

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

N78(3700-3800)

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	3710.01	647334	20	25	12	24.21
DFT-s-OFDM PI/2 BPSK	3710.01	647334	20	1	1	24.24
DFT-s-OFDM PI/2 BPSK	3710.01	647334	20	1	49	25.09
DFT-s-OFDM PI/2 BPSK	3710.01	647334	20	50	0	24.24
DFT-s-OFDM QPSK	3710.01	647334	20	25	12	25.22
DFT-s-OFDM QPSK	3710.01	647334	20	1	1	25.03
DFT-s-OFDM QPSK	3710.01	647334	20	1	49	24.99
DFT-s-OFDM QPSK	3710.01	647334	20	50	0	24.17
DFT-s-OFDM 16QAM	3710.01	647334	20	25	12	24.20
DFT-s-OFDM 16QAM	3710.01	647334	20	1	1	24.26
DFT-s-OFDM 16QAM	3710.01	647334	20	1	49	24.06
DFT-s-OFDM 16QAM	3710.01	647334	20	50	0	23.18
DFT-s-OFDM 64QAM	3710.01	647334	20	25	12	22.75
DFT-s-OFDM 64QAM	3710.01	647334	20	1	1	22.37
DFT-s-OFDM 64QAM	3710.01	647334	20	1	49	22.49
DFT-s-OFDM 64QAM	3710.01	647334	20	50	0	22.73
DFT-s-OFDM 256QAM	3710.01	647334	20	25	12	20.67
DFT-s-OFDM 256QAM	3710.01	647334	20	1	1	20.53
DFT-s-OFDM 256QAM	3710.01	647334	20	1	49	20.62
DFT-s-OFDM 256QAM	3710.01	647334	20	50	0	20.63
CP-OFDM QPSK	3710.01	647334	20	25	12	23.69
CP-OFDM QPSK	3710.01	647334	20	1	1	23.65
CP-OFDM QPSK	3710.01	647334	20	1	49	23.68
CP-OFDM QPSK	3710.01	647334	20	51	0	22.24
CP-OFDM 16QAM	3710.01	647334	20	25	12	23.22
CP-OFDM 16QAM	3710.01	647334	20	1	1	23.23
CP-OFDM 16QAM	3710.01	647334	20	1	49	23.25
CP-OFDM 16QAM	3710.01	647334	20	51	0	22.14
CP-OFDM 64QAM	3710.01	647334	20	25	12	21.74
CP-OFDM 64QAM	3710.01	647334	20	1	1	21.38
CP-OFDM 64QAM	3710.01	647334	20	1	49	21.28
CP-OFDM 64QAM	3710.01	647334	20	51	0	21.72
CP-OFDM 256QAM	3710.01	647334	20	25	12	18.64
CP-OFDM 256QAM	3710.01	647334	20	1	1	18.65
CP-OFDM 256QAM	3710.01	647334	20	1	49	18.55
CP-OFDM 256QAM	3710.01	647334	20	51	0	18.68
DFT-s-OFDM PI/2 BPSK	3750	650000	20	25	12	20.61
DFT-s-OFDM PI/2 BPSK	3750	650000	20	1	1	20.47
DFT-s-OFDM PI/2 BPSK	3750	650000	20	1	49	20.48
DFT-s-OFDM PI/2 BPSK	3750	650000	20	50	0	20.58
DFT-s-OFDM QPSK	3750	650000	20	25	12	25.09

DFT-s-OFDM QPSK	3750	650000	20	1	1	25.08
DFT-s-OFDM QPSK	3750	650000	20	1	49	25.09
DFT-s-OFDM QPSK	3750	650000	20	50	0	24.12
DFT-s-OFDM 16QAM	3750	650000	20	25	12	24.14
DFT-s-OFDM 16QAM	3750	650000	20	1	1	24.04
DFT-s-OFDM 16QAM	3750	650000	20	1	49	24.21
DFT-s-OFDM 16QAM	3750	650000	20	50	0	23.11
DFT-s-OFDM 64QAM	3750	650000	20	25	12	22.67
DFT-s-OFDM 64QAM	3750	650000	20	1	1	22.11
DFT-s-OFDM 64QAM	3750	650000	20	1	49	22.20
DFT-s-OFDM 64QAM	3750	650000	20	50	0	22.63
DFT-s-OFDM 256QAM	3750	650000	20	25	12	20.49
DFT-s-OFDM 256QAM	3750	650000	20	1	1	20.40
DFT-s-OFDM 256QAM	3750	650000	20	1	49	20.61
DFT-s-OFDM 256QAM	3750	650000	20	50	0	20.58
CP-OFDM QPSK	3750	650000	20	25	12	23.61
CP-OFDM QPSK	3750	650000	20	1	1	23.75
CP-OFDM QPSK	3750	650000	20	1	49	23.60
CP-OFDM QPSK	3750	650000	20	51	0	22.07
CP-OFDM 16QAM	3750	650000	20	25	12	23.14
CP-OFDM 16QAM	3750	650000	20	1	1	23.35
CP-OFDM 16QAM	3750	650000	20	1	49	23.34
CP-OFDM 16QAM	3750	650000	20	51	0	22.15
CP-OFDM 64QAM	3750	650000	20	25	12	21.59
CP-OFDM 64QAM	3750	650000	20	1	1	21.22
CP-OFDM 64QAM	3750	650000	20	1	49	21.26
CP-OFDM 64QAM	3750	650000	20	51	0	21.60
CP-OFDM 256QAM	3750	650000	20	25	12	18.49
CP-OFDM 256QAM	3750	650000	20	1	1	18.64
CP-OFDM 256QAM	3750	650000	20	1	49	18.67
CP-OFDM 256QAM	3750	650000	20	51	0	18.58
DFT-s-OFDM PI/2 BPSK	3789.99	652666	20	25	12	20.53
DFT-s-OFDM PI/2 BPSK	3789.99	652666	20	1	1	20.56
DFT-s-OFDM PI/2 BPSK	3789.99	652666	20	1	49	20.58
DFT-s-OFDM PI/2 BPSK	3789.99	652666	20	50	0	20.53
DFT-s-OFDM QPSK	3789.99	652666	20	25	12	25.10
DFT-s-OFDM QPSK	3789.99	652666	20	1	1	25.11
DFT-s-OFDM QPSK	3789.99	652666	20	1	49	25.12
DFT-s-OFDM QPSK	3789.99	652666	20	50	0	24.12
DFT-s-OFDM 16QAM	3789.99	652666	20	25	12	24.06
DFT-s-OFDM 16QAM	3789.99	652666	20	1	1	24.06
DFT-s-OFDM 16QAM	3789.99	652666	20	1	49	24.08
DFT-s-OFDM 16QAM	3789.99	652666	20	50	0	23.02
DFT-s-OFDM 64QAM	3789.99	652666	20	25	12	22.56
DFT-s-OFDM 64QAM	3789.99	652666	20	1	1	22.23
DFT-s-OFDM 64QAM	3789.99	652666	20	1	49	22.26

DFT-s-OFDM 64QAM	3789.99	652666	20	50	0	22.64
DFT-s-OFDM 256QAM	3789.99	652666	20	25	12	20.51
DFT-s-OFDM 256QAM	3789.99	652666	20	1	1	20.51
DFT-s-OFDM 256QAM	3789.99	652666	20	1	49	20.64
DFT-s-OFDM 256QAM	3789.99	652666	20	50	0	20.59
CP-OFDM QPSK	3789.99	652666	20	25	12	23.64
CP-OFDM QPSK	3789.99	652666	20	1	1	23.77
CP-OFDM QPSK	3789.99	652666	20	1	49	23.80
CP-OFDM QPSK	3789.99	652666	20	51	0	22.13
CP-OFDM 16QAM	3789.99	652666	20	25	12	23.09
CP-OFDM 16QAM	3789.99	652666	20	1	1	23.26
CP-OFDM 16QAM	3789.99	652666	20	1	49	23.23
CP-OFDM 16QAM	3789.99	652666	20	51	0	22.03
CP-OFDM 64QAM	3789.99	652666	20	25	12	21.63
CP-OFDM 64QAM	3789.99	652666	20	1	1	21.18
CP-OFDM 64QAM	3789.99	652666	20	1	49	-33.32
CP-OFDM 64QAM	3789.99	652666	20	51	0	21.62
CP-OFDM 256QAM	3789.99	652666	20	25	12	18.51
CP-OFDM 256QAM	3789.99	652666	20	1	1	18.62
CP-OFDM 256QAM	3789.99	652666	20	1	49	18.57
CP-OFDM 256QAM	3789.99	652666	20	51	0	18.52

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3715.02	647668	30	36	18	20.58
DFT-s-OFDM PI/2 BPSK	3715.02	647668	30	1	1	20.55
DFT-s-OFDM PI/2 BPSK	3715.02	647668	30	1	76	20.33
DFT-s-OFDM PI/2 BPSK	3715.02	647668	30	75	0	20.61
DFT-s-OFDM QPSK	3715.02	647668	30	36	18	25.09
DFT-s-OFDM QPSK	3715.02	647668	30	1	1	25.10
DFT-s-OFDM QPSK	3715.02	647668	30	1	76	25.01
DFT-s-OFDM QPSK	3715.02	647668	30	75	0	24.12
DFT-s-OFDM 16QAM	3715.02	647668	30	36	18	24.08
DFT-s-OFDM 16QAM	3715.02	647668	30	1	1	24.14
DFT-s-OFDM 16QAM	3715.02	647668	30	1	76	23.96
DFT-s-OFDM 16QAM	3715.02	647668	30	75	0	23.09
DFT-s-OFDM 64QAM	3715.02	647668	30	36	18	22.57
DFT-s-OFDM 64QAM	3715.02	647668	30	1	1	22.36
DFT-s-OFDM 64QAM	3715.02	647668	30	1	76	22.14
DFT-s-OFDM 64QAM	3715.02	647668	30	75	0	22.58
DFT-s-OFDM 256QAM	3715.02	647668	30	36	18	20.55
DFT-s-OFDM 256QAM	3715.02	647668	30	1	1	20.57
DFT-s-OFDM 256QAM	3715.02	647668	30	1	76	20.60
DFT-s-OFDM 256QAM	3715.02	647668	30	75	0	20.61
CP-OFDM QPSK	3715.02	647668	30	39	19	23.61
CP-OFDM QPSK	3715.02	647668	30	1	1	23.57

CP-OFDM QPSK	3715.02	647668	30	1	76	23.39
CP-OFDM QPSK	3715.02	647668	30	78	0	22.08
CP-OFDM 16QAM	3715.02	647668	30	39	19	23.05
CP-OFDM 16QAM	3715.02	647668	30	1	1	23.31
CP-OFDM 16QAM	3715.02	647668	30	1	76	23.26
CP-OFDM 16QAM	3715.02	647668	30	78	0	22.04
CP-OFDM 64QAM	3715.02	647668	30	39	19	21.59
CP-OFDM 64QAM	3715.02	647668	30	1	1	21.41
CP-OFDM 64QAM	3715.02	647668	30	1	76	21.08
CP-OFDM 64QAM	3715.02	647668	30	78	0	21.64
CP-OFDM 256QAM	3715.02	647668	30	39	19	18.59
CP-OFDM 256QAM	3715.02	647668	30	1	1	18.66
CP-OFDM 256QAM	3715.02	647668	30	1	76	18.52
CP-OFDM 256QAM	3715.02	647668	30	78	0	18.62
DFT-s-OFDM PI/2 BPSK	3750	650000	30	36	18	20.61
DFT-s-OFDM PI/2 BPSK	3750	650000	30	1	1	20.45
DFT-s-OFDM PI/2 BPSK	3750	650000	30	1	76	20.54
DFT-s-OFDM PI/2 BPSK	3750	650000	30	75	0	20.55
DFT-s-OFDM QPSK	3750	650000	30	36	18	25.03
DFT-s-OFDM QPSK	3750	650000	30	1	1	25.02
DFT-s-OFDM QPSK	3750	650000	30	1	76	25.09
DFT-s-OFDM QPSK	3750	650000	30	75	0	24.09
DFT-s-OFDM 16QAM	3750	650000	30	36	18	24.12
DFT-s-OFDM 16QAM	3750	650000	30	1	1	23.99
DFT-s-OFDM 16QAM	3750	650000	30	1	76	24.29
DFT-s-OFDM 16QAM	3750	650000	30	75	0	23.17
DFT-s-OFDM 64QAM	3750	650000	30	36	18	22.52
DFT-s-OFDM 64QAM	3750	650000	30	1	1	22.16
DFT-s-OFDM 64QAM	3750	650000	30	1	76	22.17
DFT-s-OFDM 64QAM	3750	650000	30	75	0	22.55
DFT-s-OFDM 256QAM	3750	650000	30	36	18	20.48
DFT-s-OFDM 256QAM	3750	650000	30	1	1	20.47
DFT-s-OFDM 256QAM	3750	650000	30	1	76	20.64
DFT-s-OFDM 256QAM	3750	650000	30	75	0	20.55
CP-OFDM QPSK	3750	650000	30	39	19	23.55
CP-OFDM QPSK	3750	650000	30	1	1	23.70
CP-OFDM QPSK	3750	650000	30	1	76	23.66
CP-OFDM QPSK	3750	650000	30	78	0	22.16
CP-OFDM 16QAM	3750	650000	30	39	19	23.11
CP-OFDM 16QAM	3750	650000	30	1	1	23.22
CP-OFDM 16QAM	3750	650000	30	1	76	23.20
CP-OFDM 16QAM	3750	650000	30	78	0	22.10
CP-OFDM 64QAM	3750	650000	30	39	19	21.68
CP-OFDM 64QAM	3750	650000	30	1	1	21.29
CP-OFDM 64QAM	3750	650000	30	1	76	21.27
CP-OFDM 64QAM	3750	650000	30	78	0	21.64

CP-OFDM 256QAM	3750	650000	30	39	19	18.58
CP-OFDM 256QAM	3750	650000	30	1	1	18.56
CP-OFDM 256QAM	3750	650000	30	1	76	18.65
CP-OFDM 256QAM	3750	650000	30	78	0	18.65
DFT-s-OFDM PI/2 BPSK	3784.98	652332	30	36	18	20.58
DFT-s-OFDM PI/2 BPSK	3784.98	652332	30	1	1	20.55
DFT-s-OFDM PI/2 BPSK	3784.98	652332	30	1	76	20.52
DFT-s-OFDM PI/2 BPSK	3784.98	652332	30	75	0	20.63
DFT-s-OFDM QPSK	3784.98	652332	30	36	18	25.15
DFT-s-OFDM QPSK	3784.98	652332	30	1	1	25.19
DFT-s-OFDM QPSK	3784.98	652332	30	1	76	25.16
DFT-s-OFDM QPSK	3784.98	652332	30	75	0	24.19
DFT-s-OFDM 16QAM	3784.98	652332	30	36	18	24.06
DFT-s-OFDM 16QAM	3784.98	652332	30	1	1	24.24
DFT-s-OFDM 16QAM	3784.98	652332	30	1	76	24.33
DFT-s-OFDM 16QAM	3784.98	652332	30	75	0	23.14
DFT-s-OFDM 64QAM	3784.98	652332	30	36	18	22.64
DFT-s-OFDM 64QAM	3784.98	652332	30	1	1	22.27
DFT-s-OFDM 64QAM	3784.98	652332	30	1	76	22.35
DFT-s-OFDM 64QAM	3784.98	652332	30	75	0	22.63
DFT-s-OFDM 256QAM	3784.98	652332	30	36	18	20.57
DFT-s-OFDM 256QAM	3784.98	652332	30	1	1	20.62
DFT-s-OFDM 256QAM	3784.98	652332	30	1	76	20.62
DFT-s-OFDM 256QAM	3784.98	652332	30	75	0	20.59
CP-OFDM QPSK	3784.98	652332	30	39	19	23.60
CP-OFDM QPSK	3784.98	652332	30	1	1	23.70
CP-OFDM QPSK	3784.98	652332	30	1	76	23.59
CP-OFDM QPSK	3784.98	652332	30	78	0	22.17
CP-OFDM 16QAM	3784.98	652332	30	39	19	23.15
CP-OFDM 16QAM	3784.98	652332	30	1	1	23.33
CP-OFDM 16QAM	3784.98	652332	30	1	76	23.41
CP-OFDM 16QAM	3784.98	652332	30	78	0	22.09
CP-OFDM 64QAM	3784.98	652332	30	39	19	21.63
CP-OFDM 64QAM	3784.98	652332	30	1	1	21.26
CP-OFDM 64QAM	3784.98	652332	30	1	76	21.20
CP-OFDM 64QAM	3784.98	652332	30	78	0	21.65
CP-OFDM 256QAM	3784.98	652332	30	39	19	18.65
CP-OFDM 256QAM	3784.98	652332	30	1	1	18.67
CP-OFDM 256QAM	3784.98	652332	30	1	76	18.72
CP-OFDM 256QAM	3784.98	652332	30	78	0	18.82

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3720	648000	40	50	25	20.58
DFT-s-OFDM PI/2 BPSK	3720	648000	40	1	1	20.78
DFT-s-OFDM PI/2 BPSK	3720	648000	40	1	104	20.49

DFT-s-OFDM PI/2 BPSK	3720	648000	40	100	0	20.69
DFT-s-OFDM QPSK	3720	648000	40	50	25	25.13
DFT-s-OFDM QPSK	3720	648000	40	1	1	25.29
DFT-s-OFDM QPSK	3720	648000	40	1	104	25.18
DFT-s-OFDM QPSK	3720	648000	40	100	0	24.19
DFT-s-OFDM 16QAM	3720	648000	40	50	25	24.09
DFT-s-OFDM 16QAM	3720	648000	40	1	1	24.32
DFT-s-OFDM 16QAM	3720	648000	40	1	104	24.15
DFT-s-OFDM 16QAM	3720	648000	40	100	0	23.15
DFT-s-OFDM 64QAM	3720	648000	40	50	25	22.62
DFT-s-OFDM 64QAM	3720	648000	40	1	1	22.40
DFT-s-OFDM 64QAM	3720	648000	40	1	104	22.34
DFT-s-OFDM 64QAM	3720	648000	40	100	0	22.71
DFT-s-OFDM 256QAM	3720	648000	40	50	25	20.62
DFT-s-OFDM 256QAM	3720	648000	40	1	1	20.72
DFT-s-OFDM 256QAM	3720	648000	40	1	104	20.66
DFT-s-OFDM 256QAM	3720	648000	40	100	0	20.61
CP-OFDM QPSK	3720	648000	40	53	26	23.70
CP-OFDM QPSK	3720	648000	40	1	1	23.90
CP-OFDM QPSK	3720	648000	40	1	104	23.77
CP-OFDM QPSK	3720	648000	40	106	0	22.15
CP-OFDM 16QAM	3720	648000	40	53	26	23.07
CP-OFDM 16QAM	3720	648000	40	1	1	23.26
CP-OFDM 16QAM	3720	648000	40	1	104	23.32
CP-OFDM 16QAM	3720	648000	40	106	0	22.27
CP-OFDM 64QAM	3720	648000	40	53	26	21.73
CP-OFDM 64QAM	3720	648000	40	1	1	21.42
CP-OFDM 64QAM	3720	648000	40	1	104	21.33
CP-OFDM 64QAM	3720	648000	40	106	0	21.65
CP-OFDM 256QAM	3720	648000	40	53	26	18.65
CP-OFDM 256QAM	3720	648000	40	1	1	18.90
CP-OFDM 256QAM	3720	648000	40	1	104	18.67
CP-OFDM 256QAM	3720	648000	40	106	0	18.69
DFT-s-OFDM PI/2 BPSK	3750	650000	40	50	25	20.57
DFT-s-OFDM PI/2 BPSK	3750	650000	40	1	1	20.43
DFT-s-OFDM PI/2 BPSK	3750	650000	40	1	104	20.55
DFT-s-OFDM PI/2 BPSK	3750	650000	40	100	0	20.60
DFT-s-OFDM QPSK	3750	650000	40	50	25	25.00
DFT-s-OFDM QPSK	3750	650000	40	1	1	25.09
DFT-s-OFDM QPSK	3750	650000	40	1	104	25.24
DFT-s-OFDM QPSK	3750	650000	40	100	0	24.07
DFT-s-OFDM 16QAM	3750	650000	40	50	25	24.06
DFT-s-OFDM 16QAM	3750	650000	40	1	1	24.07
DFT-s-OFDM 16QAM	3750	650000	40	1	104	24.12
DFT-s-OFDM 16QAM	3750	650000	40	100	0	23.12
DFT-s-OFDM 64QAM	3750	650000	40	50	25	22.59

DFT-s-OFDM 64QAM	3750	650000	40	1	1	22.12
DFT-s-OFDM 64QAM	3750	650000	40	1	104	22.38
DFT-s-OFDM 64QAM	3750	650000	40	100	0	22.70
DFT-s-OFDM 256QAM	3750	650000	40	50	25	20.52
DFT-s-OFDM 256QAM	3750	650000	40	1	1	20.49
DFT-s-OFDM 256QAM	3750	650000	40	1	104	20.59
DFT-s-OFDM 256QAM	3750	650000	40	100	0	20.58
CP-OFDM QPSK	3750	650000	40	53	26	23.60
CP-OFDM QPSK	3750	650000	40	1	1	23.66
CP-OFDM QPSK	3750	650000	40	1	104	23.83
CP-OFDM QPSK	3750	650000	40	106	0	22.16
CP-OFDM 16QAM	3750	650000	40	53	26	23.12
CP-OFDM 16QAM	3750	650000	40	1	1	23.30
CP-OFDM 16QAM	3750	650000	40	1	104	23.20
CP-OFDM 16QAM	3750	650000	40	106	0	22.14
CP-OFDM 64QAM	3750	650000	40	53	26	21.60
CP-OFDM 64QAM	3750	650000	40	1	1	21.28
CP-OFDM 64QAM	3750	650000	40	1	104	21.40
CP-OFDM 64QAM	3750	650000	40	106	0	21.65
CP-OFDM 256QAM	3750	650000	40	53	26	18.62
CP-OFDM 256QAM	3750	650000	40	1	1	18.66
CP-OFDM 256QAM	3750	650000	40	1	104	18.62
CP-OFDM 256QAM	3750	650000	40	106	0	18.76
DFT-s-OFDM PI/2 BPSK	3780	652000	40	50	25	20.62
DFT-s-OFDM PI/2 BPSK	3780	652000	40	1	1	20.59
DFT-s-OFDM PI/2 BPSK	3780	652000	40	1	104	20.60
DFT-s-OFDM PI/2 BPSK	3780	652000	40	100	0	20.65
DFT-s-OFDM QPSK	3780	652000	40	50	25	25.04
DFT-s-OFDM QPSK	3780	652000	40	1	1	25.17
DFT-s-OFDM QPSK	3780	652000	40	1	104	25.14
DFT-s-OFDM QPSK	3780	652000	40	100	0	24.09
DFT-s-OFDM 16QAM	3780	652000	40	50	25	24.00
DFT-s-OFDM 16QAM	3780	652000	40	1	1	24.28
DFT-s-OFDM 16QAM	3780	652000	40	1	104	24.29
DFT-s-OFDM 16QAM	3780	652000	40	100	0	23.04
DFT-s-OFDM 64QAM	3780	652000	40	50	25	22.61
DFT-s-OFDM 64QAM	3780	652000	40	1	1	22.32
DFT-s-OFDM 64QAM	3780	652000	40	1	104	22.35
DFT-s-OFDM 64QAM	3780	652000	40	100	0	22.69
DFT-s-OFDM 256QAM	3780	652000	40	50	25	20.58
DFT-s-OFDM 256QAM	3780	652000	40	1	1	20.49
DFT-s-OFDM 256QAM	3780	652000	40	1	104	20.50
DFT-s-OFDM 256QAM	3780	652000	40	100	0	20.57
CP-OFDM QPSK	3780	652000	40	53	26	23.60
CP-OFDM QPSK	3780	652000	40	1	1	23.88
CP-OFDM QPSK	3780	652000	40	1	104	23.82

CP-OFDM QPSK	3780	652000	40	106	0	22.03
CP-OFDM 16QAM	3780	652000	40	53	26	23.02
CP-OFDM 16QAM	3780	652000	40	1	1	23.19
CP-OFDM 16QAM	3780	652000	40	1	104	23.32
CP-OFDM 16QAM	3780	652000	40	106	0	22.19
CP-OFDM 64QAM	3780	652000	40	53	26	21.62
CP-OFDM 64QAM	3780	652000	40	1	1	21.30
CP-OFDM 64QAM	3780	652000	40	1	104	21.39
CP-OFDM 64QAM	3780	652000	40	106	0	21.61
CP-OFDM 256QAM	3780	652000	40	53	26	18.59
CP-OFDM 256QAM	3780	652000	40	1	1	18.73
CP-OFDM 256QAM	3780	652000	40	1	104	18.74
CP-OFDM 256QAM	3780	652000	40	106	0	18.58

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3725.01	648334	50	64	32	20.42
DFT-s-OFDM PI/2 BPSK	3725.01	648334	50	1	1	20.36
DFT-s-OFDM PI/2 BPSK	3725.01	648334	50	1	131	20.15
DFT-s-OFDM PI/2 BPSK	3725.01	648334	50	128	0	20.45
DFT-s-OFDM QPSK	3725.01	648334	50	64	32	24.90
DFT-s-OFDM QPSK	3725.01	648334	50	1	1	24.89
DFT-s-OFDM QPSK	3725.01	648334	50	1	131	24.78
DFT-s-OFDM QPSK	3725.01	648334	50	128	0	23.93
DFT-s-OFDM 16QAM	3725.01	648334	50	64	32	24.00
DFT-s-OFDM 16QAM	3725.01	648334	50	1	1	23.81
DFT-s-OFDM 16QAM	3725.01	648334	50	1	131	23.72
DFT-s-OFDM 16QAM	3725.01	648334	50	128	0	22.89
DFT-s-OFDM 64QAM	3725.01	648334	50	64	32	22.44
DFT-s-OFDM 64QAM	3725.01	648334	50	1	1	21.96
DFT-s-OFDM 64QAM	3725.01	648334	50	1	131	21.90
DFT-s-OFDM 64QAM	3725.01	648334	50	128	0	22.42
DFT-s-OFDM 256QAM	3725.01	648334	50	64	32	20.37
DFT-s-OFDM 256QAM	3725.01	648334	50	1	1	20.27
DFT-s-OFDM 256QAM	3725.01	648334	50	1	131	20.13
DFT-s-OFDM 256QAM	3725.01	648334	50	128	0	20.35
CP-OFDM QPSK	3725.01	648334	50	67	33	23.37
CP-OFDM QPSK	3725.01	648334	50	1	1	23.42
CP-OFDM QPSK	3725.01	648334	50	1	131	23.37
CP-OFDM QPSK	3725.01	648334	50	133	0	21.92
CP-OFDM 16QAM	3725.01	648334	50	67	33	22.85
CP-OFDM 16QAM	3725.01	648334	50	1	1	22.97
CP-OFDM 16QAM	3725.01	648334	50	1	131	22.97
CP-OFDM 16QAM	3725.01	648334	50	133	0	21.78
CP-OFDM 64QAM	3725.01	648334	50	67	33	21.46
CP-OFDM 64QAM	3725.01	648334	50	1	1	21.11

CP-OFDM 64QAM	3725.01	648334	50	1	131	20.83
CP-OFDM 64QAM	3725.01	648334	50	133	0	21.40
CP-OFDM 256QAM	3725.01	648334	50	67	33	18.57
CP-OFDM 256QAM	3725.01	648334	50	1	1	18.31
CP-OFDM 256QAM	3725.01	648334	50	1	131	18.20
CP-OFDM 256QAM	3725.01	648334	50	133	0	18.40
DFT-s-OFDM PI/2 BPSK	3750	650000	50	64	32	20.33
DFT-s-OFDM PI/2 BPSK	3750	650000	50	1	1	20.21
DFT-s-OFDM PI/2 BPSK	3750	650000	50	1	131	20.43
DFT-s-OFDM PI/2 BPSK	3750	650000	50	128	0	20.37
DFT-s-OFDM QPSK	3750	650000	50	64	32	24.81
DFT-s-OFDM QPSK	3750	650000	50	1	1	24.81
DFT-s-OFDM QPSK	3750	650000	50	1	131	24.92
DFT-s-OFDM QPSK	3750	650000	50	128	0	23.84
DFT-s-OFDM 16QAM	3750	650000	50	64	32	23.91
DFT-s-OFDM 16QAM	3750	650000	50	1	1	23.97
DFT-s-OFDM 16QAM	3750	650000	50	1	131	24.01
DFT-s-OFDM 16QAM	3750	650000	50	128	0	22.92
DFT-s-OFDM 64QAM	3750	650000	50	64	32	22.44
DFT-s-OFDM 64QAM	3750	650000	50	1	1	22.02
DFT-s-OFDM 64QAM	3750	650000	50	1	131	21.95
DFT-s-OFDM 64QAM	3750	650000	50	128	0	22.35
DFT-s-OFDM 256QAM	3750	650000	50	64	32	20.38
DFT-s-OFDM 256QAM	3750	650000	50	1	1	20.30
DFT-s-OFDM 256QAM	3750	650000	50	1	131	20.25
DFT-s-OFDM 256QAM	3750	650000	50	128	0	20.37
CP-OFDM QPSK	3750	650000	50	67	33	23.34
CP-OFDM QPSK	3750	650000	50	1	1	23.27
CP-OFDM QPSK	3750	650000	50	1	131	23.23
CP-OFDM QPSK	3750	650000	50	133	0	21.81
CP-OFDM 16QAM	3750	650000	50	67	33	22.85
CP-OFDM 16QAM	3750	650000	50	1	1	23.17
CP-OFDM 16QAM	3750	650000	50	1	131	23.12
CP-OFDM 16QAM	3750	650000	50	133	0	21.79
CP-OFDM 64QAM	3750	650000	50	67	33	21.40
CP-OFDM 64QAM	3750	650000	50	1	1	21.04
CP-OFDM 64QAM	3750	650000	50	1	131	20.95
CP-OFDM 64QAM	3750	650000	50	133	0	21.33
CP-OFDM 256QAM	3750	650000	50	67	33	18.48
CP-OFDM 256QAM	3750	650000	50	1	1	18.38
CP-OFDM 256QAM	3750	650000	50	1	131	18.30
CP-OFDM 256QAM	3750	650000	50	133	0	18.32
DFT-s-OFDM PI/2 BPSK	3774.99	651666	50	64	32	20.41
DFT-s-OFDM PI/2 BPSK	3774.99	651666	50	1	1	20.21
DFT-s-OFDM PI/2 BPSK	3774.99	651666	50	1	131	20.31
DFT-s-OFDM PI/2 BPSK	3774.99	651666	50	128	0	20.36

DFT-s-OFDM QPSK	3774.99	651666	50	64	32	24.92
DFT-s-OFDM QPSK	3774.99	651666	50	1	1	24.80
DFT-s-OFDM QPSK	3774.99	651666	50	1	131	24.88
DFT-s-OFDM QPSK	3774.99	651666	50	128	0	23.81
DFT-s-OFDM 16QAM	3774.99	651666	50	64	32	23.92
DFT-s-OFDM 16QAM	3774.99	651666	50	1	1	23.82
DFT-s-OFDM 16QAM	3774.99	651666	50	1	131	23.86
DFT-s-OFDM 16QAM	3774.99	651666	50	128	0	22.88
DFT-s-OFDM 64QAM	3774.99	651666	50	64	32	22.45
DFT-s-OFDM 64QAM	3774.99	651666	50	1	1	21.98
DFT-s-OFDM 64QAM	3774.99	651666	50	1	131	22.01
DFT-s-OFDM 64QAM	3774.99	651666	50	128	0	22.42
DFT-s-OFDM 256QAM	3774.99	651666	50	64	32	20.39
DFT-s-OFDM 256QAM	3774.99	651666	50	1	1	20.17
DFT-s-OFDM 256QAM	3774.99	651666	50	1	131	20.19
DFT-s-OFDM 256QAM	3774.99	651666	50	128	0	20.43
CP-OFDM QPSK	3774.99	651666	50	67	33	23.40
CP-OFDM QPSK	3774.99	651666	50	1	1	23.27
CP-OFDM QPSK	3774.99	651666	50	1	131	23.45
CP-OFDM QPSK	3774.99	651666	50	133	0	21.87
CP-OFDM 16QAM	3774.99	651666	50	67	33	22.89
CP-OFDM 16QAM	3774.99	651666	50	1	1	23.28
CP-OFDM 16QAM	3774.99	651666	50	1	131	23.11
CP-OFDM 16QAM	3774.99	651666	50	133	0	21.84
CP-OFDM 64QAM	3774.99	651666	50	67	33	21.43
CP-OFDM 64QAM	3774.99	651666	50	1	1	21.01
CP-OFDM 64QAM	3774.99	651666	50	1	131	21.03
CP-OFDM 64QAM	3774.99	651666	50	133	0	21.40
CP-OFDM 256QAM	3774.99	651666	50	67	33	18.58
CP-OFDM 256QAM	3774.99	651666	50	1	1	18.34
CP-OFDM 256QAM	3774.99	651666	50	1	131	18.33
CP-OFDM 256QAM	3774.99	651666	50	133	0	18.36

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3730.02	648668	60	81	40	20.46
DFT-s-OFDM PI/2 BPSK	3730.02	648668	60	1	1	20.11
DFT-s-OFDM PI/2 BPSK	3730.02	648668	60	1	160	20.35
DFT-s-OFDM PI/2 BPSK	3730.02	648668	60	162	0	20.40
DFT-s-OFDM QPSK	3730.02	648668	60	81	40	24.91
DFT-s-OFDM QPSK	3730.02	648668	60	1	1	24.84
DFT-s-OFDM QPSK	3730.02	648668	60	1	160	24.98
DFT-s-OFDM QPSK	3730.02	648668	60	162	0	23.98
DFT-s-OFDM 16QAM	3730.02	648668	60	81	40	23.94
DFT-s-OFDM 16QAM	3730.02	648668	60	1	1	23.77
DFT-s-OFDM 16QAM	3730.02	648668	60	1	160	23.92

DFT-s-OFDM 16QAM	3730.02	648668	60	162	0	22.93
DFT-s-OFDM 64QAM	3730.02	648668	60	81	40	22.47
DFT-s-OFDM 64QAM	3730.02	648668	60	1	1	21.92
DFT-s-OFDM 64QAM	3730.02	648668	60	1	160	21.97
DFT-s-OFDM 64QAM	3730.02	648668	60	162	0	22.44
DFT-s-OFDM 256QAM	3730.02	648668	60	81	40	20.48
DFT-s-OFDM 256QAM	3730.02	648668	60	1	1	20.14
DFT-s-OFDM 256QAM	3730.02	648668	60	1	160	20.30
DFT-s-OFDM 256QAM	3730.02	648668	60	162	0	20.33
CP-OFDM QPSK	3730.02	648668	60	81	40	23.51
CP-OFDM QPSK	3730.02	648668	60	1	1	23.45
CP-OFDM QPSK	3730.02	648668	60	1	160	23.44
CP-OFDM QPSK	3730.02	648668	60	162	0	21.95
CP-OFDM 16QAM	3730.02	648668	60	81	40	22.89
CP-OFDM 16QAM	3730.02	648668	60	1	1	22.83
CP-OFDM 16QAM	3730.02	648668	60	1	160	22.99
CP-OFDM 16QAM	3730.02	648668	60	162	0	21.88
CP-OFDM 64QAM	3730.02	648668	60	81	40	21.52
CP-OFDM 64QAM	3730.02	648668	60	1	1	21.05
CP-OFDM 64QAM	3730.02	648668	60	1	160	21.19
CP-OFDM 64QAM	3730.02	648668	60	162	0	21.51
CP-OFDM 256QAM	3730.02	648668	60	81	40	18.42
CP-OFDM 256QAM	3730.02	648668	60	1	1	18.25
CP-OFDM 256QAM	3730.02	648668	60	1	160	18.38
CP-OFDM 256QAM	3730.02	648668	60	162	0	18.43
DFT-s-OFDM PI/2 BPSK	3750	650000	60	81	40	20.35
DFT-s-OFDM PI/2 BPSK	3750	650000	60	1	1	20.18
DFT-s-OFDM PI/2 BPSK	3750	650000	60	1	160	20.42
DFT-s-OFDM PI/2 BPSK	3750	650000	60	162	0	20.35
DFT-s-OFDM QPSK	3750	650000	60	81	40	24.84
DFT-s-OFDM QPSK	3750	650000	60	1	1	24.79
DFT-s-OFDM QPSK	3750	650000	60	1	160	25.00
DFT-s-OFDM QPSK	3750	650000	60	162	0	23.92
DFT-s-OFDM 16QAM	3750	650000	60	81	40	23.81
DFT-s-OFDM 16QAM	3750	650000	60	1	1	23.81
DFT-s-OFDM 16QAM	3750	650000	60	1	160	24.08
DFT-s-OFDM 16QAM	3750	650000	60	162	0	22.88
DFT-s-OFDM 64QAM	3750	650000	60	81	40	22.34
DFT-s-OFDM 64QAM	3750	650000	60	1	1	21.95
DFT-s-OFDM 64QAM	3750	650000	60	1	160	22.11
DFT-s-OFDM 64QAM	3750	650000	60	162	0	22.40
DFT-s-OFDM 256QAM	3750	650000	60	81	40	20.46
DFT-s-OFDM 256QAM	3750	650000	60	1	1	20.24
DFT-s-OFDM 256QAM	3750	650000	60	1	160	20.40
DFT-s-OFDM 256QAM	3750	650000	60	162	0	20.37
CP-OFDM QPSK	3750	650000	60	81	40	23.38

CP-OFDM QPSK	3750	650000	60	1	1	23.35
CP-OFDM QPSK	3750	650000	60	1	160	23.53
CP-OFDM QPSK	3750	650000	60	162	0	21.86
CP-OFDM 16QAM	3750	650000	60	81	40	22.77
CP-OFDM 16QAM	3750	650000	60	1	1	23.07
CP-OFDM 16QAM	3750	650000	60	1	160	23.12
CP-OFDM 16QAM	3750	650000	60	162	0	21.82
CP-OFDM 64QAM	3750	650000	60	81	40	21.42
CP-OFDM 64QAM	3750	650000	60	1	1	21.00
CP-OFDM 64QAM	3750	650000	60	1	160	21.11
CP-OFDM 64QAM	3750	650000	60	162	0	21.40
CP-OFDM 256QAM	3750	650000	60	81	40	18.42
CP-OFDM 256QAM	3750	650000	60	1	1	18.25
CP-OFDM 256QAM	3750	650000	60	1	160	18.49
CP-OFDM 256QAM	3750	650000	60	162	0	18.42
DFT-s-OFDM PI/2 BPSK	3769.98	651332	60	81	40	20.43
DFT-s-OFDM PI/2 BPSK	3769.98	651332	60	1	1	20.13
DFT-s-OFDM PI/2 BPSK	3769.98	651332	60	1	160	20.24
DFT-s-OFDM PI/2 BPSK	3769.98	651332	60	162	0	20.43
DFT-s-OFDM QPSK	3769.98	651332	60	81	40	24.86
DFT-s-OFDM QPSK	3769.98	651332	60	1	1	24.80
DFT-s-OFDM QPSK	3769.98	651332	60	1	160	24.95
DFT-s-OFDM QPSK	3769.98	651332	60	162	0	23.90
DFT-s-OFDM 16QAM	3769.98	651332	60	81	40	23.84
DFT-s-OFDM 16QAM	3769.98	651332	60	1	1	23.77
DFT-s-OFDM 16QAM	3769.98	651332	60	1	160	24.00
DFT-s-OFDM 16QAM	3769.98	651332	60	162	0	22.84
DFT-s-OFDM 64QAM	3769.98	651332	60	81	40	22.37
DFT-s-OFDM 64QAM	3769.98	651332	60	1	1	21.79
DFT-s-OFDM 64QAM	3769.98	651332	60	1	160	21.94
DFT-s-OFDM 64QAM	3769.98	651332	60	162	0	22.26
DFT-s-OFDM 256QAM	3769.98	651332	60	81	40	20.39
DFT-s-OFDM 256QAM	3769.98	651332	60	1	1	20.18
DFT-s-OFDM 256QAM	3769.98	651332	60	1	160	20.32
DFT-s-OFDM 256QAM	3769.98	651332	60	162	0	20.35
CP-OFDM QPSK	3769.98	651332	60	81	40	23.34
CP-OFDM QPSK	3769.98	651332	60	1	1	23.28
CP-OFDM QPSK	3769.98	651332	60	1	160	23.47
CP-OFDM QPSK	3769.98	651332	60	162	0	21.86
CP-OFDM 16QAM	3769.98	651332	60	81	40	22.79
CP-OFDM 16QAM	3769.98	651332	60	1	1	22.72
CP-OFDM 16QAM	3769.98	651332	60	1	160	22.96
CP-OFDM 16QAM	3769.98	651332	60	162	0	21.78
CP-OFDM 64QAM	3769.98	651332	60	81	40	21.53
CP-OFDM 64QAM	3769.98	651332	60	1	1	20.88
CP-OFDM 64QAM	3769.98	651332	60	1	160	21.05

