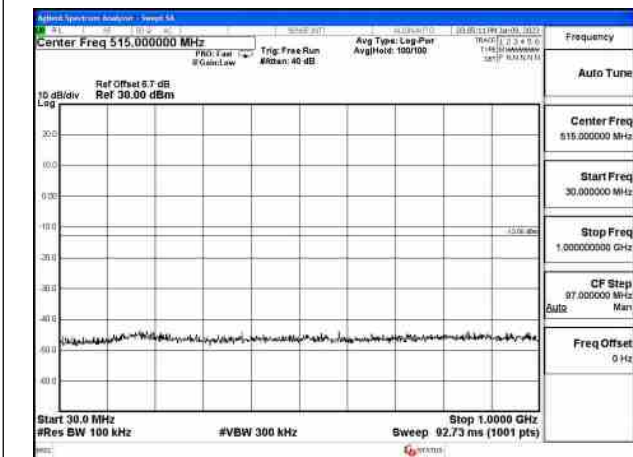


Fig.3

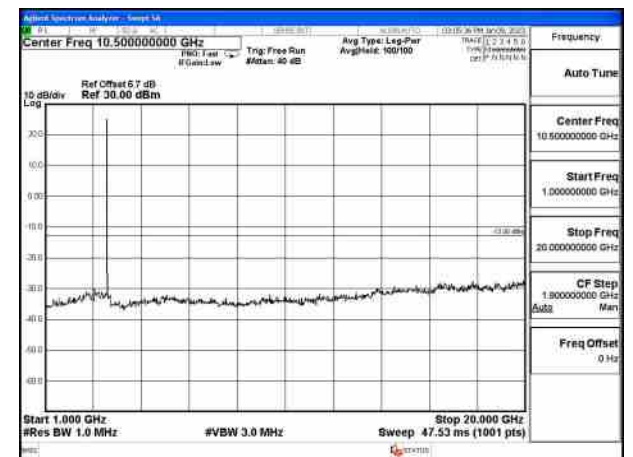


Fig.4

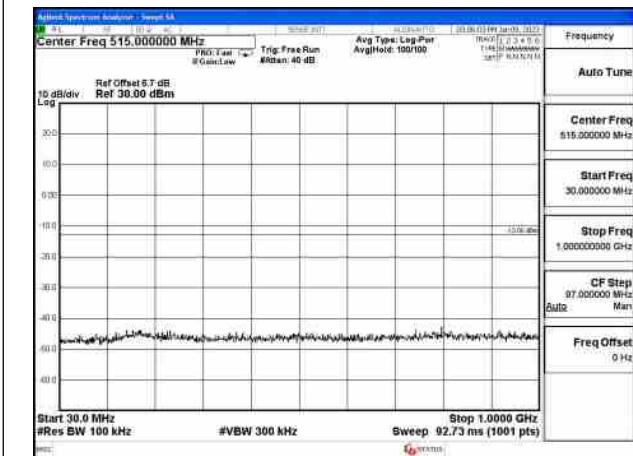


Fig.5

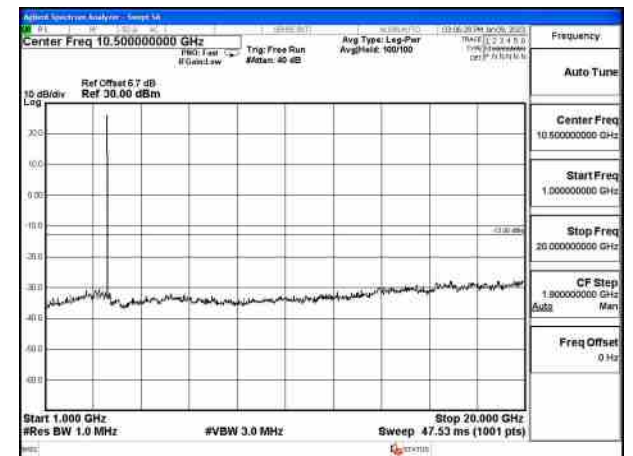


Fig.6

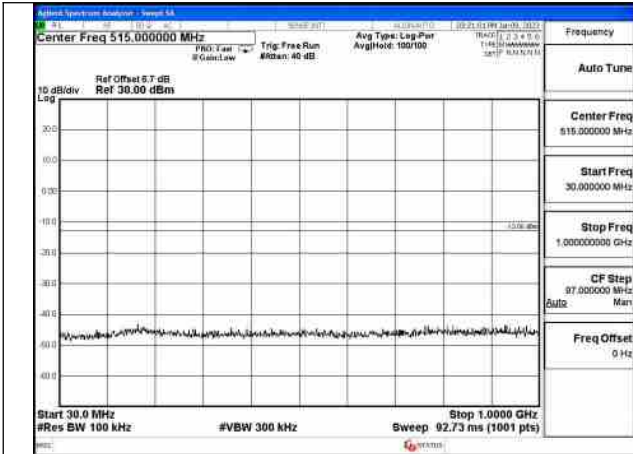


Fig.7

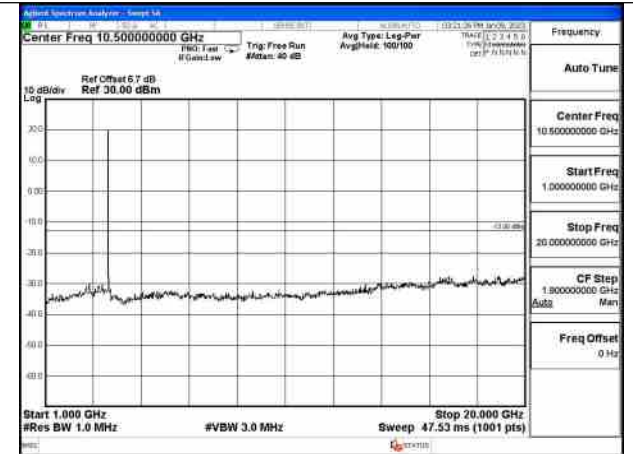


Fig.8



Fig.9

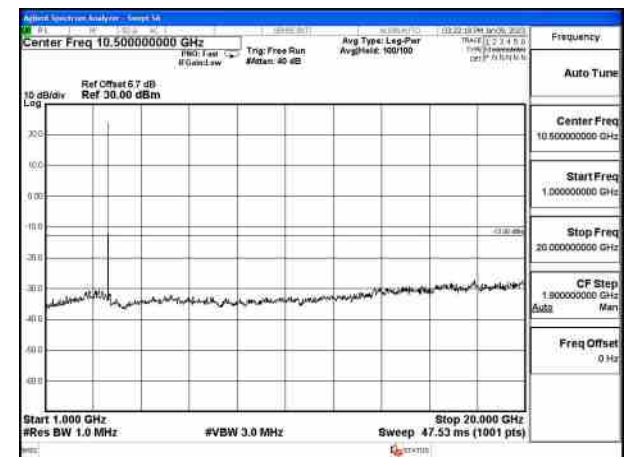


Fig.10



Fig.11

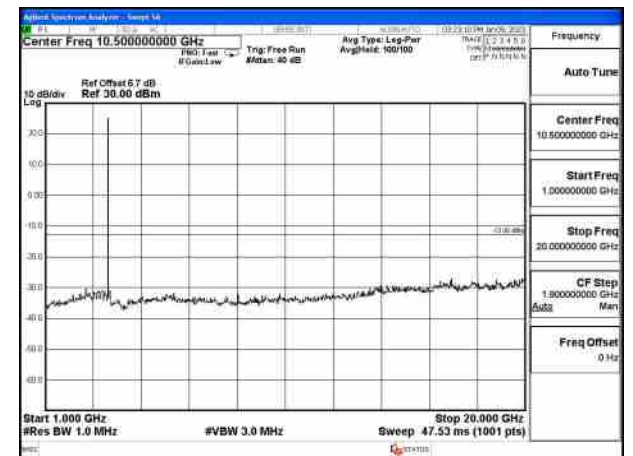


Fig.12

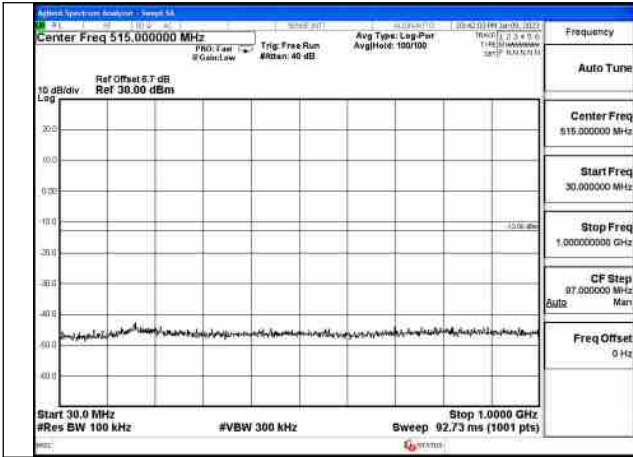


Fig.13

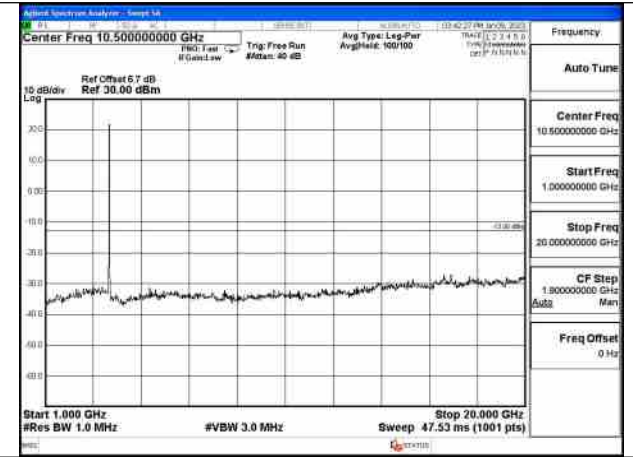


Fig.14

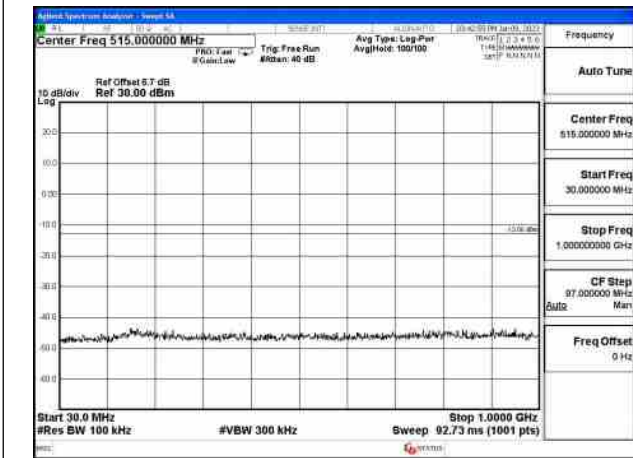


Fig.15



Fig.16



Fig.17