CP-OFDM 64QAM	3769.98	651332	60	162	0	21.36
CP-OFDM 256QAM	3769.98	651332	60	81	40	18.51
CP-OFDM 256QAM	3769.98	651332	60	1	1	18.16
CP-OFDM 256QAM	3769.98	651332	60	1	160	18.45
CP-OFDM 256QAM	3769.98	651332	60	162	0	18.43

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3735	649000	70	90	45	20.34
DFT-s-OFDM PI/2 BPSK	3735	649000	70	1	1	20.38
DFT-s-OFDM PI/2 BPSK	3735	649000	70	1	187	20.19
DFT-s-OFDM PI/2 BPSK	3735	649000	70	180	0	20.36
DFT-s-OFDM QPSK	3735	649000	70	90	45	24.80
DFT-s-OFDM QPSK	3735	649000	70	1	1	24.96
DFT-s-OFDM QPSK	3735	649000	70	1	187	24.88
DFT-s-OFDM QPSK	3735	649000	70	180	0	23.84
DFT-s-OFDM 16QAM	3735	649000	70	90	45	23.79
DFT-s-OFDM 16QAM	3735	649000	70	1	1	24.03
DFT-s-OFDM 16QAM	3735	649000	70	1	187	23.88
DFT-s-OFDM 16QAM	3735	649000	70	180	0	22.88
DFT-s-OFDM 64QAM	3735	649000	70	90	45	22.32
DFT-s-OFDM 64QAM	3735	649000	70	1	1	22.19
DFT-s-OFDM 64QAM	3735	649000	70	1	187	22.02
DFT-s-OFDM 64QAM	3735	649000	70	180	0	22.33
DFT-s-OFDM 256QAM	3735	649000	70	90	45	20.27
DFT-s-OFDM 256QAM	3735	649000	70	1	1	20.34
DFT-s-OFDM 256QAM	3735	649000	70	1	187	20.39
DFT-s-OFDM 256QAM	3735	649000	70	180	0	20.29
CP-OFDM QPSK	3735	649000	70	95	47	23.32
CP-OFDM QPSK	3735	649000	70	1	1	23.61
CP-OFDM QPSK	3735	649000	70	1	187	23.48
CP-OFDM QPSK	3735	649000	70	189	0	21.84
CP-OFDM 16QAM	3735	649000	70	95	47	22.75
CP-OFDM 16QAM	3735	649000	70	1	1	23.19
CP-OFDM 16QAM	3735	649000	70	1	187	23.35
CP-OFDM 16QAM	3735	649000	70	189	0	21.80
CP-OFDM 64QAM	3735	649000	70	95	47	21.31
CP-OFDM 64QAM	3735	649000	70	1	1	21.02
CP-OFDM 64QAM	3735	649000	70	1	187	21.16
CP-OFDM 64QAM	3735	649000	70	189	0	21.33
CP-OFDM 256QAM	3735	649000	70	95	47	18.35
CP-OFDM 256QAM	3735	649000	70	1	1	18.45
CP-OFDM 256QAM	3735	649000	70	1	187	18.41
CP-OFDM 256QAM	3735	649000	70	189	0	18.30
DFT-s-OFDM PI/2 BPSK	3750	650000	70	90	45	20.40
DFT-s-OFDM PI/2 BPSK	3750	650000	70	1	1	20.28

DFT-s-OFDM PI/2 BPSK	3750	650000	70	1	187	20.30
DFT-s-OFDM PI/2 BPSK	3750	650000	70	180	0	20.44
DFT-s-OFDM QPSK	3750	650000	70	90	45	24.90
DFT-s-OFDM QPSK	3750	650000	70	1	1	24.85
DFT-s-OFDM QPSK	3750	650000	70	1	187	24.89
DFT-s-OFDM QPSK	3750	650000	70	180	0	23.80
DFT-s-OFDM 16QAM	3750	650000	70	90	45	23.81
DFT-s-OFDM 16QAM	3750	650000	70	1	1	23.92
DFT-s-OFDM 16QAM	3750	650000	70	1	187	23.85
DFT-s-OFDM 16QAM	3750	650000	70	180	0	22.84
DFT-s-OFDM 64QAM	3750	650000	70	90	45	22.39
DFT-s-OFDM 64QAM	3750	650000	70	1	1	21.96
DFT-s-OFDM 64QAM	3750	650000	70	1	187	21.97
DFT-s-OFDM 64QAM	3750	650000	70	180	0	22.49
DFT-s-OFDM 256QAM	3750	650000	70	90	45	20.41
DFT-s-OFDM 256QAM	3750	650000	70	1	1	20.12
DFT-s-OFDM 256QAM	3750	650000	70	1	187	20.25
DFT-s-OFDM 256QAM	3750	650000	70	180	0	20.34
CP-OFDM QPSK	3750	650000	70	95	47	23.39
CP-OFDM QPSK	3750	650000	70	1	1	23.46
CP-OFDM QPSK	3750	650000	70	1	187	23.48
CP-OFDM QPSK	3750	650000	70	189	0	21.87
CP-OFDM 16QAM	3750	650000	70	95	47	22.84
CP-OFDM 16QAM	3750	650000	70	1	1	23.04
CP-OFDM 16QAM	3750	650000	70	1	187	22.92
CP-OFDM 16QAM	3750	650000	70	189	0	21.84
CP-OFDM 64QAM	3750	650000	70	95	47	21.41
CP-OFDM 64QAM	3750	650000	70	1	1	21.10
CP-OFDM 64QAM	3750	650000	70	1	187	21.05
CP-OFDM 64QAM	3750	650000	70	189	0	21.49
CP-OFDM 256QAM	3750	650000	70	95	47	18.36
CP-OFDM 256QAM	3750	650000	70	1	1	18.31
CP-OFDM 256QAM	3750	650000	70	1	187	18.24
CP-OFDM 256QAM	3750	650000	70	189	0	18.36
DFT-s-OFDM PI/2 BPSK	3765	651000	70	90	45	20.37
DFT-s-OFDM PI/2 BPSK	3765	651000	70	1	1	20.19
DFT-s-OFDM PI/2 BPSK	3765	651000	70	1	187	20.17
DFT-s-OFDM PI/2 BPSK	3765	651000	70	180	0	20.32
DFT-s-OFDM QPSK	3765	651000	70	90	45	24.86
DFT-s-OFDM QPSK	3765	651000	70	1	1	24.79
DFT-s-OFDM QPSK	3765	651000	70	1	187	24.76
DFT-s-OFDM QPSK	3765	651000	70	180	0	23.87
DFT-s-OFDM 16QAM	3765	651000	70	90	45	23.73
DFT-s-OFDM 16QAM	3765	651000	70	1	1	23.71
DFT-s-OFDM 16QAM	3765	651000	70	1	187	23.69
DFT-s-OFDM 16QAM	3765	651000	70	180	0	22.80

DFT-s-OFDM 64QAM	3765	651000	70	90	45	22.32
DFT-s-OFDM 64QAM	3765	651000	70	1	1	21.86
DFT-s-OFDM 64QAM	3765	651000	70	1	187	21.93
DFT-s-OFDM 64QAM	3765	651000	70	180	0	22.34
DFT-s-OFDM 256QAM	3765	651000	70	90	45	20.31
DFT-s-OFDM 256QAM	3765	651000	70	1	1	20.34
DFT-s-OFDM 256QAM	3765	651000	70	1	187	20.14
DFT-s-OFDM 256QAM	3765	651000	70	180	0	20.31
CP-OFDM QPSK	3765	651000	70	95	47	23.41
CP-OFDM QPSK	3765	651000	70	1	1	23.45
CP-OFDM QPSK	3765	651000	70	1	187	23.41
CP-OFDM QPSK	3765	651000	70	189	0	21.83
CP-OFDM 16QAM	3765	651000	70	95	47	22.75
CP-OFDM 16QAM	3765	651000	70	1	1	22.77
CP-OFDM 16QAM	3765	651000	70	1	187	22.90
CP-OFDM 16QAM	3765	651000	70	189	0	21.79
CP-OFDM 64QAM	3765	651000	70	95	47	21.35
CP-OFDM 64QAM	3765	651000	70	1	1	20.85
CP-OFDM 64QAM	3765	651000	70	1	187	21.04
CP-OFDM 64QAM	3765	651000	70	189	0	21.36
CP-OFDM 256QAM	3765	651000	70	95	47	18.36
CP-OFDM 256QAM	3765	651000	70	1	1	18.21
CP-OFDM 256QAM	3765	651000	70	1	187	18.30
CP-OFDM 256QAM	3765	651000	70	189	0	18.33

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3740.01	649334	80	108	54	20.31
DFT-s-OFDM PI/2 BPSK	3740.01	649334	80	1	1	20.35
DFT-s-OFDM PI/2 BPSK	3740.01	649334	80	1	215	20.37
DFT-s-OFDM PI/2 BPSK	3740.01	649334	80	216	0	20.43
DFT-s-OFDM QPSK	3740.01	649334	80	108	54	24.87
DFT-s-OFDM QPSK	3740.01	649334	80	1	1	24.92
DFT-s-OFDM QPSK	3740.01	649334	80	1	215	24.91
DFT-s-OFDM QPSK	3740.01	649334	80	216	0	23.79
DFT-s-OFDM 16QAM	3740.01	649334	80	108	54	23.80
DFT-s-OFDM 16QAM	3740.01	649334	80	1	1	23.90
DFT-s-OFDM 16QAM	3740.01	649334	80	1	215	23.97
DFT-s-OFDM 16QAM	3740.01	649334	80	216	0	22.88
DFT-s-OFDM 64QAM	3740.01	649334	80	108	54	22.39
DFT-s-OFDM 64QAM	3740.01	649334	80	1	1	22.16
DFT-s-OFDM 64QAM	3740.01	649334	80	1	215	21.99
DFT-s-OFDM 64QAM	3740.01	649334	80	216	0	22.38
DFT-s-OFDM 256QAM	3740.01	649334	80	108	54	20.46
DFT-s-OFDM 256QAM	3740.01	649334	80	1	1	20.18
DFT-s-OFDM 256QAM	3740.01	649334	80	1	215	20.29

DFT-s-OFDM 256QAM	3740.01	649334	80	216	0	20.34
CP-OFDM QPSK	3740.01	649334	80	109	54	23.34
CP-OFDM QPSK	3740.01	649334	80	1	1	23.50
CP-OFDM QPSK	3740.01	649334	80	1	215	23.48
CP-OFDM QPSK	3740.01	649334	80	217	0	21.78
CP-OFDM 16QAM	3740.01	649334	80	109	54	22.84
CP-OFDM 16QAM	3740.01	649334	80	1	1	23.14
CP-OFDM 16QAM	3740.01	649334	80	1	215	22.92
CP-OFDM 16QAM	3740.01	649334	80	217	0	21.86
CP-OFDM 64QAM	3740.01	649334	80	109	54	21.35
CP-OFDM 64QAM	3740.01	649334	80	1	1	21.11
CP-OFDM 64QAM	3740.01	649334	80	1	215	21.06
CP-OFDM 64QAM	3740.01	649334	80	217	0	21.36
CP-OFDM 256QAM	3740.01	649334	80	109	54	18.44
CP-OFDM 256QAM	3740.01	649334	80	1	1	18.29
CP-OFDM 256QAM	3740.01	649334	80	1	215	18.42
CP-OFDM 256QAM	3740.01	649334	80	217	0	18.46
DFT-s-OFDM PI/2 BPSK	3750	650000	80	108	54	20.37
DFT-s-OFDM PI/2 BPSK	3750	650000	80	1	1	20.28
DFT-s-OFDM PI/2 BPSK	3750	650000	80	1	215	20.18
DFT-s-OFDM PI/2 BPSK	3750	650000	80	216	0	20.33
DFT-s-OFDM QPSK	3750	650000	80	108	54	24.83
DFT-s-OFDM QPSK	3750	650000	80	1	1	24.76
DFT-s-OFDM QPSK	3750	650000	80	1	215	24.78
DFT-s-OFDM QPSK	3750	650000	80	216	0	23.91
DFT-s-OFDM 16QAM	3750	650000	80	108	54	23.83
DFT-s-OFDM 16QAM	3750	650000	80	1	1	23.92
DFT-s-OFDM 16QAM	3750	650000	80	1	215	23.85
DFT-s-OFDM 16QAM	3750	650000	80	216	0	22.88
DFT-s-OFDM 64QAM	3750	650000	80	108	54	22.44
DFT-s-OFDM 64QAM	3750	650000	80	1	1	21.96
DFT-s-OFDM 64QAM	3750	650000	80	1	215	21.99
DFT-s-OFDM 64QAM	3750	650000	80	216	0	22.51
DFT-s-OFDM 256QAM	3750	650000	80	108	54	20.36
DFT-s-OFDM 256QAM	3750	650000	80	1	1	20.25
DFT-s-OFDM 256QAM	3750	650000	80	1	215	20.24
DFT-s-OFDM 256QAM	3750	650000	80	216	0	20.34
CP-OFDM QPSK	3750	650000	80	109	54	23.45
CP-OFDM QPSK	3750	650000	80	1	1	23.42
CP-OFDM QPSK	3750	650000	80	1	215	23.41
CP-OFDM QPSK	3750	650000	80	217	0	21.88
CP-OFDM 16QAM	3750	650000	80	109	54	22.95
CP-OFDM 16QAM	3750	650000	80	1	1	22.88
CP-OFDM 16QAM	3750	650000	80	1	215	22.81
CP-OFDM 16QAM	3750	650000	80	217	0	21.86
CP-OFDM 64QAM	3750	650000	80	109	54	21.37

CP-OFDM 64QAM	3750	650000	80	1	1	20.96
CP-OFDM 64QAM	3750	650000	80	1	215	21.02
CP-OFDM 64QAM	3750	650000	80	217	0	21.47
CP-OFDM 256QAM	3750	650000	80	109	54	18.37
CP-OFDM 256QAM	3750	650000	80	1	1	18.29
CP-OFDM 256QAM	3750	650000	80	1	215	18.29
CP-OFDM 256QAM	3750	650000	80	217	0	18.47
DFT-s-OFDM PI/2 BPSK	3759.99	650666	80	108	54	20.38
DFT-s-OFDM PI/2 BPSK	3759.99	650666	80	1	1	20.29
DFT-s-OFDM PI/2 BPSK	3759.99	650666	80	1	215	20.24
DFT-s-OFDM PI/2 BPSK	3759.99	650666	80	216	0	20.41
DFT-s-OFDM QPSK	3759.99	650666	80	108	54	24.89
DFT-s-OFDM QPSK	3759.99	650666	80	1	1	24.81
DFT-s-OFDM QPSK	3759.99	650666	80	1	215	24.85
DFT-s-OFDM QPSK	3759.99	650666	80	216	0	23.89
DFT-s-OFDM 16QAM	3759.99	650666	80	108	54	23.97
DFT-s-OFDM 16QAM	3759.99	650666	80	1	1	23.88
DFT-s-OFDM 16QAM	3759.99	650666	80	1	215	23.90
DFT-s-OFDM 16QAM	3759.99	650666	80	216	0	22.96
DFT-s-OFDM 64QAM	3759.99	650666	80	108	54	22.48
DFT-s-OFDM 64QAM	3759.99	650666	80	1	1	22.02
DFT-s-OFDM 64QAM	3759.99	650666	80	1	215	22.04
DFT-s-OFDM 64QAM	3759.99	650666	80	216	0	22.38
DFT-s-OFDM 256QAM	3759.99	650666	80	108	54	20.36
DFT-s-OFDM 256QAM	3759.99	650666	80	1	1	20.23
DFT-s-OFDM 256QAM	3759.99	650666	80	1	215	20.35
DFT-s-OFDM 256QAM	3759.99	650666	80	216	0	20.35
CP-OFDM QPSK	3759.99	650666	80	109	54	23.32
CP-OFDM QPSK	3759.99	650666	80	1	1	23.43
CP-OFDM QPSK	3759.99	650666	80	1	215	23.43
CP-OFDM QPSK	3759.99	650666	80	217	0	21.84
CP-OFDM 16QAM	3759.99	650666	80	109	54	22.81
CP-OFDM 16QAM	3759.99	650666	80	1	1	22.92
CP-OFDM 16QAM	3759.99	650666	80	1	215	22.97
CP-OFDM 16QAM	3759.99	650666	80	217	0	21.85
CP-OFDM 64QAM	3759.99	650666	80	109	54	21.32
CP-OFDM 64QAM	3759.99	650666	80	1	1	20.96
CP-OFDM 64QAM	3759.99	650666	80	1	215	20.95
CP-OFDM 64QAM	3759.99	650666	80	217	0	21.38
CP-OFDM 256QAM	3759.99	650666	80	109	54	18.50
CP-OFDM 256QAM	3759.99	650666	80	1	1	18.36
CP-OFDM 256QAM	3759.99	650666	80	1	215	18.58
CP-OFDM 256QAM	3759.99	650666	80	217	0	18.46

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
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DFT-s-OFDM PI/2 BPSK	3745.02	649668	90	120	60	20.39
DFT-s-OFDM PI/2 BPSK	3745.02	649668	90	1	1	20.34
DFT-s-OFDM PI/2 BPSK	3745.02	649668	90	1	243	20.23
DFT-s-OFDM PI/2 BPSK	3745.02	649668	90	243	0	20.39
DFT-s-OFDM QPSK	3745.02	649668	90	120	60	24.78
DFT-s-OFDM QPSK	3745.02	649668	90	1	1	24.85
DFT-s-OFDM QPSK	3745.02	649668	90	1	243	24.94
DFT-s-OFDM QPSK	3745.02	649668	90	243	0	23.88
DFT-s-OFDM 16QAM	3745.02	649668	90	120	60	23.86
DFT-s-OFDM 16QAM	3745.02	649668	90	1	1	24.00
DFT-s-OFDM 16QAM	3745.02	649668	90	1	243	23.88
DFT-s-OFDM 16QAM	3745.02	649668	90	243	0	22.94
DFT-s-OFDM 64QAM	3745.02	649668	90	120	60	22.28
DFT-s-OFDM 64QAM	3745.02	649668	90	1	1	22.06
DFT-s-OFDM 64QAM	3745.02	649668	90	1	243	21.93
DFT-s-OFDM 64QAM	3745.02	649668	90	243	0	22.36
DFT-s-OFDM 256QAM	3745.02	649668	90	120	60	20.37
DFT-s-OFDM 256QAM	3745.02	649668	90	1	1	20.27
DFT-s-OFDM 256QAM	3745.02	649668	90	1	243	20.30
DFT-s-OFDM 256QAM	3745.02	649668	90	243	0	20.33
CP-OFDM QPSK	3745.02	649668	90	123	61	23.38
CP-OFDM QPSK	3745.02	649668	90	1	1	23.38
CP-OFDM QPSK	3745.02	649668	90	1	243	23.42
CP-OFDM QPSK	3745.02	649668	90	245	0	21.86
CP-OFDM 16QAM	3745.02	649668	90	123	61	22.86
CP-OFDM 16QAM	3745.02	649668	90	1	1	23.05
CP-OFDM 16QAM	3745.02	649668	90	1	243	22.99
CP-OFDM 16QAM	3745.02	649668	90	245	0	21.94
CP-OFDM 64QAM	3745.02	649668	90	123	61	21.33
CP-OFDM 64QAM	3745.02	649668	90	1	1	21.06
CP-OFDM 64QAM	3745.02	649668	90	1	243	21.03
CP-OFDM 64QAM	3745.02	649668	90	245	0	21.42
CP-OFDM 256QAM	3745.02	649668	90	123	61	18.42
CP-OFDM 256QAM	3745.02	649668	90	1	1	18.26
CP-OFDM 256QAM	3745.02	649668	90	1	243	18.23
CP-OFDM 256QAM	3745.02	649668	90	245	0	18.44
DFT-s-OFDM PI/2 BPSK	3750	650000	90	120	60	20.38
DFT-s-OFDM PI/2 BPSK	3750	650000	90	1	1	20.22
DFT-s-OFDM PI/2 BPSK	3750	650000	90	1	243	20.33
DFT-s-OFDM PI/2 BPSK	3750	650000	90	243	0	20.38
DFT-s-OFDM QPSK	3750	650000	90	120	60	24.79
DFT-s-OFDM QPSK	3750	650000	90	1	1	24.87
DFT-s-OFDM QPSK	3750	650000	90	1	243	24.84
DFT-s-OFDM QPSK	3750	650000	90	243	0	23.88
DFT-s-OFDM 16QAM	3750	650000	90	120	60	23.86
DFT-s-OFDM 16QAM	3750	650000	90	1	1	23.89

DFT-s-OFDM 16QAM	3750	650000	90	1	243	23.83
DFT-s-OFDM 16QAM	3750	650000	90	243	0	22.82
DFT-s-OFDM 64QAM	3750	650000	90	120	60	22.39
DFT-s-OFDM 64QAM	3750	650000	90	1	1	21.92
DFT-s-OFDM 64QAM	3750	650000	90	1	243	21.96
DFT-s-OFDM 64QAM	3750	650000	90	243	0	22.34
DFT-s-OFDM 256QAM	3750	650000	90	120	60	20.39
DFT-s-OFDM 256QAM	3750	650000	90	1	1	20.42
DFT-s-OFDM 256QAM	3750	650000	90	1	243	20.18
DFT-s-OFDM 256QAM	3750	650000	90	243	0	20.44
CP-OFDM QPSK	3750	650000	90	123	61	23.42
CP-OFDM QPSK	3750	650000	90	1	1	23.53
CP-OFDM QPSK	3750	650000	90	1	243	23.47
CP-OFDM QPSK	3750	650000	90	245	0	21.89
CP-OFDM 16QAM	3750	650000	90	123	61	22.80
CP-OFDM 16QAM	3750	650000	90	1	1	22.94
CP-OFDM 16QAM	3750	650000	90	1	243	22.99
CP-OFDM 16QAM	3750	650000	90	245	0	21.93
CP-OFDM 64QAM	3750	650000	90	123	61	21.38
CP-OFDM 64QAM	3750	650000	90	1	1	20.98
CP-OFDM 64QAM	3750	650000	90	1	243	20.94
CP-OFDM 64QAM	3750	650000	90	245	0	21.33
CP-OFDM 256QAM	3750	650000	90	123	61	18.45
CP-OFDM 256QAM	3750	650000	90	1	1	18.29
CP-OFDM 256QAM	3750	650000	90	1	243	18.49
CP-OFDM 256QAM	3750	650000	90	245	0	18.44
DFT-s-OFDM PI/2 BPSK	3754.98	650332	90	120	60	20.39
DFT-s-OFDM PI/2 BPSK	3754.98	650332	90	1	1	20.24
DFT-s-OFDM PI/2 BPSK	3754.98	650332	90	1	243	20.41
DFT-s-OFDM PI/2 BPSK	3754.98	650332	90	243	0	20.41
DFT-s-OFDM QPSK	3754.98	650332	90	120	60	24.84
DFT-s-OFDM QPSK	3754.98	650332	90	1	1	24.81
DFT-s-OFDM QPSK	3754.98	650332	90	1	243	24.92
DFT-s-OFDM QPSK	3754.98	650332	90	243	0	23.91
DFT-s-OFDM 16QAM	3754.98	650332	90	120	60	23.83
DFT-s-OFDM 16QAM	3754.98	650332	90	1	1	23.90
DFT-s-OFDM 16QAM	3754.98	650332	90	1	243	24.08
DFT-s-OFDM 16QAM	3754.98	650332	90	243	0	22.86
DFT-s-OFDM 64QAM	3754.98	650332	90	120	60	22.36
DFT-s-OFDM 64QAM	3754.98	650332	90	1	1	21.95
DFT-s-OFDM 64QAM	3754.98	650332	90	1	243	22.12
DFT-s-OFDM 64QAM	3754.98	650332	90	243	0	22.38
DFT-s-OFDM 256QAM	3754.98	650332	90	120	60	20.44
DFT-s-OFDM 256QAM	3754.98	650332	90	1	1	20.37
DFT-s-OFDM 256QAM	3754.98	650332	90	1	243	20.42
DFT-s-OFDM 256QAM	3754.98	650332	90	243	0	20.34

CP-OFDM QPSK	3754.98	650332	90	123	61	23.38
CP-OFDM QPSK	3754.98	650332	90	1	1	23.36
CP-OFDM QPSK	3754.98	650332	90	1	243	23.37
CP-OFDM QPSK	3754.98	650332	90	245	0	21.88
CP-OFDM 16QAM	3754.98	650332	90	123	61	22.86
CP-OFDM 16QAM	3754.98	650332	90	1	1	22.92
CP-OFDM 16QAM	3754.98	650332	90	1	243	23.03
CP-OFDM 16QAM	3754.98	650332	90	245	0	21.95
CP-OFDM 64QAM	3754.98	650332	90	123	61	21.45
CP-OFDM 64QAM	3754.98	650332	90	1	1	20.87
CP-OFDM 64QAM	3754.98	650332	90	1	243	21.06
CP-OFDM 64QAM	3754.98	650332	90	245	0	21.44
CP-OFDM 256QAM	3754.98	650332	90	123	61	18.50
CP-OFDM 256QAM	3754.98	650332	90	1	1	18.29
CP-OFDM 256QAM	3754.98	650332	90	1	243	18.48
CP-OFDM 256QAM	3754.98	650332	90	245	0	18.46

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3750	650000	100	135	67	20.43
DFT-s-OFDM PI/2 BPSK	3750	650000	100	1	1	20.31
DFT-s-OFDM PI/2 BPSK	3750	650000	100	1	271	20.28
DFT-s-OFDM PI/2 BPSK	3750	650000	100	270	0	20.46
DFT-s-OFDM QPSK	3750	650000	100	135	67	24.87
DFT-s-OFDM QPSK	3750	650000	100	1	1	24.78
DFT-s-OFDM QPSK	3750	650000	100	1	271	25.00
DFT-s-OFDM QPSK	3750	650000	100	270	0	23.96
DFT-s-OFDM 16QAM	3750	650000	100	135	67	23.86
DFT-s-OFDM 16QAM	3750	650000	100	1	1	23.74
DFT-s-OFDM 16QAM	3750	650000	100	1	271	23.94
DFT-s-OFDM 16QAM	3750	650000	100	270	0	22.94
DFT-s-OFDM 64QAM	3750	650000	100	135	67	22.41
DFT-s-OFDM 64QAM	3750	650000	100	1	1	21.92
DFT-s-OFDM 64QAM	3750	650000	100	1	271	22.00
DFT-s-OFDM 64QAM	3750	650000	100	270	0	22.42
DFT-s-OFDM 256QAM	3750	650000	100	135	67	20.41
DFT-s-OFDM 256QAM	3750	650000	100	1	1	20.44
DFT-s-OFDM 256QAM	3750	650000	100	1	271	20.39
DFT-s-OFDM 256QAM	3750	650000	100	270	0	20.41
CP-OFDM QPSK	3750	650000	100	137	68	23.35
CP-OFDM QPSK	3750	650000	100	1	1	23.27
CP-OFDM QPSK	3750	650000	100	1	271	23.36
CP-OFDM QPSK	3750	650000	100	273	0	21.85
CP-OFDM 16QAM	3750	650000	100	137	68	22.83
CP-OFDM 16QAM	3750	650000	100	1	1	22.98
CP-OFDM 16QAM	3750	650000	100	1	271	22.97

CP-OFDM 16QAM	3750	650000	100	273	0	21.83
CP-OFDM 64QAM	3750	650000	100	137	68	21.40
CP-OFDM 64QAM	3750	650000	100	1	1	21.00
CP-OFDM 64QAM	3750	650000	100	1	271	21.08
CP-OFDM 64QAM	3750	650000	100	273	0	21.41
CP-OFDM 256QAM	3750	650000	100	137	68	18.46
CP-OFDM 256QAM	3750	650000	100	1	1	18.24
CP-OFDM 256QAM	3750	650000	100	1	271	18.45
CP-OFDM 256QAM	3750	650000	100	273	0	18.45

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	3710.01	647334	20	51	0	18.300	Fig.1
CP-OFDM 16QAM	3710.01	647334	20	51	0	18.270	Fig.2
CP-OFDM 64QAM	3710.01	647334	20	51	0	18.270	Fig.3
CP-OFDM 256QAM	3710.01	647334	20	51	0	18.260	Fig.4
CP-OFDM QPSK	3750	650000	20	51	0	18.290	Fig.5
CP-OFDM 16QAM	3750	650000	20	51	0	18.260	Fig.6
CP-OFDM 64QAM	3750	650000	20	51	0	18.270	Fig.7
CP-OFDM 256QAM	3750	650000	20	51	0	18.280	Fig.8
CP-OFDM QPSK	3789.99	652666	20	51	0	18.300	Fig.9
CP-OFDM 16QAM	3789.99	652666	20	51	0	18.320	Fig.10
CP-OFDM 64QAM	3789.99	652666	20	51	0	18.310	Fig.11
CP-OFDM 256QAM	3789.99	652666	20	51	0	18.270	Fig.12
CP-OFDM QPSK	3715.02	647668	30	78	0	27.860	Fig.13
CP-OFDM 16QAM	3715.02	647668	30	78	0	27.850	Fig.14
CP-OFDM 64QAM	3715.02	647668	30	78	0	27.880	Fig.15
CP-OFDM 256QAM	3715.02	647668	30	78	0	27.890	Fig.16
CP-OFDM QPSK	3750	650000	30	78	0	27.900	Fig.17
CP-OFDM 16QAM	3750	650000	30	78	0	27.860	Fig.18
CP-OFDM 64QAM	3750	650000	30	78	0	27.850	Fig.19
CP-OFDM 256QAM	3750	650000	30	78	0	27.890	Fig.20
CP-OFDM QPSK	3784.98	652332	30	78	0	27.890	Fig.21
CP-OFDM 16QAM	3784.98	652332	30	78	0	27.890	Fig.22
CP-OFDM 64QAM	3784.98	652332	30	78	0	27.870	Fig.23
CP-OFDM 256QAM	3784.98	652332	30	78	0	27.880	Fig.24
CP-OFDM QPSK	3720	648000	40	106	0	38.200	Fig.25
CP-OFDM 16QAM	3720	648000	40	106	0	38.170	Fig.26
CP-OFDM 64QAM	3720	648000	40	106	0	38.200	Fig.27
CP-OFDM 256QAM	3720	648000	40	106	0	38.220	Fig.28
CP-OFDM QPSK	3750	650000	40	106	0	38.230	Fig.29
CP-OFDM 16QAM	3750	650000	40	106	0	38.190	Fig.30
CP-OFDM 64QAM	3750	650000	40	106	0	38.200	Fig.31
CP-OFDM 256QAM	3750	650000	40	106	0	38.190	Fig.32
CP-OFDM QPSK	3780	652000	40	106	0	38.200	Fig.33
CP-OFDM 16QAM	3780	652000	40	106	0	38.170	Fig.34
CP-OFDM 64QAM	3780	652000	40	106	0	38.210	Fig.35
CP-OFDM 256QAM	3780	652000	40	106	0	38.190	Fig.36
CP-OFDM QPSK	3725.01	648334	50	133	0	47.740	Fig.37
CP-OFDM 16QAM	3725.01	648334	50	133	0	47.740	Fig.38
CP-OFDM 64QAM	3725.01	648334	50	133	0	47.700	Fig.39
CP-OFDM 256QAM	3725.01	648334	50	133	0	47.780	Fig.40
CP-OFDM QPSK	3750	650000	50	133	0	47.730	Fig.41
CP-OFDM 16QAM	3750	650000	50	133	0	47.770	Fig.42
CP-OFDM 64QAM	3750	650000	50	133	0	47.730	Fig.43

CP-OFDM 256QAM	3750	650000	50	133	0	47.750	Fig.44
CP-OFDM QPSK	3774.99	651666	50	133	0	47.730	Fig.45
CP-OFDM 16QAM	3774.99	651666	50	133	0	47.680	Fig.46
CP-OFDM 64QAM	3774.99	651666	50	133	0	47.780	Fig.47
CP-OFDM 256QAM	3774.99	651666	50	133	0	47.760	Fig.48
CP-OFDM QPSK	3730.02	648668	60	162	0	57.960	Fig.49
CP-OFDM 16QAM	3730.02	648668	60	162	0	58.090	Fig.50
CP-OFDM 64QAM	3730.02	648668	60	162	0	58.100	Fig.51
CP-OFDM 256QAM	3730.02	648668	60	162	0	57.990	Fig.52
CP-OFDM QPSK	3750	650000	60	162	0	58.070	Fig.53
CP-OFDM 16QAM	3750	650000	60	162	0	58.100	Fig.54
CP-OFDM 64QAM	3750	650000	60	162	0	58.010	Fig.55
CP-OFDM 256QAM	3750	650000	60	162	0	58.020	Fig.56
CP-OFDM QPSK	3769.98	651332	60	162	0	58.060	Fig.57
CP-OFDM 16QAM	3769.98	651332	60	162	0	58.110	Fig.58
CP-OFDM 64QAM	3769.98	651332	60	162	0	58.050	Fig.59
CP-OFDM 256QAM	3769.98	651332	60	162	0	58.080	Fig.60
CP-OFDM QPSK	3735	649000	70	189	0	67.740	Fig.61
CP-OFDM 16QAM	3735	649000	70	189	0	67.660	Fig.62
CP-OFDM 64QAM	3735	649000	70	189	0	67.710	Fig.63
CP-OFDM 256QAM	3735	649000	70	189	0	67.640	Fig.64
CP-OFDM QPSK	3750	650000	70	189	0	67.540	Fig.65
CP-OFDM 16QAM	3750	650000	70	189	0	67.500	Fig.66
CP-OFDM 64QAM	3750	650000	70	189	0	67.610	Fig.67
CP-OFDM 256QAM	3750	650000	70	189	0	67.490	Fig.68
CP-OFDM QPSK	3765	651000	70	189	0	67.590	Fig.69
CP-OFDM 16QAM	3765	651000	70	189	0	67.580	Fig.70
CP-OFDM 64QAM	3765	651000	70	189	0	67.650	Fig.71
CP-OFDM 256QAM	3765	651000	70	189	0	67.530	Fig.72
CP-OFDM QPSK	3740.01	649334	80	217	0	77.520	Fig.73
CP-OFDM 16QAM	3740.01	649334	80	217	0	77.470	Fig.74
CP-OFDM 64QAM	3740.01	649334	80	217	0	77.550	Fig.75
CP-OFDM 256QAM	3740.01	649334	80	217	0	77.570	Fig.76
CP-OFDM QPSK	3750	650000	80	217	0	77.470	Fig.77
CP-OFDM 16QAM	3750	650000	80	217	0	77.450	Fig.78
CP-OFDM 64QAM	3750	650000	80	217	0	77.470	Fig.79
CP-OFDM 256QAM	3750	650000	80	217	0	77.480	Fig.80
CP-OFDM QPSK	3759.99	650666	80	217	0	77.460	Fig.81
CP-OFDM 16QAM	3759.99	650666	80	217	0	77.570	Fig.82
CP-OFDM 64QAM	3759.99	650666	80	217	0	77.510	Fig.83
CP-OFDM 256QAM	3759.99	650666	80	217	0	77.520	Fig.84
CP-OFDM QPSK	3745.02	649668	90	245	0	87.500	Fig.85
CP-OFDM 16QAM	3745.02	649668	90	245	0	87.430	Fig.86
CP-OFDM 64QAM	3745.02	649668	90	245	0	87.540	Fig.87
CP-OFDM 256QAM	3745.02	649668	90	245	0	87.430	Fig.88
CP-OFDM QPSK	3750	650000	90	245	0	87.540	Fig.89

CP-OFDM 16QAM	3750	650000	90	245	0	87.460	Fig.90
CP-OFDM 64QAM	3750	650000	90	245	0	87.490	Fig.91
CP-OFDM 256QAM	3750	650000	90	245	0	87.540	Fig.92
CP-OFDM QPSK	3754.98	650332	90	245	0	87.400	Fig.93
CP-OFDM 16QAM	3754.98	650332	90	245	0	87.570	Fig.94
CP-OFDM 64QAM	3754.98	650332	90	245	0	87.540	Fig.95
CP-OFDM 256QAM	3754.98	650332	90	245	0	87.670	Fig.96
CP-OFDM QPSK	3750	650000	100	273	0	97.450	Fig.97
CP-OFDM 16QAM	3750	650000	100	273	0	97.550	Fig.98
CP-OFDM 64QAM	3750	650000	100	273	0	97.350	Fig.99
CP-OFDM 256QAM	3750	650000	100	273	0	97.530	Fig.100

Test Plot:

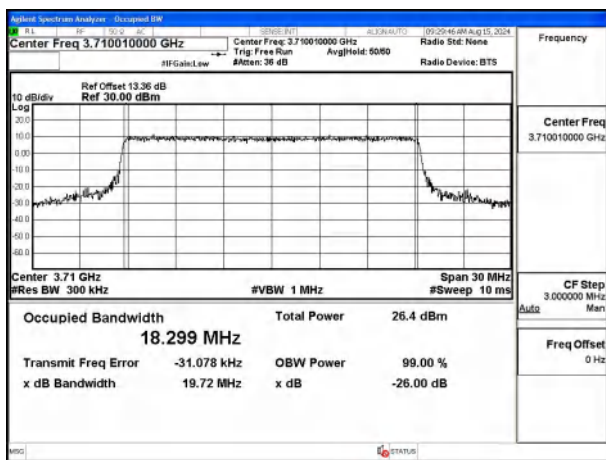


Fig.1

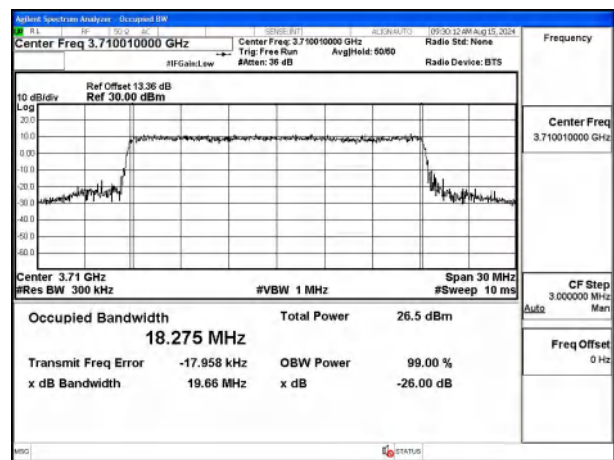


Fig.2

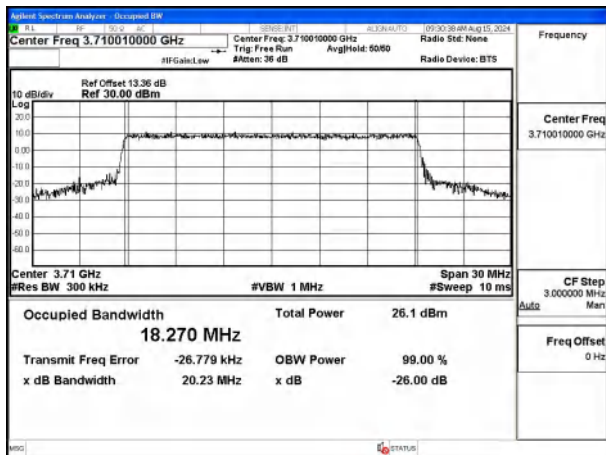


Fig.3

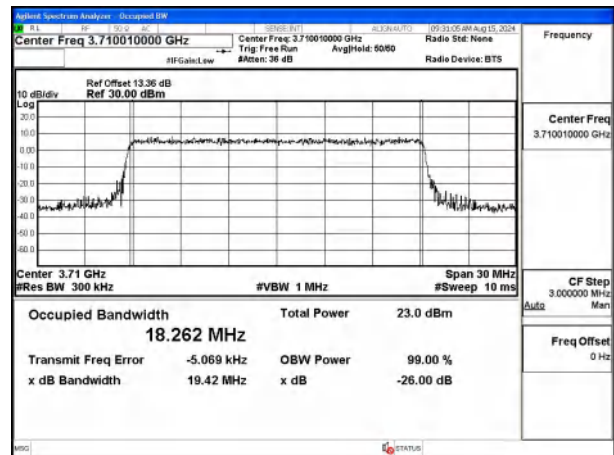


Fig.4

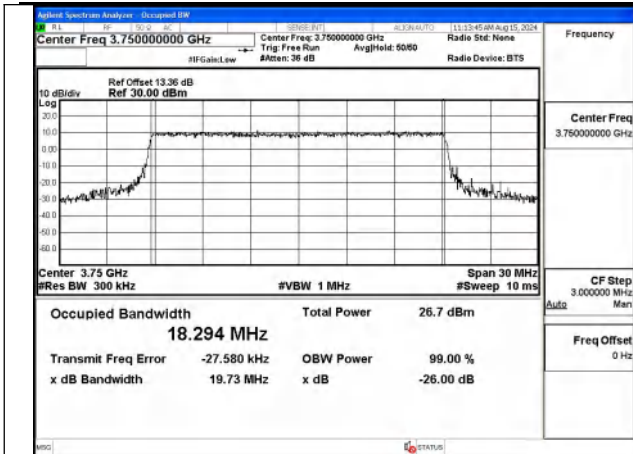


Fig.5

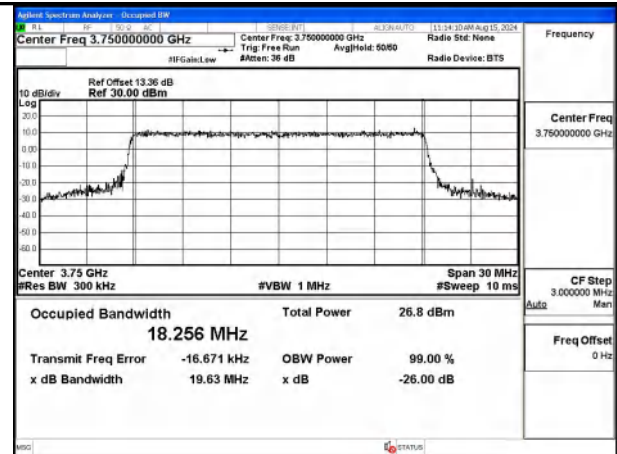


Fig.6

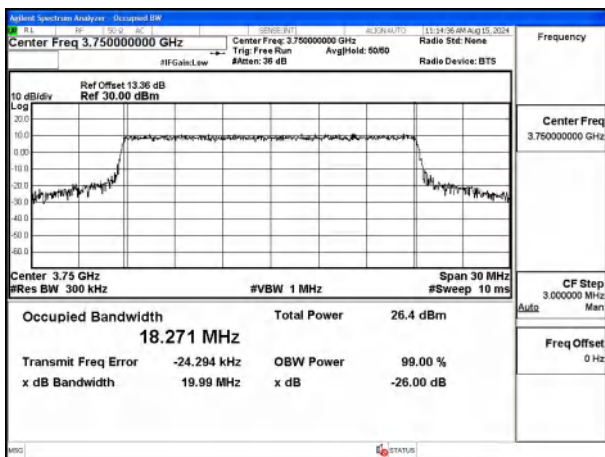


Fig.7

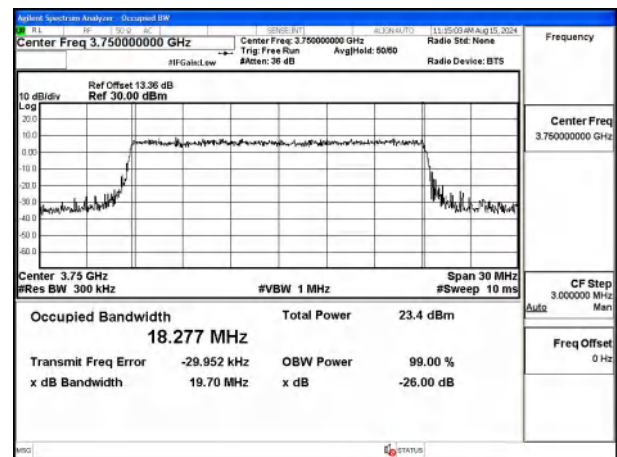


Fig.8

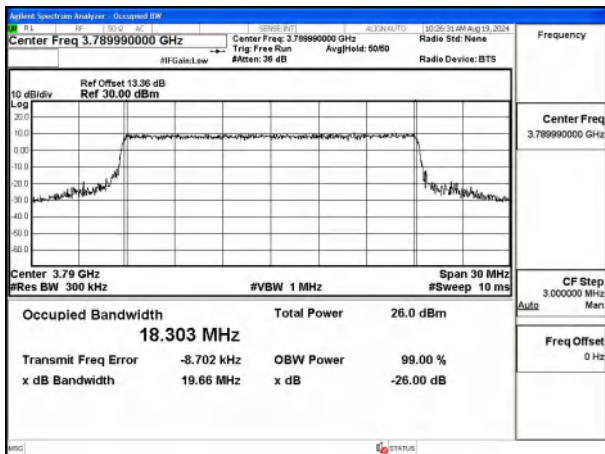


Fig.9

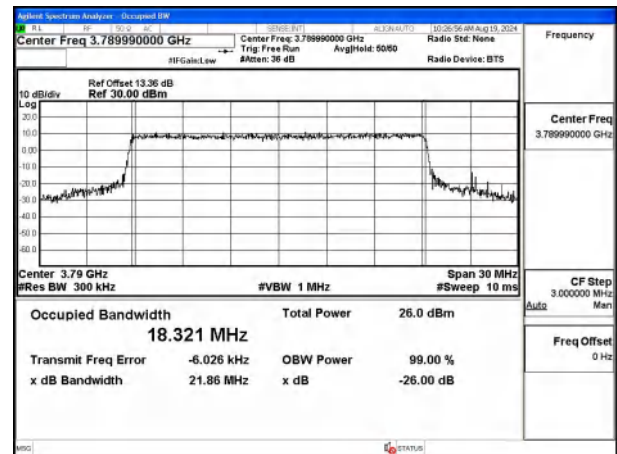


Fig.10

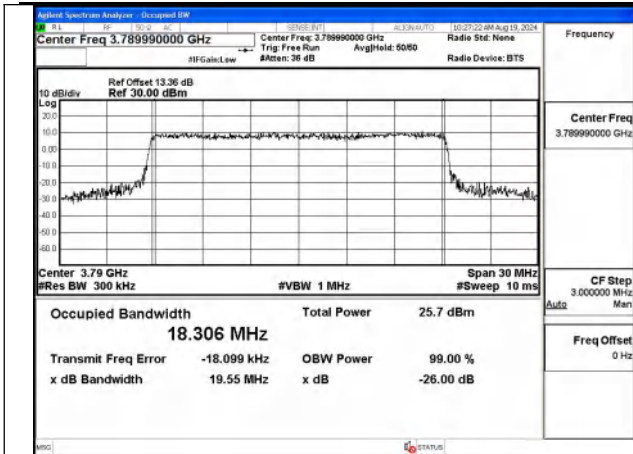


Fig.11

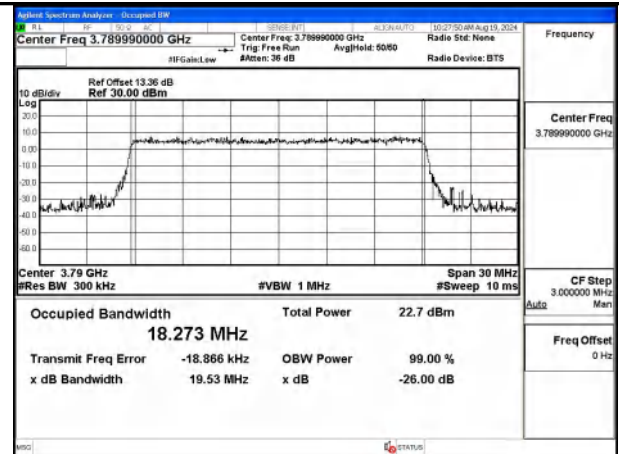


Fig.12

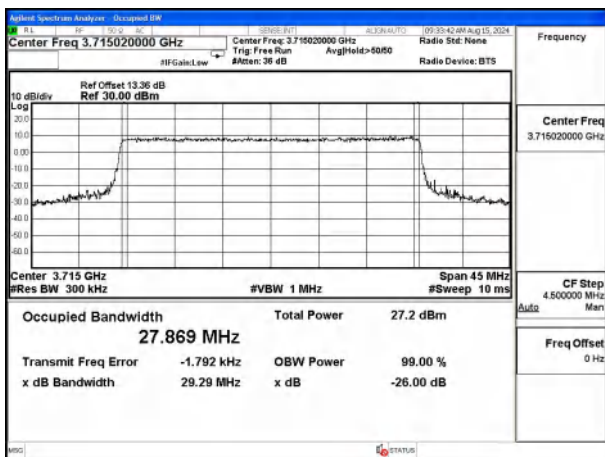


Fig.13

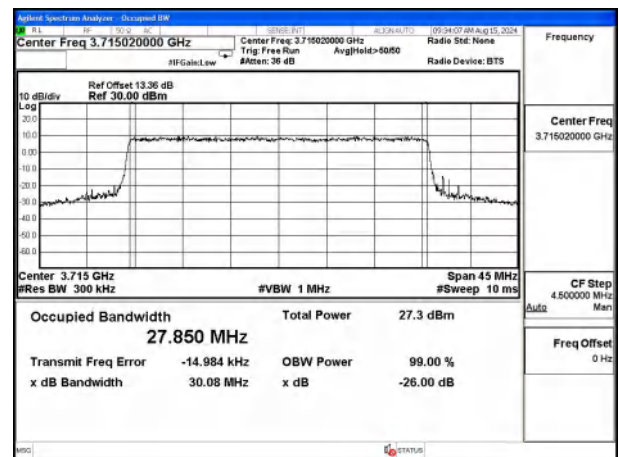


Fig.14

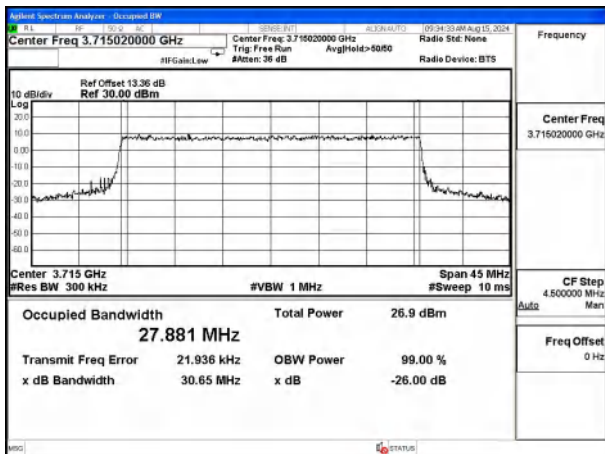


Fig.15

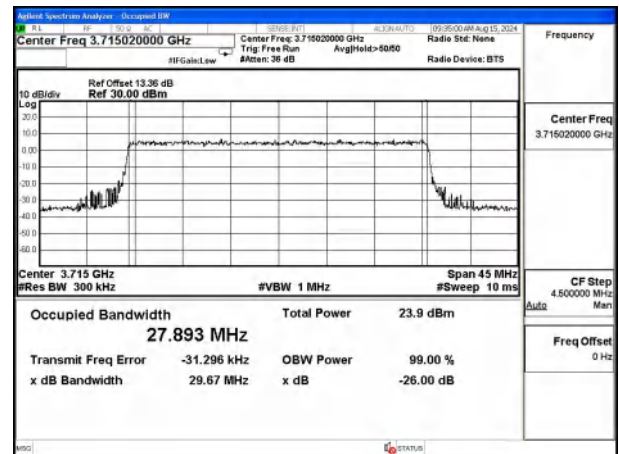


Fig.16

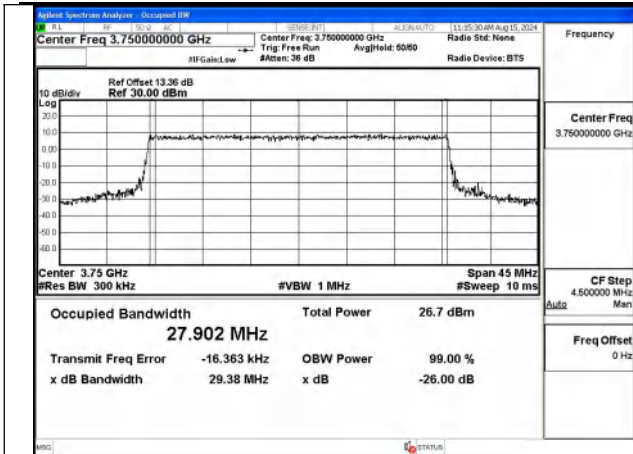


Fig.17

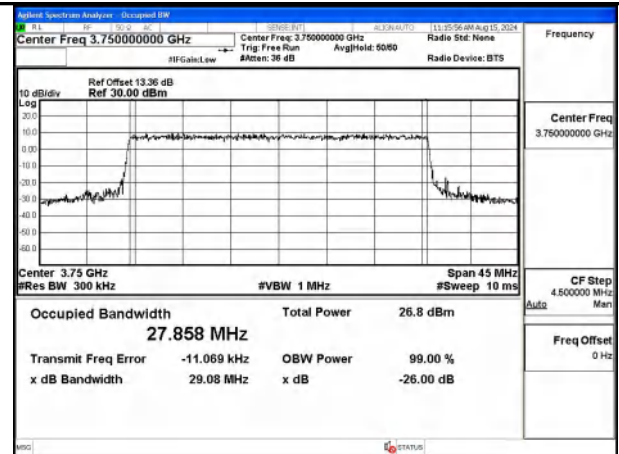


Fig.18

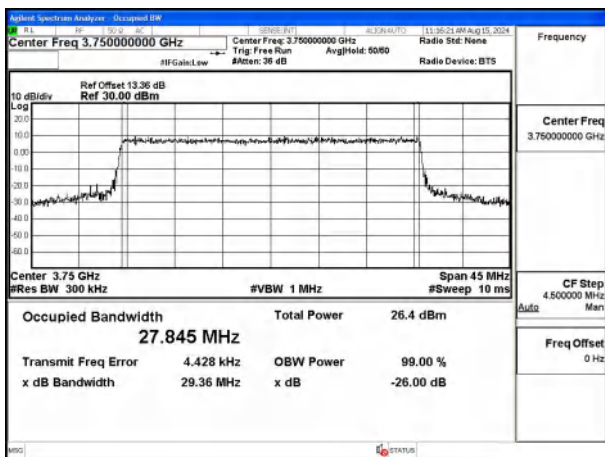


Fig.19

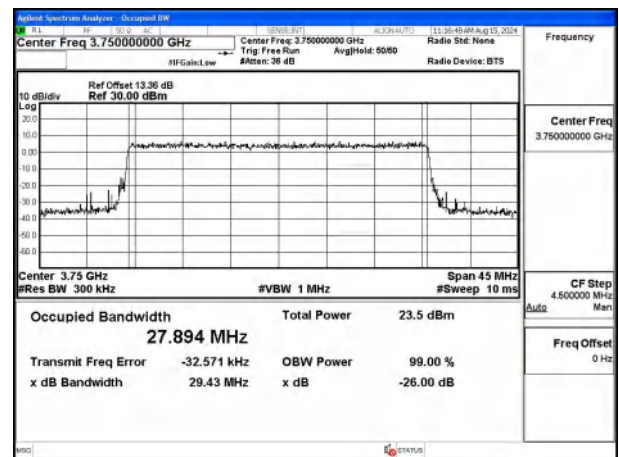


Fig.20

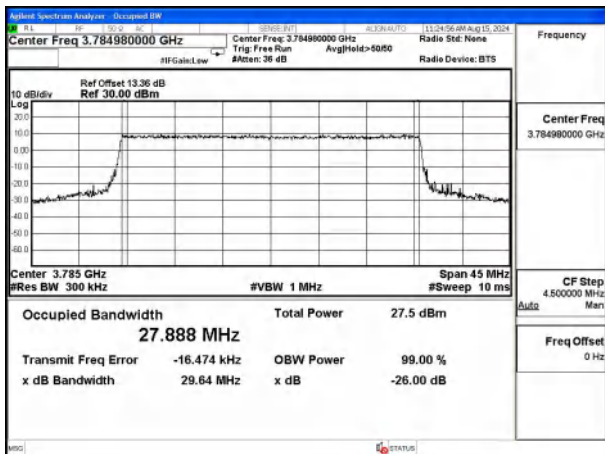


Fig.21

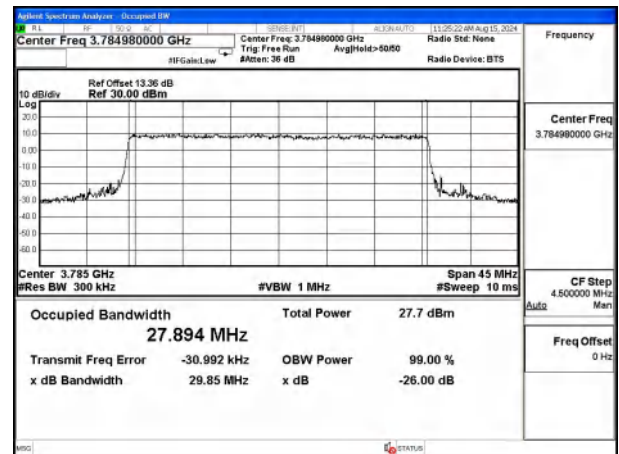


Fig.22

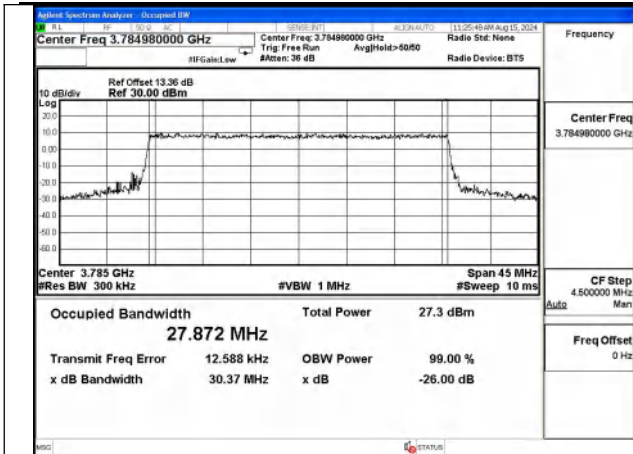


Fig.23

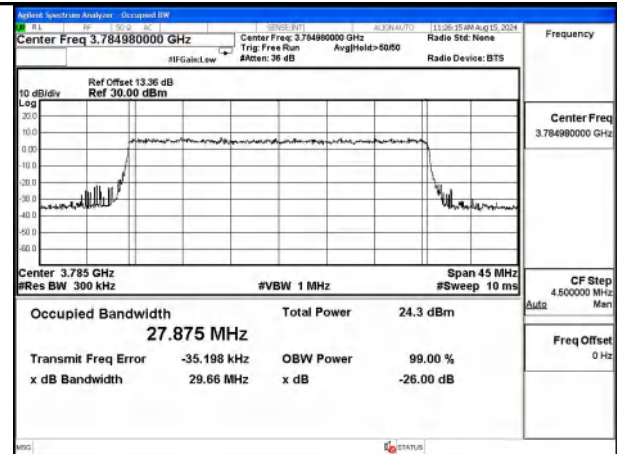


Fig.24

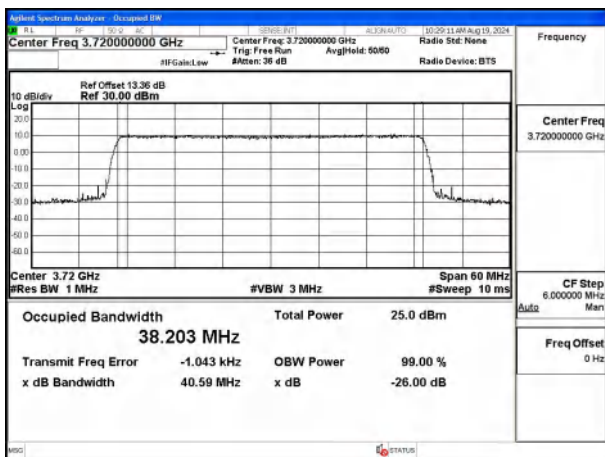


Fig.25

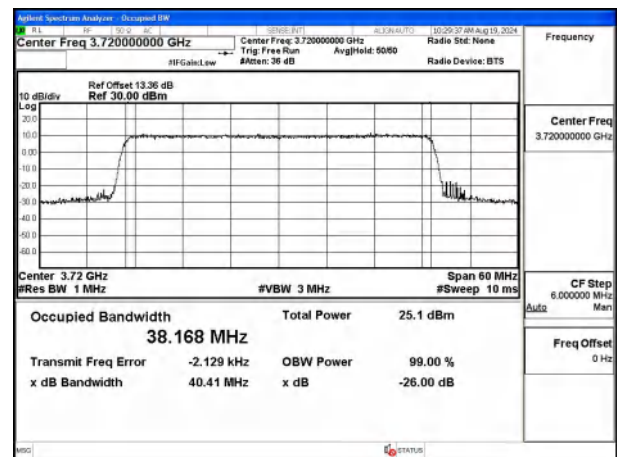


Fig.26

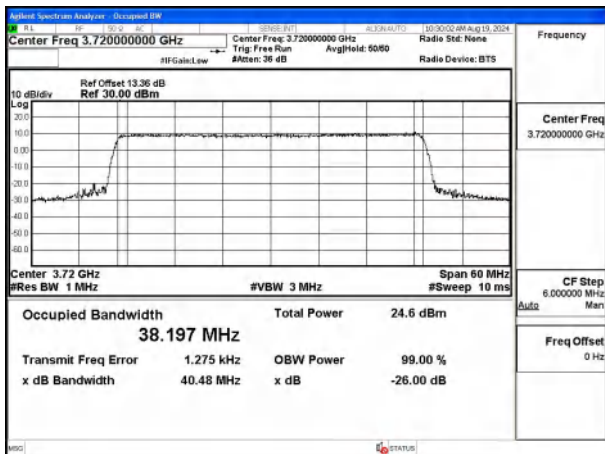


Fig.27

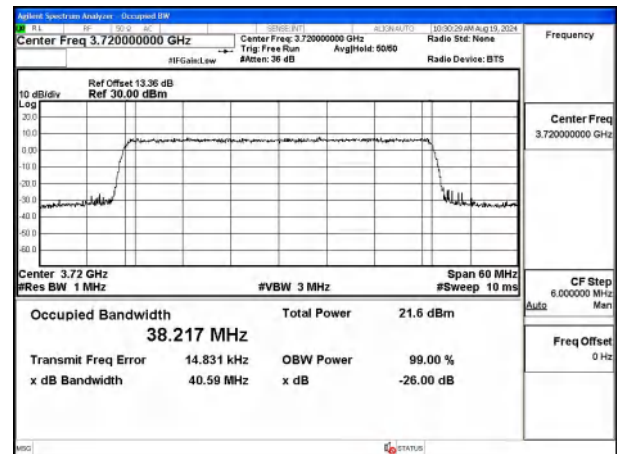


Fig.28

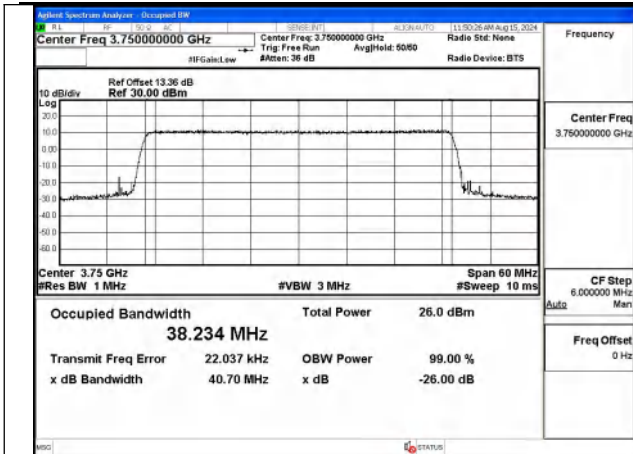


Fig.29

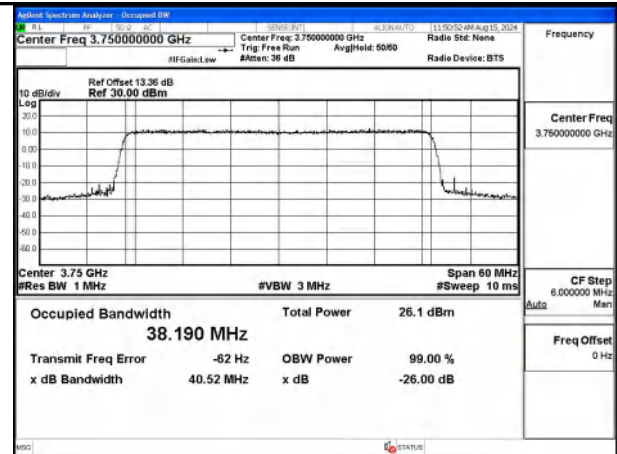


Fig.30

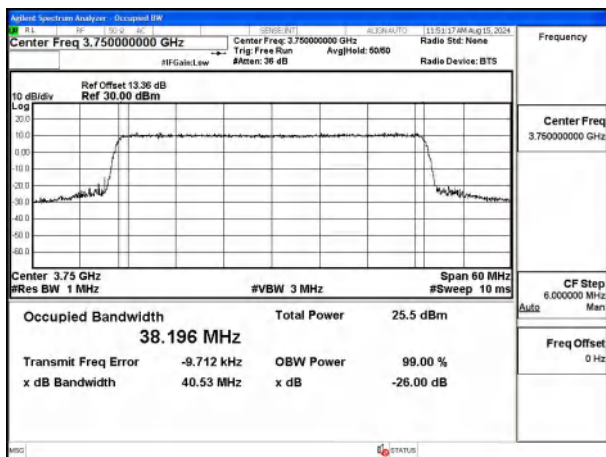


Fig.31

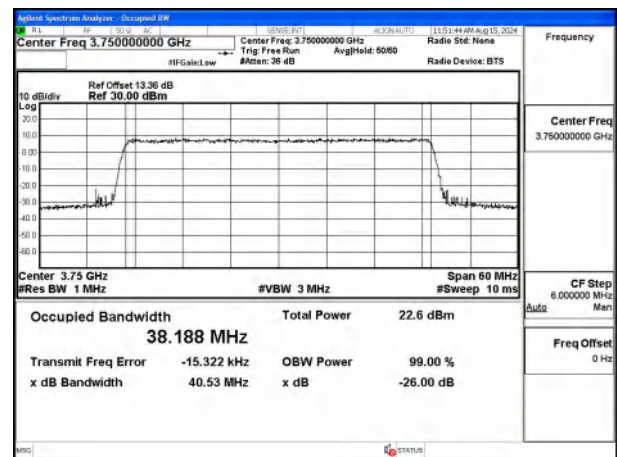


Fig.32

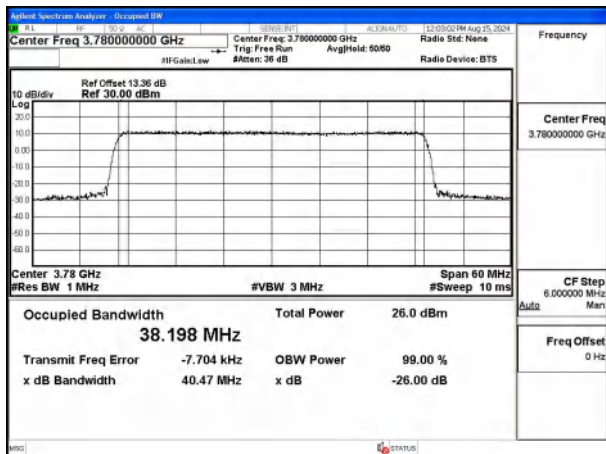


Fig.33

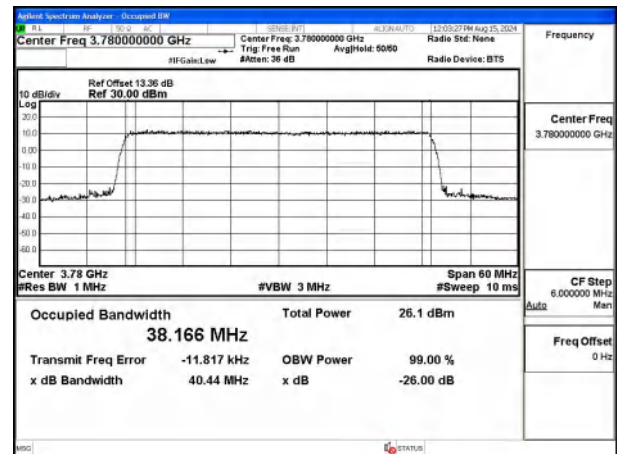


Fig.34

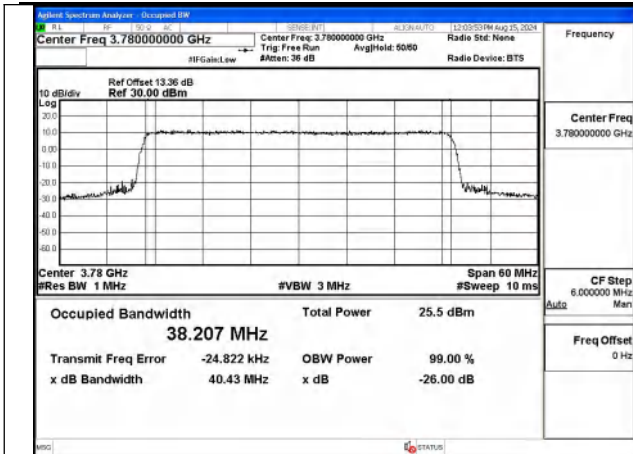


Fig.35

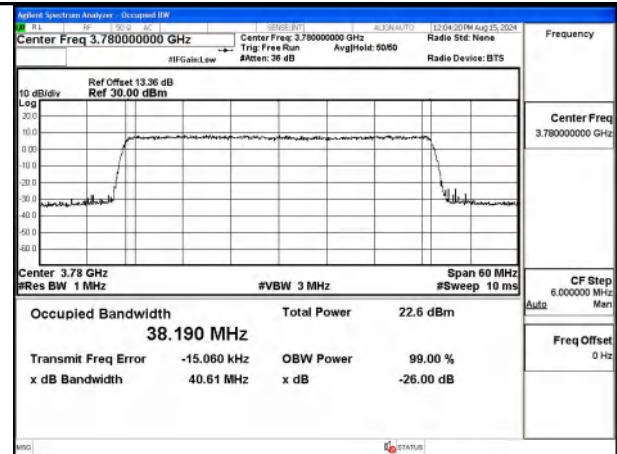


Fig.36

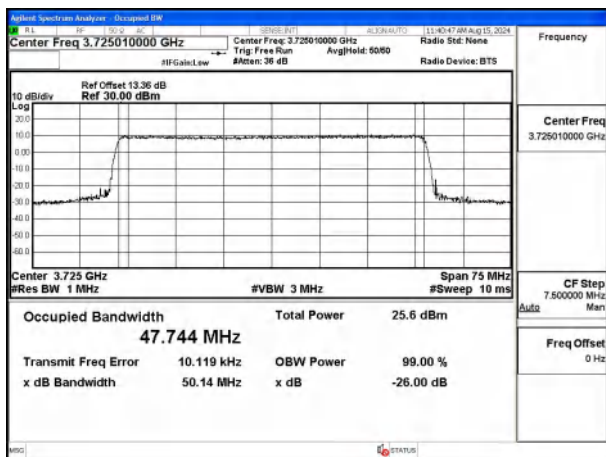


Fig.37

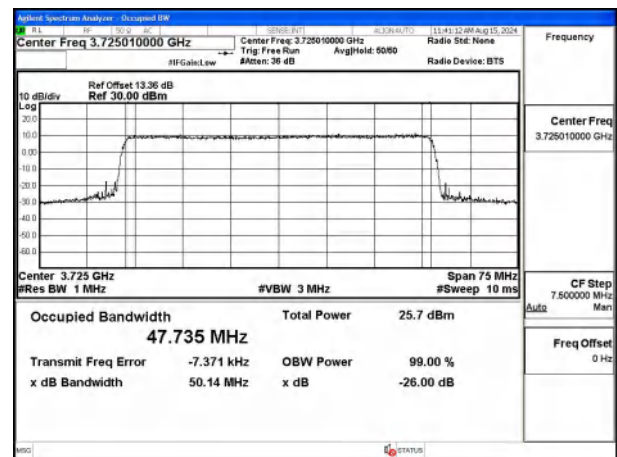


Fig.38

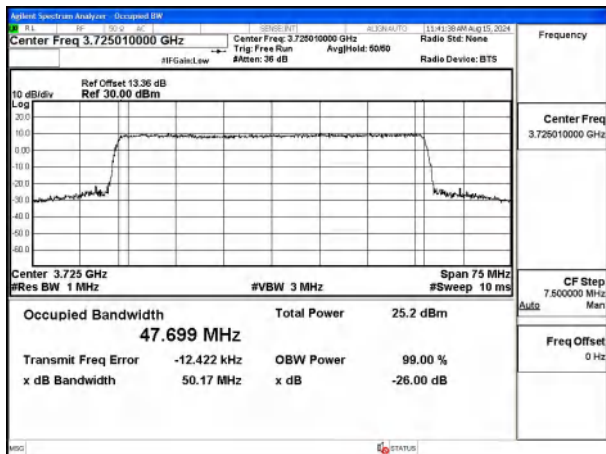


Fig.39

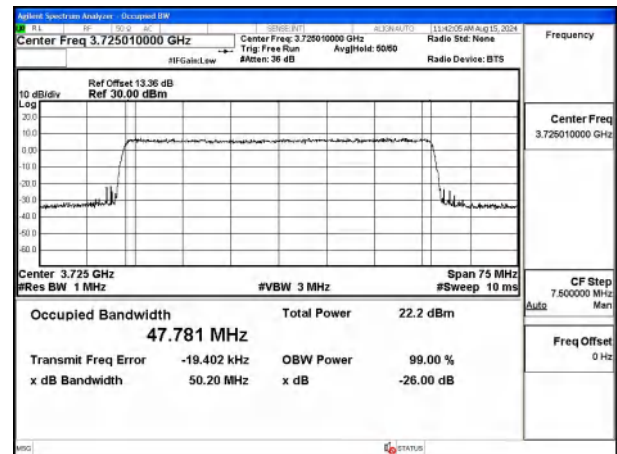


Fig.40

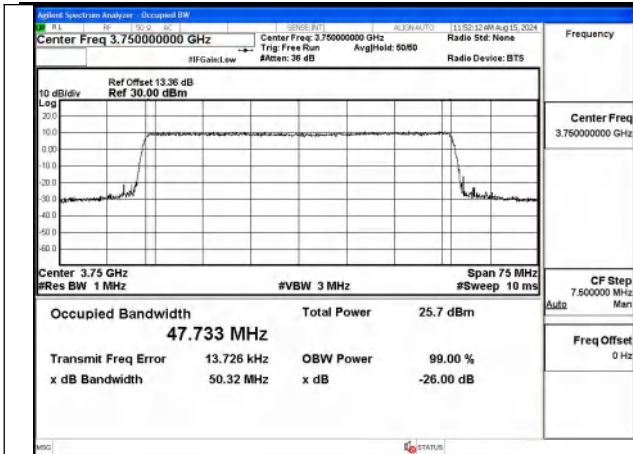


Fig.41

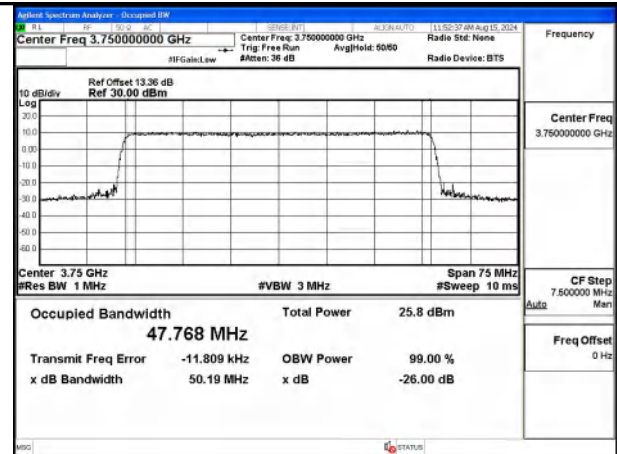


Fig.42

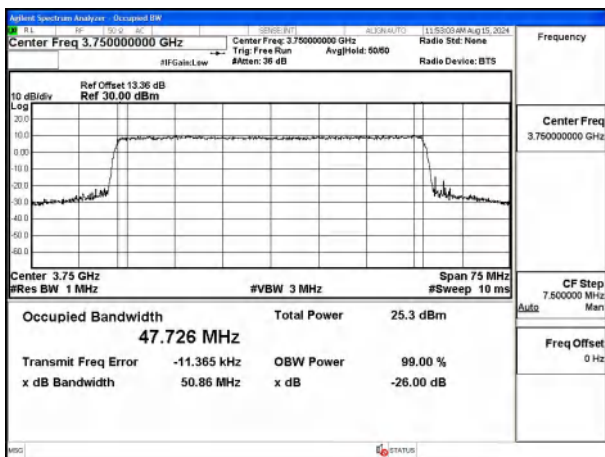


Fig.43

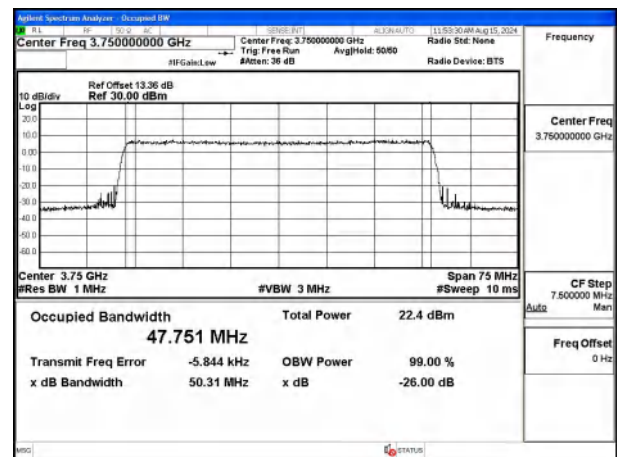


Fig.44

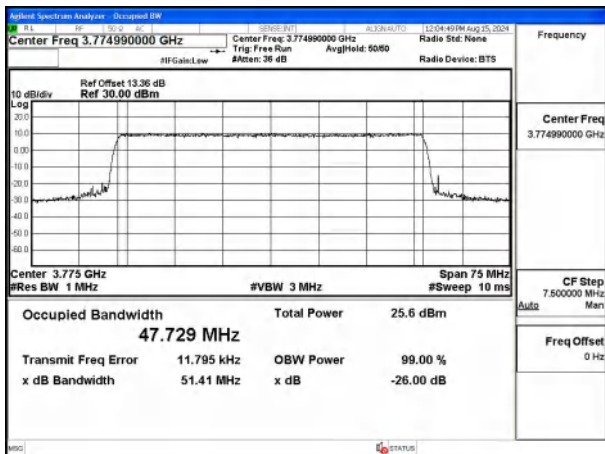


Fig.45

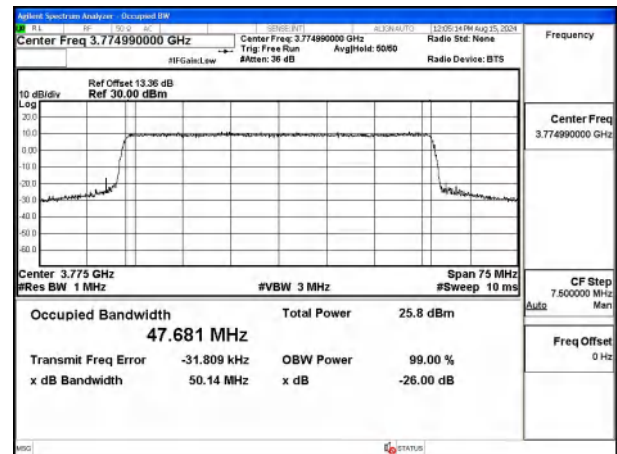


Fig.46

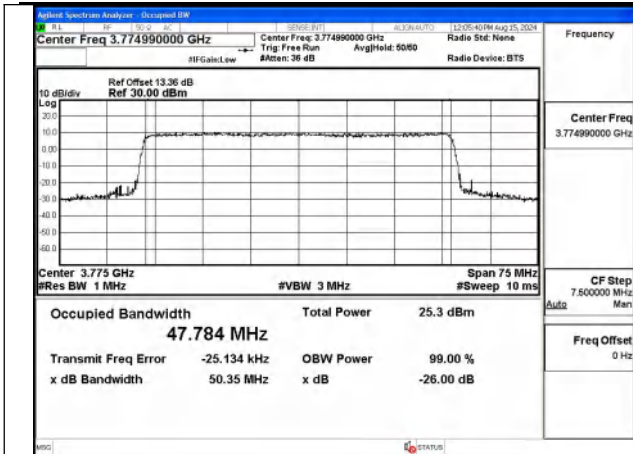


Fig.47

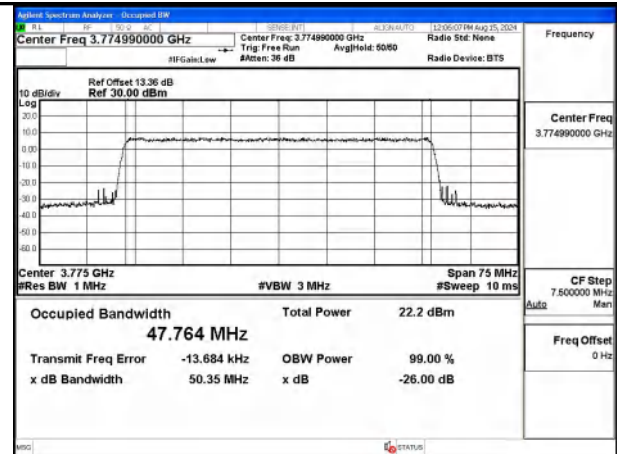


Fig.48

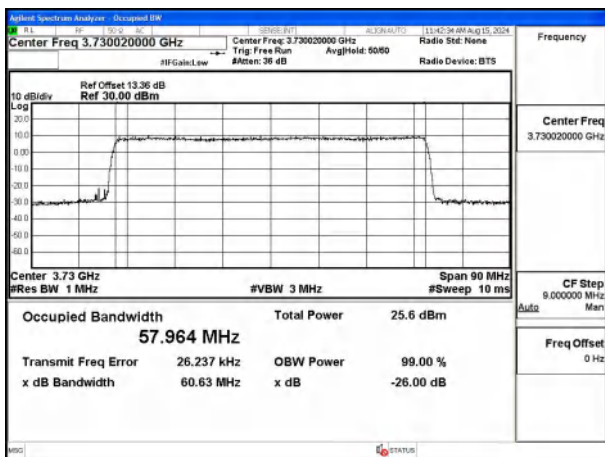


Fig.49

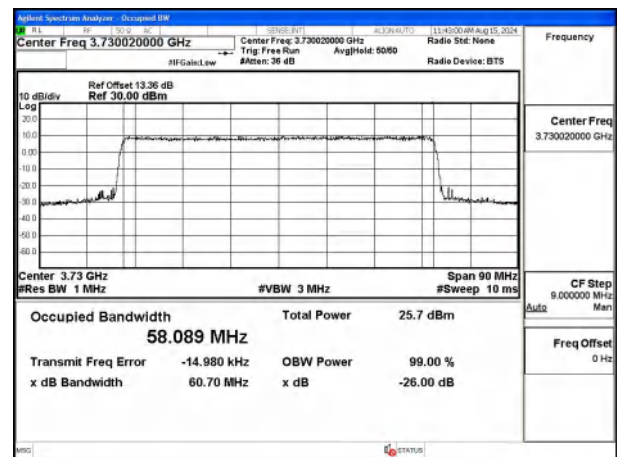


Fig.50

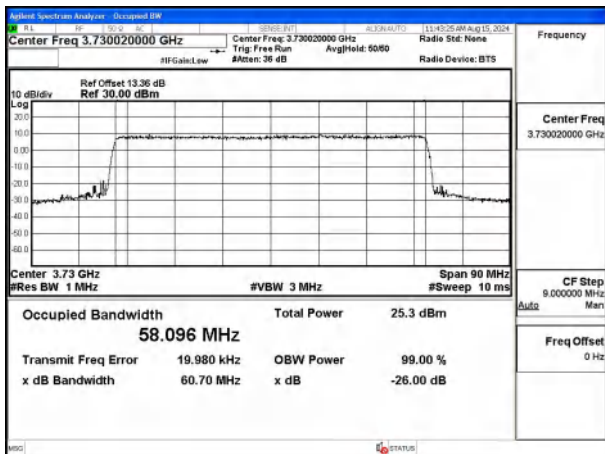


Fig.51

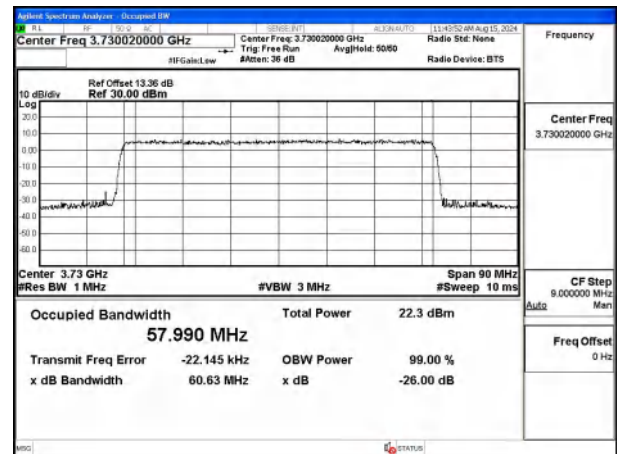


Fig.52

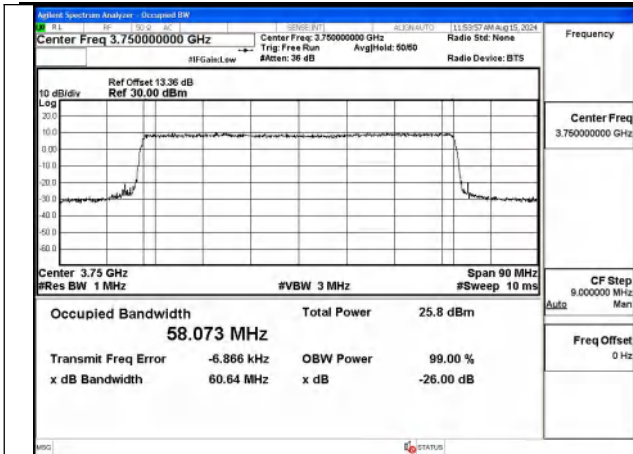


Fig.53

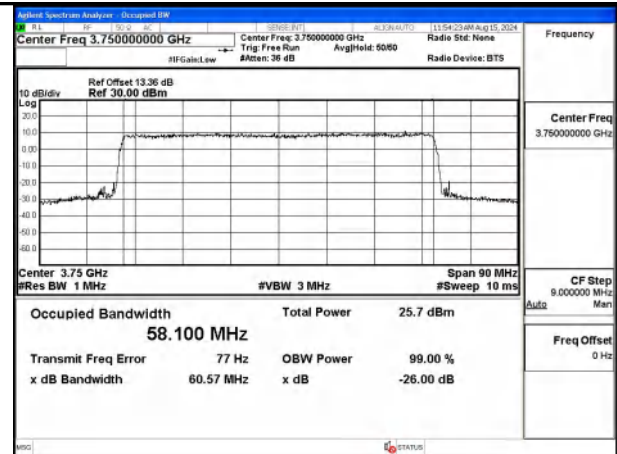


Fig.54

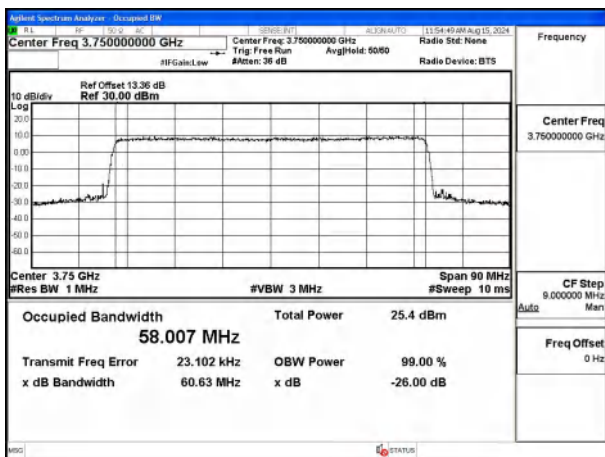


Fig.55

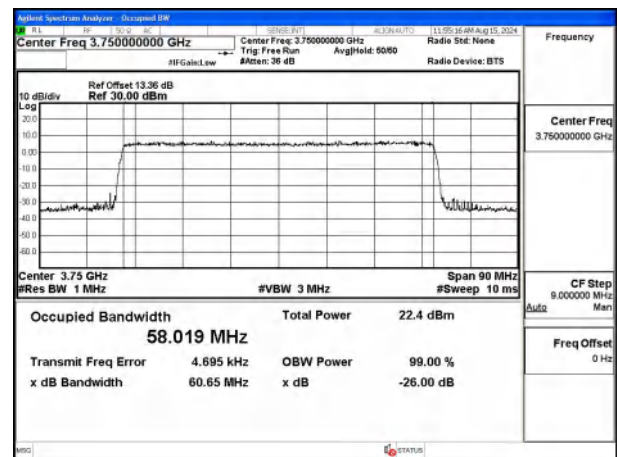


Fig.56

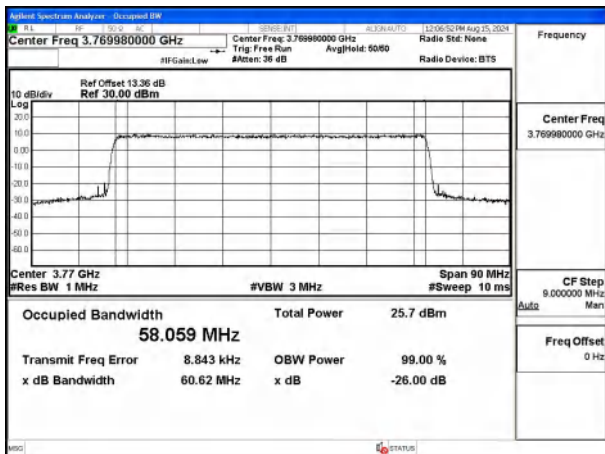


Fig.57

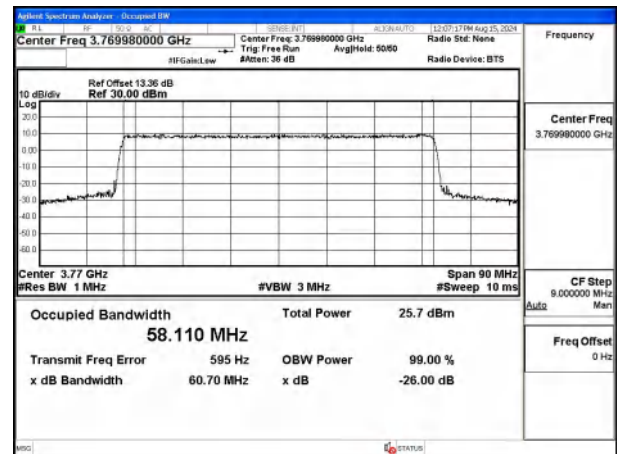


Fig.58

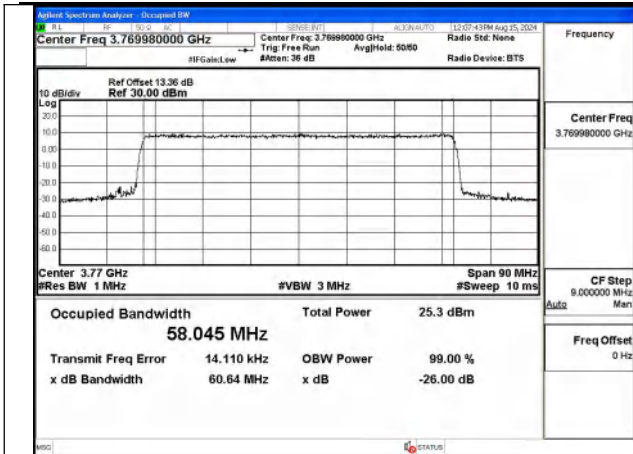


Fig.59

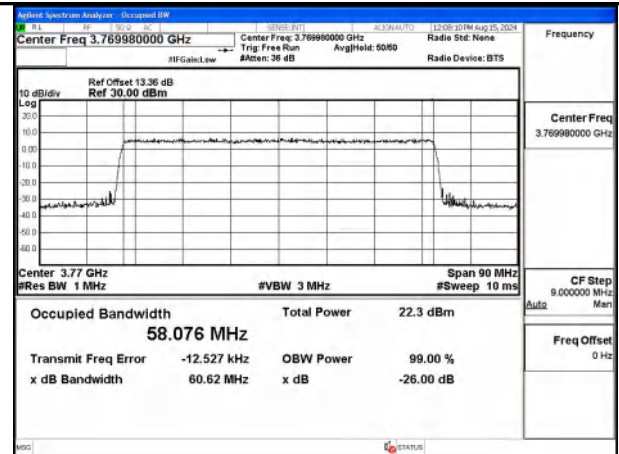


Fig.60

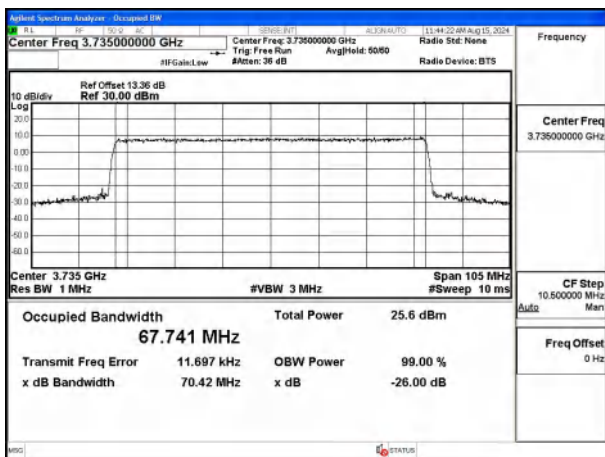


Fig.61

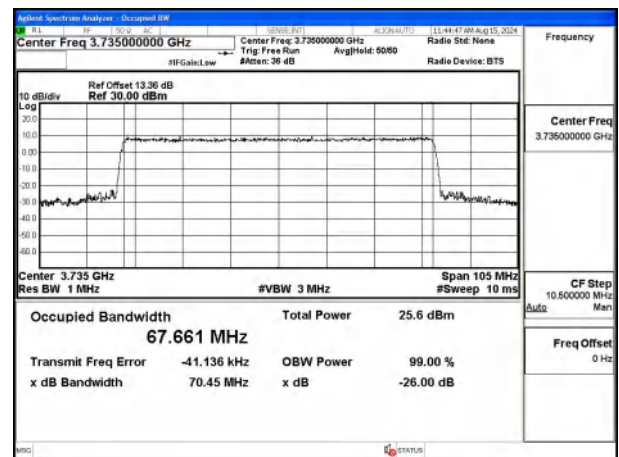


Fig.62

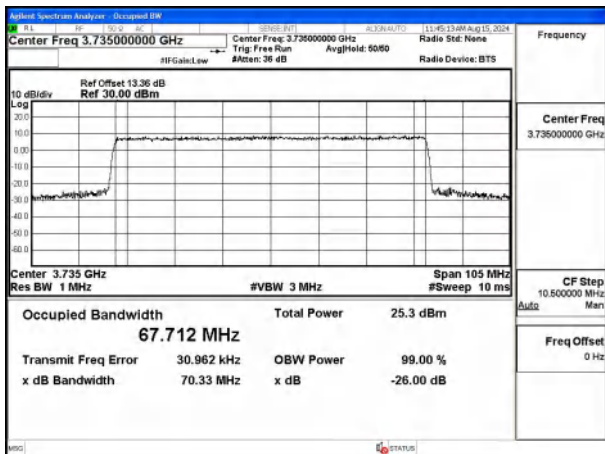


Fig.63

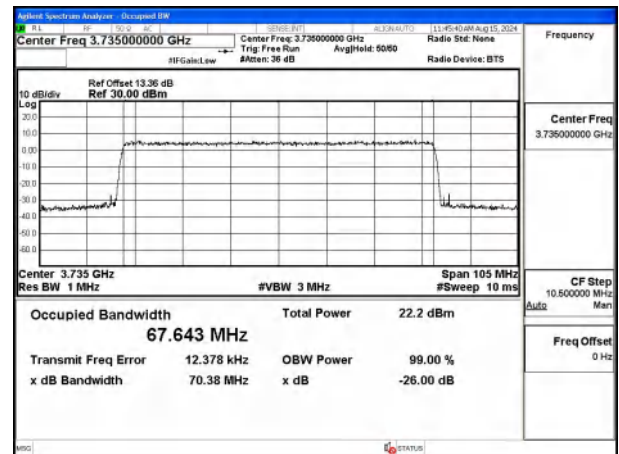


Fig.64

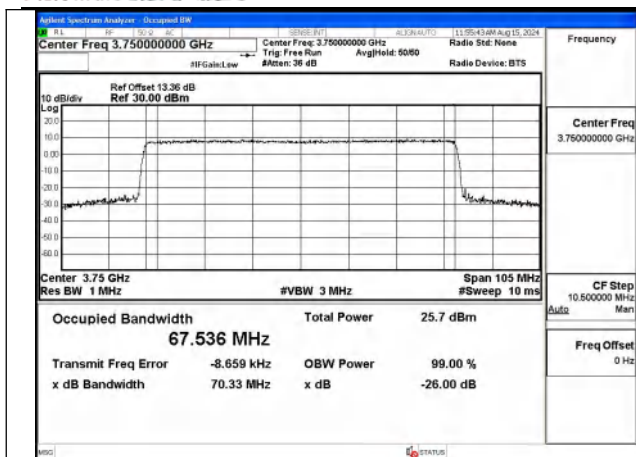


Fig.65

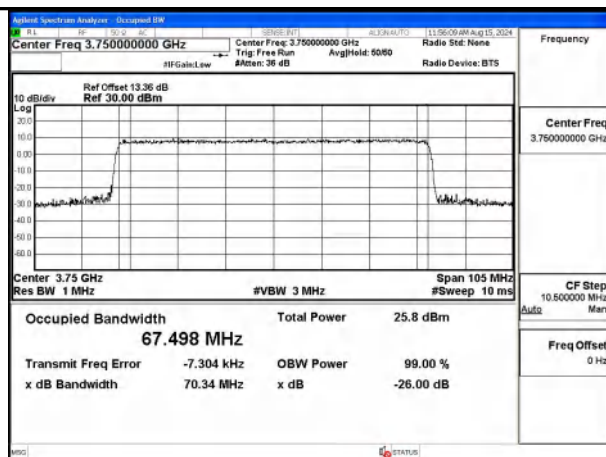


Fig.66

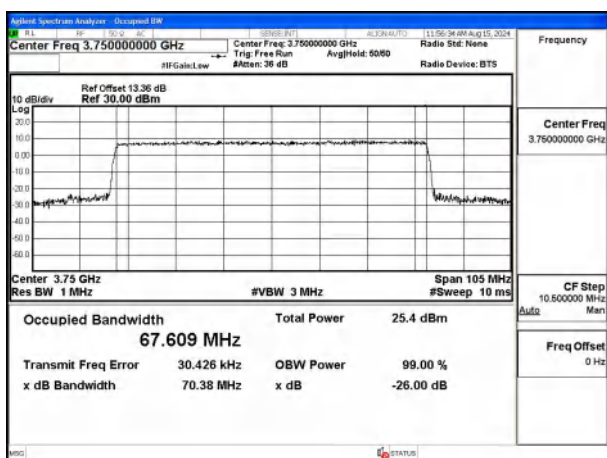