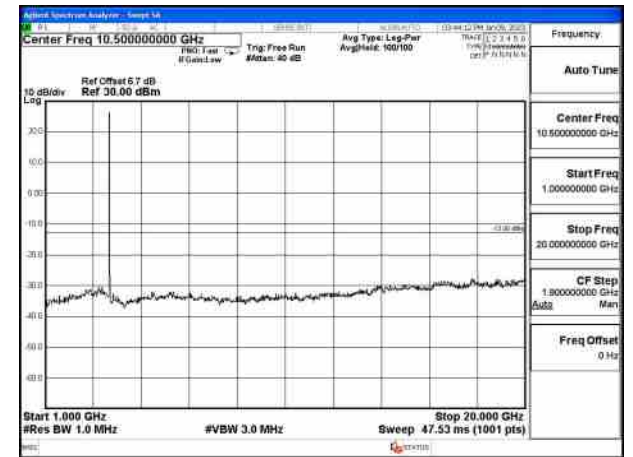


Fig.18

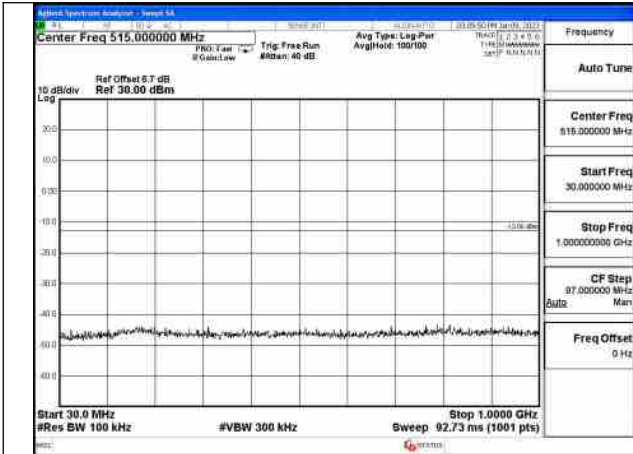


Fig.19

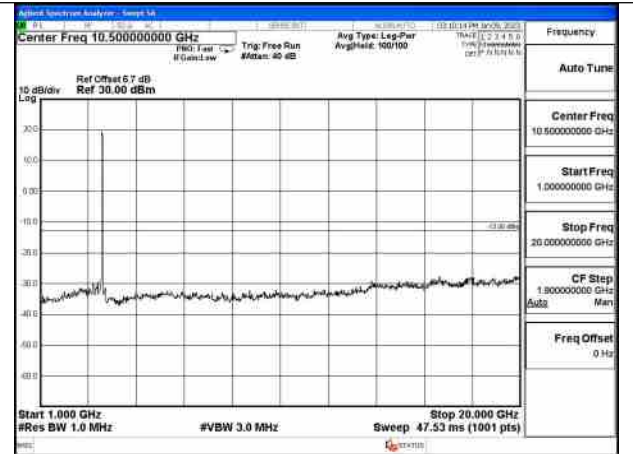


Fig.20

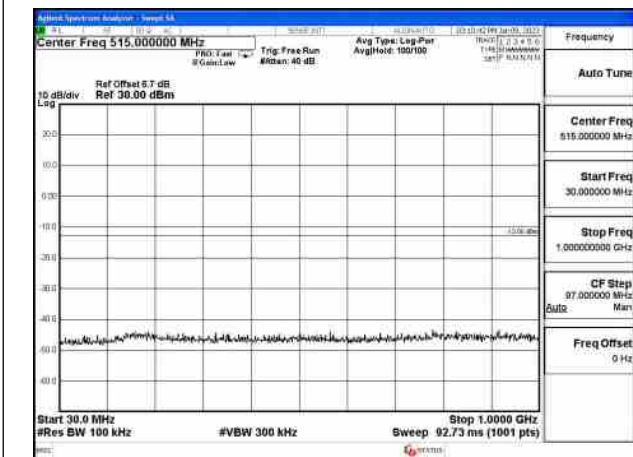


Fig.21



Fig.22



Fig.23

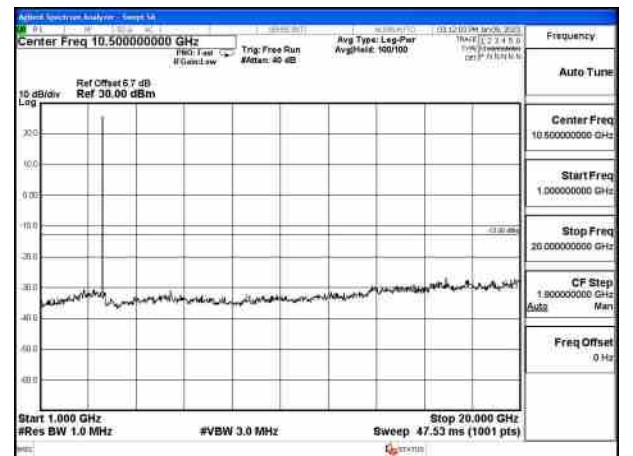


Fig.24

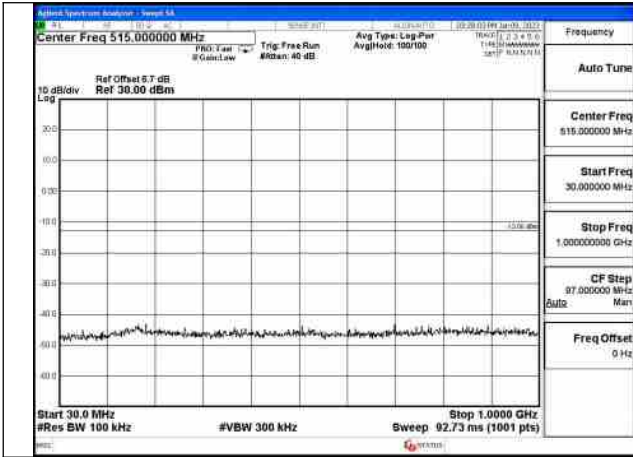


Fig.25

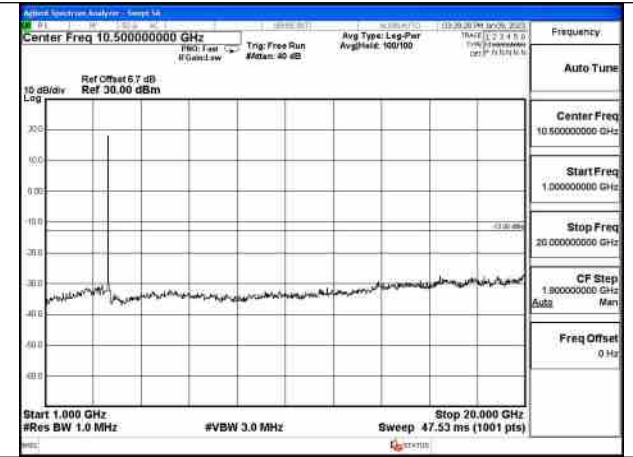


Fig.26



Fig.27

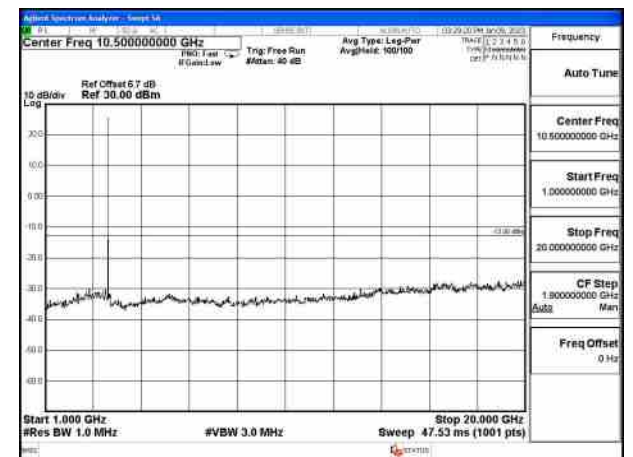


Fig.28



Fig.29



Fig.30

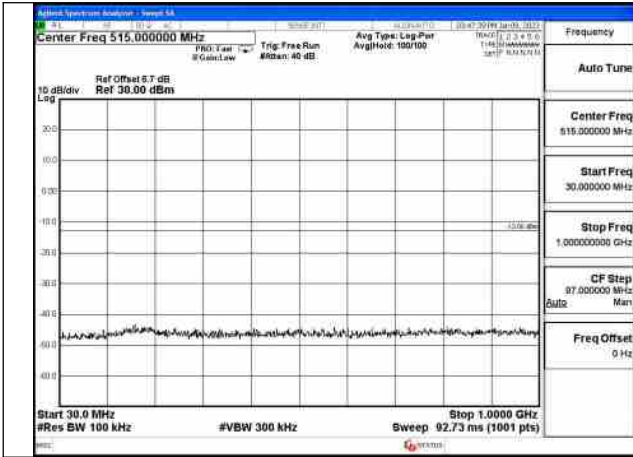


Fig.31



Fig.32



Fig.33

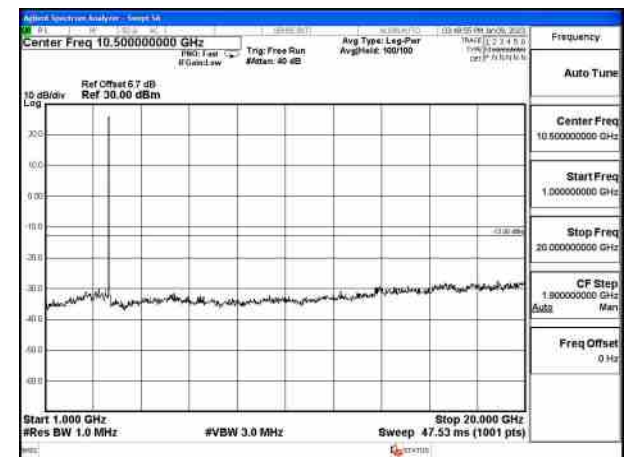


Fig.34



Fig.35

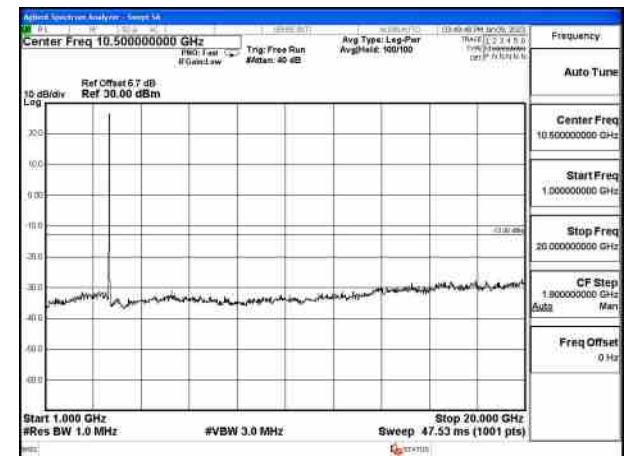