Fig.67

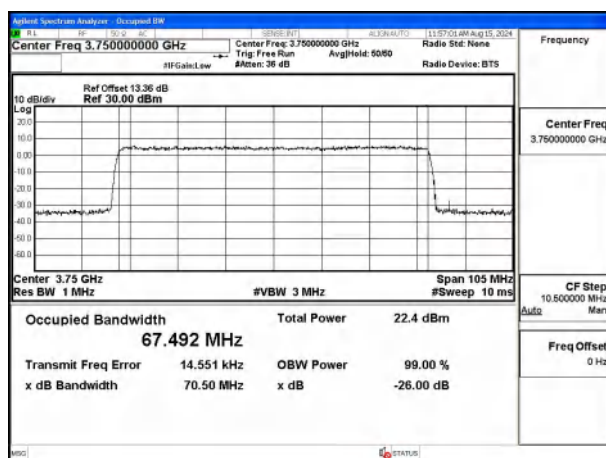


Fig.68

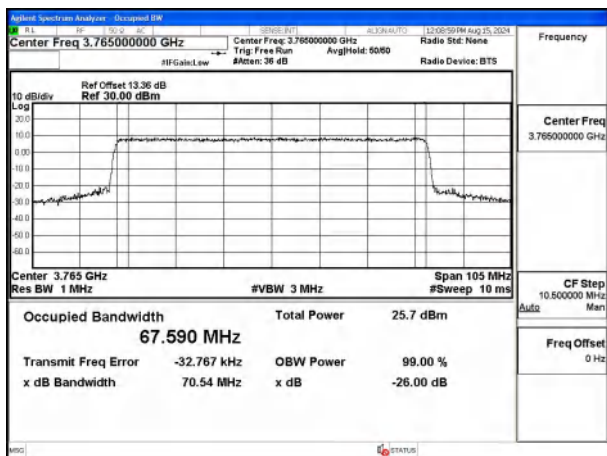


Fig.69

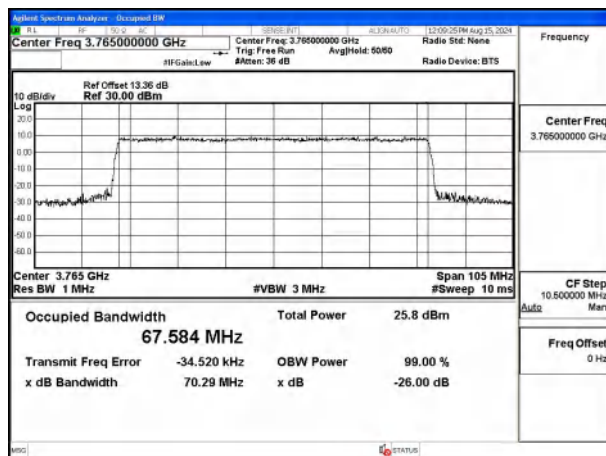


Fig.70

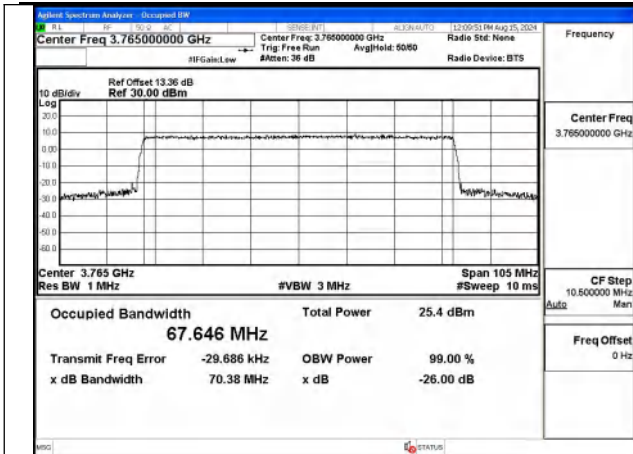


Fig.71

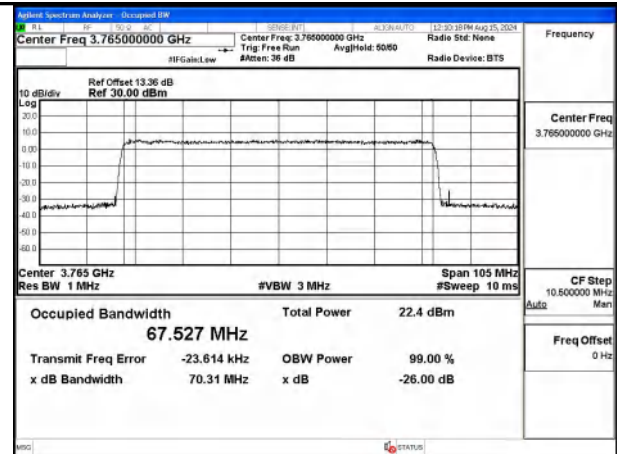


Fig.72

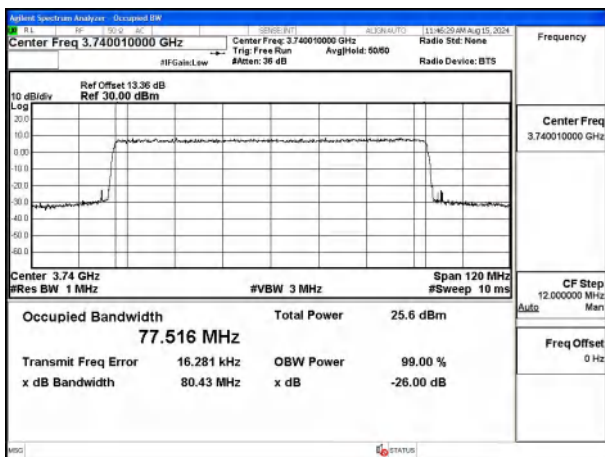


Fig.73

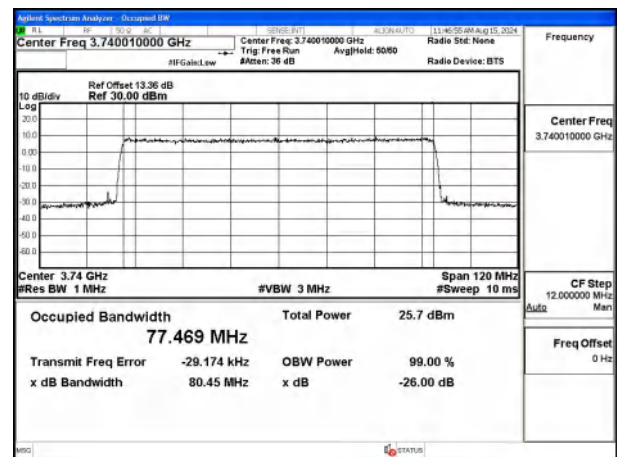


Fig.74

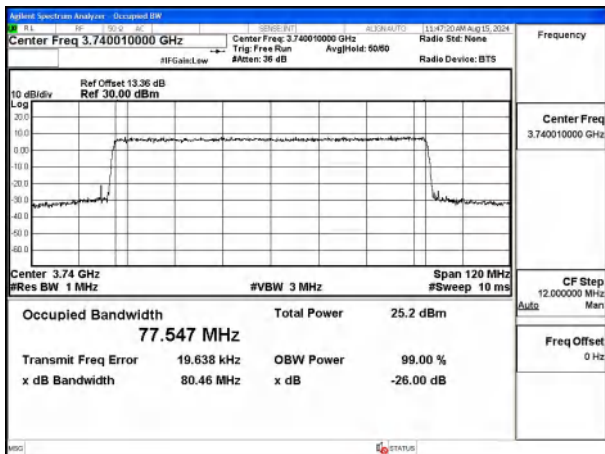


Fig.75

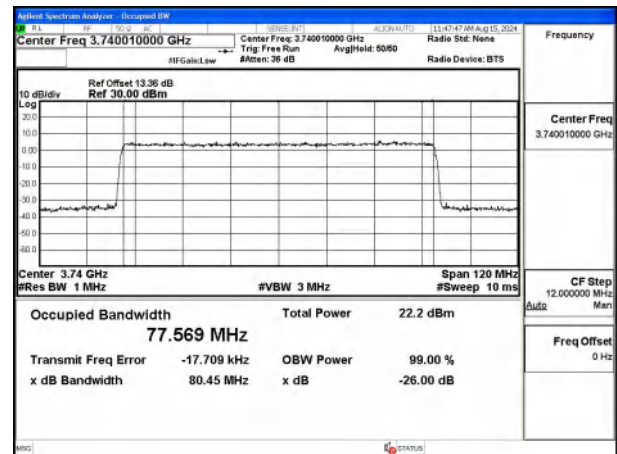


Fig.76

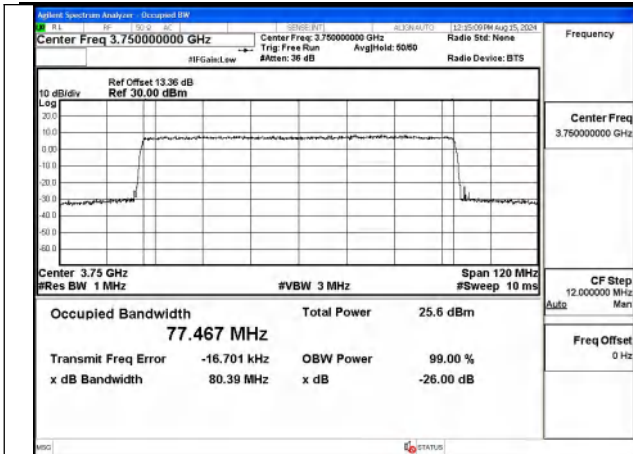


Fig.77

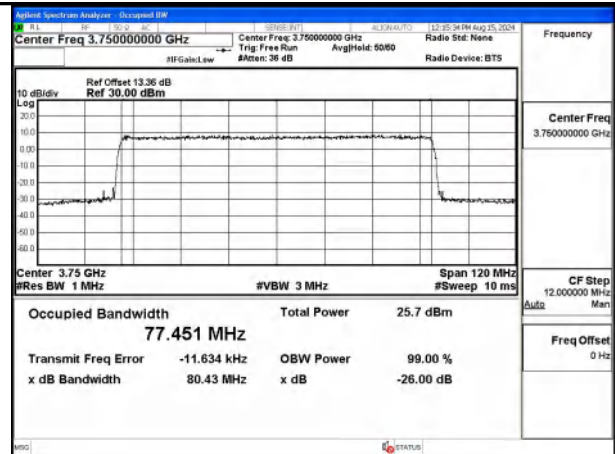


Fig.78

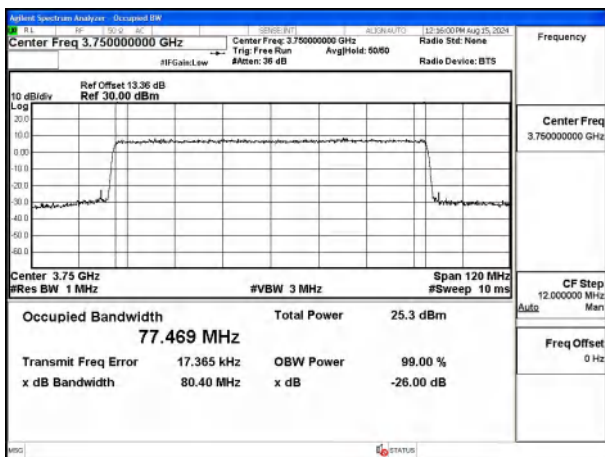


Fig.79

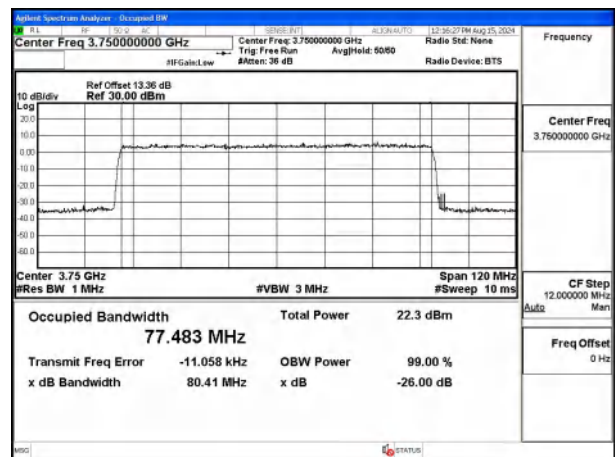


Fig.80

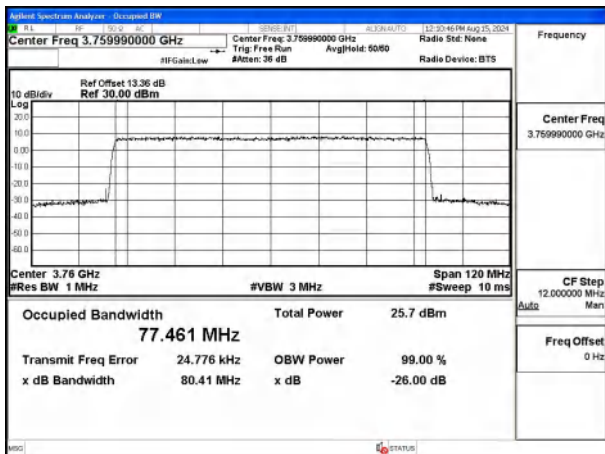


Fig.81

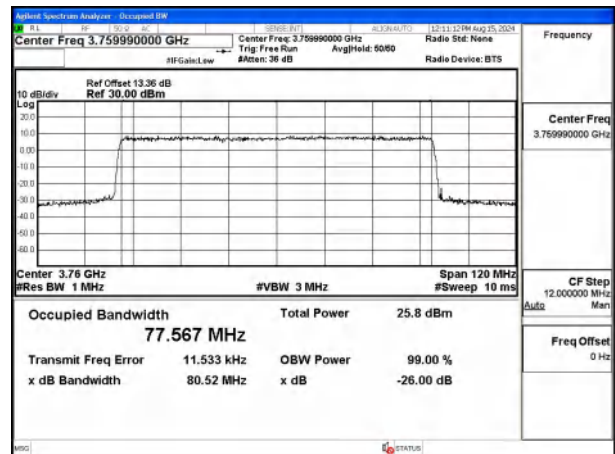


Fig.82

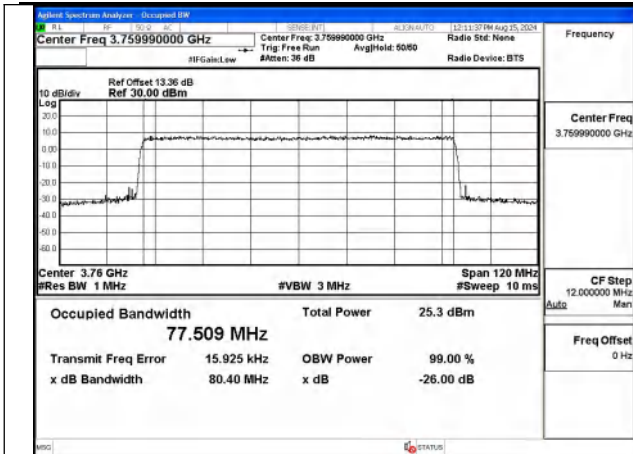


Fig.83

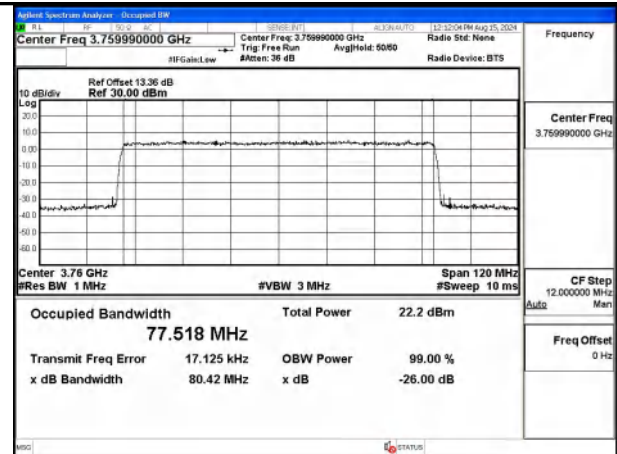


Fig.84

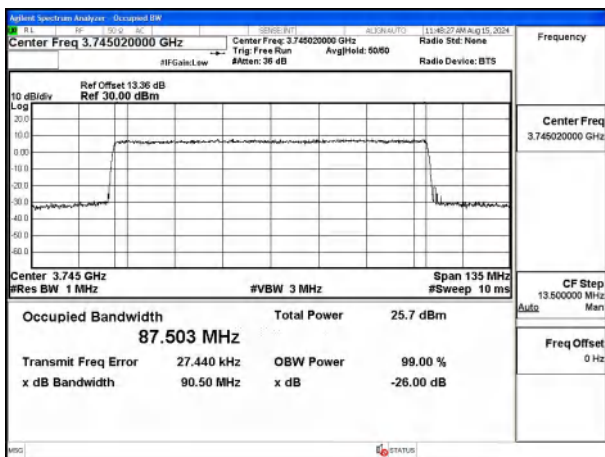


Fig.85

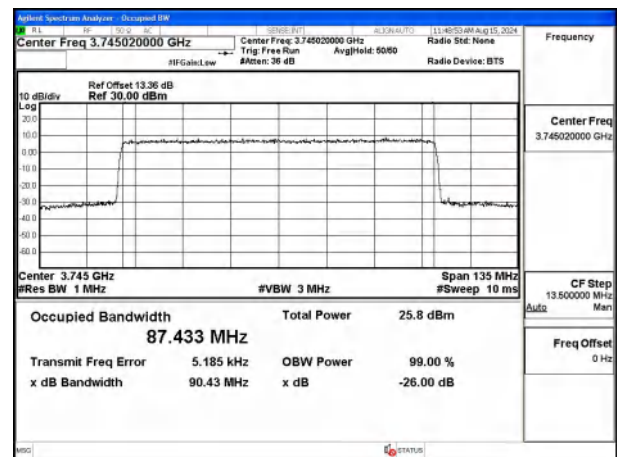


Fig.86

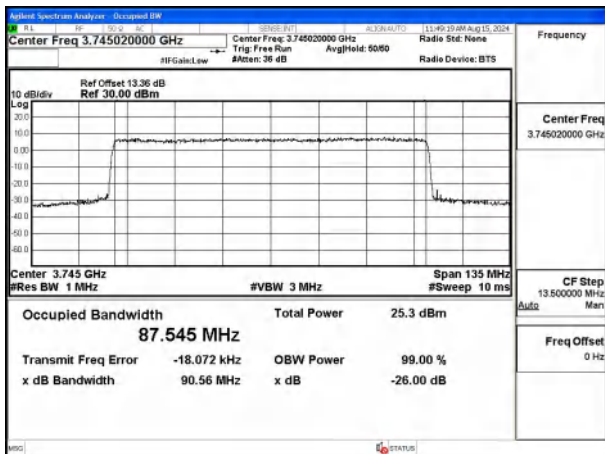


Fig.87

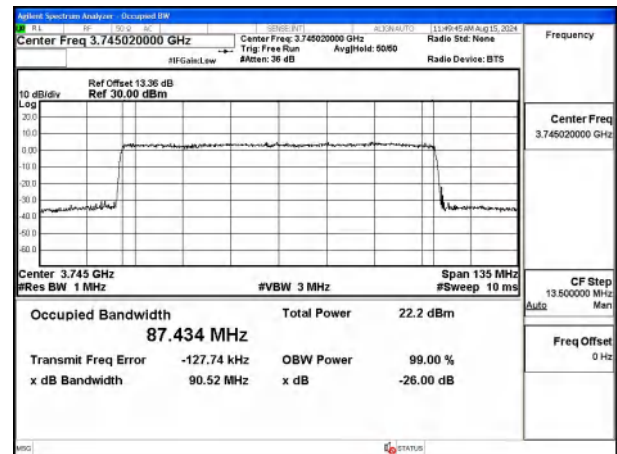


Fig.88

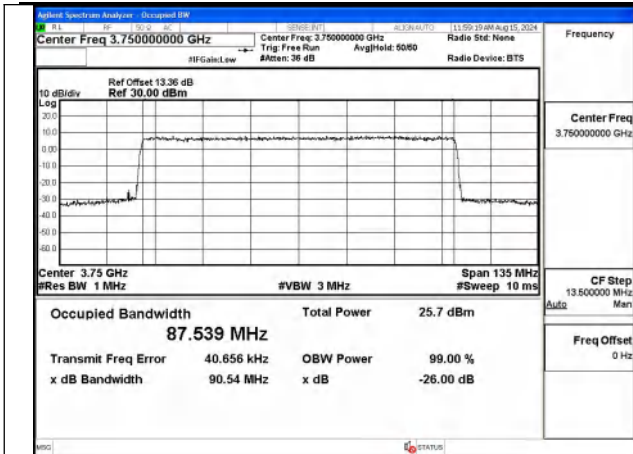


Fig.89

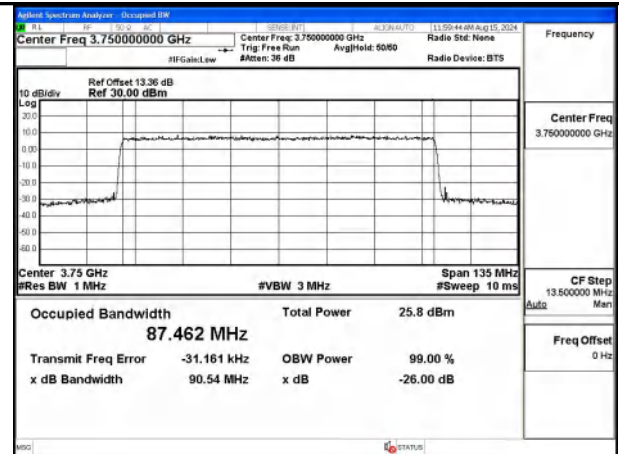


Fig.90

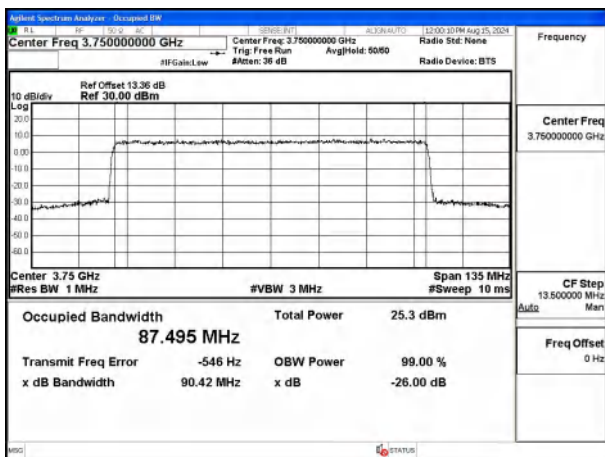


Fig.91

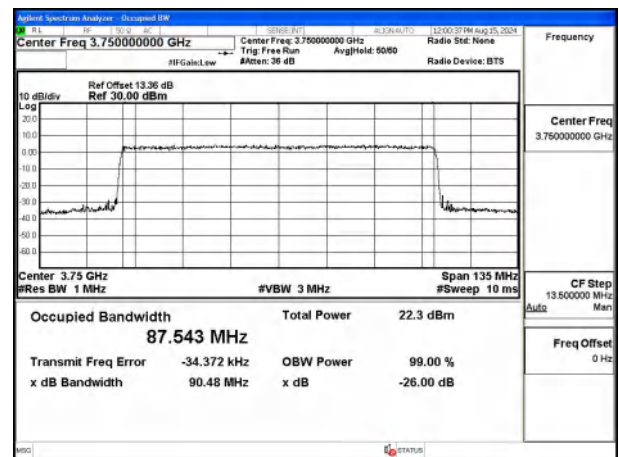


Fig.92

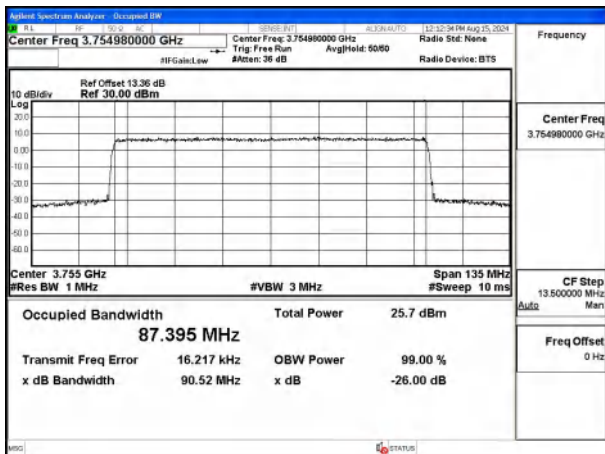


Fig.93

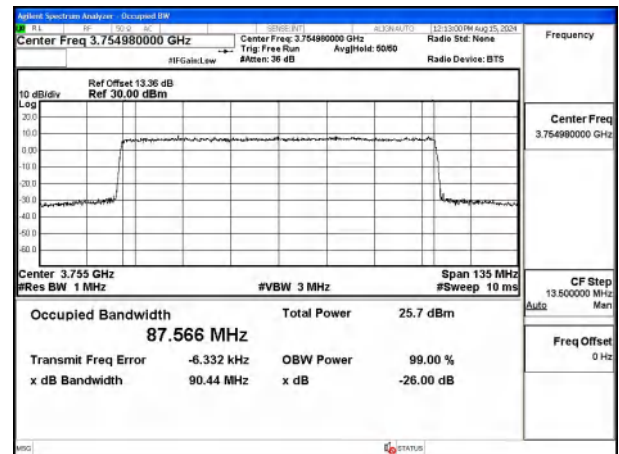


Fig.94

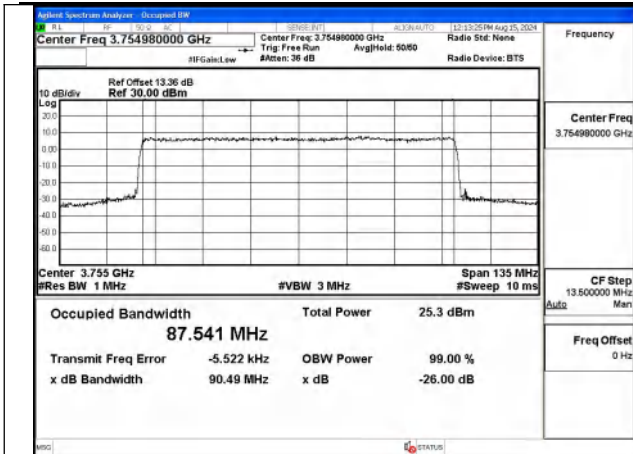


Fig.95

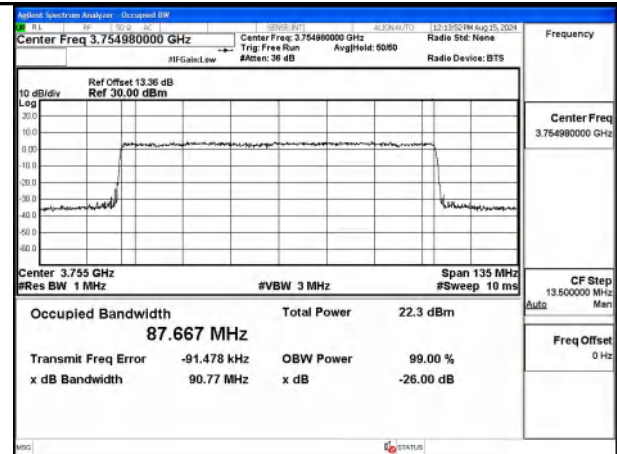


Fig.96

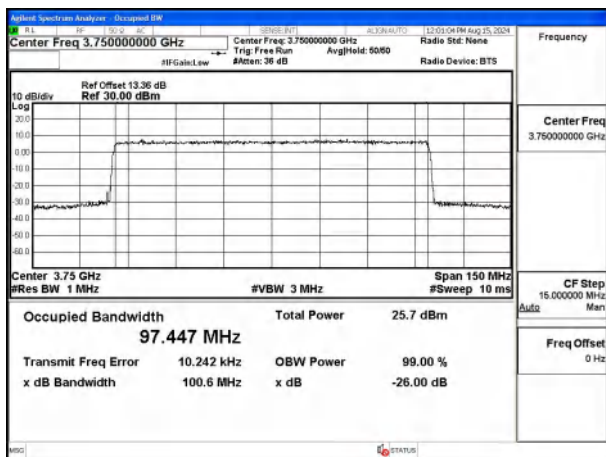


Fig.97

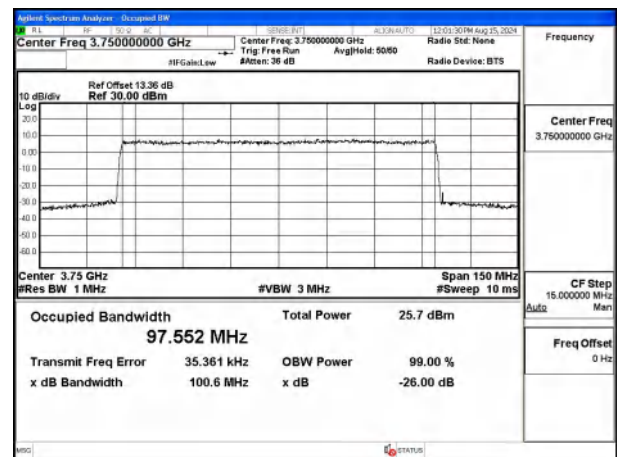


Fig.98

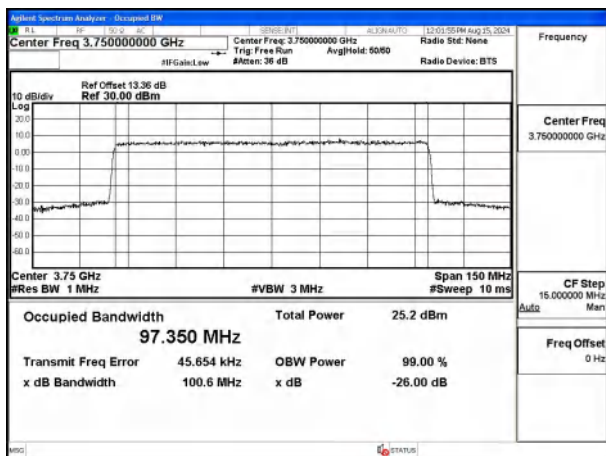


Fig.99

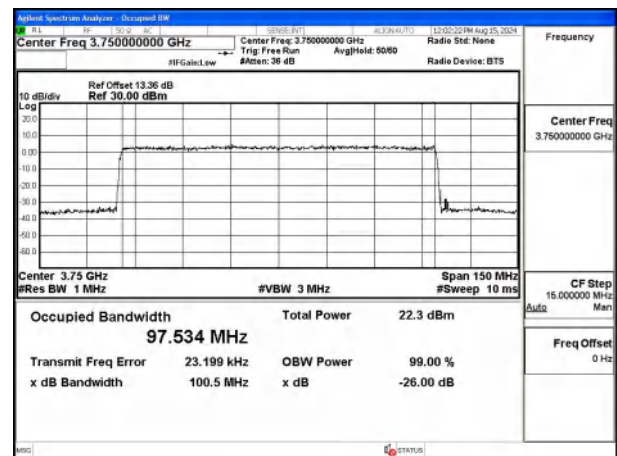


Fig.100

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	3710.01	647334	20	51	0	19.720	Fig.1
CP-OFDM 16QAM	3710.01	647334	20	51	0	19.660	Fig.2
CP-OFDM 64QAM	3710.01	647334	20	51	0	20.230	Fig.3
CP-OFDM 256QAM	3710.01	647334	20	51	0	19.420	Fig.4
CP-OFDM QPSK	3750	650000	20	51	0	19.730	Fig.5
CP-OFDM 16QAM	3750	650000	20	51	0	19.630	Fig.6
CP-OFDM 64QAM	3750	650000	20	51	0	19.990	Fig.7
CP-OFDM 256QAM	3750	650000	20	51	0	19.700	Fig.8
CP-OFDM QPSK	3789.99	652666	20	51	0	19.660	Fig.9
CP-OFDM 16QAM	3789.99	652666	20	51	0	21.860	Fig.10
CP-OFDM 64QAM	3789.99	652666	20	51	0	19.550	Fig.11
CP-OFDM 256QAM	3789.99	652666	20	51	0	19.530	Fig.12
CP-OFDM QPSK	3715.02	647668	30	78	0	29.290	Fig.13
CP-OFDM 16QAM	3715.02	647668	30	78	0	30.080	Fig.14
CP-OFDM 64QAM	3715.02	647668	30	78	0	30.650	Fig.15
CP-OFDM 256QAM	3715.02	647668	30	78	0	29.670	Fig.16
CP-OFDM QPSK	3750	650000	30	78	0	29.380	Fig.17
CP-OFDM 16QAM	3750	650000	30	78	0	29.080	Fig.18
CP-OFDM 64QAM	3750	650000	30	78	0	29.360	Fig.19
CP-OFDM 256QAM	3750	650000	30	78	0	29.430	Fig.20
CP-OFDM QPSK	3784.98	652332	30	78	0	29.640	Fig.21
CP-OFDM 16QAM	3784.98	652332	30	78	0	29.850	Fig.22
CP-OFDM 64QAM	3784.98	652332	30	78	0	30.320	Fig.23
CP-OFDM 256QAM	3784.98	652332	30	78	0	29.660	Fig.24
CP-OFDM QPSK	3720	648000	40	106	0	40.590	Fig.25
CP-OFDM 16QAM	3720	648000	40	106	0	40.410	Fig.26
CP-OFDM 64QAM	3720	648000	40	106	0	40.480	Fig.27
CP-OFDM 256QAM	3720	648000	40	106	0	40.590	Fig.28
CP-OFDM QPSK	3750	650000	40	106	0	40.700	Fig.29
CP-OFDM 16QAM	3750	650000	40	106	0	40.520	Fig.30
CP-OFDM 64QAM	3750	650000	40	106	0	40.530	Fig.31
CP-OFDM 256QAM	3750	650000	40	106	0	40.530	Fig.32
CP-OFDM QPSK	3780	652000	40	106	0	40.470	Fig.33