Fig.36

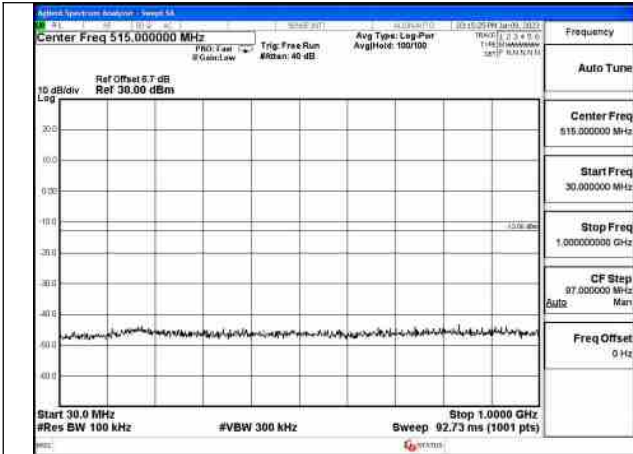


Fig.37

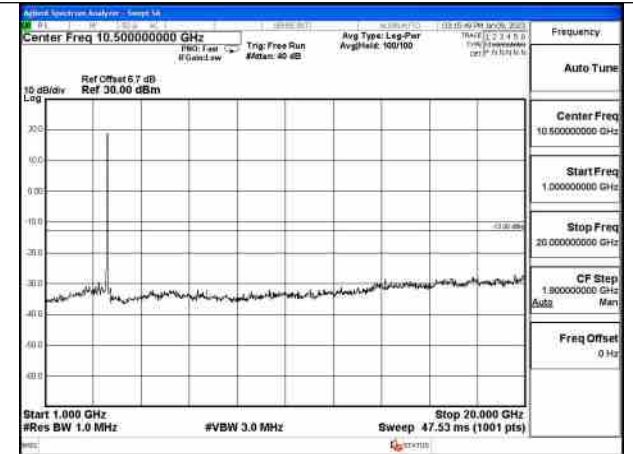


Fig.38

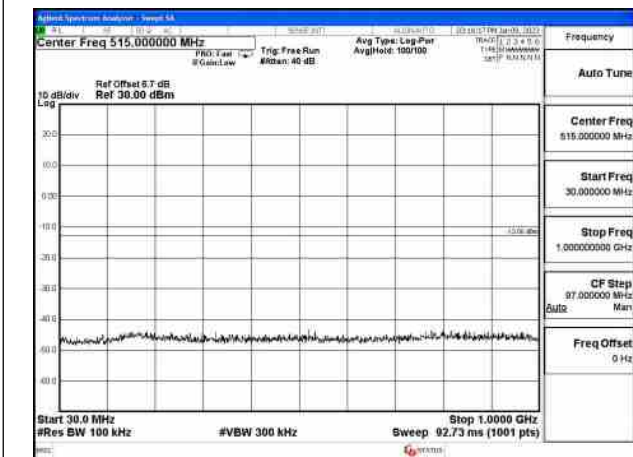


Fig.39

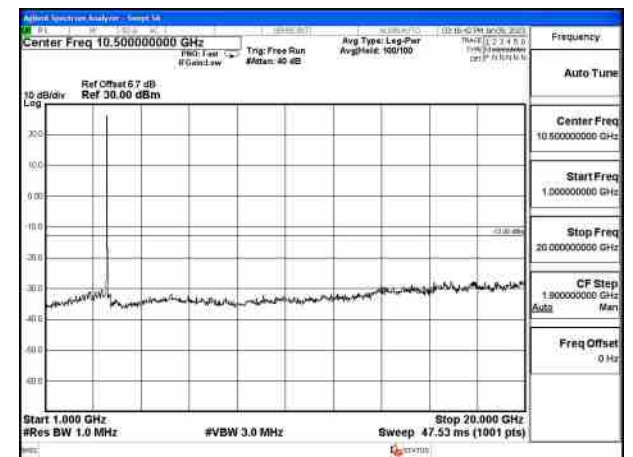


Fig.40



Fig.41

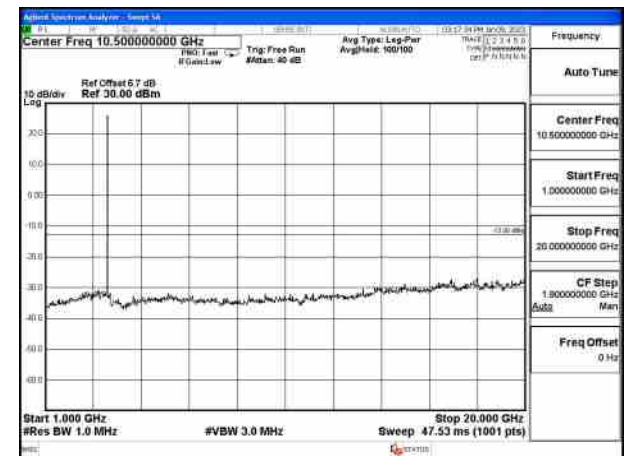


Fig.42

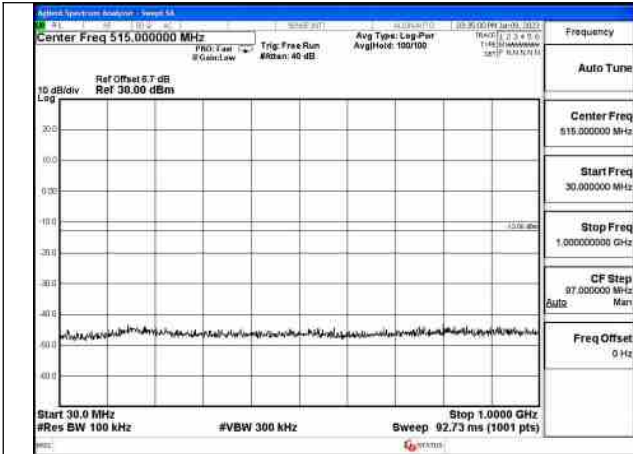


Fig.43

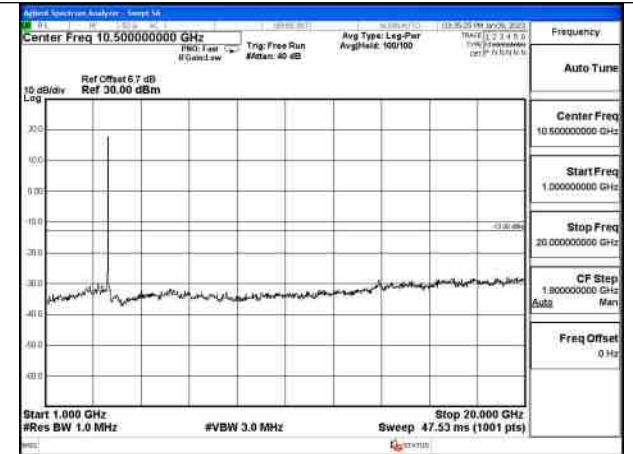


Fig.44



Fig.45

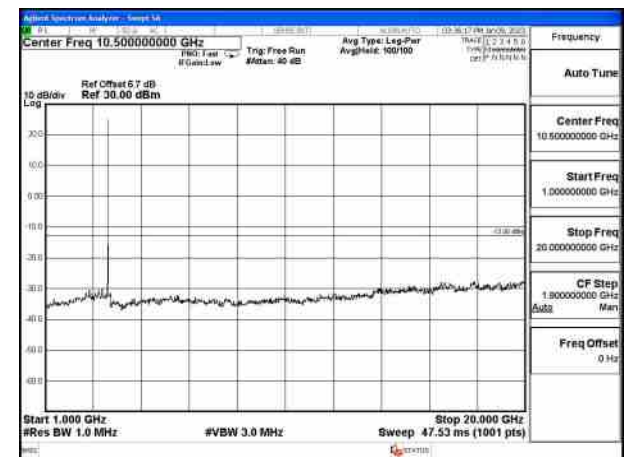


Fig.46

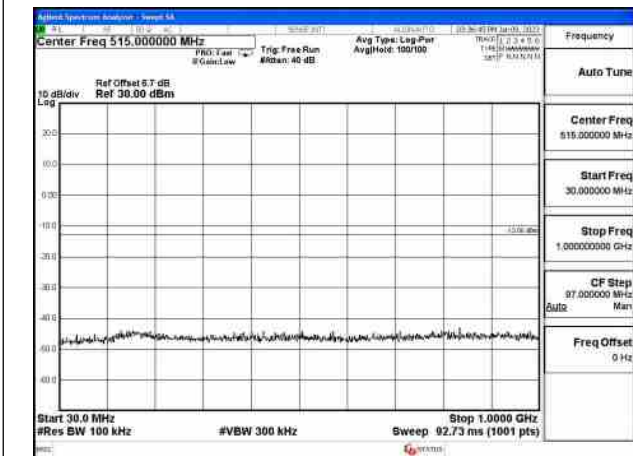


Fig.47

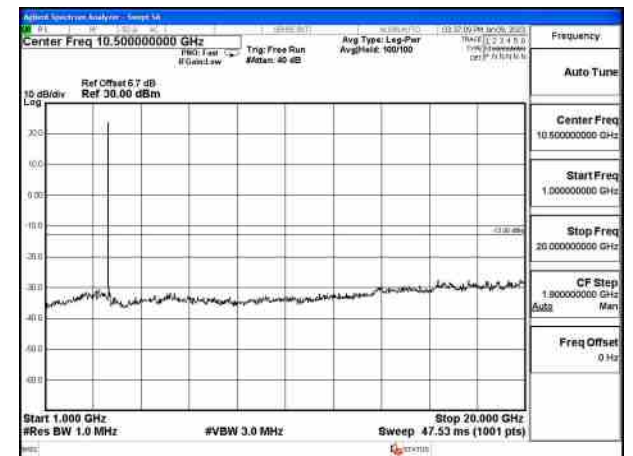


Fig.48



Fig.49

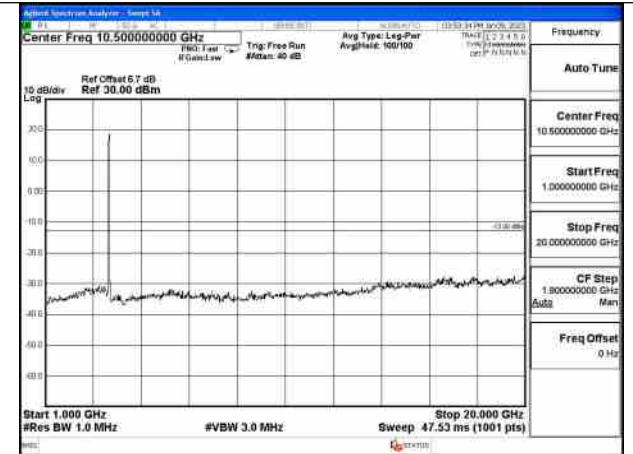


Fig.50



Fig.51

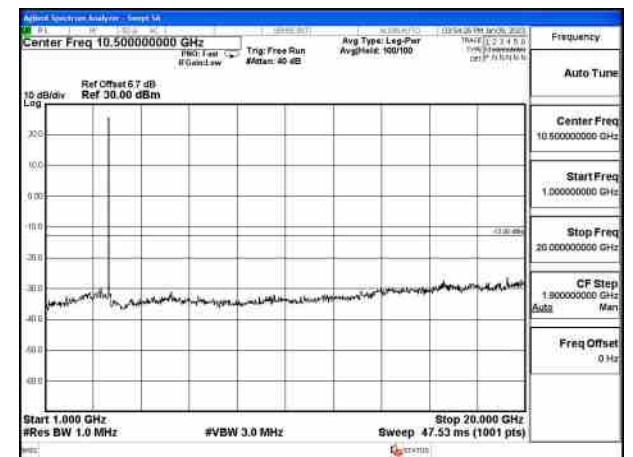


Fig.52



Fig.53

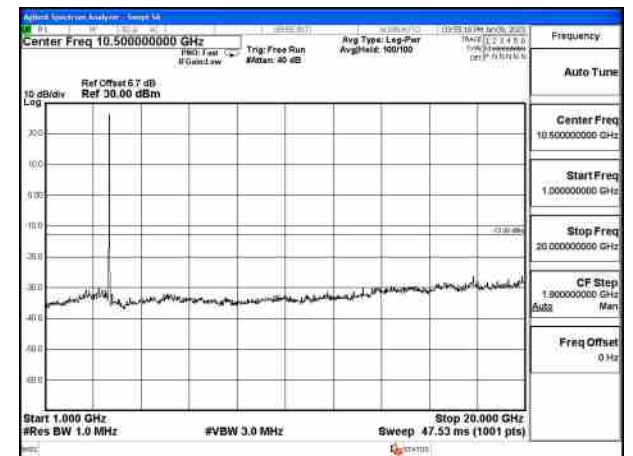


Fig.54



Fig.55

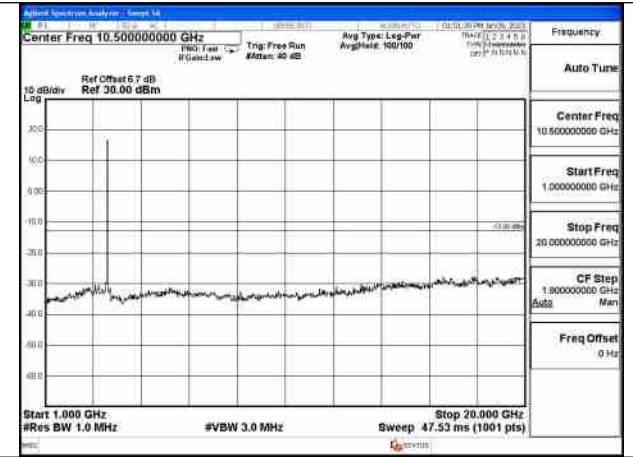


Fig.56

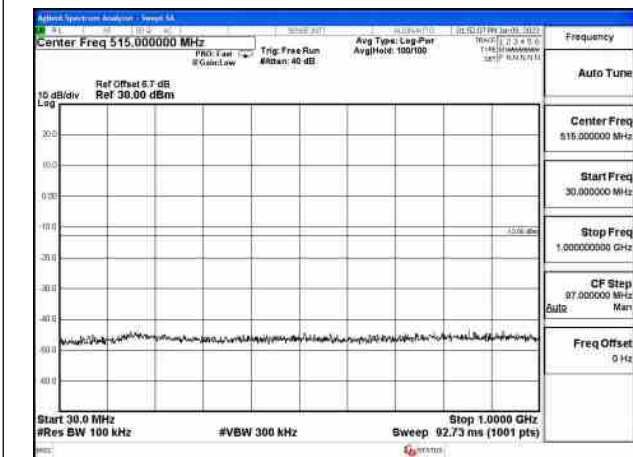


Fig.57

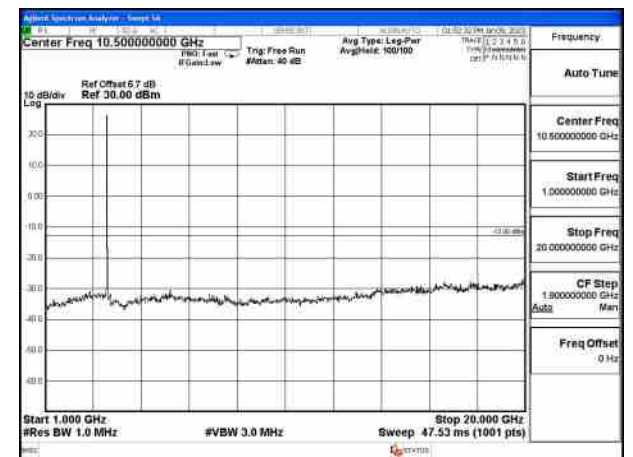


Fig.58

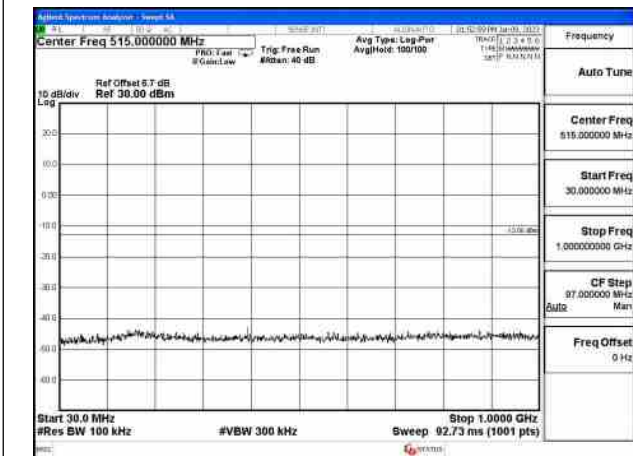


Fig.59

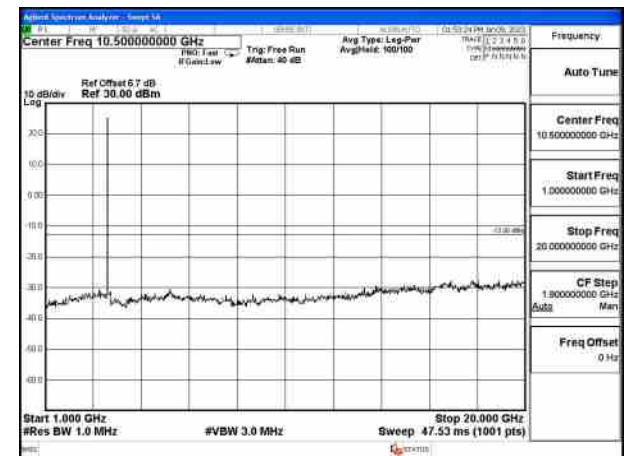


Fig.60

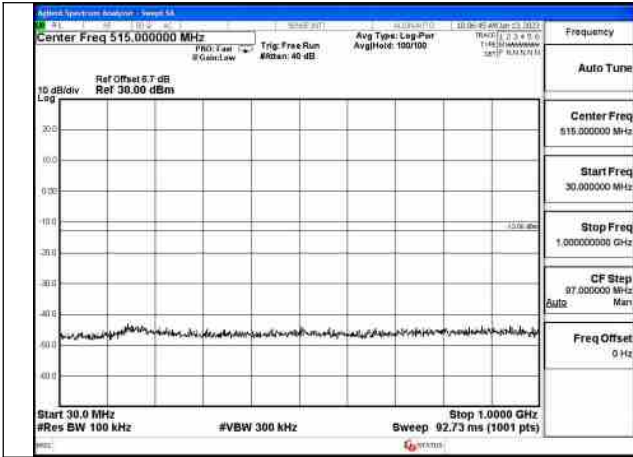


Fig.61

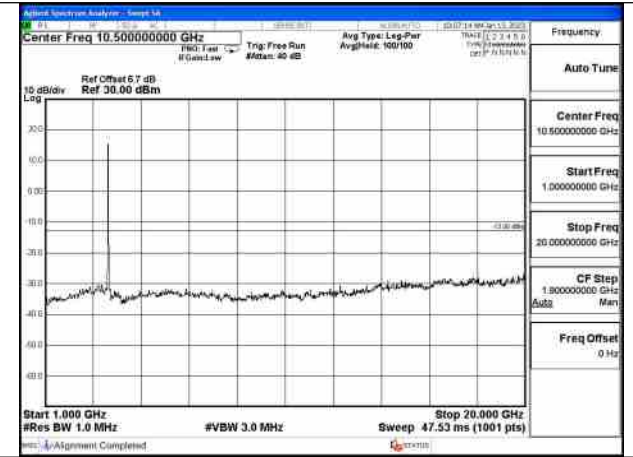


Fig.62



Fig.63

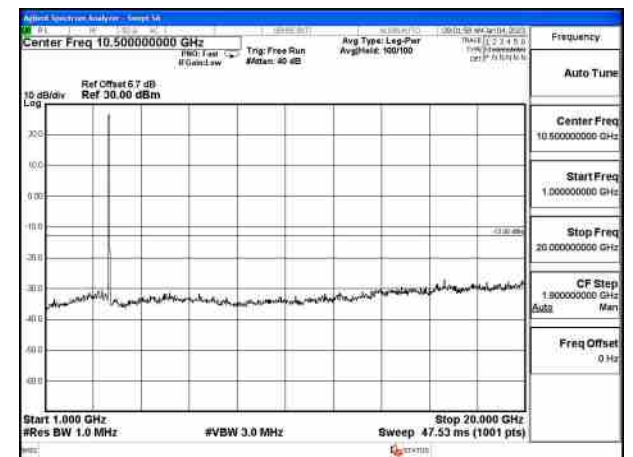


Fig.64



Fig.65

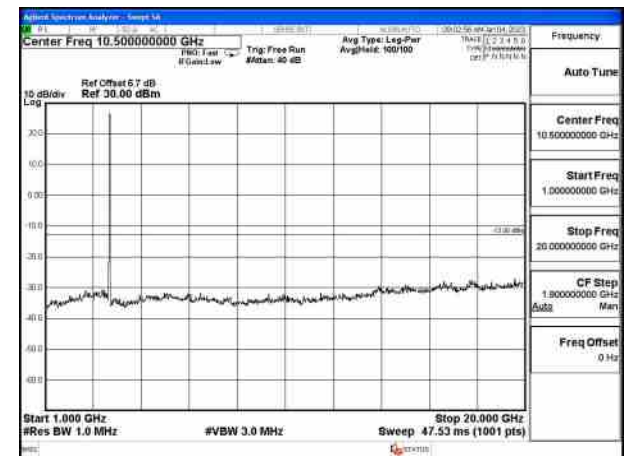