CP-OFDM 16QAM	3780	652000	40	106	0	40.440	Fig.34
CP-OFDM 64QAM	3780	652000	40	106	0	40.430	Fig.35
CP-OFDM 256QAM	3780	652000	40	106	0	40.610	Fig.36
CP-OFDM QPSK	3725.01	648334	50	133	0	50.140	Fig.37
CP-OFDM 16QAM	3725.01	648334	50	133	0	50.140	Fig.38
CP-OFDM 64QAM	3725.01	648334	50	133	0	50.170	Fig.39
CP-OFDM 256QAM	3725.01	648334	50	133	0	50.200	Fig.40
CP-OFDM QPSK	3750	650000	50	133	0	50.320	Fig.41
CP-OFDM 16QAM	3750	650000	50	133	0	50.190	Fig.42
CP-OFDM 64QAM	3750	650000	50	133	0	50.860	Fig.43

CP-OFDM 256QAM	3750	650000	50	133	0	50.310	Fig.44
CP-OFDM QPSK	3774.99	651666	50	133	0	51.410	Fig.45
CP-OFDM 16QAM	3774.99	651666	50	133	0	50.140	Fig.46
CP-OFDM 64QAM	3774.99	651666	50	133	0	50.350	Fig.47
CP-OFDM 256QAM	3774.99	651666	50	133	0	50.350	Fig.48
CP-OFDM QPSK	3730.02	648668	60	162	0	60.630	Fig.49
CP-OFDM 16QAM	3730.02	648668	60	162	0	60.700	Fig.50
CP-OFDM 64QAM	3730.02	648668	60	162	0	60.700	Fig.51
CP-OFDM 256QAM	3730.02	648668	60	162	0	60.630	Fig.52
CP-OFDM QPSK	3750	650000	60	162	0	60.640	Fig.53
CP-OFDM 16QAM	3750	650000	60	162	0	60.570	Fig.54
CP-OFDM 64QAM	3750	650000	60	162	0	60.630	Fig.55
CP-OFDM 256QAM	3750	650000	60	162	0	60.650	Fig.56
CP-OFDM QPSK	3769.98	651332	60	162	0	60.620	Fig.57
CP-OFDM 16QAM	3769.98	651332	60	162	0	60.700	Fig.58
CP-OFDM 64QAM	3769.98	651332	60	162	0	60.640	Fig.59
CP-OFDM 256QAM	3769.98	651332	60	162	0	60.620	Fig.60
CP-OFDM QPSK	3735	649000	70	189	0	70.420	Fig.61
CP-OFDM 16QAM	3735	649000	70	189	0	70.450	Fig.62
CP-OFDM 64QAM	3735	649000	70	189	0	70.330	Fig.63
CP-OFDM 256QAM	3735	649000	70	189	0	70.380	Fig.64
CP-OFDM QPSK	3750	650000	70	189	0	70.330	Fig.65
CP-OFDM 16QAM	3750	650000	70	189	0	70.340	Fig.66
CP-OFDM 64QAM	3750	650000	70	189	0	70.380	Fig.67
CP-OFDM 256QAM	3750	650000	70	189	0	70.500	Fig.68
CP-OFDM QPSK	3765	651000	70	189	0	70.540	Fig.69
CP-OFDM 16QAM	3765	651000	70	189	0	70.290	Fig.70
CP-OFDM 64QAM	3765	651000	70	189	0	70.380	Fig.71
CP-OFDM 256QAM	3765	651000	70	189	0	70.310	Fig.72
CP-OFDM QPSK	3740.01	649334	80	217	0	80.430	Fig.73
CP-OFDM 16QAM	3740.01	649334	80	217	0	80.450	Fig.74
CP-OFDM 64QAM	3740.01	649334	80	217	0	80.460	Fig.75
CP-OFDM 256QAM	3740.01	649334	80	217	0	80.450	Fig.76
CP-OFDM QPSK	3750	650000	80	217	0	80.390	Fig.77
CP-OFDM 16QAM	3750	650000	80	217	0	80.430	Fig.78
CP-OFDM 64QAM	3750	650000	80	217	0	80.400	Fig.79
CP-OFDM 256QAM	3750	650000	80	217	0	80.410	Fig.80
CP-OFDM QPSK	3759.99	650666	80	217	0	80.410	Fig.81
CP-OFDM 16QAM	3759.99	650666	80	217	0	80.520	Fig.82
CP-OFDM 64QAM	3759.99	650666	80	217	0	80.400	Fig.83
CP-OFDM 256QAM	3759.99	650666	80	217	0	80.420	Fig.84
CP-OFDM QPSK	3745.02	649668	90	245	0	90.500	Fig.85
CP-OFDM 16QAM	3745.02	649668	90	245	0	90.430	Fig.86
CP-OFDM 64QAM	3745.02	649668	90	245	0	90.560	Fig.87
CP-OFDM 256QAM	3745.02	649668	90	245	0	90.520	Fig.88
CP-OFDM QPSK	3750	650000	90	245	0	90.540	Fig.89

CP-OFDM 16QAM	3750	650000	90	245	0	90.540	Fig.90
CP-OFDM 64QAM	3750	650000	90	245	0	90.420	Fig.91
CP-OFDM 256QAM	3750	650000	90	245	0	90.480	Fig.92
CP-OFDM QPSK	3754.98	650332	90	245	0	90.520	Fig.93
CP-OFDM 16QAM	3754.98	650332	90	245	0	90.440	Fig.94
CP-OFDM 64QAM	3754.98	650332	90	245	0	90.490	Fig.95
CP-OFDM 256QAM	3754.98	650332	90	245	0	90.770	Fig.96
CP-OFDM QPSK	3750	650000	100	273	0	100.630	Fig.97
CP-OFDM 16QAM	3750	650000	100	273	0	100.560	Fig.98
CP-OFDM 64QAM	3750	650000	100	273	0	100.560	Fig.99
CP-OFDM 256QAM	3750	650000	100	273	0	100.520	Fig.100

Test Plot:

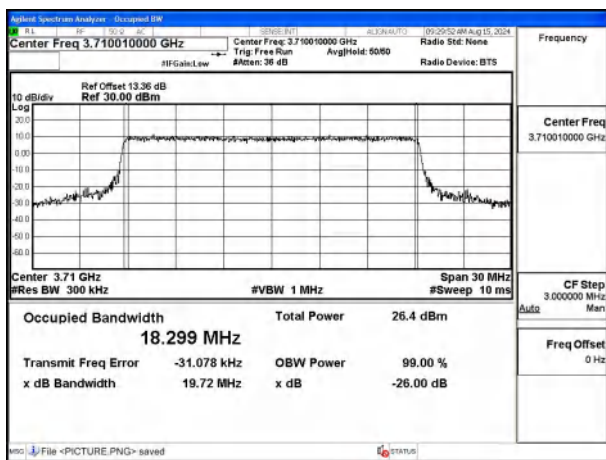


Fig.1

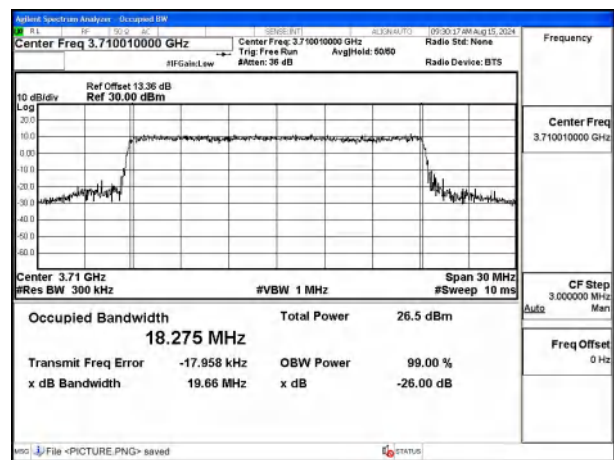


Fig.2

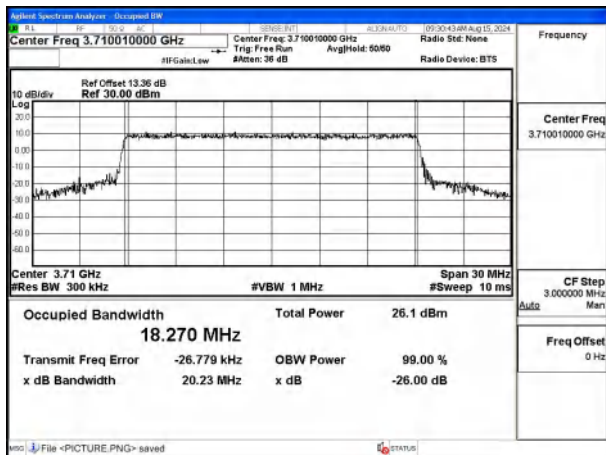


Fig.3

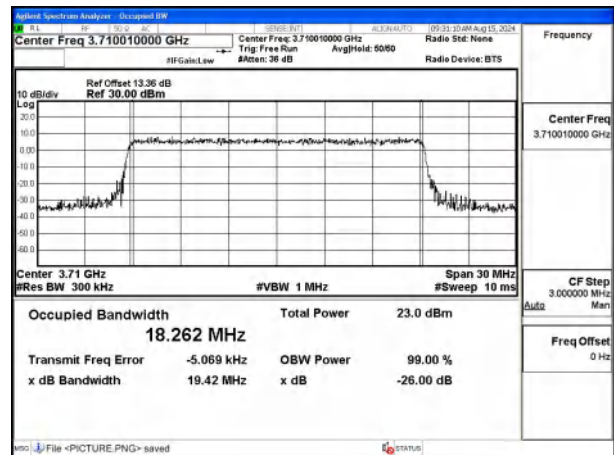


Fig.4

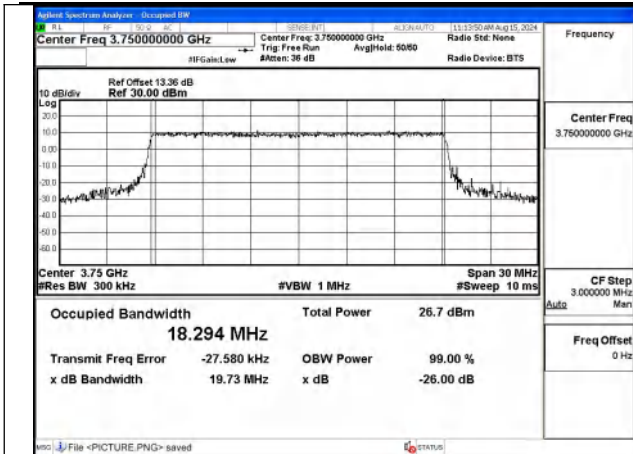


Fig.5

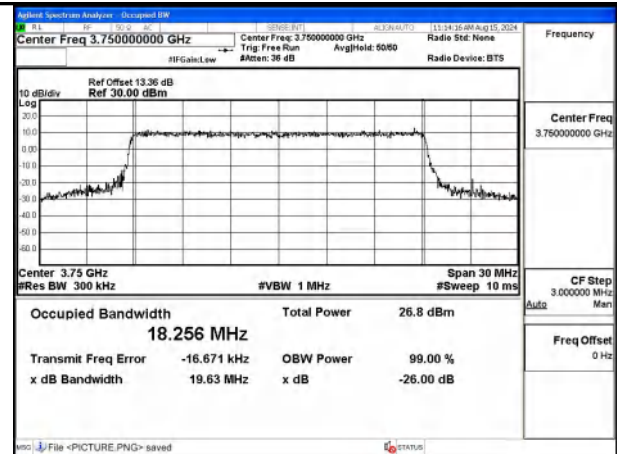


Fig.6

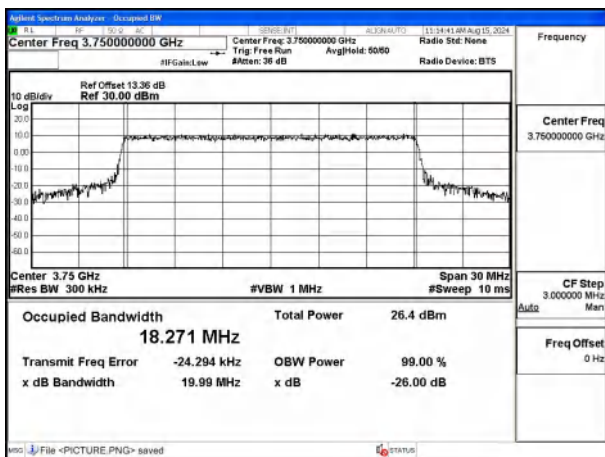


Fig.7

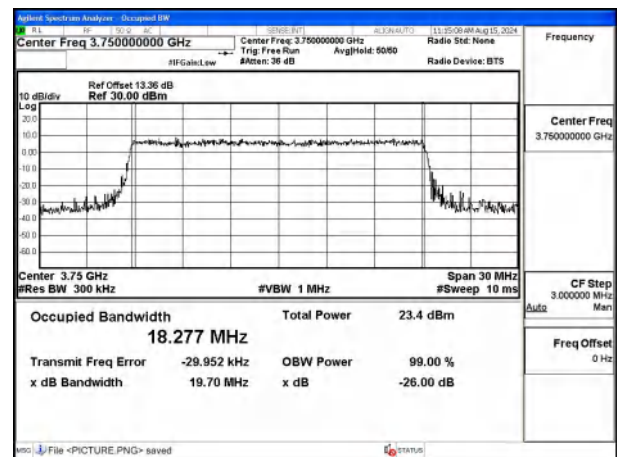


Fig.8

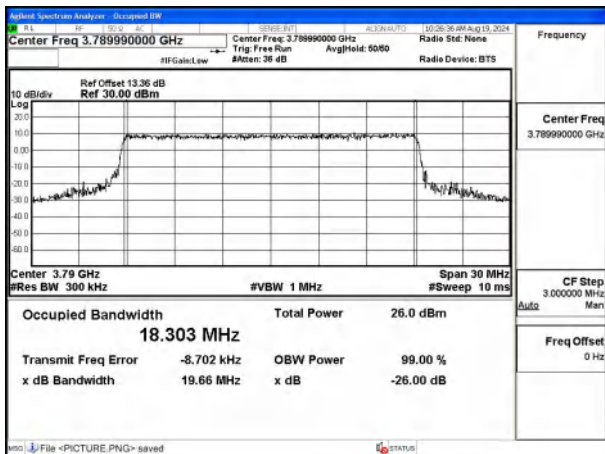


Fig.9

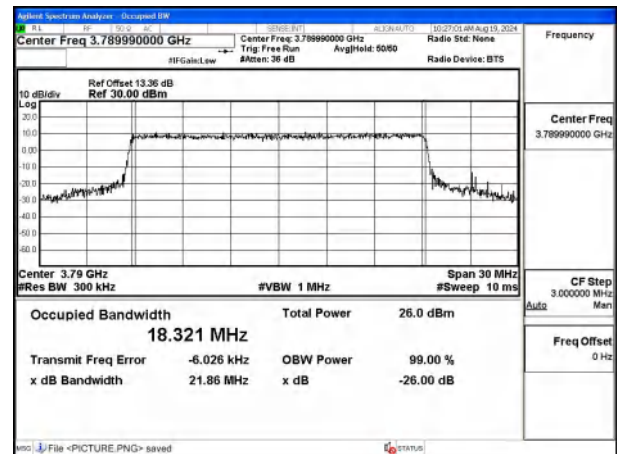


Fig.10

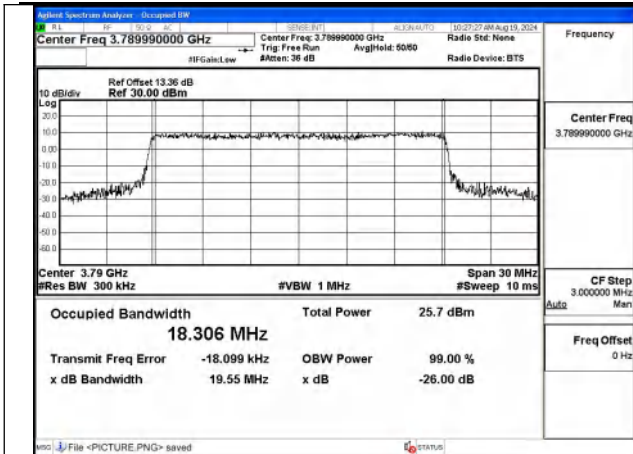


Fig.11

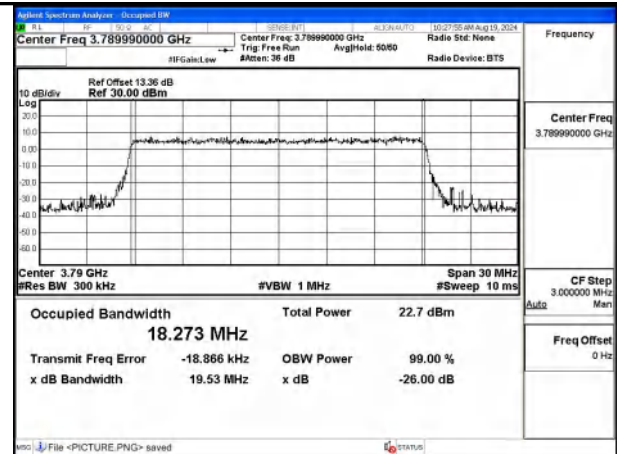


Fig.12

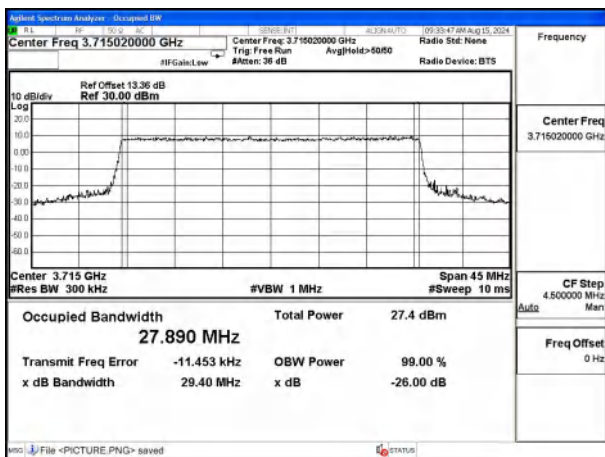


Fig.13

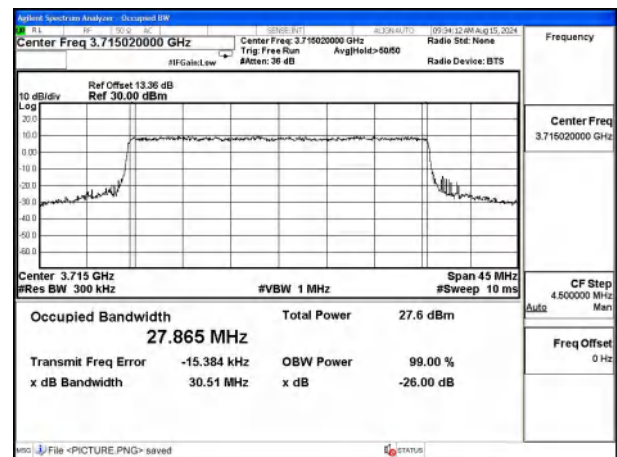


Fig.14

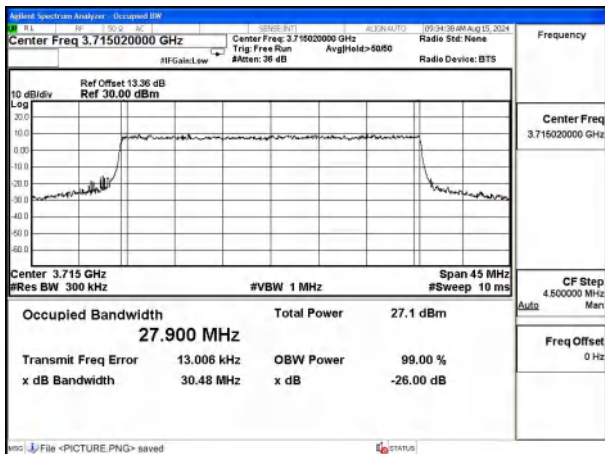


Fig.15

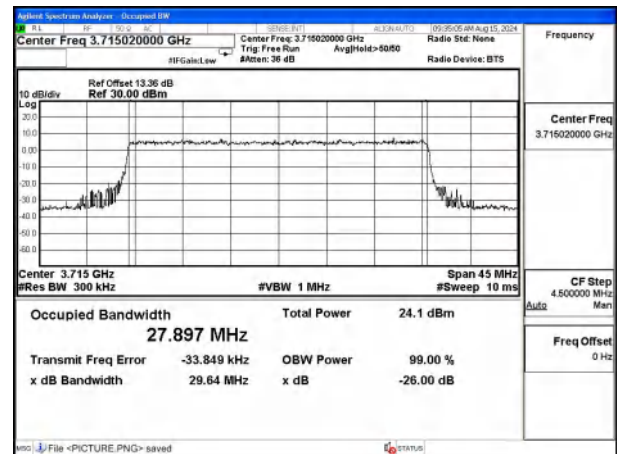


Fig.16

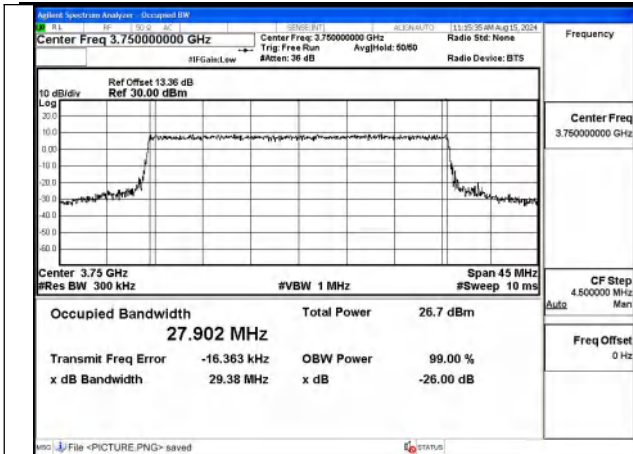


Fig.17

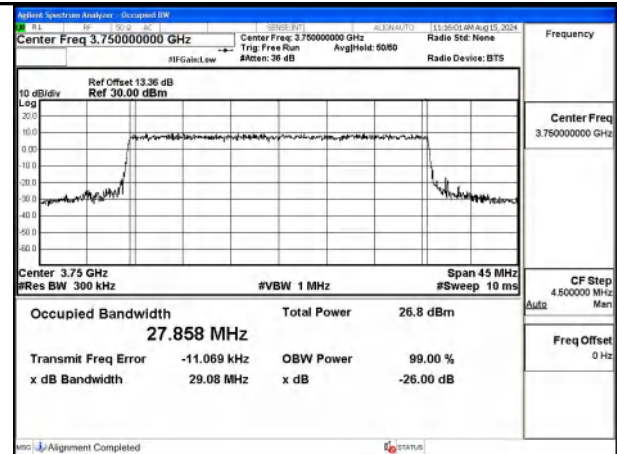


Fig.18

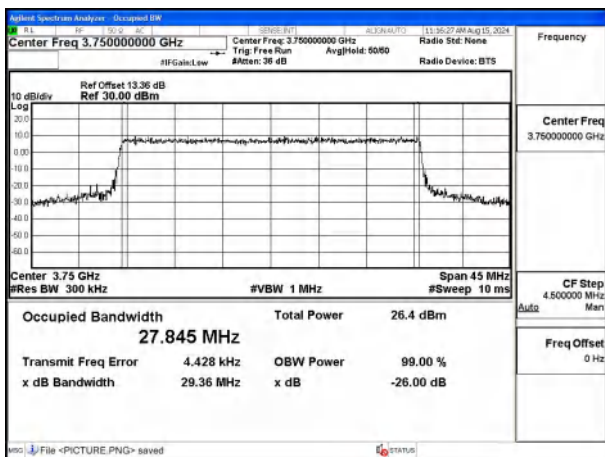


Fig.19

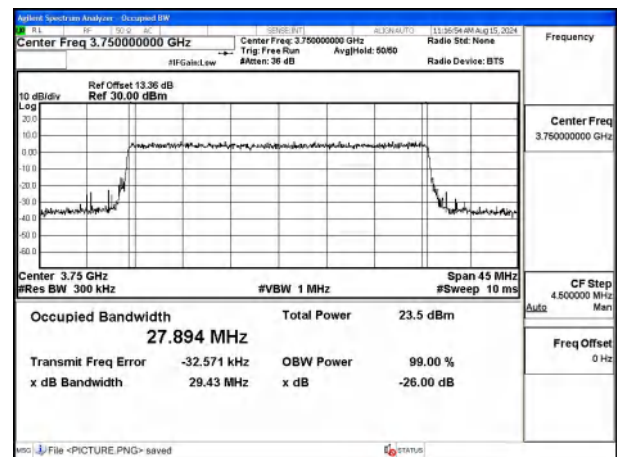


Fig.20

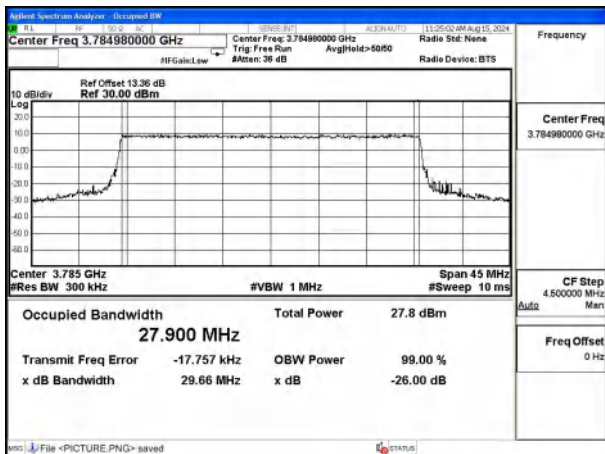


Fig.21

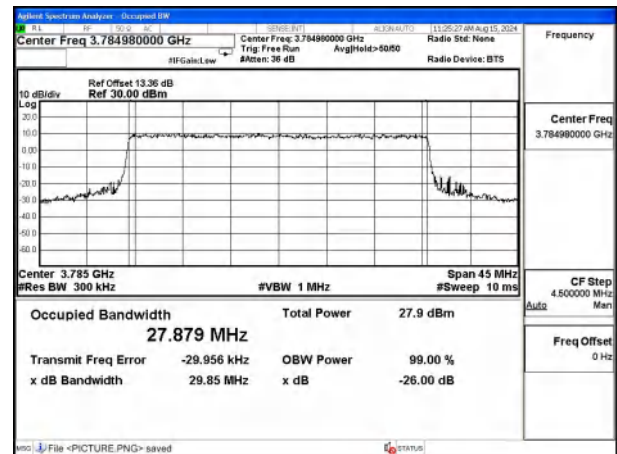


Fig.22

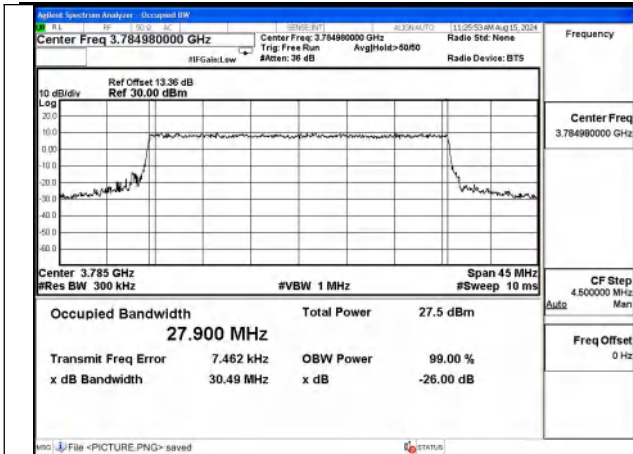


Fig.23

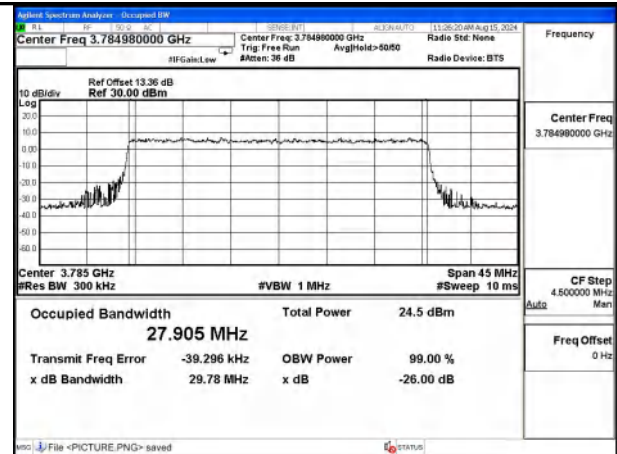


Fig.24

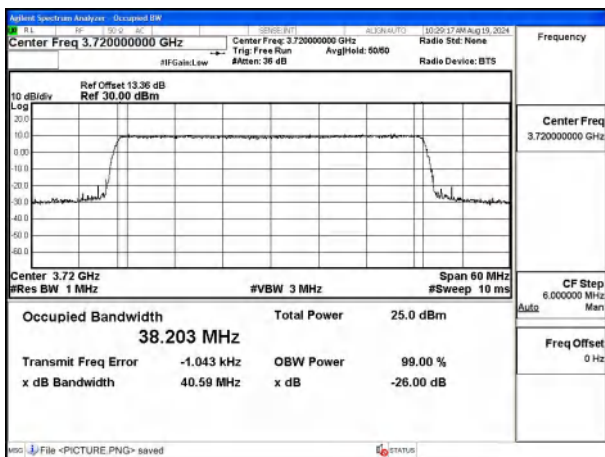


Fig.25

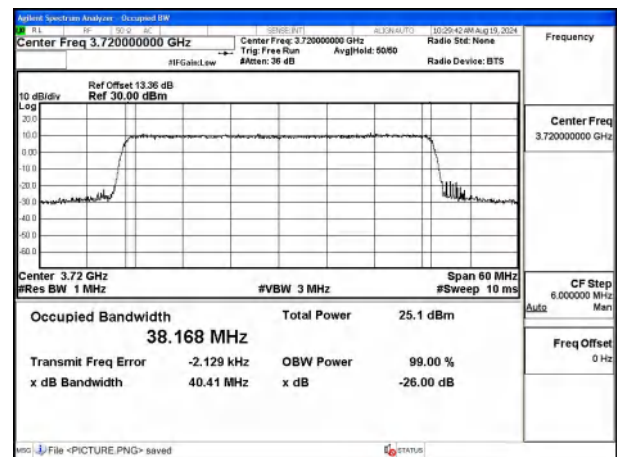


Fig.26

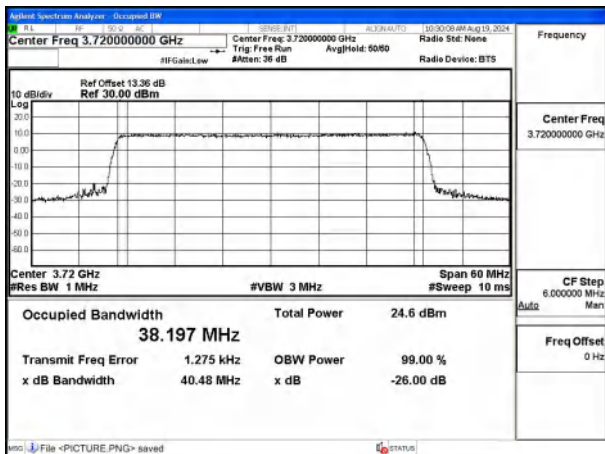


Fig.27

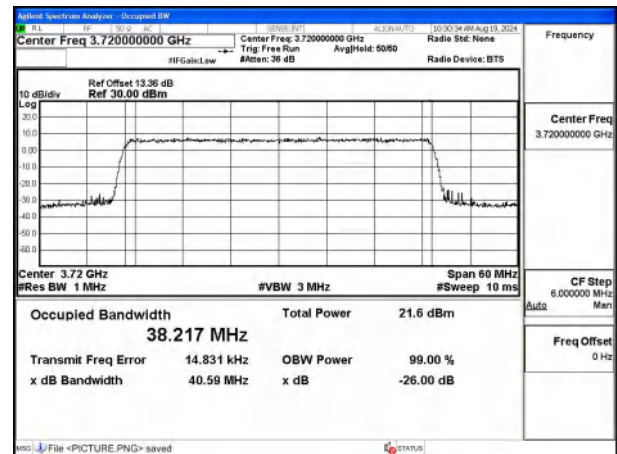


Fig.28

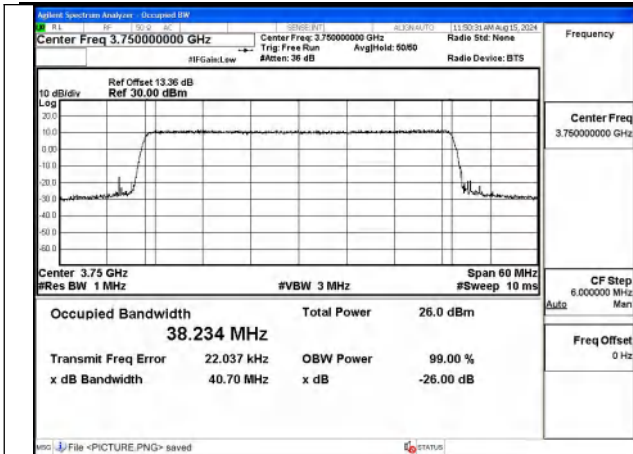


Fig.29

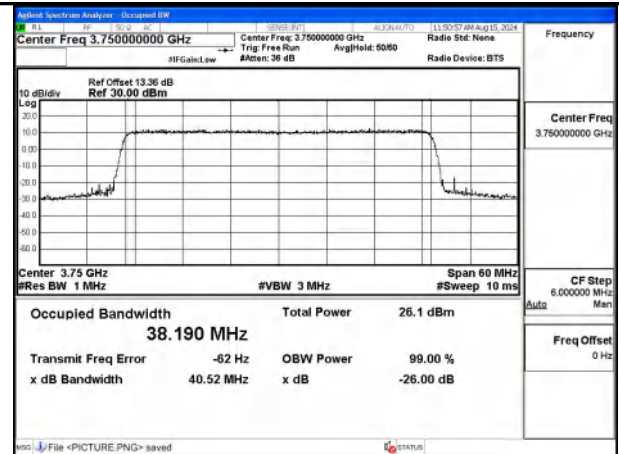


Fig.30

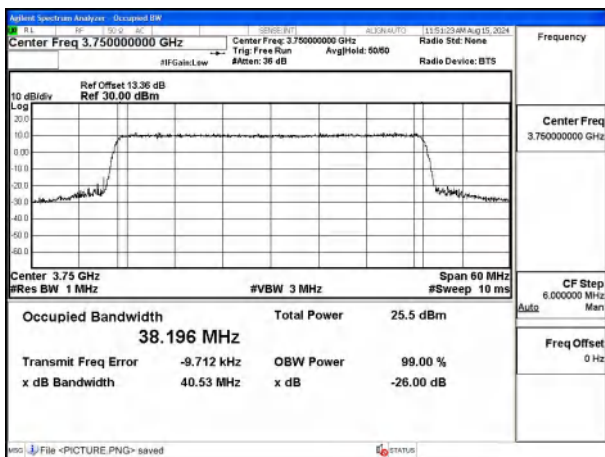


Fig.31

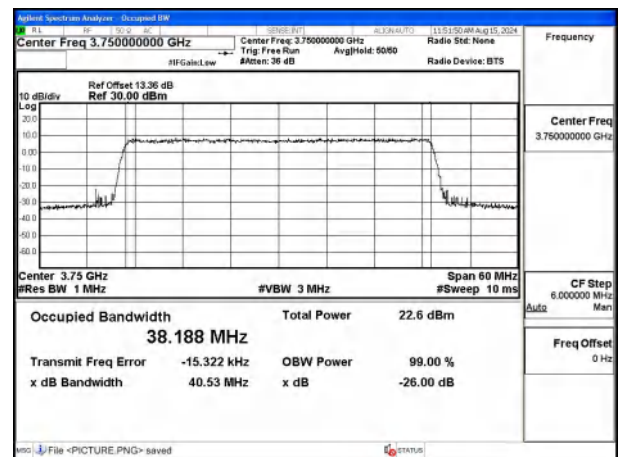


Fig.32

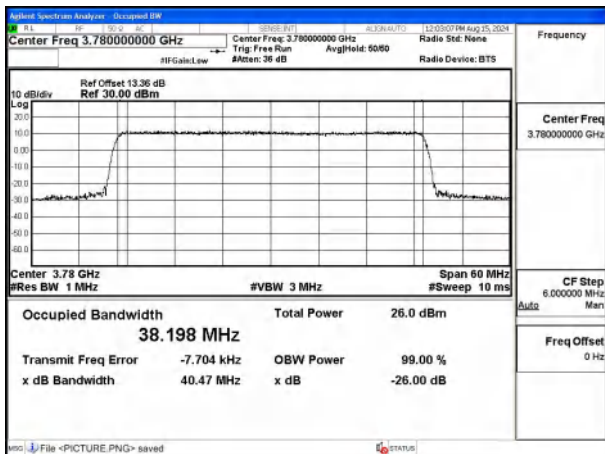


Fig.33

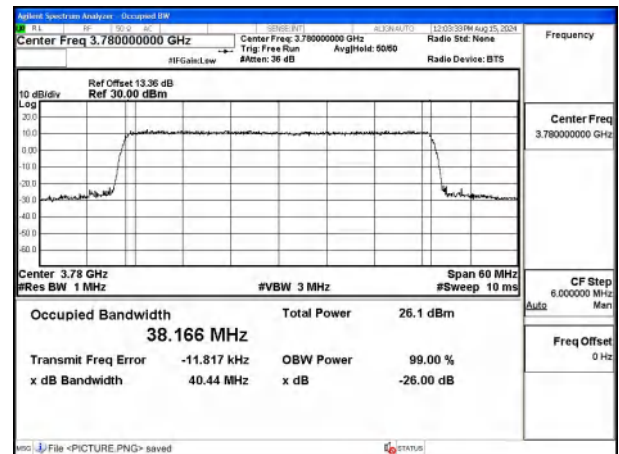


Fig.34

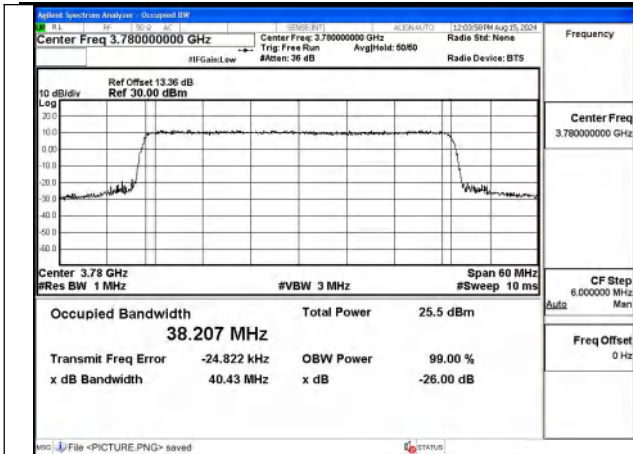


Fig.35

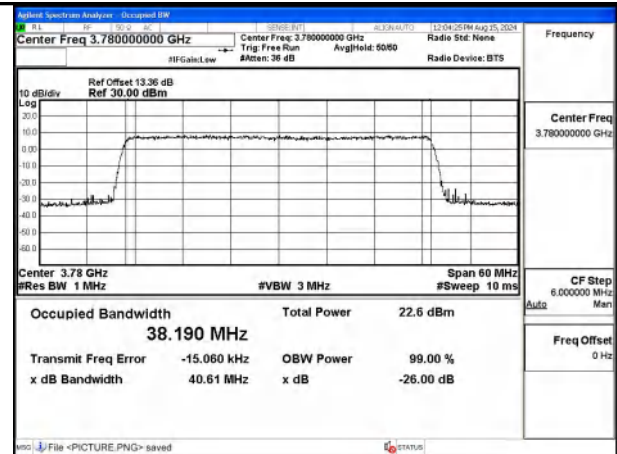


Fig.36

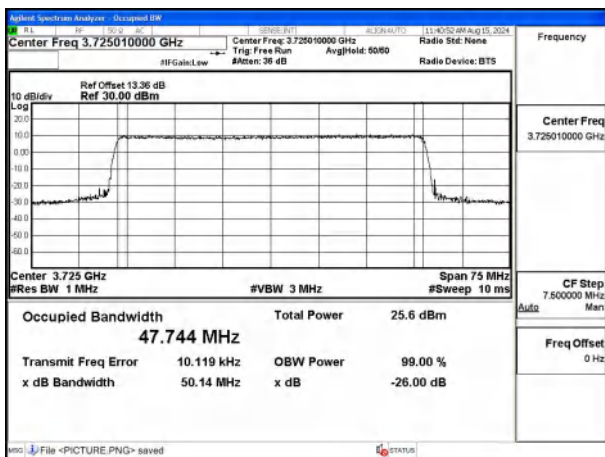


Fig.37

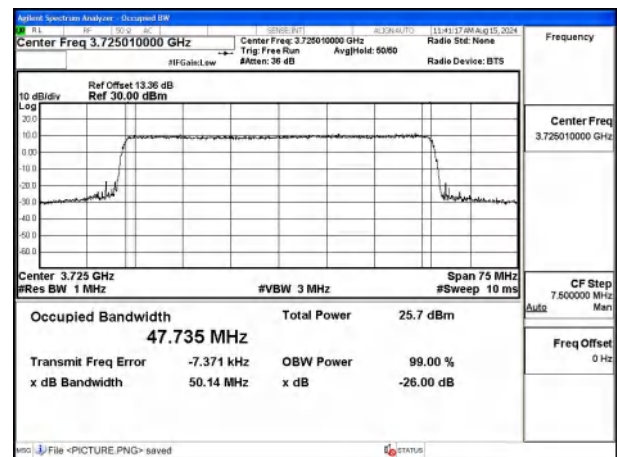


Fig.38

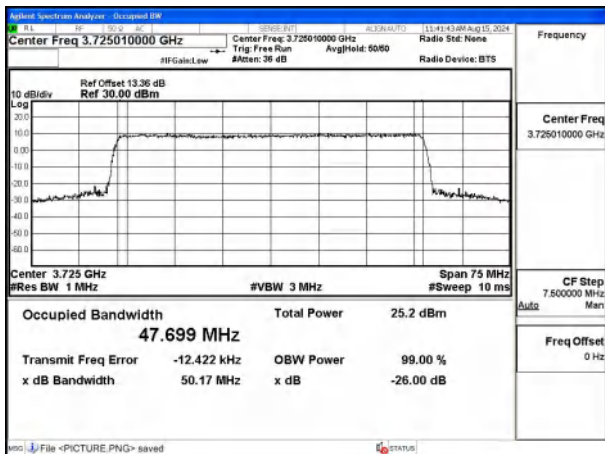


Fig.39

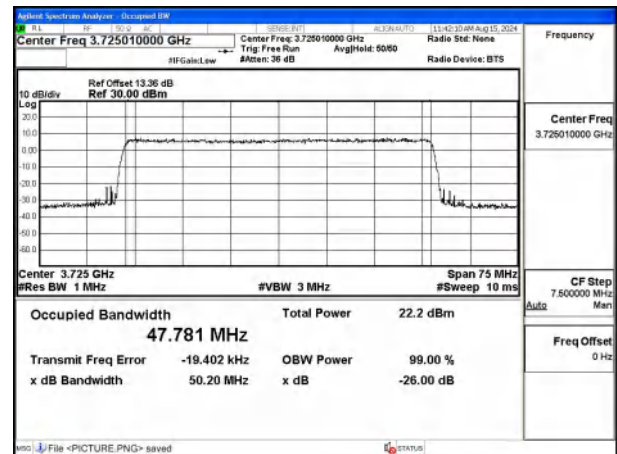


Fig.40

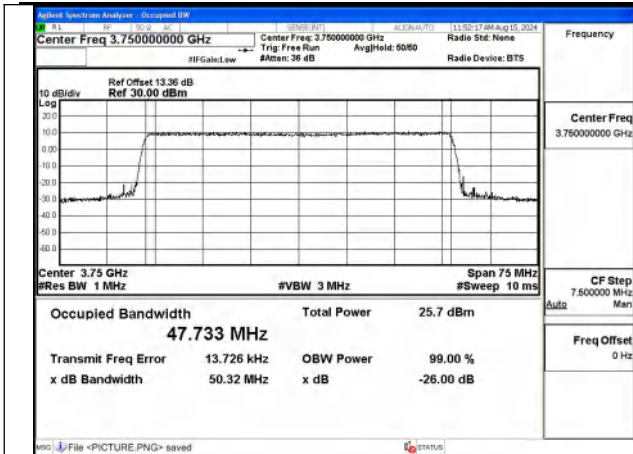


Fig.41

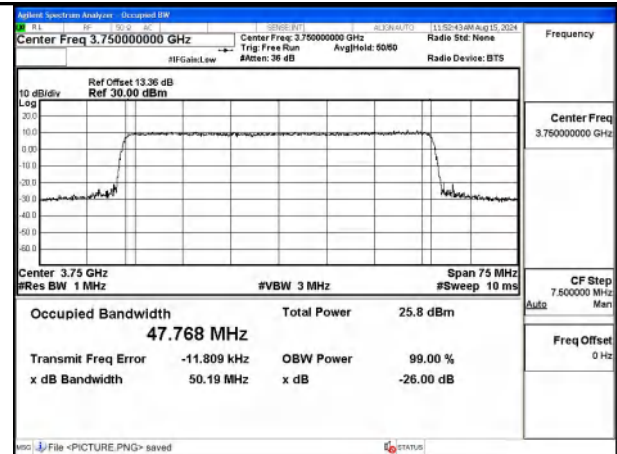


Fig.42

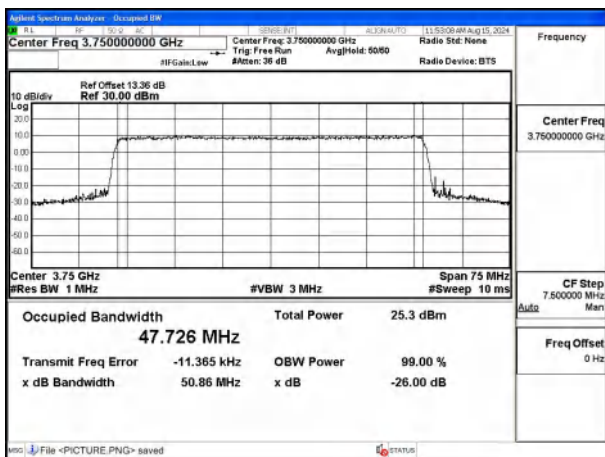


Fig.43

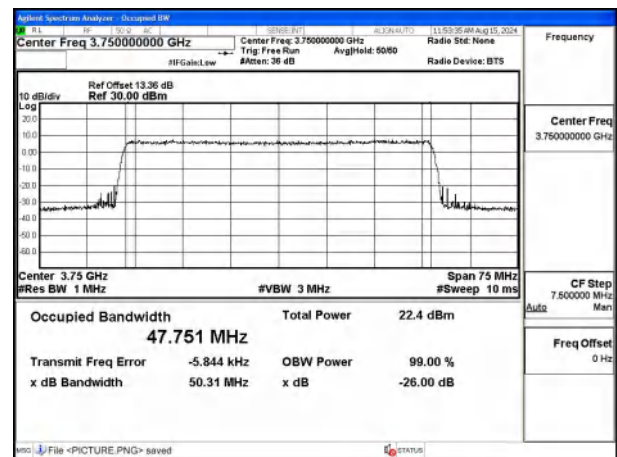


Fig.44

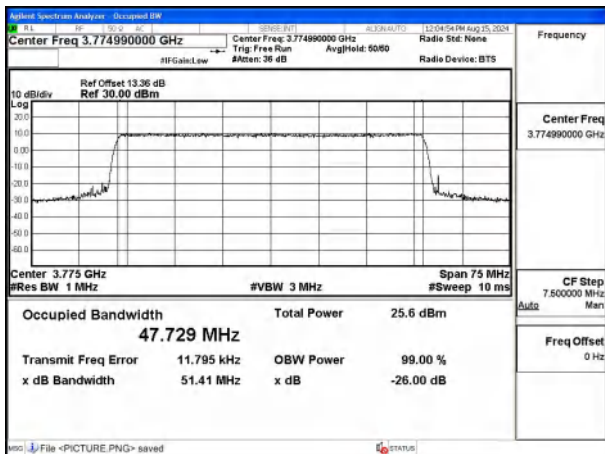


Fig.45

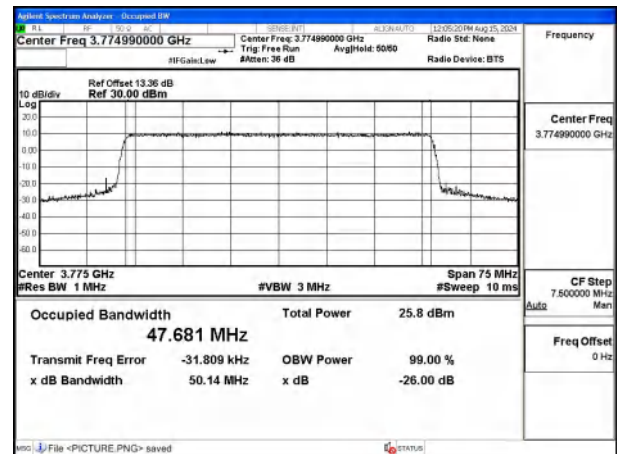


Fig.46

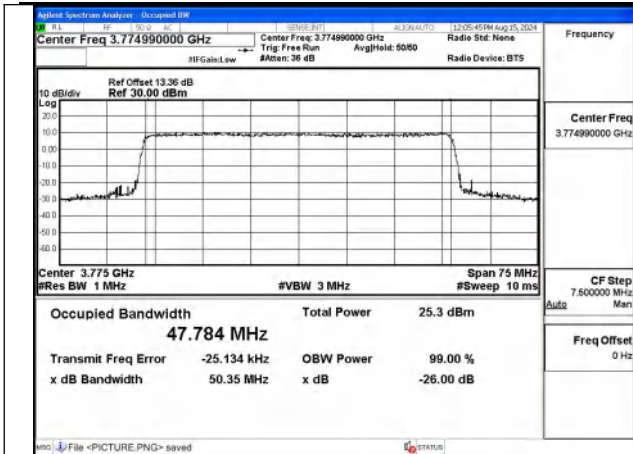


Fig.47

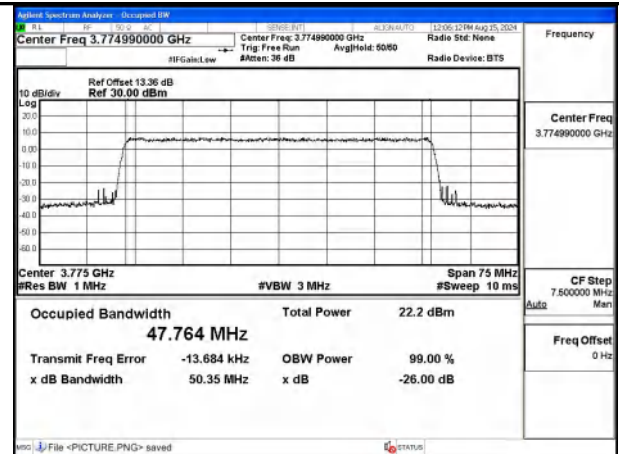


Fig.48

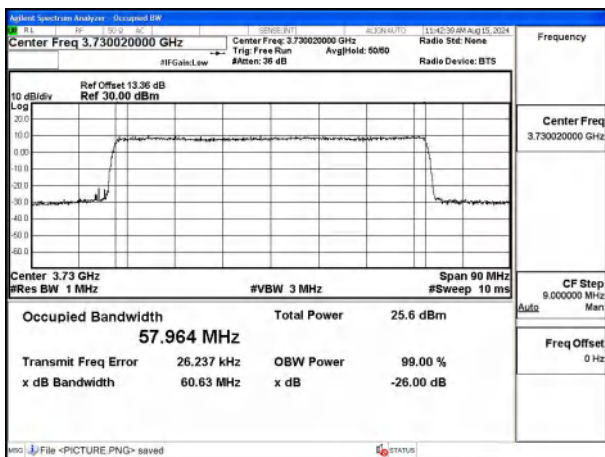


Fig.49

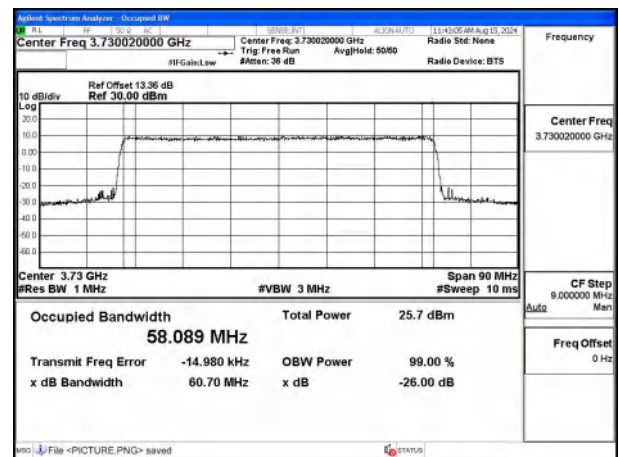


Fig.50

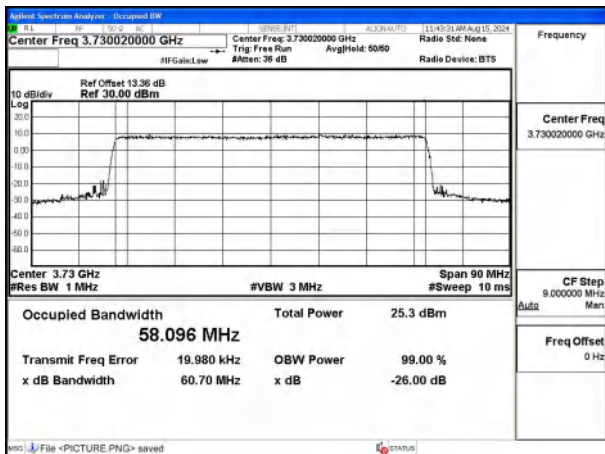


Fig.51

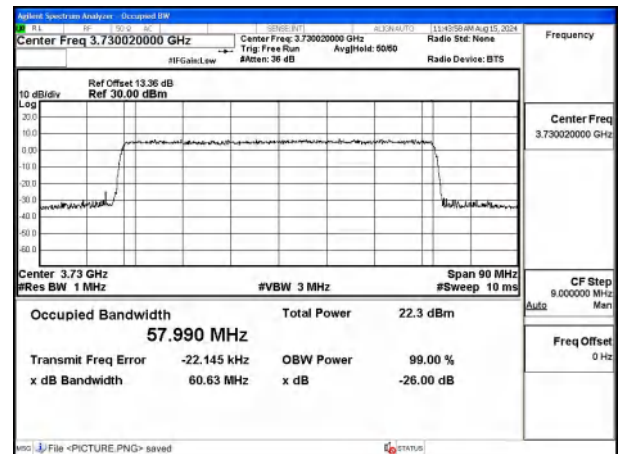


Fig.52

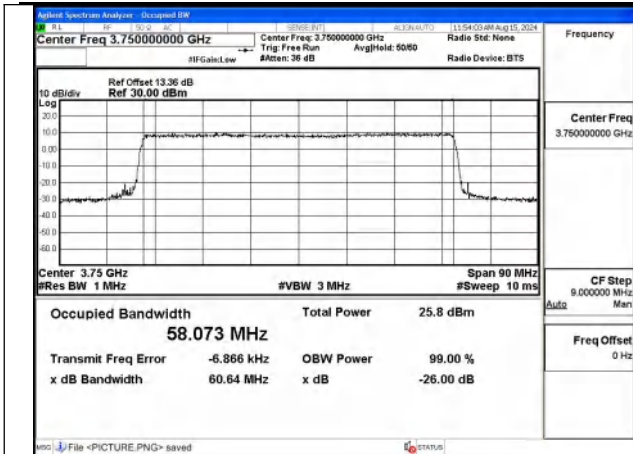


Fig.53

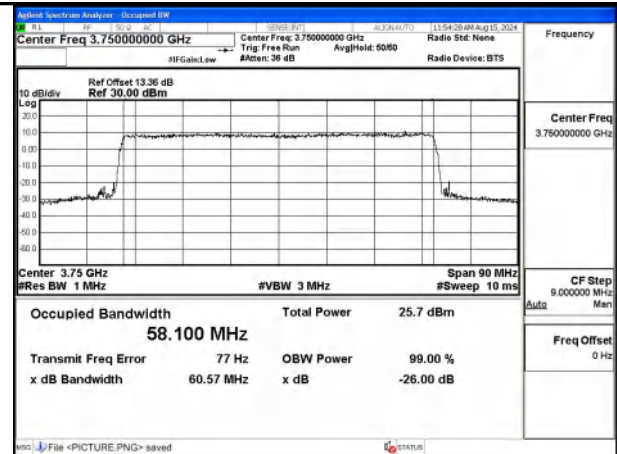


Fig.54

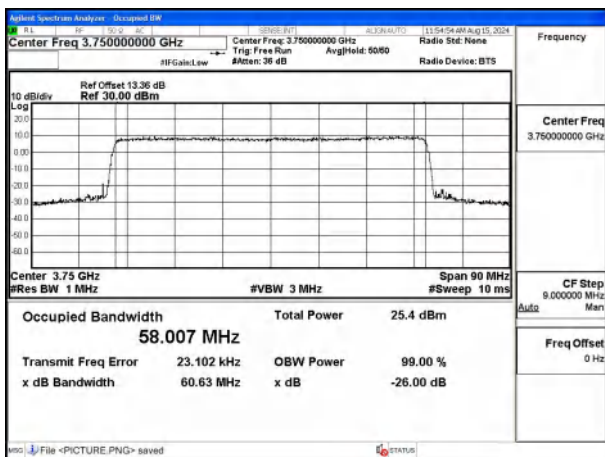


Fig.55

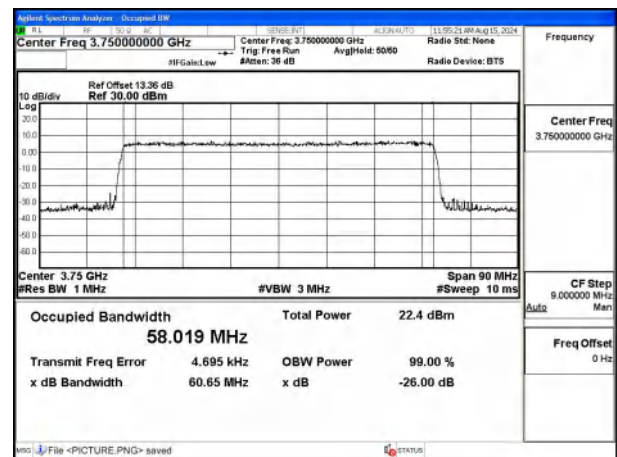


Fig.56

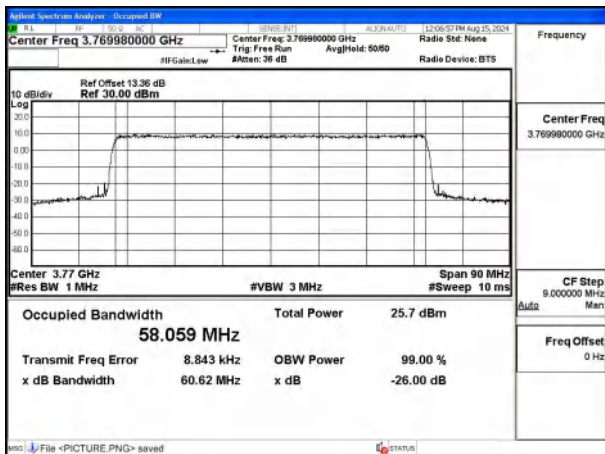


Fig.57

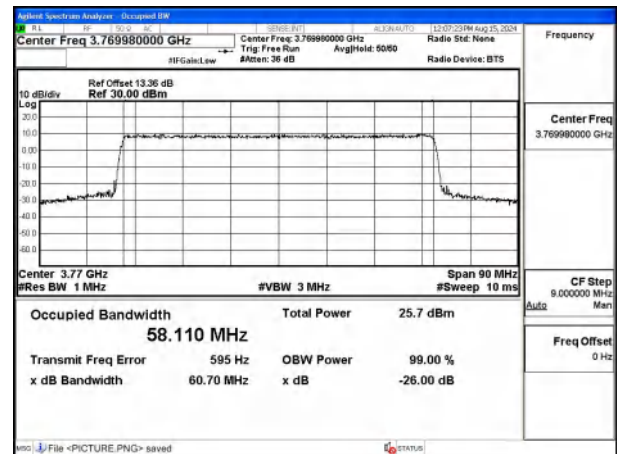


Fig.58

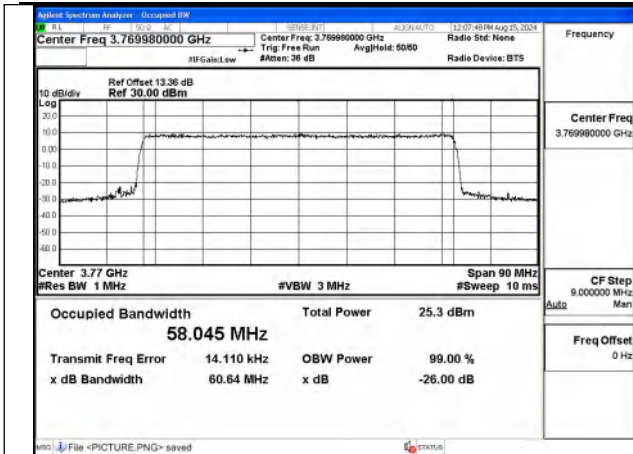


Fig.59

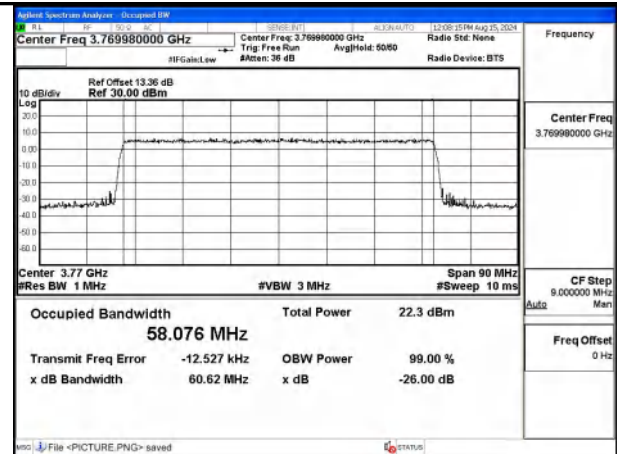


Fig.60

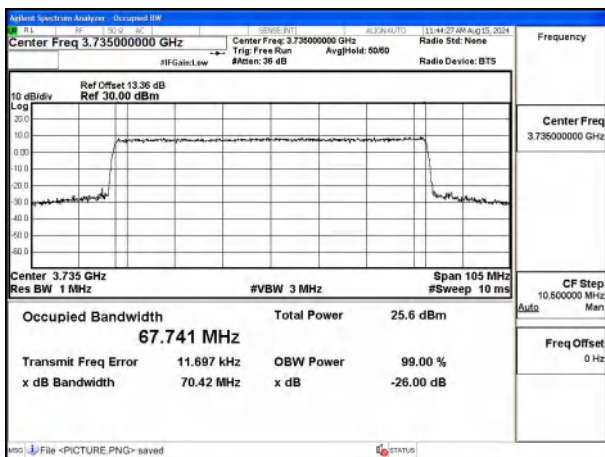


Fig.61

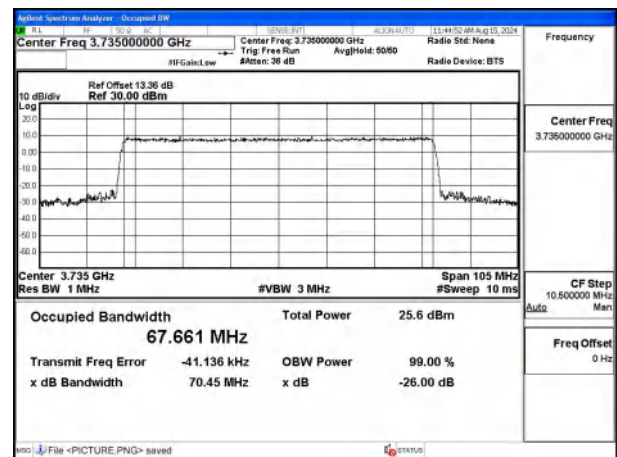


Fig.62

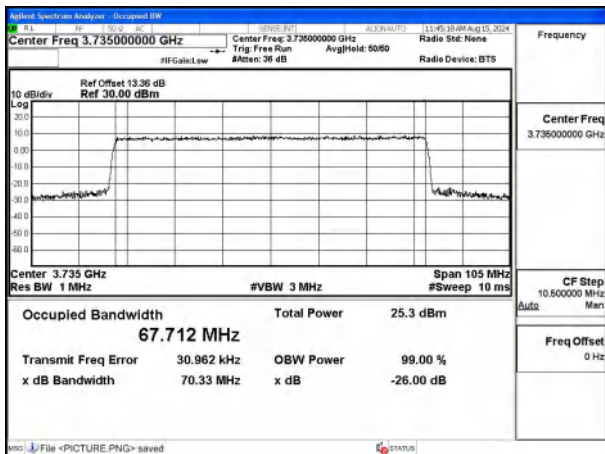


Fig.63

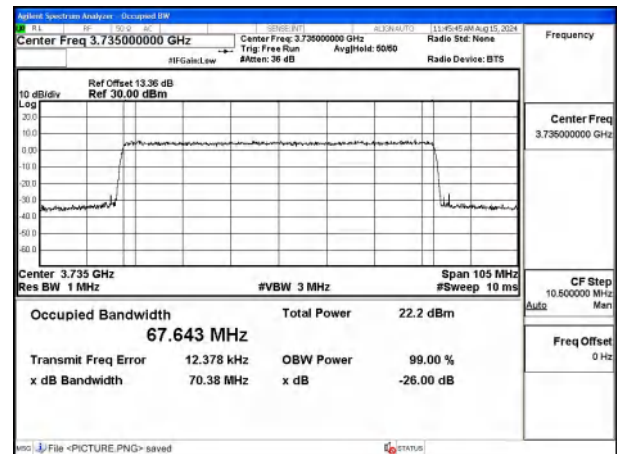


Fig.64

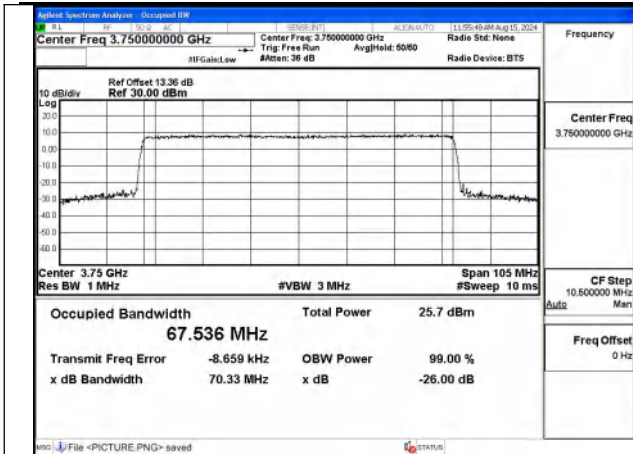


Fig.65

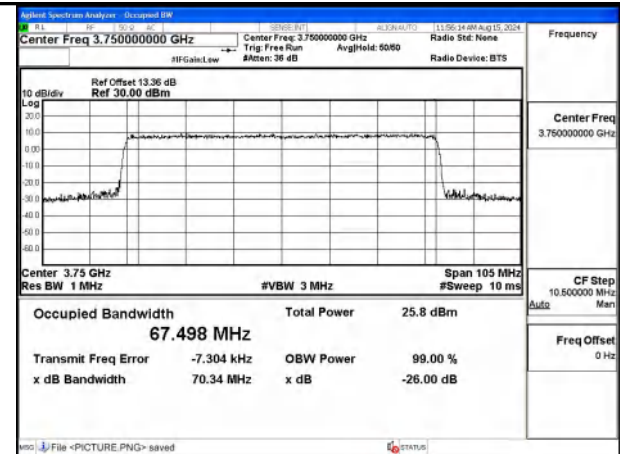


Fig.66

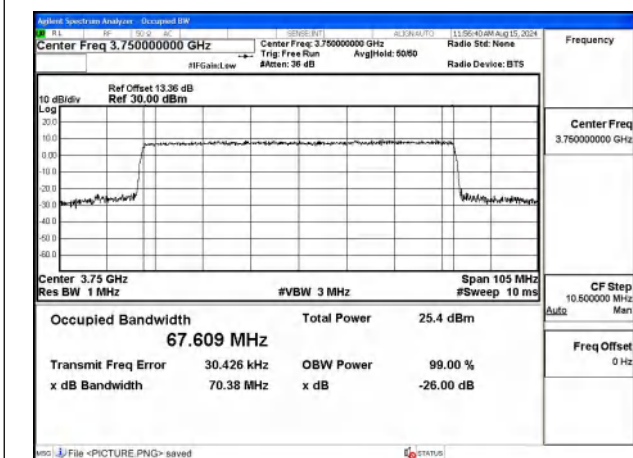


Fig.67

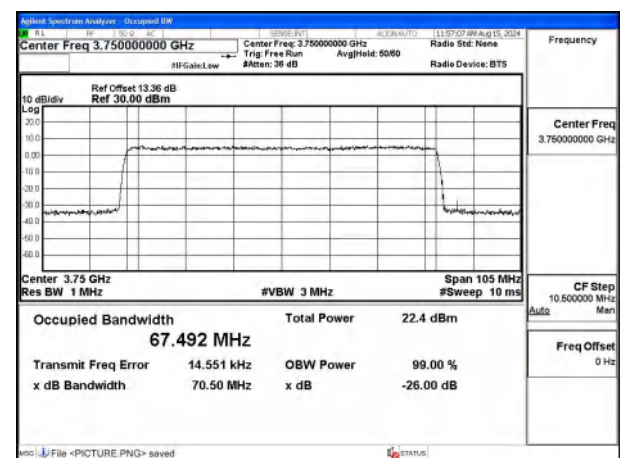


Fig.68

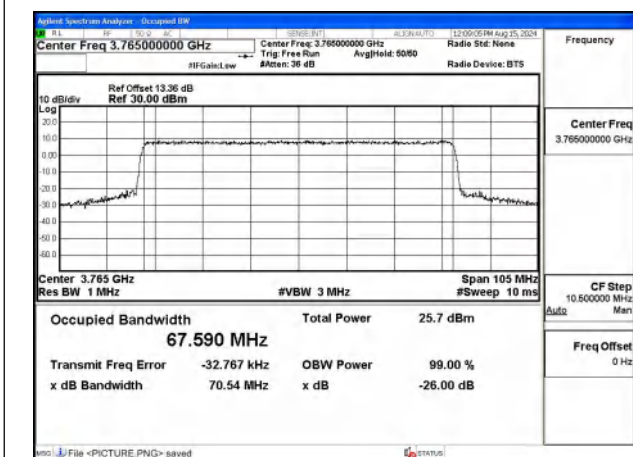


Fig.69

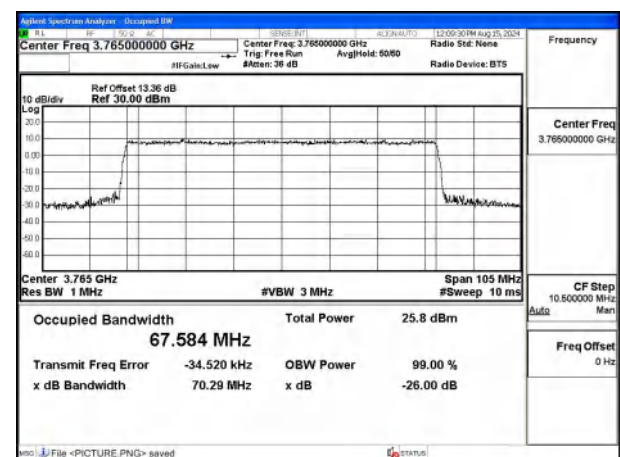


Fig.70

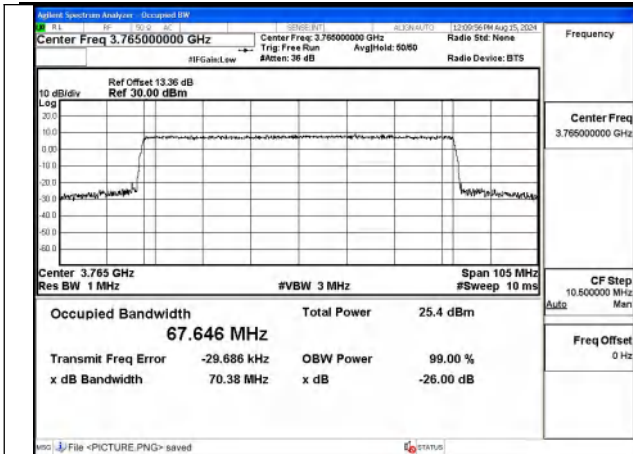


Fig.71

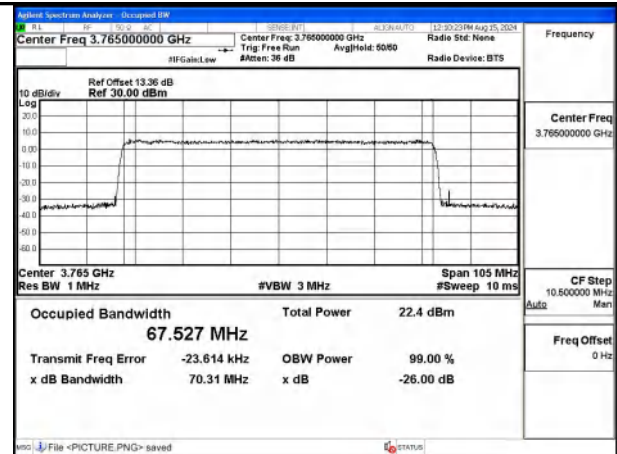


Fig.72

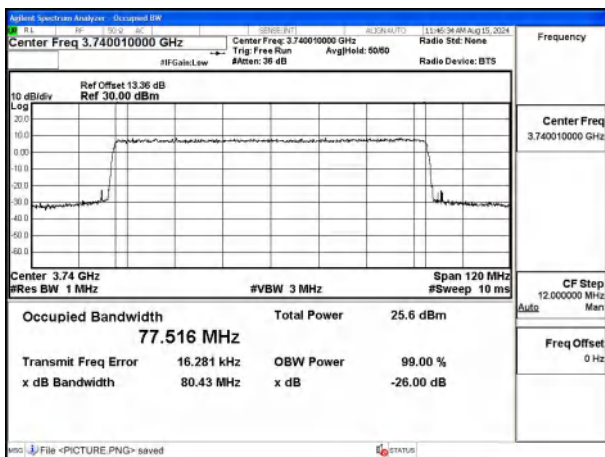


Fig.73

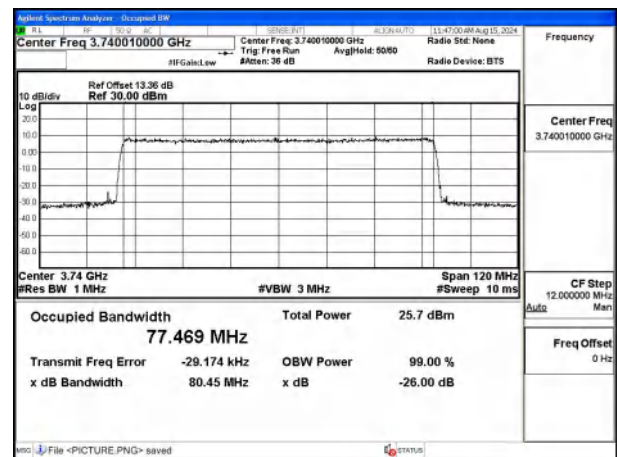


Fig.74

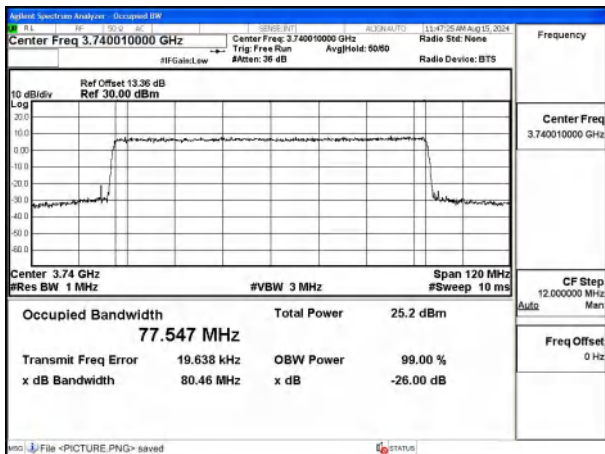


Fig.75

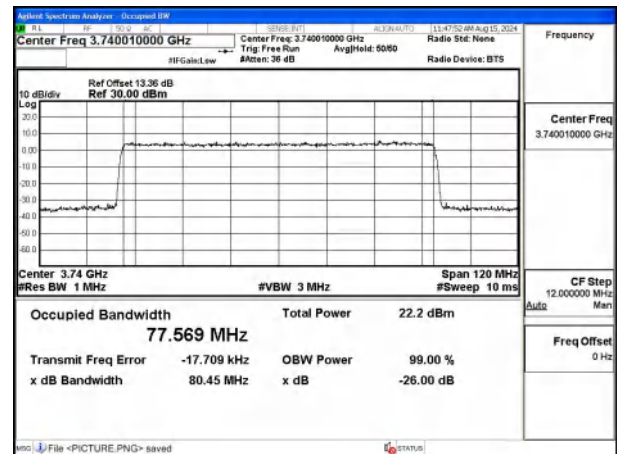


Fig.76

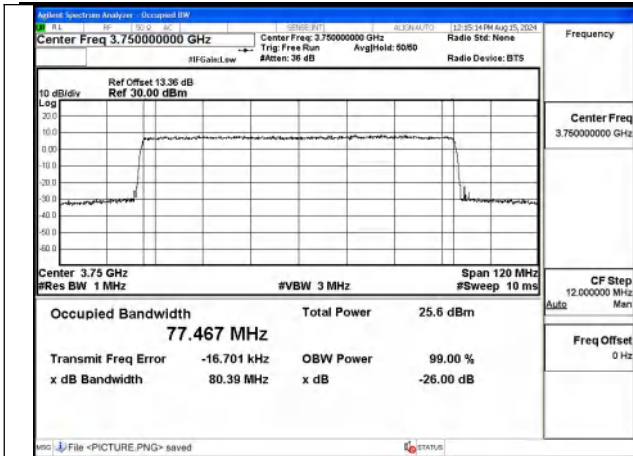


Fig.77

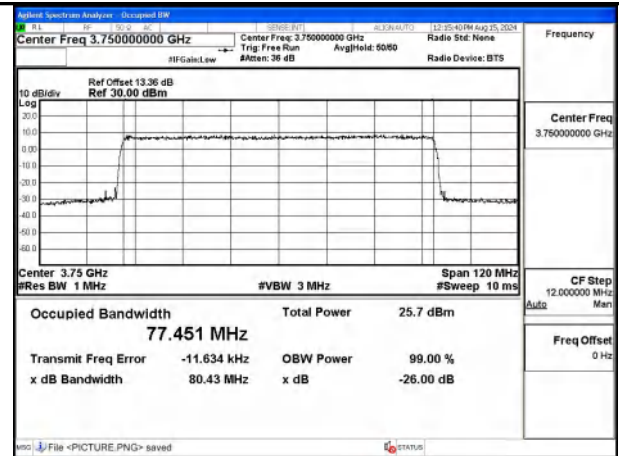


Fig.78

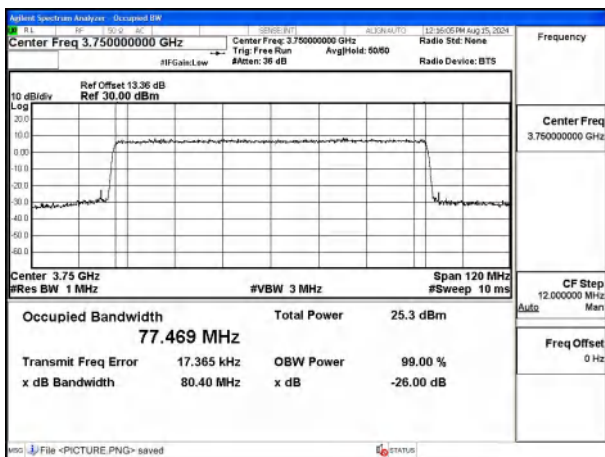


Fig.79

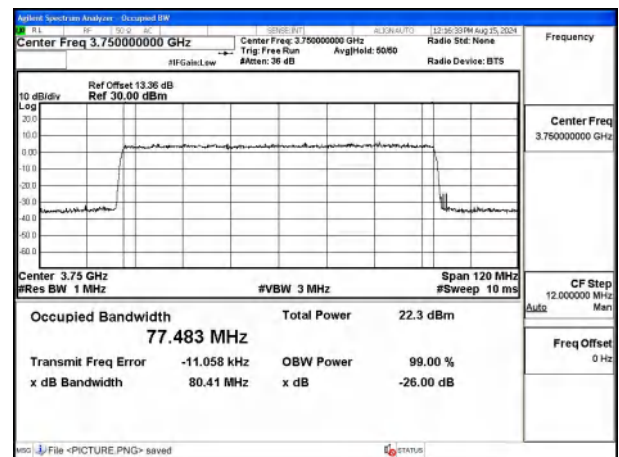


Fig.80

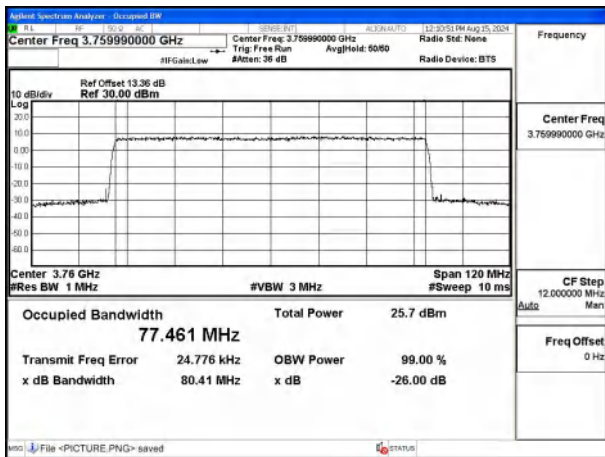


Fig.81

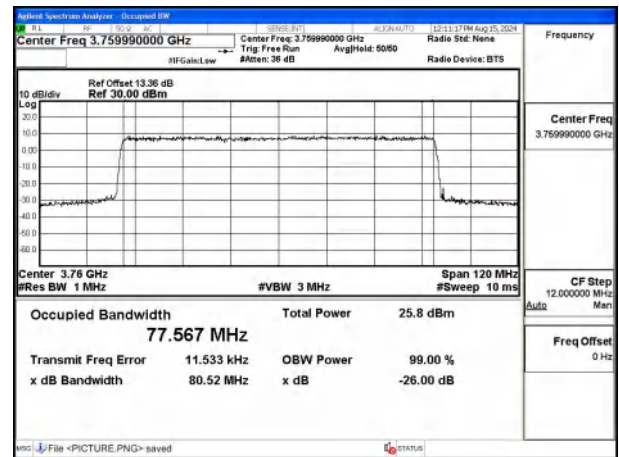


Fig.82

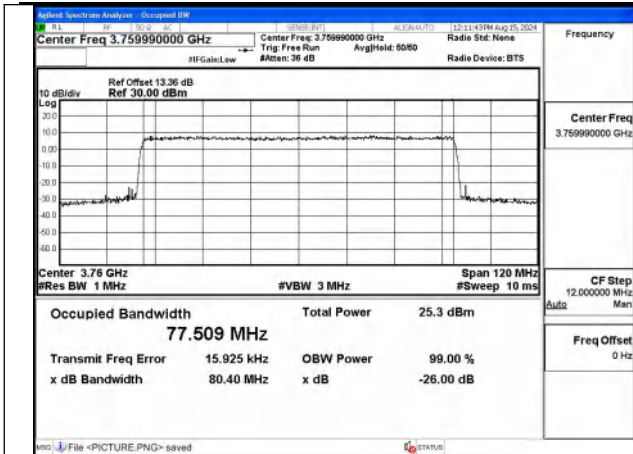


Fig.83

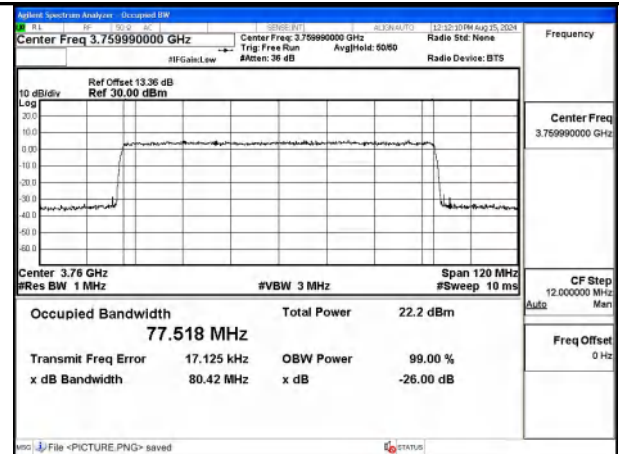


Fig.84

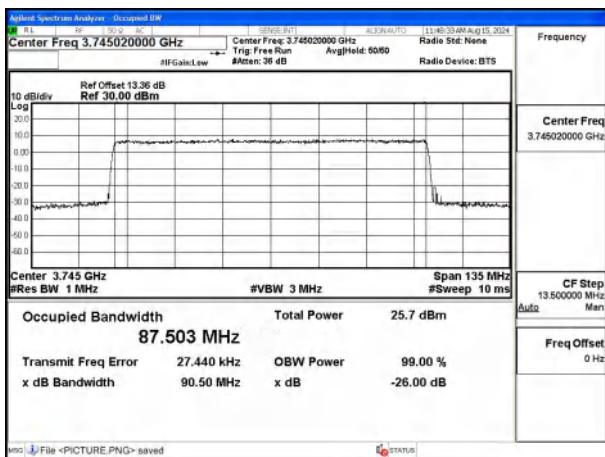


Fig.85

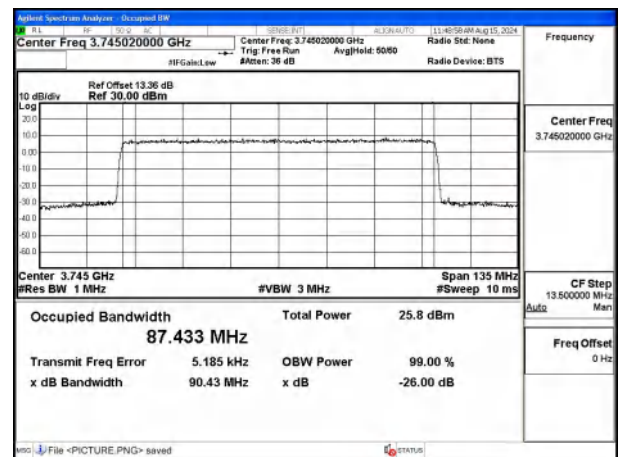


Fig.86

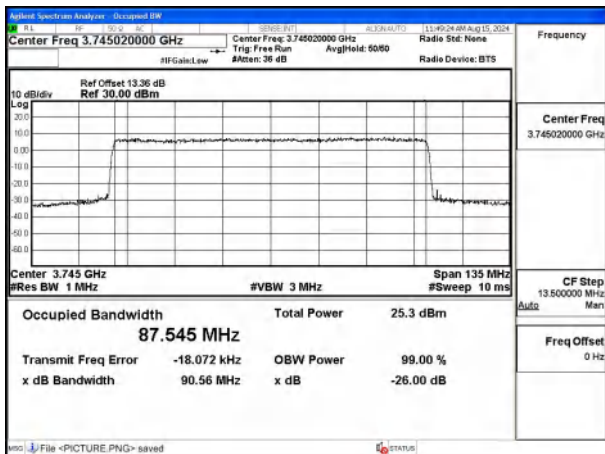


Fig.87

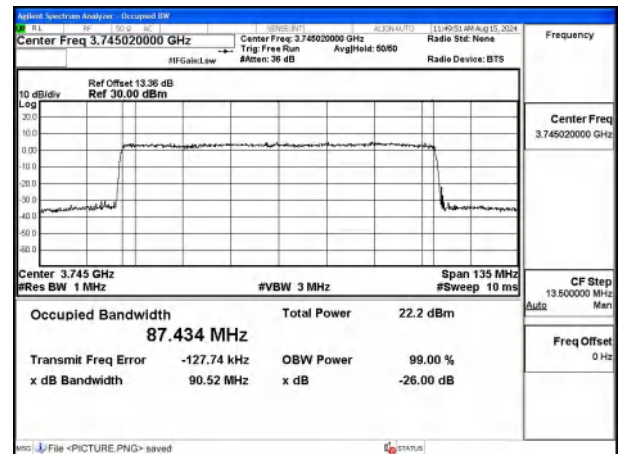


Fig.88

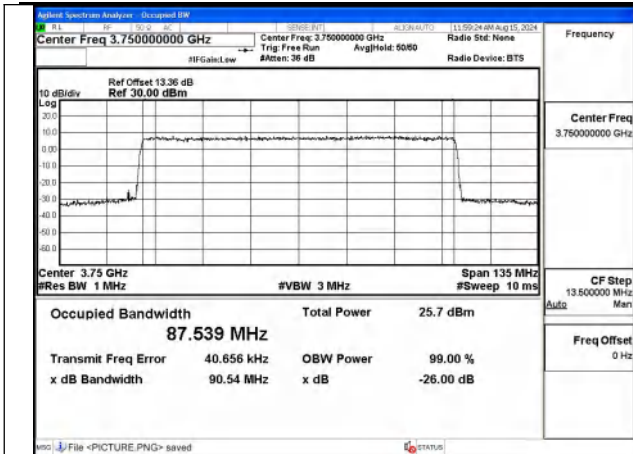


Fig.90

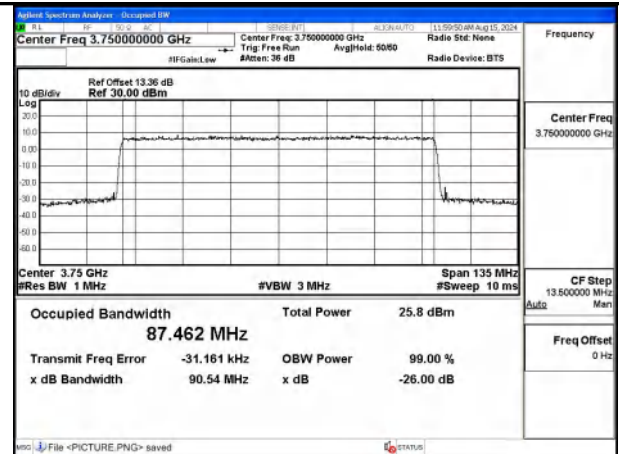


Fig.91

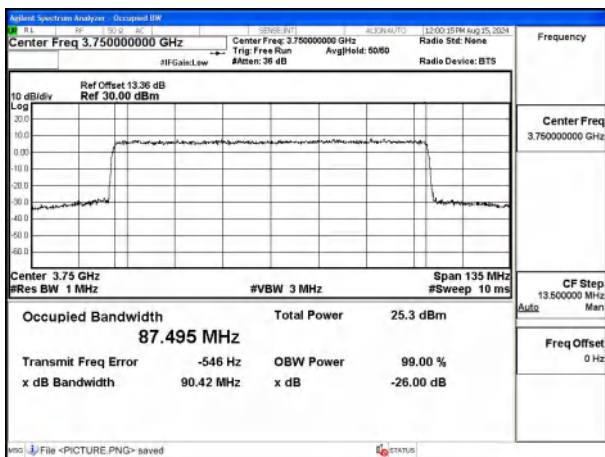


Fig.92

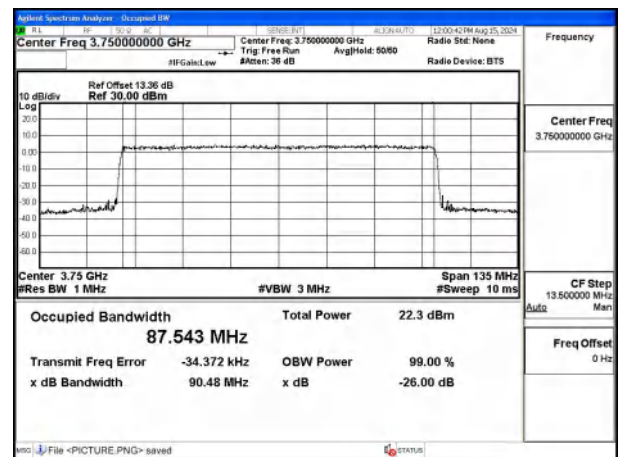