Fig.66

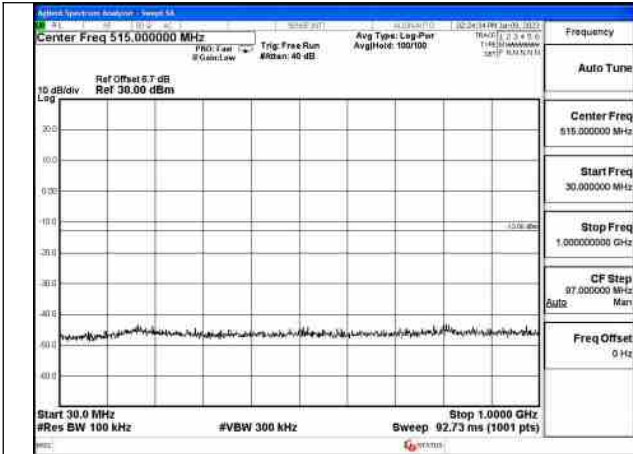


Fig.67

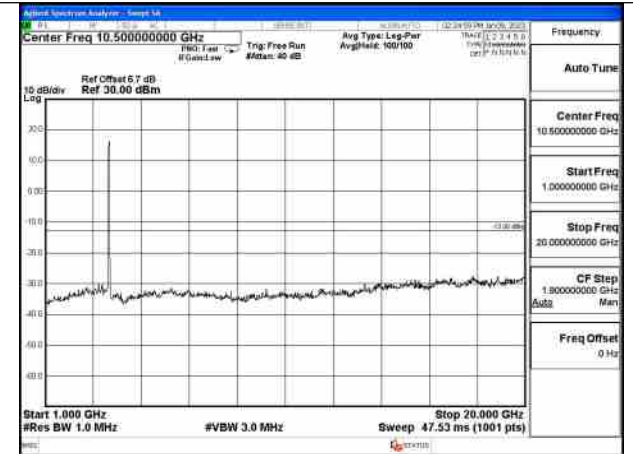


Fig.68

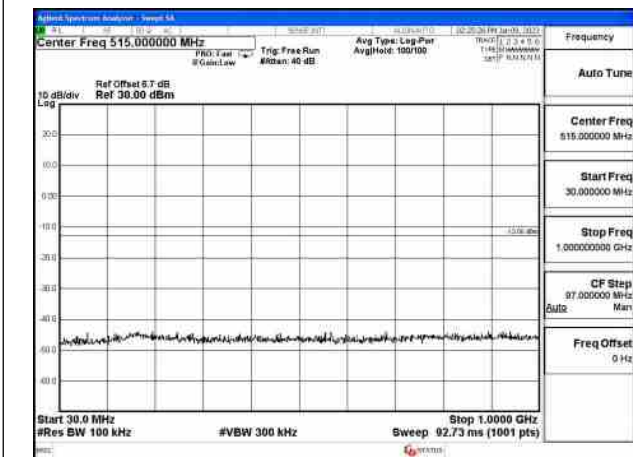


Fig.69

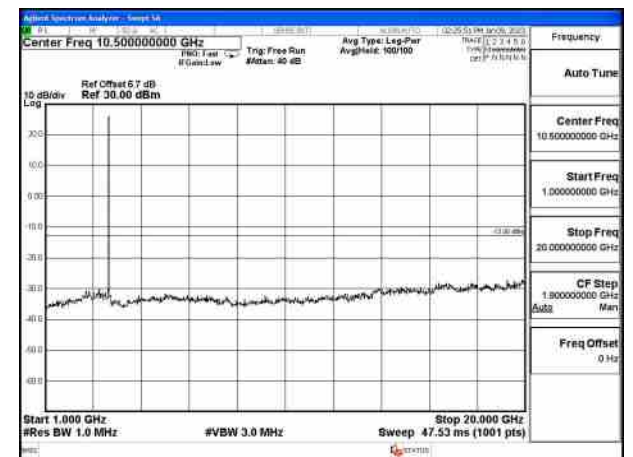


Fig.70

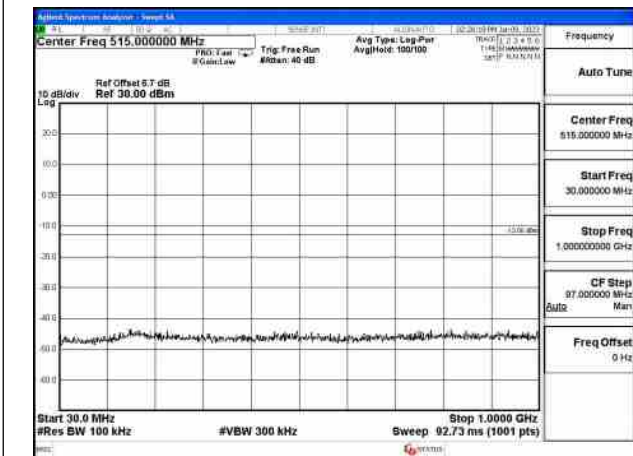


Fig.71

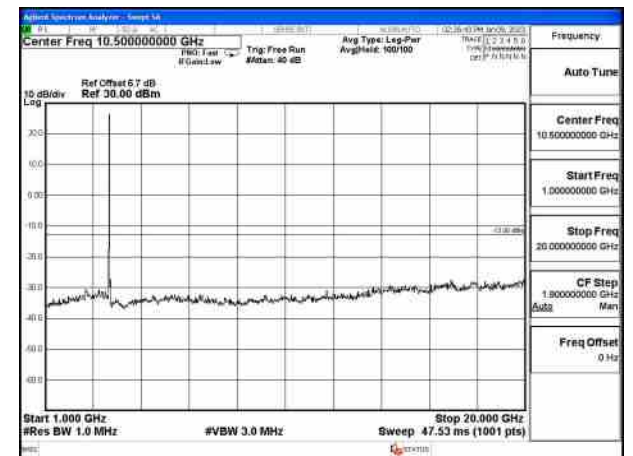


Fig.72

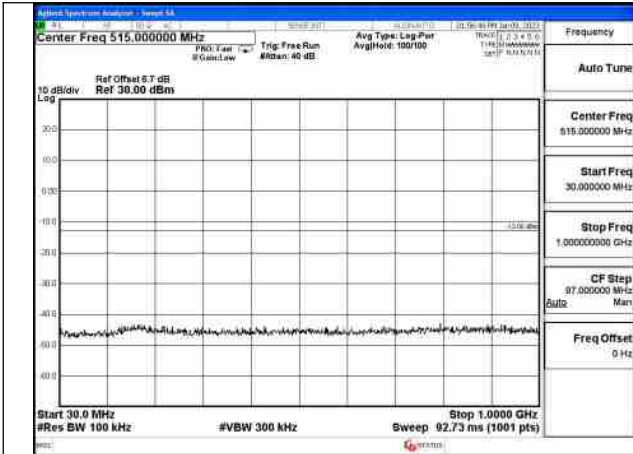


Fig.73

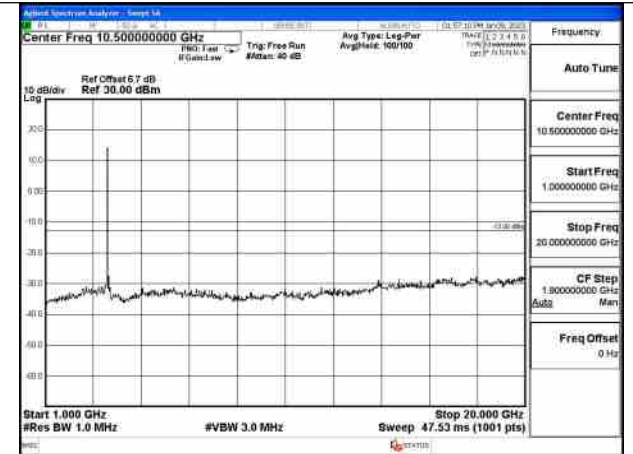


Fig.74



Fig.75

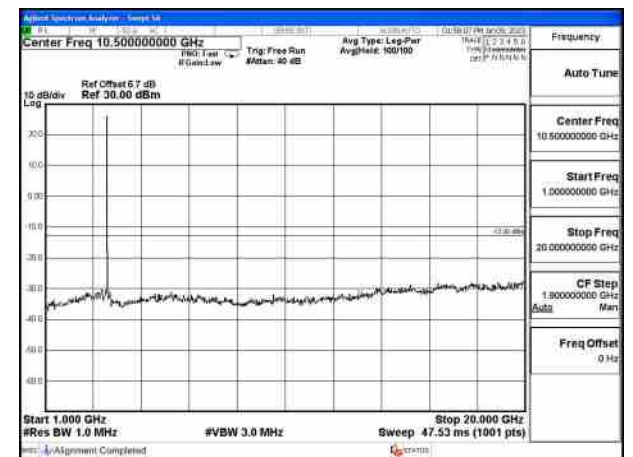


Fig.76

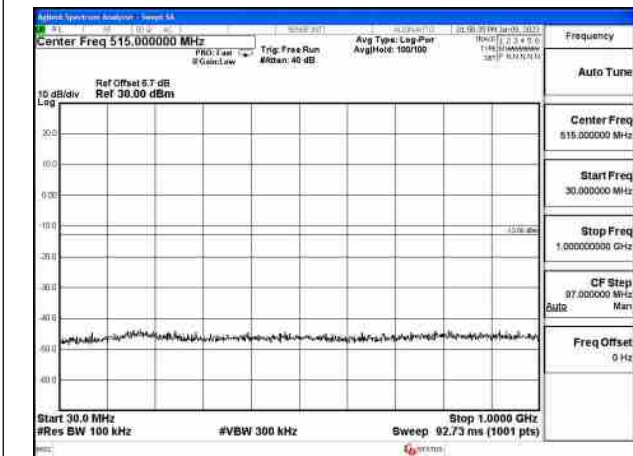


Fig.77

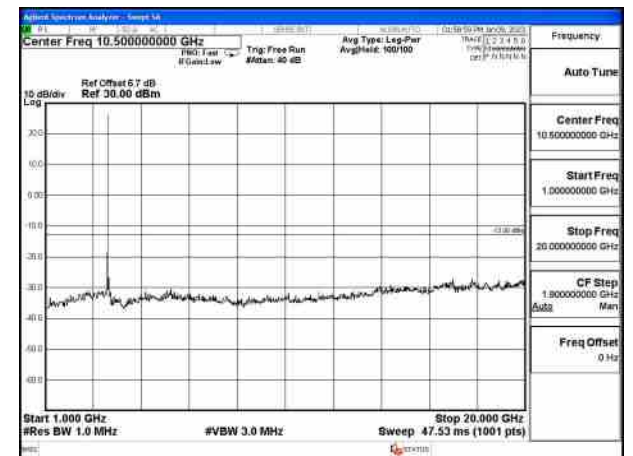


Fig.78

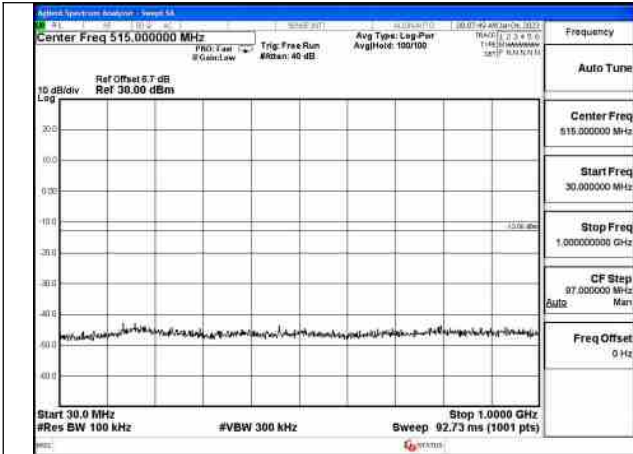