Fig.93

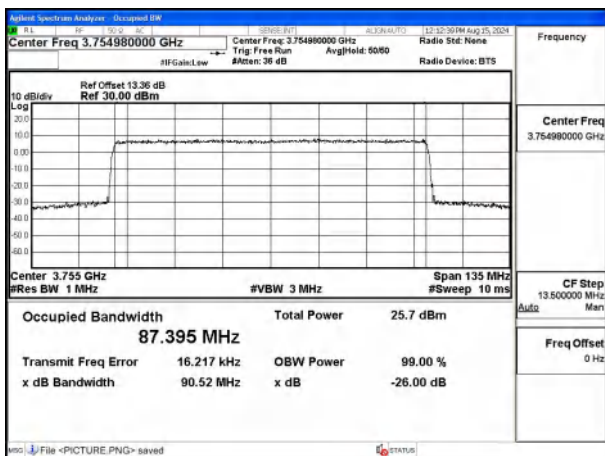


Fig.94

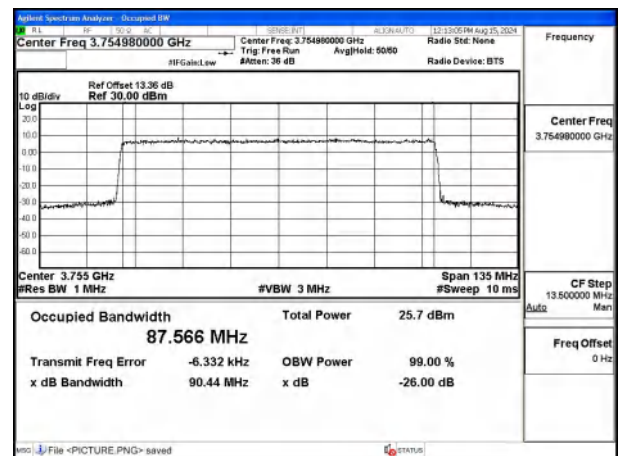


Fig.95

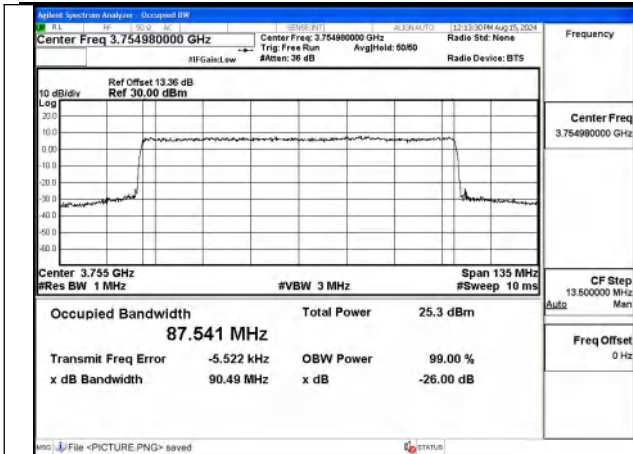


Fig.95

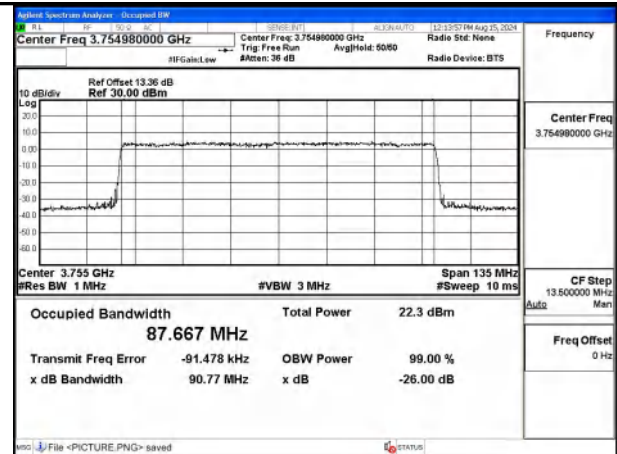


Fig.96

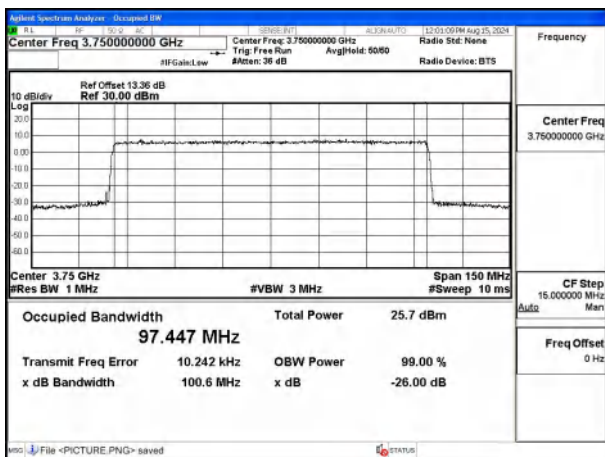


Fig.97

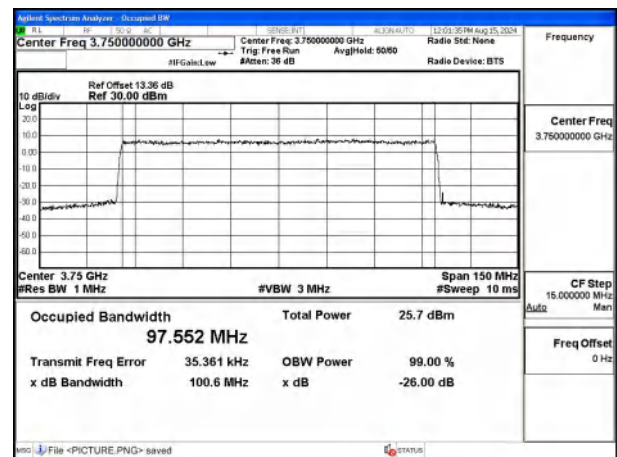


Fig.98

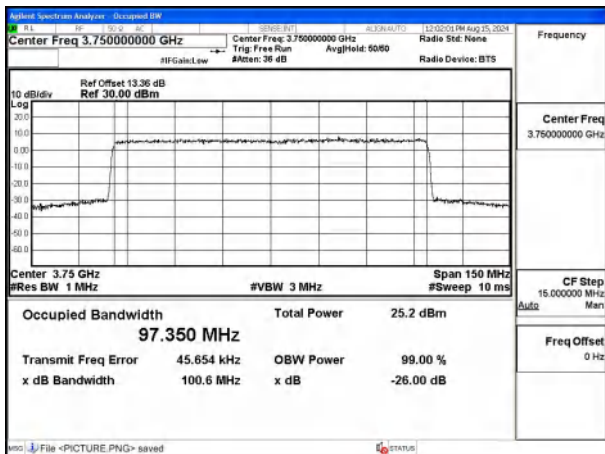


Fig.99

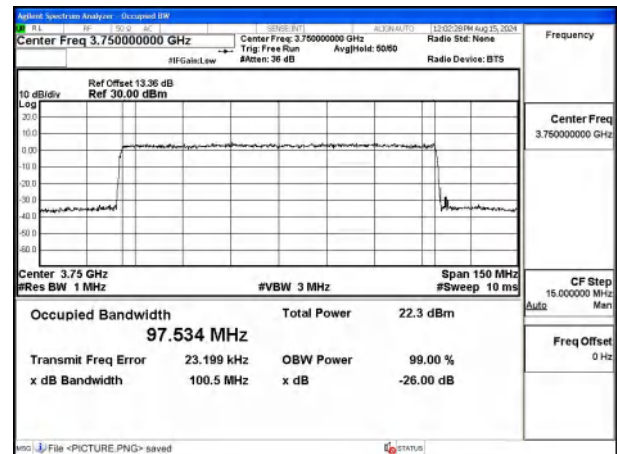


Fig.100

4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	3710.01	647334	20	50	0	Fig.1
DFT-s-OFDM QPSK	3710.01	647334	20	50	0	Fig.2
DFT-s-OFDM 16QAM	3710.01	647334	20	50	0	Fig.3
DFT-s-OFDM 64QAM	3710.01	647334	20	50	0	Fig.4
DFT-s-OFDM 256QAM	3710.01	647334	20	50	0	Fig.5
DFT-s-OFDM PI/2 BPSK	3750	650000	20	50	0	Fig.6
DFT-s-OFDM QPSK	3750	650000	20	50	0	Fig.7
DFT-s-OFDM 16QAM	3750	650000	20	50	0	Fig.8
DFT-s-OFDM 64QAM	3750	650000	20	50	0	Fig.9
DFT-s-OFDM 256QAM	3750	650000	20	50	0	Fig.10
DFT-s-OFDM PI/2 BPSK	3789.99	652666	20	50	0	Fig.11
DFT-s-OFDM QPSK	3789.99	652666	20	50	0	Fig.12
DFT-s-OFDM 16QAM	3789.99	652666	20	50	0	Fig.13
DFT-s-OFDM 64QAM	3789.99	652666	20	50	0	Fig.14
DFT-s-OFDM 256QAM	3789.99	652666	20	50	0	Fig.15
DFT-s-OFDM PI/2 BPSK	3715.02	647668	30	75	0	Fig.16
DFT-s-OFDM QPSK	3715.02	647668	30	75	0	Fig.17
DFT-s-OFDM 16QAM	3715.02	647668	30	75	0	Fig.18
DFT-s-OFDM 64QAM	3715.02	647668	30	75	0	Fig.19
DFT-s-OFDM 256QAM	3715.02	647668	30	75	0	Fig.20
DFT-s-OFDM PI/2 BPSK	3750	650000	30	75	0	Fig.21
DFT-s-OFDM QPSK	3750	650000	30	75	0	Fig.22
DFT-s-OFDM 16QAM	3750	650000	30	75	0	Fig.23
DFT-s-OFDM 64QAM	3750	650000	30	75	0	Fig.24
DFT-s-OFDM 256QAM	3750	650000	30	75	0	Fig.25
DFT-s-OFDM PI/2 BPSK	3784.98	652332	30	75	0	Fig.26
DFT-s-OFDM QPSK	3784.98	652332	30	75	0	Fig.27
DFT-s-OFDM 16QAM	3784.98	652332	30	75	0	Fig.28
DFT-s-OFDM 64QAM	3784.98	652332	30	75	0	Fig.29
DFT-s-OFDM 256QAM	3784.98	652332	30	75	0	Fig.30
DFT-s-OFDM PI/2 BPSK	3720	648000	40	100	0	Fig.31
DFT-s-OFDM QPSK	3720	648000	40	100	0	Fig.32
DFT-s-OFDM 16QAM	3720	648000	40	100	0	Fig.33
DFT-s-OFDM 64QAM	3720	648000	40	100	0	Fig.34
DFT-s-OFDM 256QAM	3720	648000	40	100	0	Fig.35
DFT-s-OFDM PI/2 BPSK	3750	650000	40	100	0	Fig.36
DFT-s-OFDM QPSK	3750	650000	40	100	0	Fig.37
DFT-s-OFDM 16QAM	3750	650000	40	100	0	Fig.38
DFT-s-OFDM 64QAM	3750	650000	40	100	0	Fig.39
DFT-s-OFDM 256QAM	3750	650000	40	100	0	Fig.40
DFT-s-OFDM PI/2 BPSK	3780	652000	40	100	0	Fig.41
DFT-s-OFDM QPSK	3780	652000	40	100	0	Fig.42
DFT-s-OFDM 16QAM	3780	652000	40	100	0	Fig.43
DFT-s-OFDM 64QAM	3780	652000	40	100	0	Fig.44

DFT-s-OFDM 256QAM	3780	652000	40	100	0	Fig.45
DFT-s-OFDM PI/2 BPSK	3725.01	648334	50	128	0	Fig.46
DFT-s-OFDM QPSK	3725.01	648334	50	128	0	Fig.47
DFT-s-OFDM 16QAM	3725.01	648334	50	128	0	Fig.48
DFT-s-OFDM 64QAM	3725.01	648334	50	128	0	Fig.49
DFT-s-OFDM 256QAM	3725.01	648334	50	128	0	Fig.50
DFT-s-OFDM PI/2 BPSK	3750	650000	50	128	0	Fig.51
DFT-s-OFDM QPSK	3750	650000	50	128	0	Fig.52
DFT-s-OFDM 16QAM	3750	650000	50	128	0	Fig.53
DFT-s-OFDM 64QAM	3750	650000	50	128	0	Fig.54
DFT-s-OFDM 256QAM	3750	650000	50	128	0	Fig.55
DFT-s-OFDM PI/2 BPSK	3774.99	651666	50	128	0	Fig.56
DFT-s-OFDM QPSK	3774.99	651666	50	128	0	Fig.57
DFT-s-OFDM 16QAM	3774.99	651666	50	128	0	Fig.58
DFT-s-OFDM 64QAM	3774.99	651666	50	128	0	Fig.59
DFT-s-OFDM 256QAM	3774.99	651666	50	128	0	Fig.60
DFT-s-OFDM PI/2 BPSK	3730.02	648668	60	162	0	Fig.61
DFT-s-OFDM QPSK	3730.02	648668	60	162	0	Fig.62
DFT-s-OFDM 16QAM	3730.02	648668	60	162	0	Fig.63
DFT-s-OFDM 64QAM	3730.02	648668	60	162	0	Fig.64
DFT-s-OFDM 256QAM	3730.02	648668	60	162	0	Fig.65
DFT-s-OFDM PI/2 BPSK	3750	650000	60	162	0	Fig.66
DFT-s-OFDM QPSK	3750	650000	60	162	0	Fig.67
DFT-s-OFDM 16QAM	3750	650000	60	162	0	Fig.68
DFT-s-OFDM 64QAM	3750	650000	60	162	0	Fig.69
DFT-s-OFDM 256QAM	3750	650000	60	162	0	Fig.70
DFT-s-OFDM PI/2 BPSK	3769.98	651332	60	162	0	Fig.71
DFT-s-OFDM QPSK	3769.98	651332	60	162	0	Fig.72
DFT-s-OFDM 16QAM	3769.98	651332	60	162	0	Fig.73
DFT-s-OFDM 64QAM	3769.98	651332	60	162	0	Fig.74
DFT-s-OFDM 256QAM	3769.98	651332	60	162	0	Fig.75
DFT-s-OFDM PI/2 BPSK	3735	649000	70	180	0	Fig.76
DFT-s-OFDM QPSK	3735	649000	70	180	0	Fig.77
DFT-s-OFDM 16QAM	3735	649000	70	180	0	Fig.78
DFT-s-OFDM 64QAM	3735	649000	70	180	0	Fig.79
DFT-s-OFDM 256QAM	3735	649000	70	180	0	Fig.80
DFT-s-OFDM PI/2 BPSK	3750	650000	70	180	0	Fig.81
DFT-s-OFDM QPSK	3750	650000	70	180	0	Fig.82
DFT-s-OFDM 16QAM	3750	650000	70	180	0	Fig.83
DFT-s-OFDM 64QAM	3750	650000	70	180	0	Fig.84
DFT-s-OFDM 256QAM	3750	650000	70	180	0	Fig.85
DFT-s-OFDM PI/2 BPSK	3765	651000	70	180	0	Fig.86
DFT-s-OFDM QPSK	3765	651000	70	180	0	Fig.87
DFT-s-OFDM 16QAM	3765	651000	70	180	0	Fig.88
DFT-s-OFDM 64QAM	3765	651000	70	180	0	Fig.89
DFT-s-OFDM 256QAM	3765	651000	70	180	0	Fig.90