Fig.79

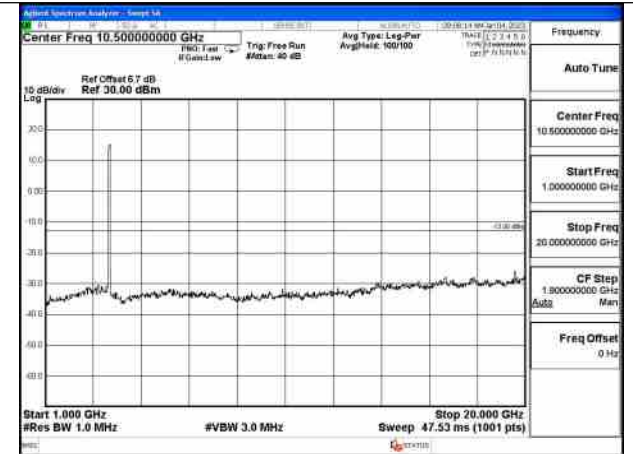


Fig.80



Fig.81

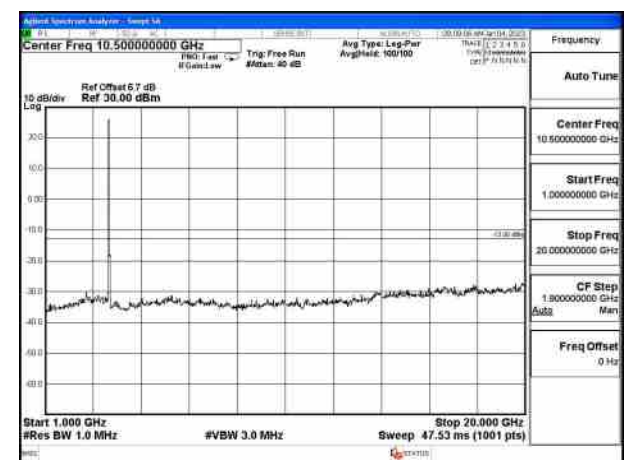


Fig.82



Fig.83

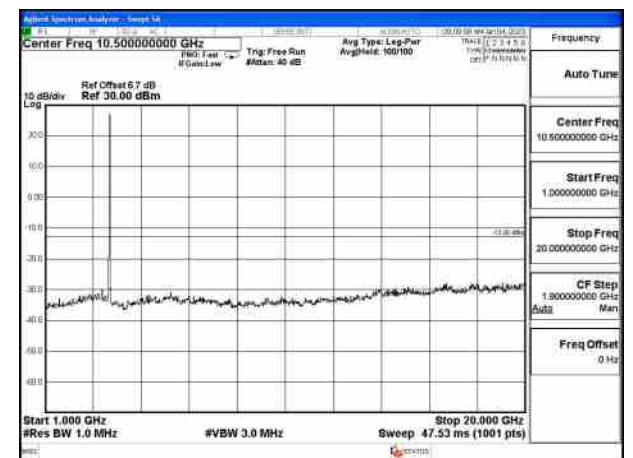


Fig.84

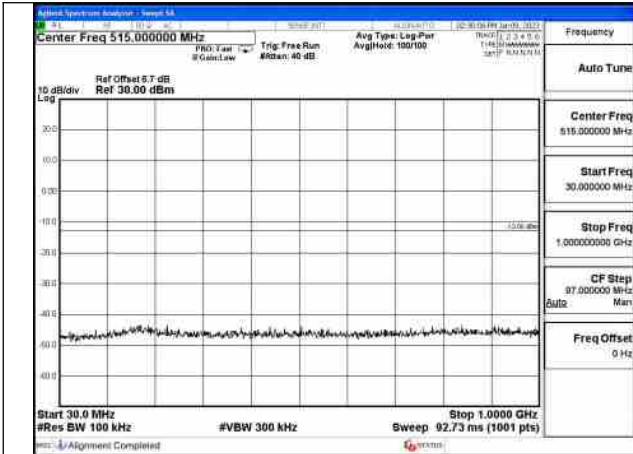


Fig.85

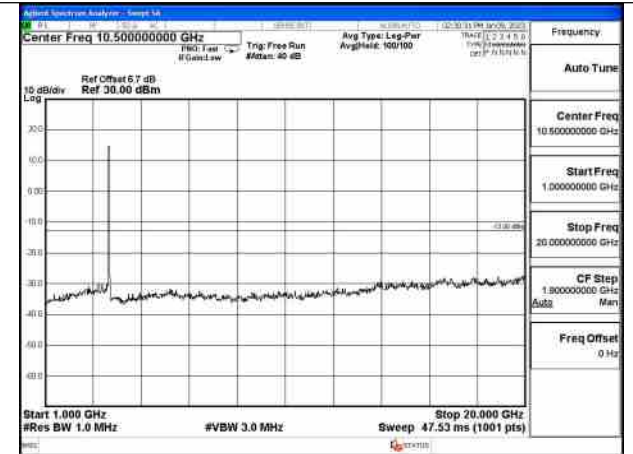


Fig.86



Fig.87

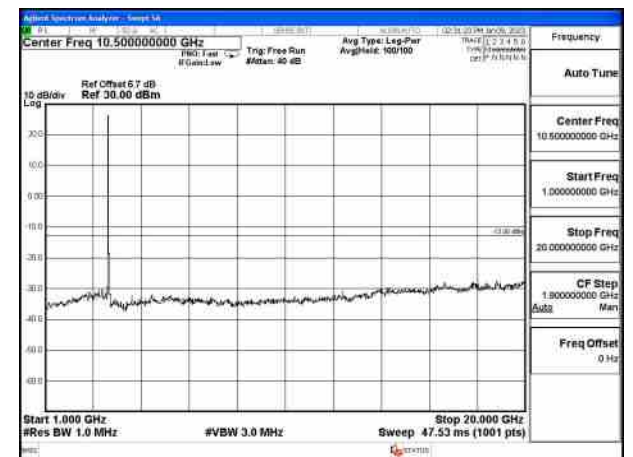


Fig.88



Fig.89

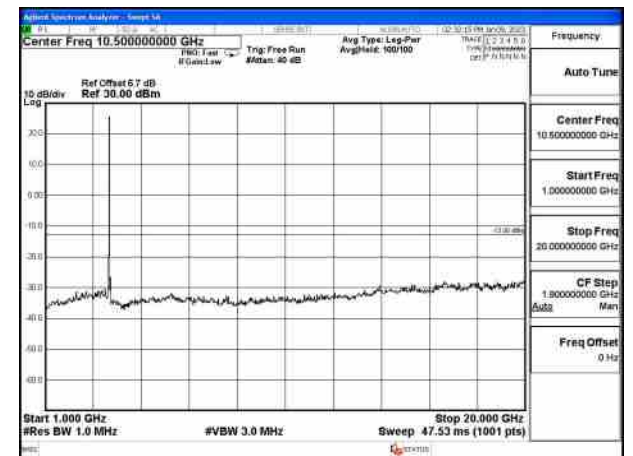


Fig.90



Fig.91

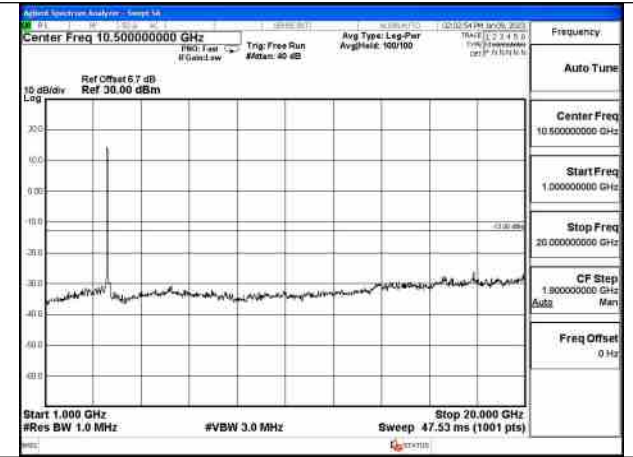


Fig.92



Fig.93

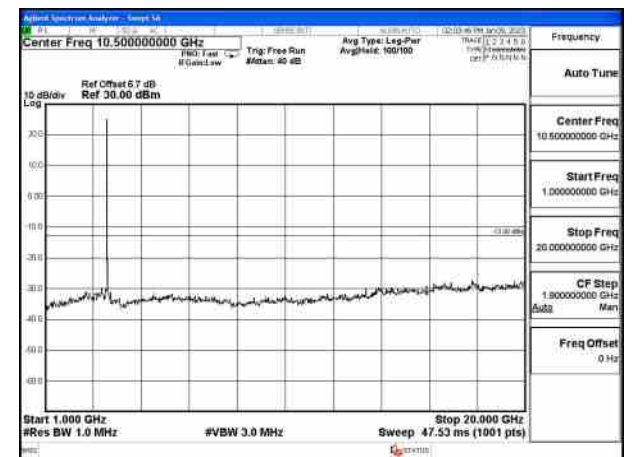


Fig.94



Fig.95

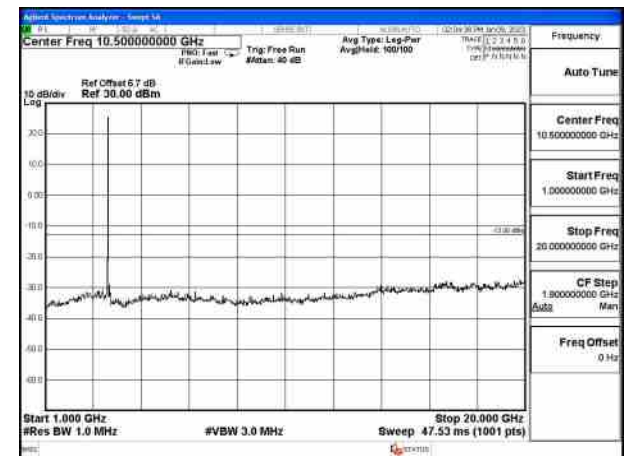


Fig.96

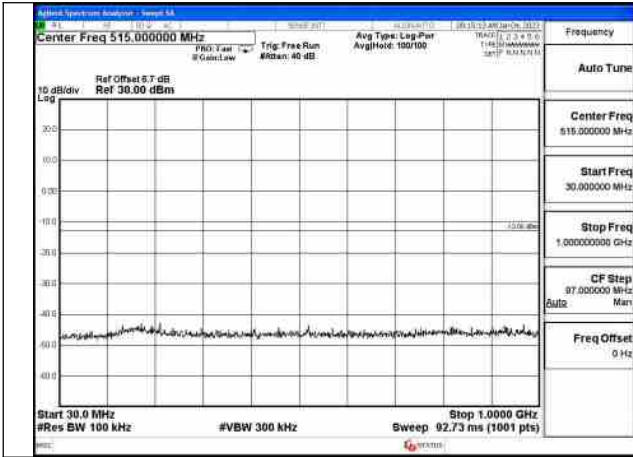


Fig.97

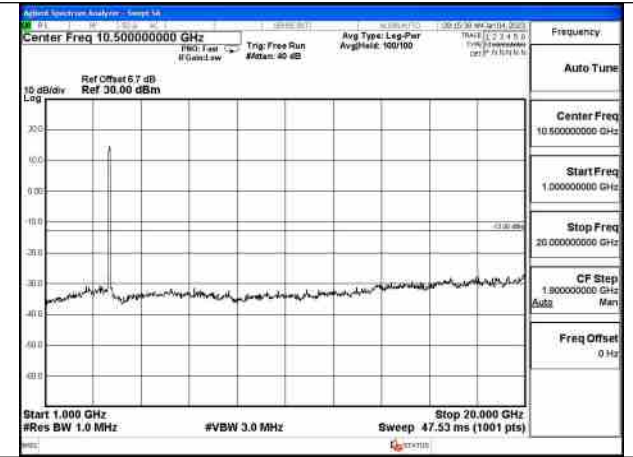


Fig.98



Fig.99



Fig.100

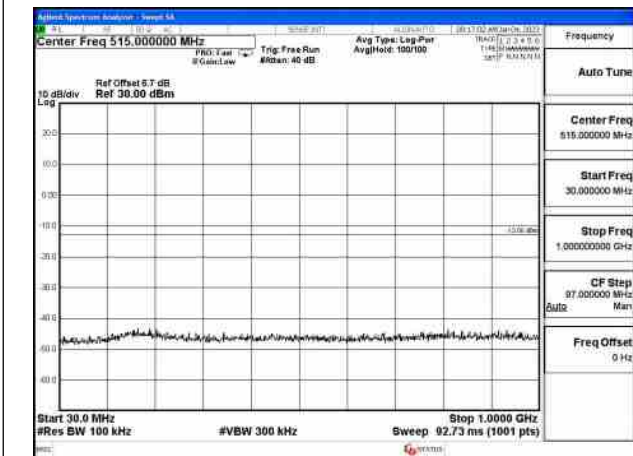


Fig.101

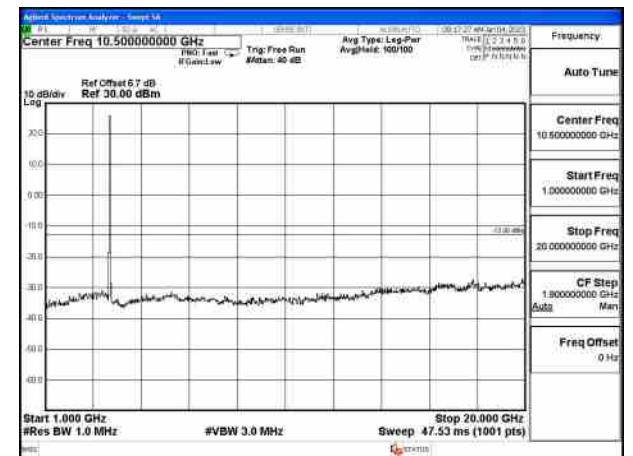


Fig.102

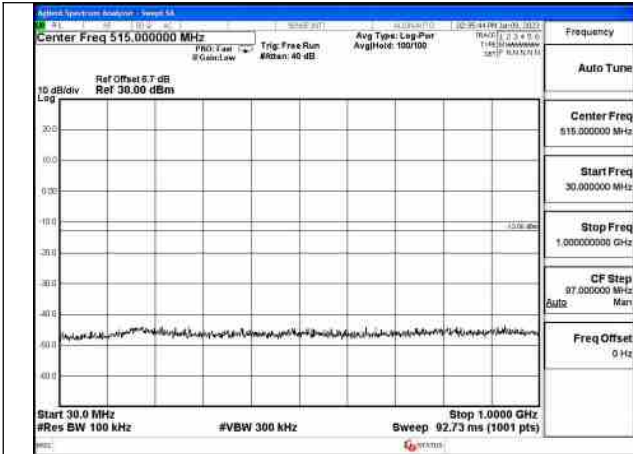


Fig.103

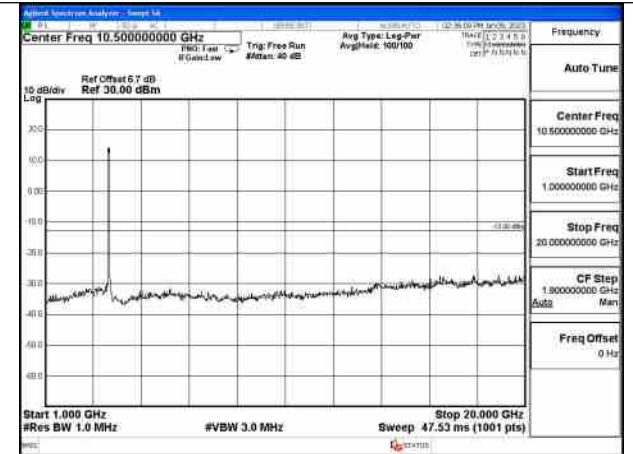


Fig.104

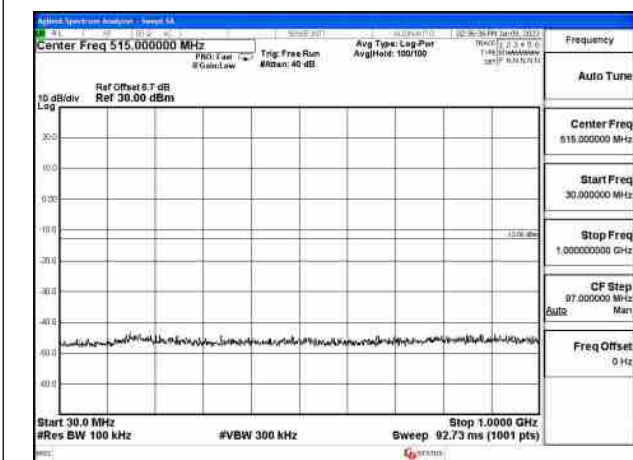


Fig.105

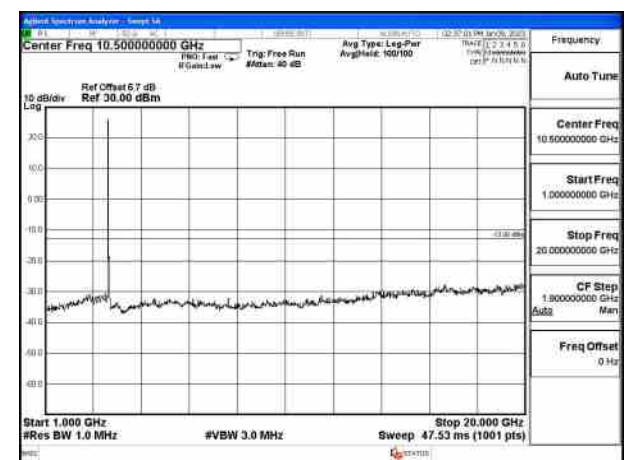


Fig.106



Fig.107

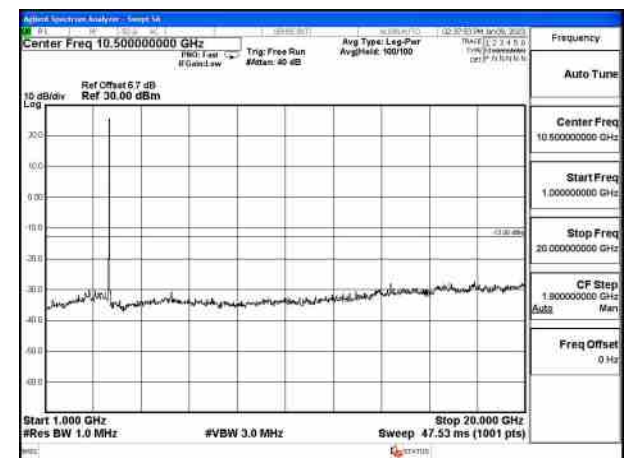


Fig.108

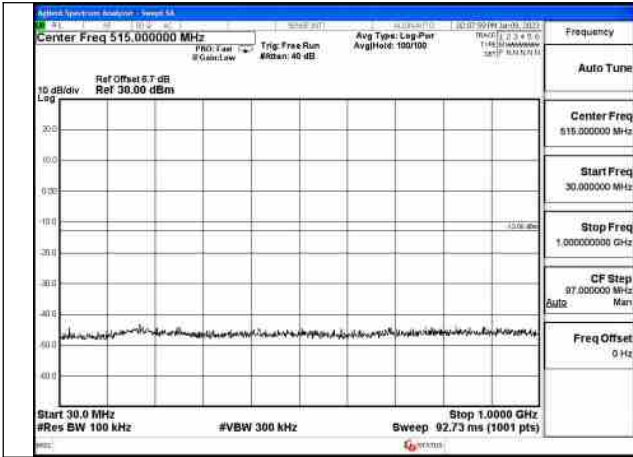


Fig.109

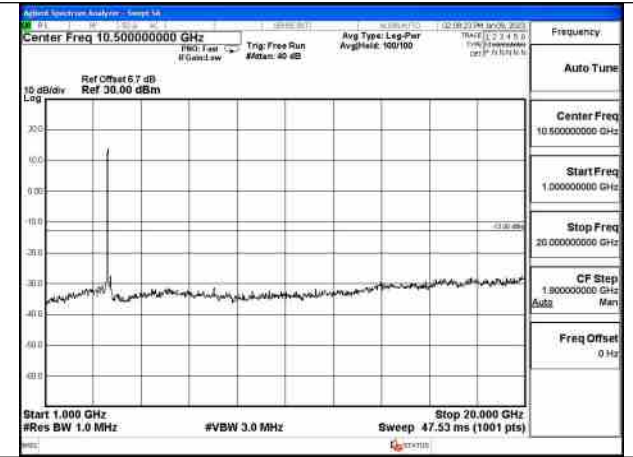


Fig.110



Fig.111

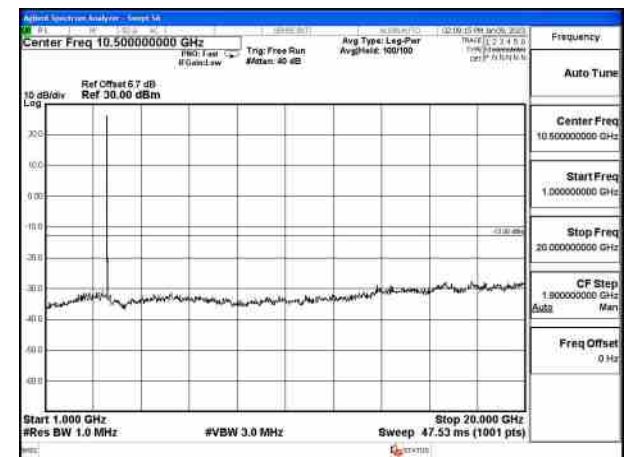


Fig.112

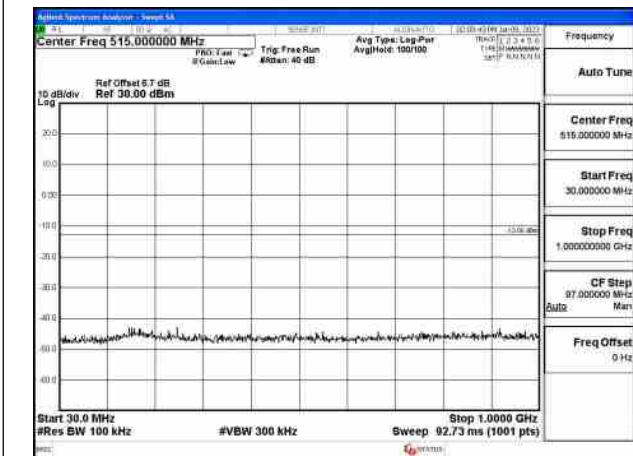


Fig.113

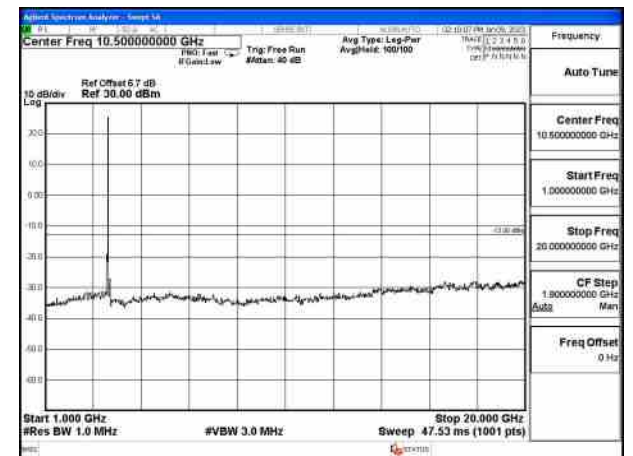


Fig.114

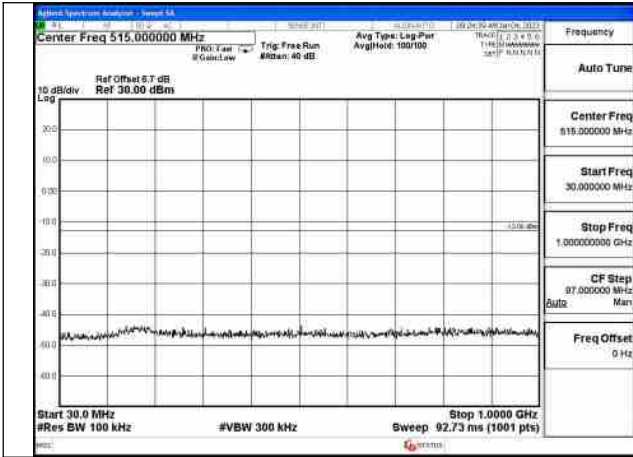


Fig.115

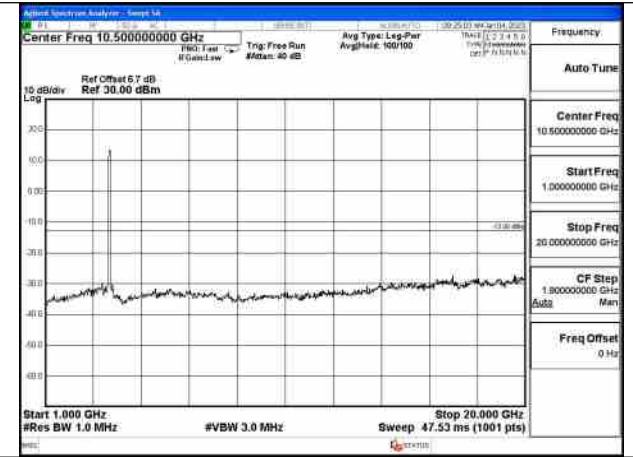


Fig.116



Fig.117

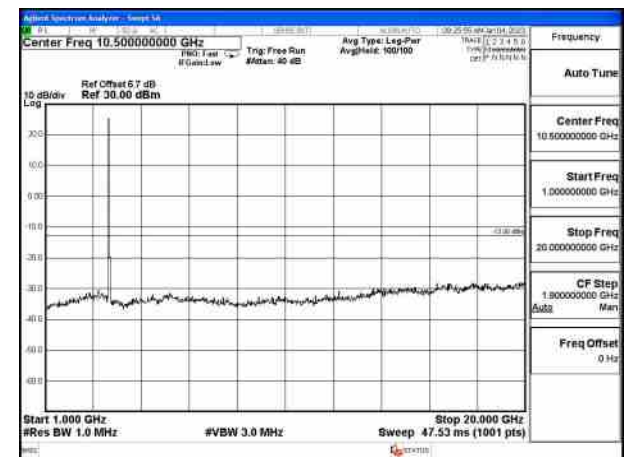


Fig.118



Fig.119

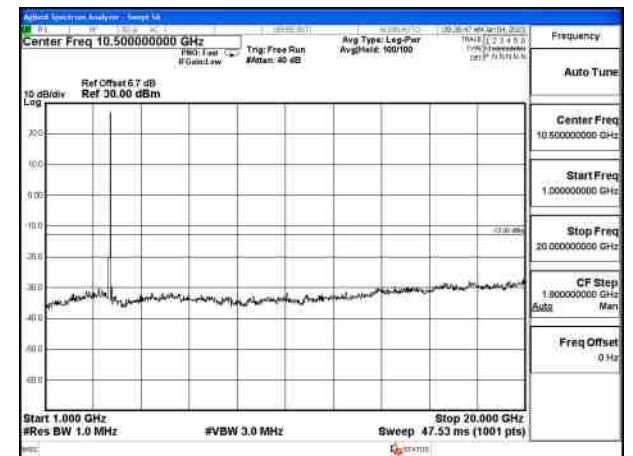


Fig.120

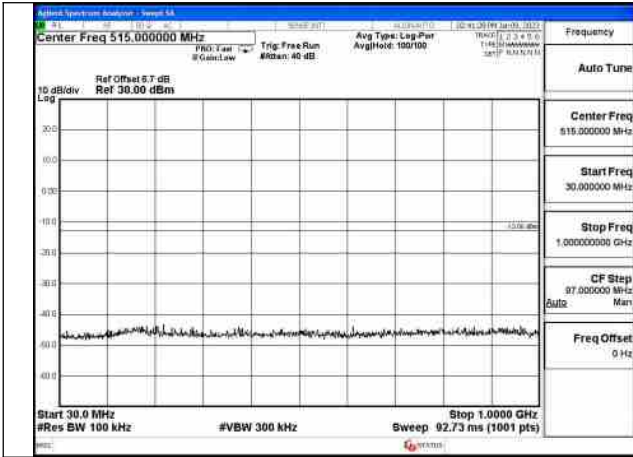


Fig.121

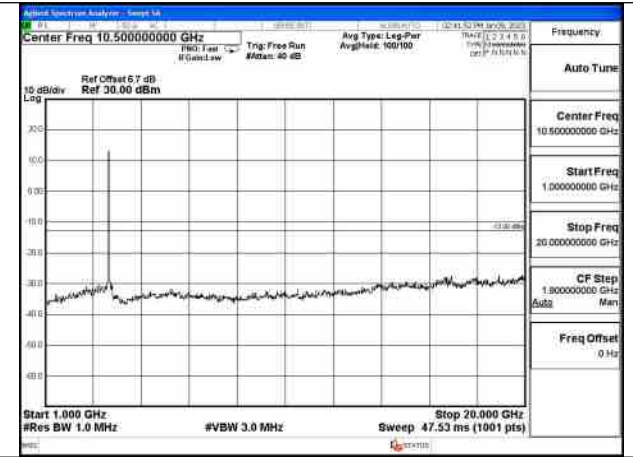


Fig.122



Fig.123

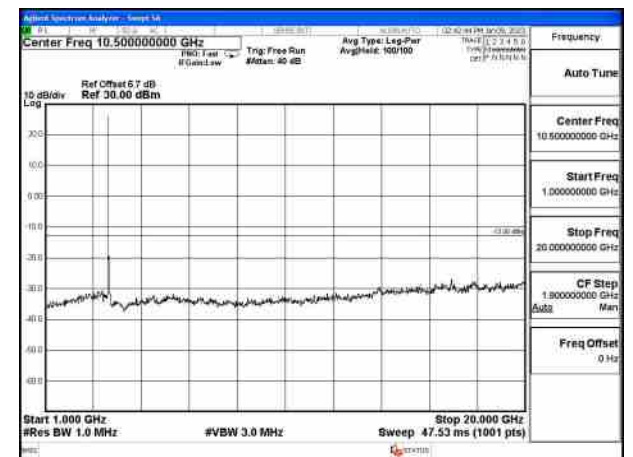


Fig.124



Fig.125

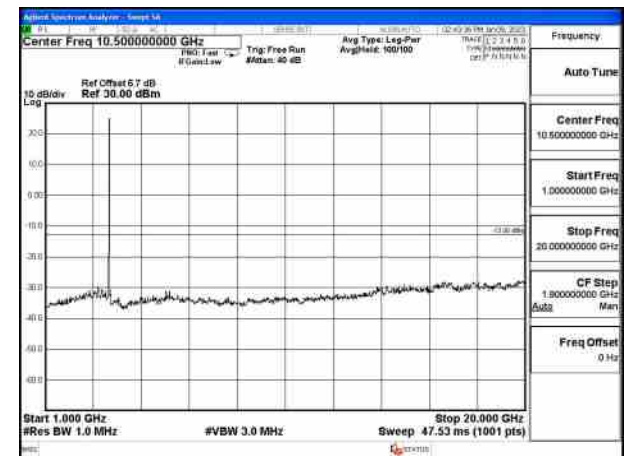


Fig.126