DFT-s-OFDM PI/2 BPSK	3740.01	649334	80	216	0	Fig.91
DFT-s-OFDM QPSK	3740.01	649334	80	216	0	Fig.92
DFT-s-OFDM 16QAM	3740.01	649334	80	216	0	Fig.93
DFT-s-OFDM 64QAM	3740.01	649334	80	216	0	Fig.94
DFT-s-OFDM 256QAM	3740.01	649334	80	216	0	Fig.95
DFT-s-OFDM PI/2 BPSK	3750	650000	80	216	0	Fig.96
DFT-s-OFDM QPSK	3750	650000	80	216	0	Fig.97
DFT-s-OFDM 16QAM	3750	650000	80	216	0	Fig.98
DFT-s-OFDM 64QAM	3750	650000	80	216	0	Fig.99
DFT-s-OFDM 256QAM	3750	650000	80	216	0	Fig.100
DFT-s-OFDM PI/2 BPSK	3759.99	650666	80	216	0	Fig.101
DFT-s-OFDM QPSK	3759.99	650666	80	216	0	Fig.102
DFT-s-OFDM 16QAM	3759.99	650666	80	216	0	Fig.103
DFT-s-OFDM 64QAM	3759.99	650666	80	216	0	Fig.104
DFT-s-OFDM 256QAM	3759.99	650666	80	216	0	Fig.105
DFT-s-OFDM PI/2 BPSK	3745.02	649668	90	243	0	Fig.106
DFT-s-OFDM QPSK	3745.02	649668	90	243	0	Fig.107
DFT-s-OFDM 16QAM	3745.02	649668	90	243	0	Fig.108
DFT-s-OFDM 64QAM	3745.02	649668	90	243	0	Fig.109
DFT-s-OFDM 256QAM	3745.02	649668	90	243	0	Fig.110
DFT-s-OFDM PI/2 BPSK	3750	650000	90	243	0	Fig.111
DFT-s-OFDM QPSK	3750	650000	90	243	0	Fig.112
DFT-s-OFDM 16QAM	3750	650000	90	243	0	Fig.113
DFT-s-OFDM 64QAM	3750	650000	90	243	0	Fig.114
DFT-s-OFDM 256QAM	3750	650000	90	243	0	Fig.115
DFT-s-OFDM PI/2 BPSK	3754.98	650332	90	243	0	Fig.116
DFT-s-OFDM QPSK	3754.98	650332	90	243	0	Fig.117
DFT-s-OFDM 16QAM	3754.98	650332	90	243	0	Fig.118
DFT-s-OFDM 64QAM	3754.98	650332	90	243	0	Fig.119
DFT-s-OFDM 256QAM	3754.98	650332	90	243	0	Fig.120
DFT-s-OFDM PI/2 BPSK	3750	650000	100	270	0	Fig.121
DFT-s-OFDM QPSK	3750	650000	100	270	0	Fig.122
DFT-s-OFDM 16QAM	3750	650000	100	270	0	Fig.123
DFT-s-OFDM 64QAM	3750	650000	100	270	0	Fig.124
DFT-s-OFDM 256QAM	3750	650000	100	270	0	Fig.125

Test Plot:

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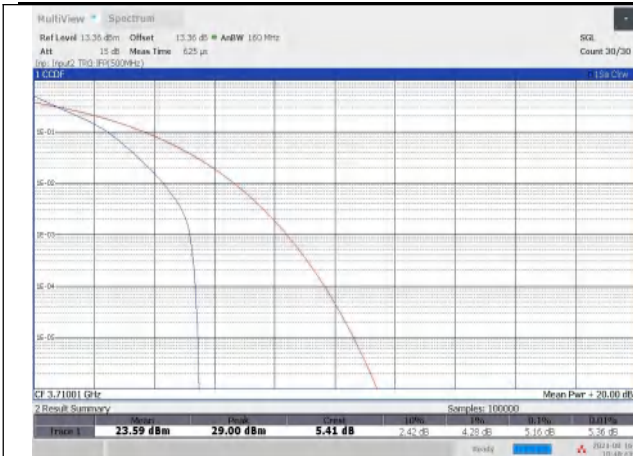


Fig.1

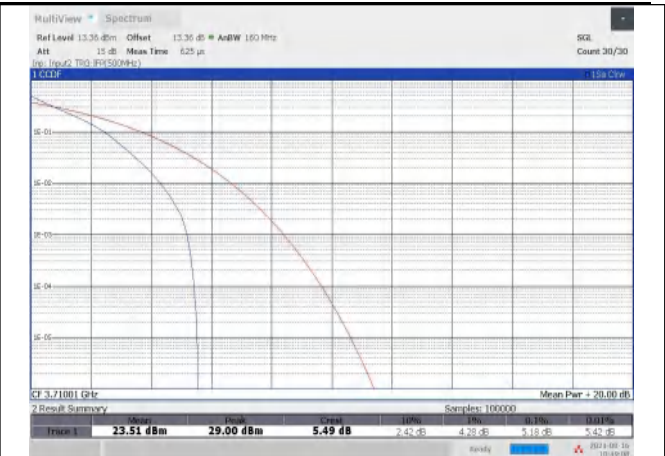


Fig.2

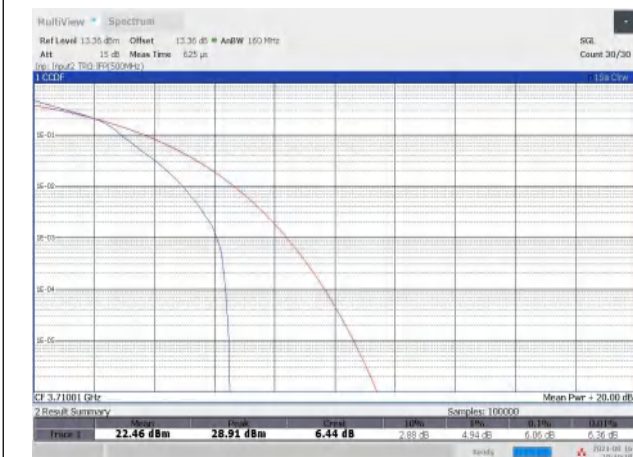


Fig.3

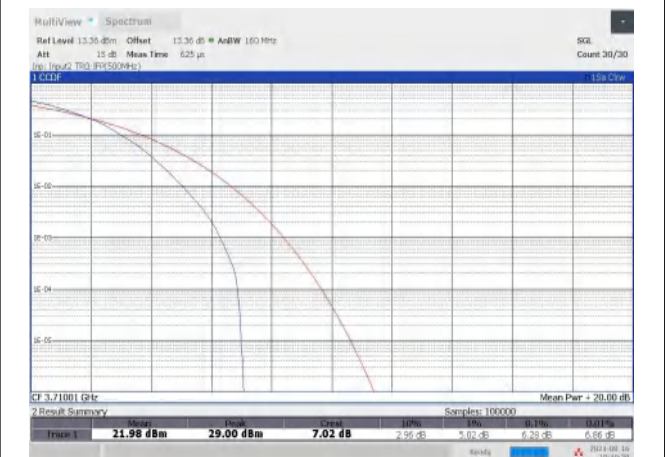


Fig.4

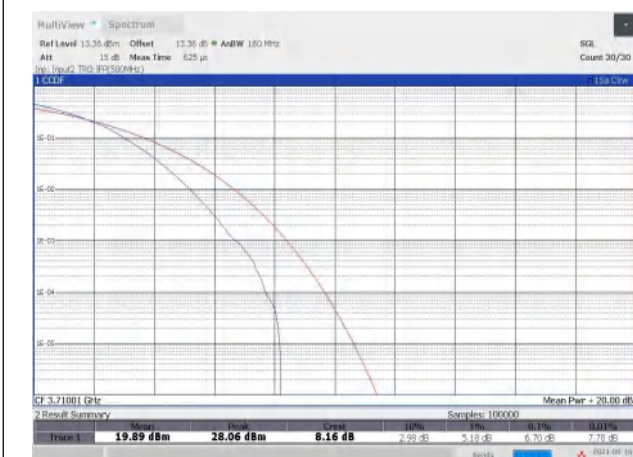


Fig.5

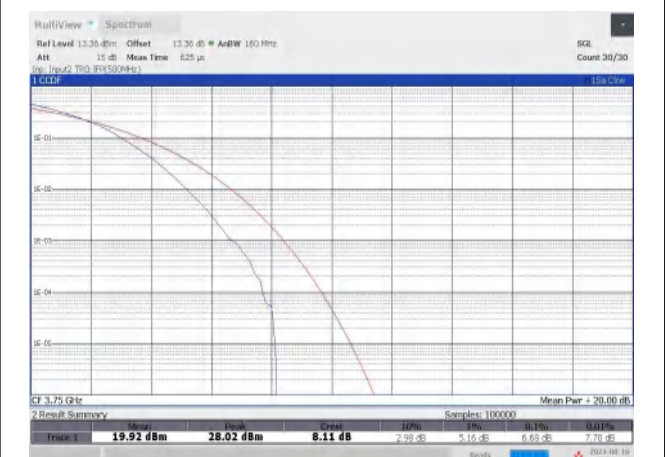


Fig.6

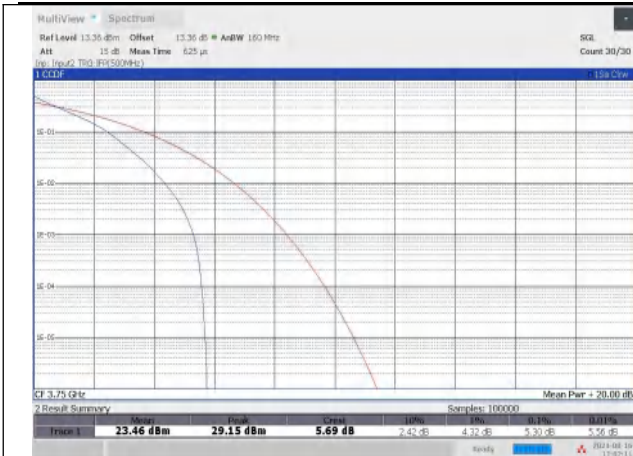


Fig.7

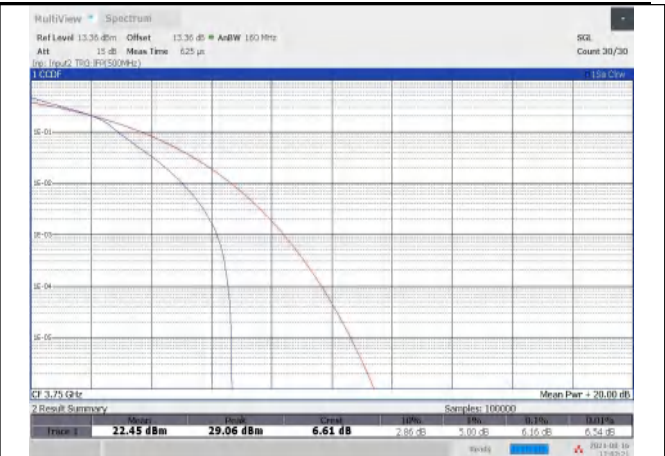


Fig.8

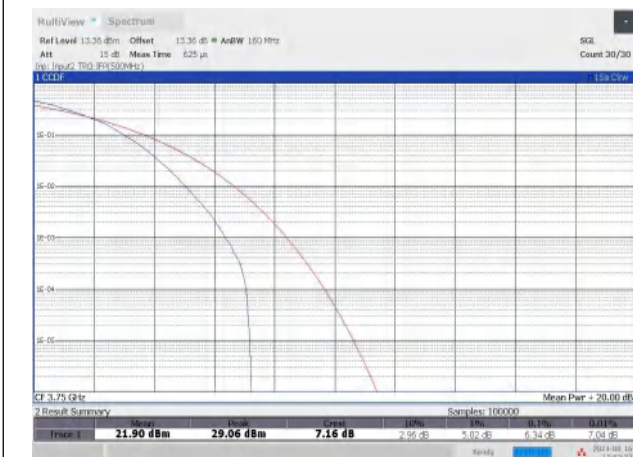


Fig.9

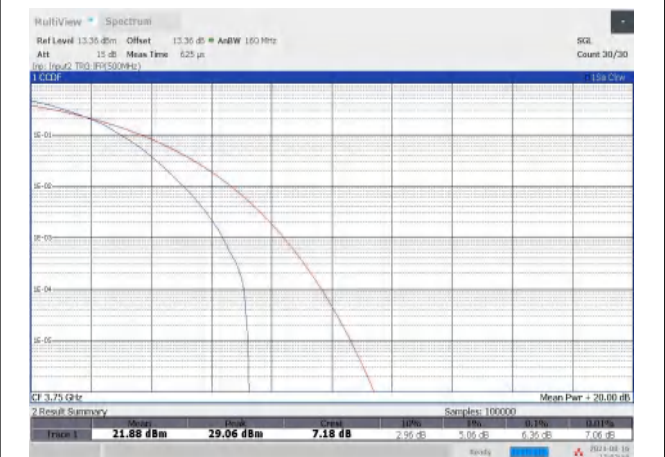


Fig.10

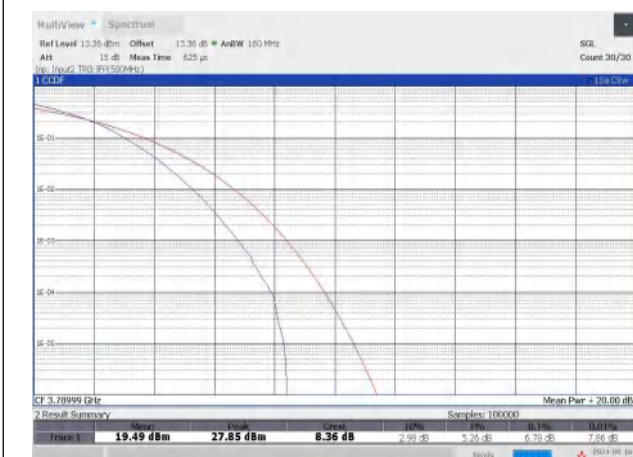


Fig.11

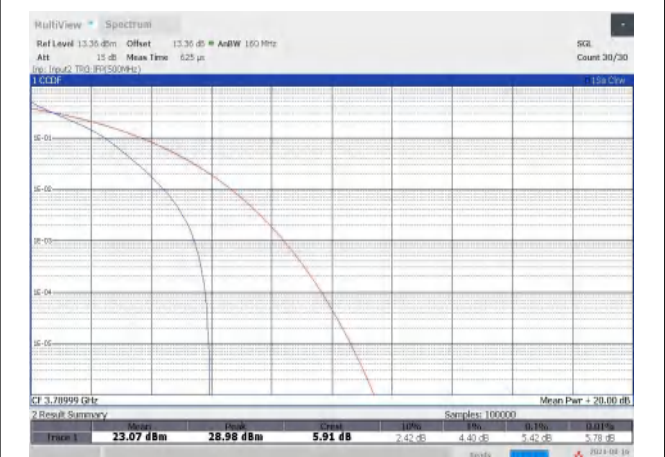


Fig.12

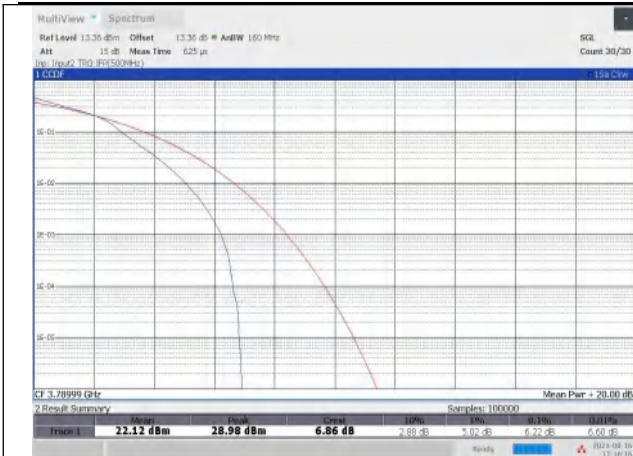


Fig.13

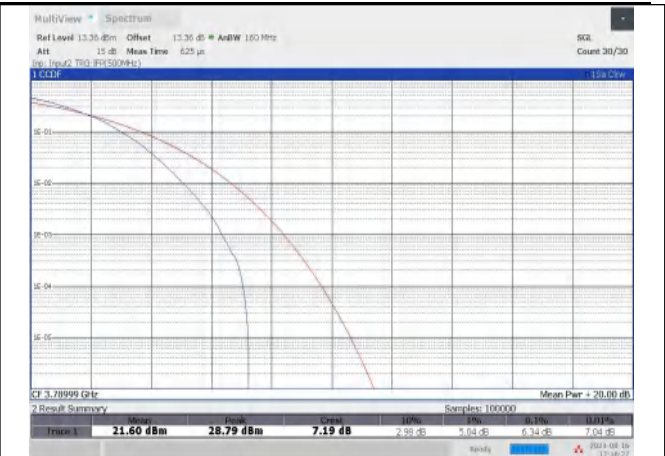


Fig.14

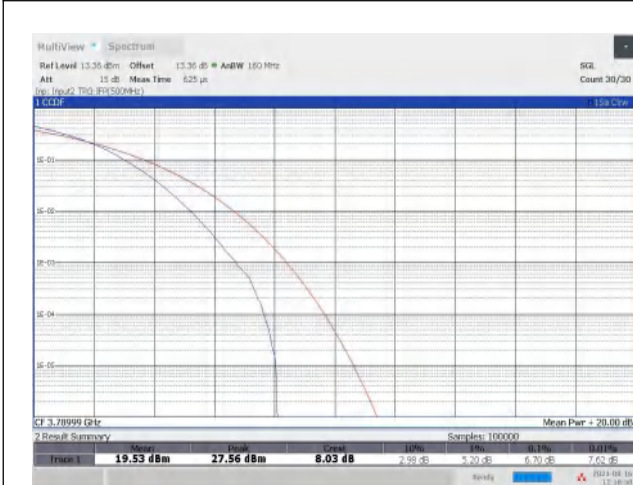


Fig.15

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	3710.01	647334	20	51	0	Fig.1	Fig.2
CP-OFDM QPSK	3710.01	647334	20	1	0	Fig.3	Fig.4
CP-OFDM QPSK	3710.01	647334	20	1	50	Fig.5	Fig.6
CP-OFDM QPSK	3750	650000	20	51	0	Fig.7	Fig.8
CP-OFDM QPSK	3750	650000	20	1	0	Fig.9	Fig.10
CP-OFDM QPSK	3750	650000	20	1	50	Fig.11	Fig.12
CP-OFDM QPSK	3789.99	652666	20	51	0	Fig.13	Fig.14
CP-OFDM QPSK	3789.99	652666	20	1	0	Fig.15	Fig.16
CP-OFDM QPSK	3789.99	652666	20	1	50	Fig.17	Fig.18
CP-OFDM QPSK	3715.02	647668	30	78	0	Fig.19	Fig.20
CP-OFDM QPSK	3715.02	647668	30	1	0	Fig.21	Fig.22
CP-OFDM QPSK	3715.02	647668	30	1	77	Fig.23	Fig.24
CP-OFDM QPSK	3750	650000	30	78	0	Fig.25	Fig.26
CP-OFDM QPSK	3750	650000	30	1	0	Fig.27	Fig.28
CP-OFDM QPSK	3750	650000	30	1	77	Fig.29	Fig.30
CP-OFDM QPSK	3784.98	652332	30	78	0	Fig.31	Fig.32
CP-OFDM QPSK	3784.98	652332	30	1	0	Fig.33	Fig.34
CP-OFDM QPSK	3784.98	652332	30	1	77	Fig.35	Fig.36
CP-OFDM QPSK	3720	648000	40	106	0	Fig.37	Fig.38
CP-OFDM QPSK	3720	648000	40	1	0	Fig.39	Fig.40
CP-OFDM QPSK	3720	648000	40	1	105	Fig.41	Fig.42
CP-OFDM QPSK	3750	650000	40	106	0	Fig.43	Fig.44
CP-OFDM QPSK	3750	650000	40	1	0	Fig.45	Fig.46
CP-OFDM QPSK	3750	650000	40	1	105	Fig.47	Fig.48
CP-OFDM QPSK	3780	652000	40	106	0	Fig.49	Fig.50
CP-OFDM QPSK	3780	652000	40	1	0	Fig.51	Fig.52
CP-OFDM QPSK	3780	652000	40	1	105	Fig.53	Fig.54
CP-OFDM QPSK	3725.01	648334	50	133	0	Fig.55	Fig.56
CP-OFDM QPSK	3725.01	648334	50	1	0	Fig.57	Fig.58
CP-OFDM QPSK	3725.01	648334	50	1	132	Fig.59	Fig.60
CP-OFDM QPSK	3750	650000	50	133	0	Fig.61	Fig.62
CP-OFDM QPSK	3750	650000	50	1	0	Fig.63	Fig.64
CP-OFDM QPSK	3750	650000	50	1	132	Fig.65	Fig.66
CP-OFDM QPSK	3774.99	651666	50	133	0	Fig.67	Fig.68
CP-OFDM QPSK	3774.99	651666	50	1	0	Fig.69	Fig.70
CP-OFDM QPSK	3774.99	651666	50	1	132	Fig.71	Fig.72
CP-OFDM QPSK	3730.02	648668	60	162	0	Fig.73	Fig.74
CP-OFDM QPSK	3730.02	648668	60	1	0	Fig.75	Fig.76
CP-OFDM QPSK	3730.02	648668	60	1	161	Fig.77	Fig.78
CP-OFDM QPSK	3750	650000	60	162	0	Fig.79	Fig.80
CP-OFDM QPSK	3750	650000	60	1	0	Fig.81	Fig.82
CP-OFDM QPSK	3750	650000	60	1	161	Fig.83	Fig.84
CP-OFDM QPSK	3769.98	651332	60	162	0	Fig.85	Fig.86

CP-OFDM QPSK	3769.98	651332	60	1	0	Fig.87	Fig.88
CP-OFDM QPSK	3769.98	651332	60	1	161	Fig.89	Fig.90
CP-OFDM QPSK	3735	649000	70	189	0	Fig.91	Fig.92
CP-OFDM QPSK	3735	649000	70	1	0	Fig.93	Fig.94
CP-OFDM QPSK	3735	649000	70	1	188	Fig.95	Fig.96
CP-OFDM QPSK	3750	650000	70	189	0	Fig.97	Fig.98
CP-OFDM QPSK	3750	650000	70	1	0	Fig.99	Fig.100
CP-OFDM QPSK	3750	650000	70	1	188	Fig.101	Fig.102
CP-OFDM QPSK	3765	651000	70	189	0	Fig.103	Fig.104
CP-OFDM QPSK	3765	651000	70	1	0	Fig.105	Fig.106
CP-OFDM QPSK	3765	651000	70	1	188	Fig.107	Fig.108
CP-OFDM QPSK	3740.01	649334	80	217	0	Fig.109	Fig.110
CP-OFDM QPSK	3740.01	649334	80	1	0	Fig.111	Fig.112
CP-OFDM QPSK	3740.01	649334	80	1	216	Fig.113	Fig.114
CP-OFDM QPSK	3750	650000	80	217	0	Fig.115	Fig.116
CP-OFDM QPSK	3750	650000	80	1	0	Fig.117	Fig.118
CP-OFDM QPSK	3750	650000	80	1	216	Fig.119	Fig.120
CP-OFDM QPSK	3759.99	650666	80	217	0	Fig.121	Fig.122
CP-OFDM QPSK	3759.99	650666	80	1	0	Fig.123	Fig.124
CP-OFDM QPSK	3759.99	650666	80	1	216	Fig.125	Fig.126
CP-OFDM QPSK	3745.02	649668	90	245	0	Fig.127	Fig.128
CP-OFDM QPSK	3745.02	649668	90	1	0	Fig.129	Fig.130
CP-OFDM QPSK	3745.02	649668	90	1	244	Fig.131	Fig.132
CP-OFDM QPSK	3750	650000	90	245	0	Fig.133	Fig.134
CP-OFDM QPSK	3750	650000	90	1	0	Fig.135	Fig.136
CP-OFDM QPSK	3750	650000	90	1	244	Fig.137	Fig.138
CP-OFDM QPSK	3754.98	650332	90	245	0	Fig.139	Fig.140
CP-OFDM QPSK	3754.98	650332	90	1	0	Fig.141	Fig.142
CP-OFDM QPSK	3754.98	650332	90	1	244	Fig.143	Fig.144
CP-OFDM QPSK	3750	650000	100	273	0	Fig.145	Fig.146
CP-OFDM QPSK	3750	650000	100	1	0	Fig.147	Fig.148
CP-OFDM QPSK	3750	650000	100	1	272	Fig.149	Fig.150

Test Plot:

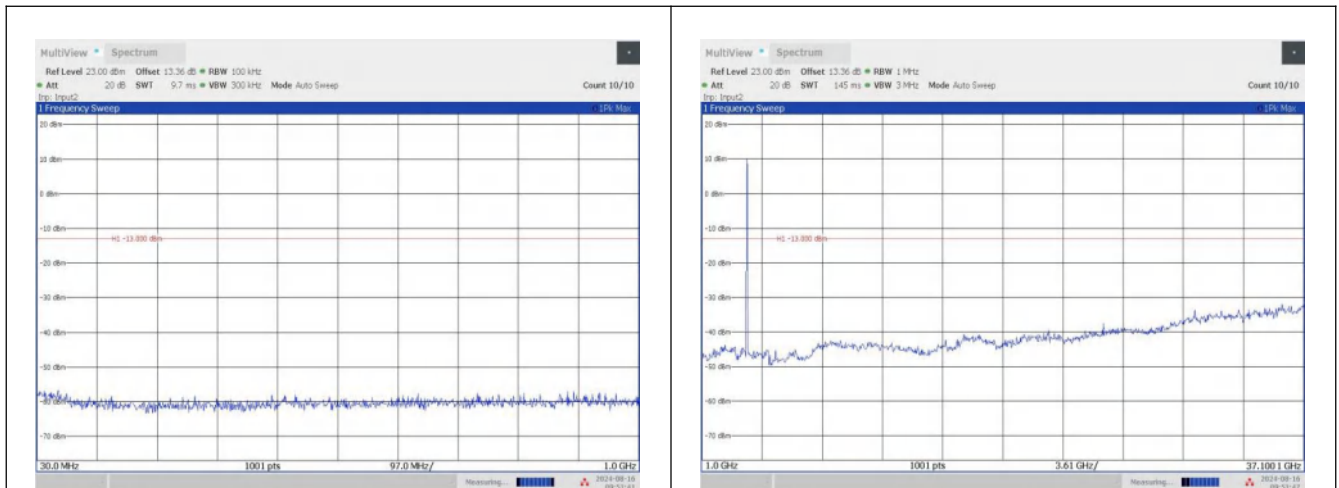


Fig.1

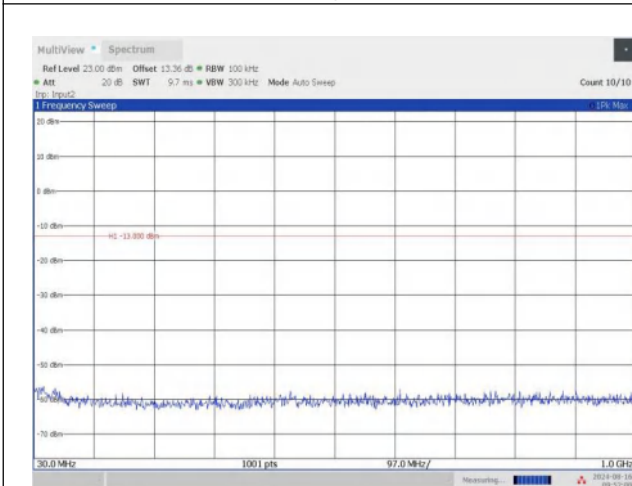


Fig.2

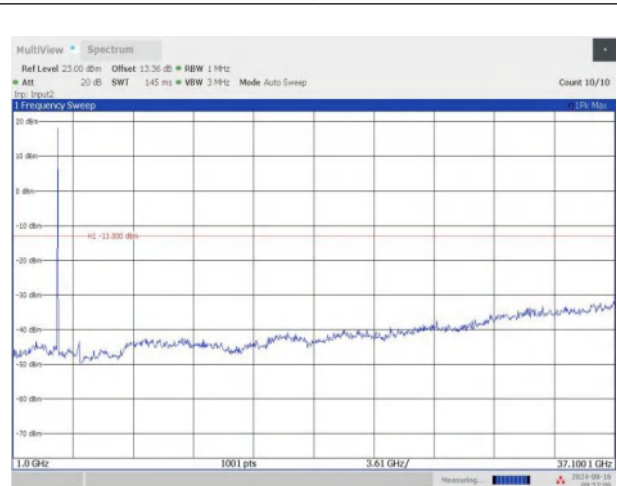


Fig.3

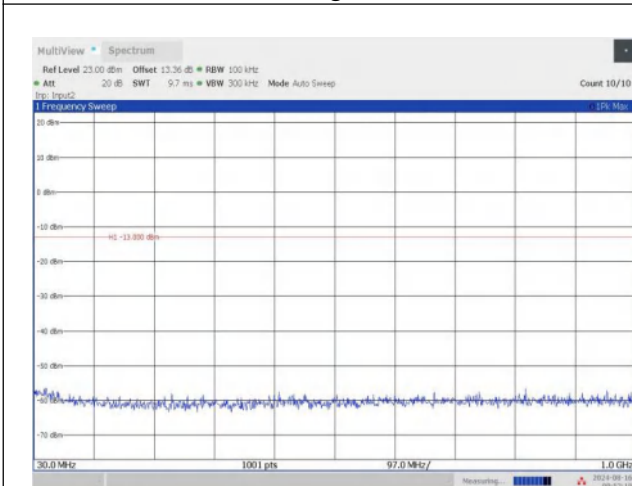


Fig.4

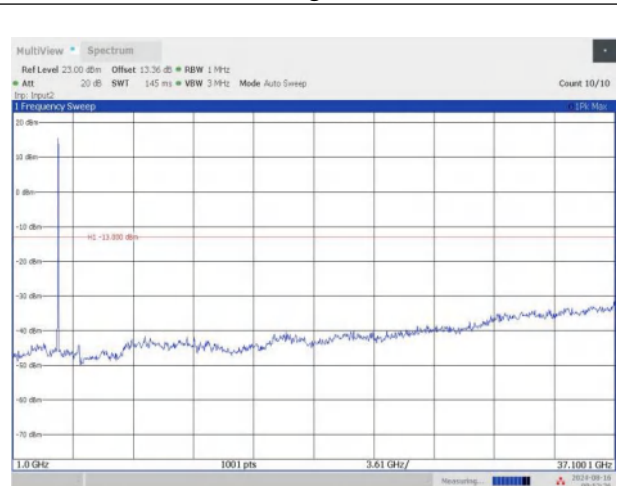


Fig.5

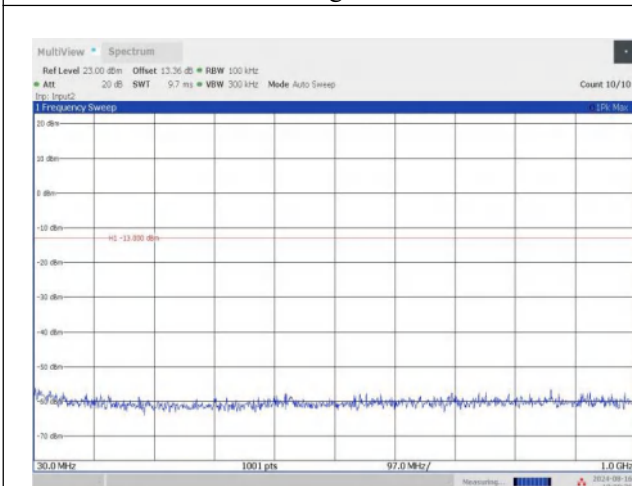


Fig.6

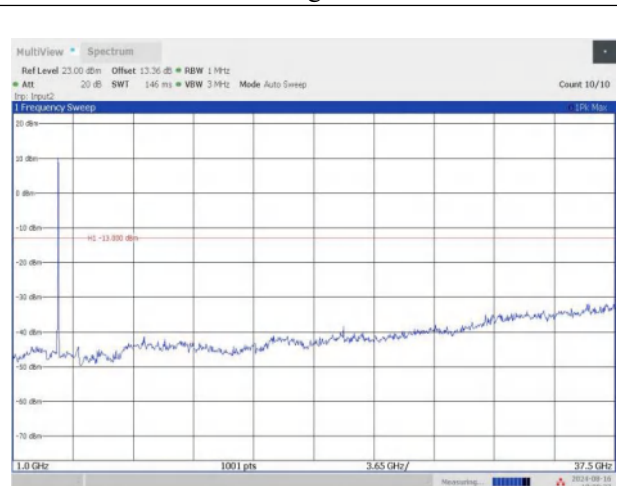


Fig.7

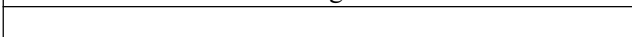
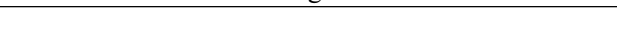


Fig.8



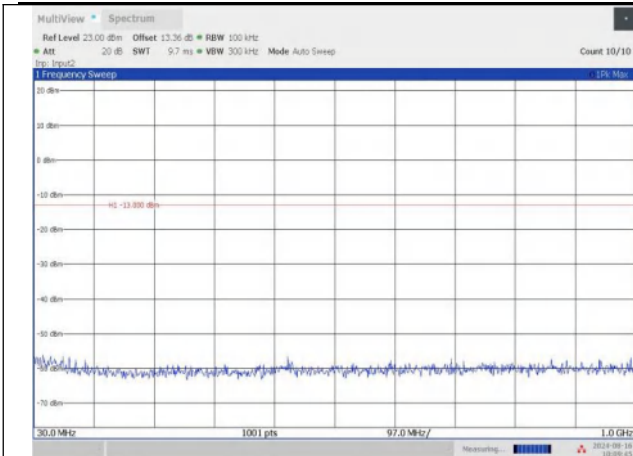


Fig.9

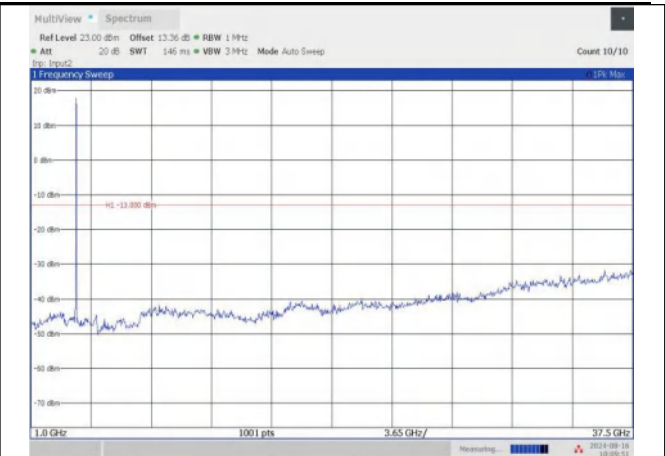


Fig.10

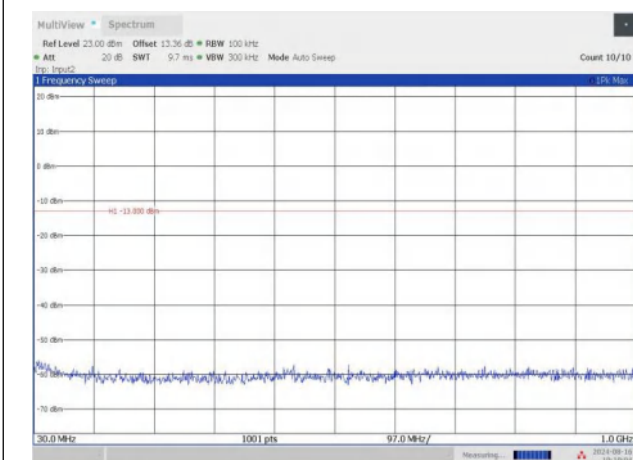


Fig.11

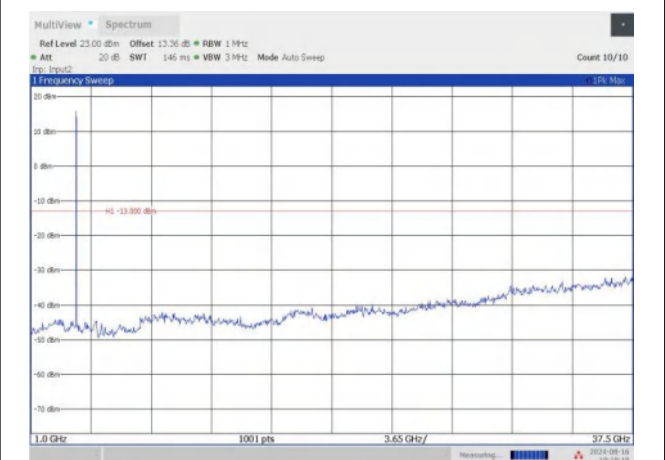


Fig.12

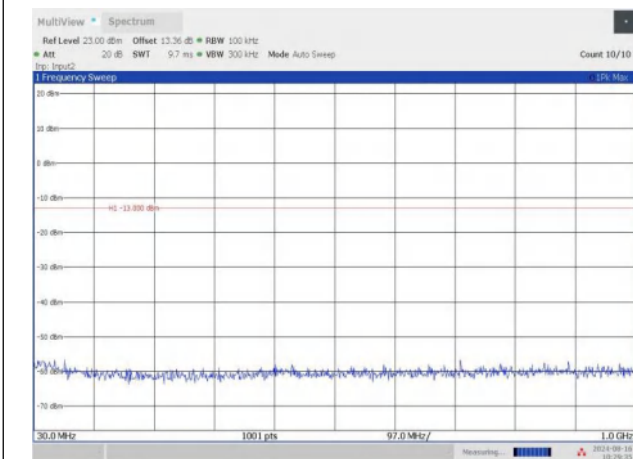


Fig.13

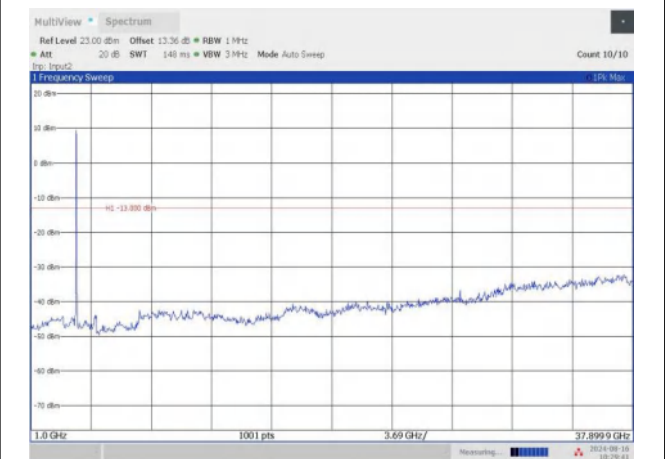


Fig.14

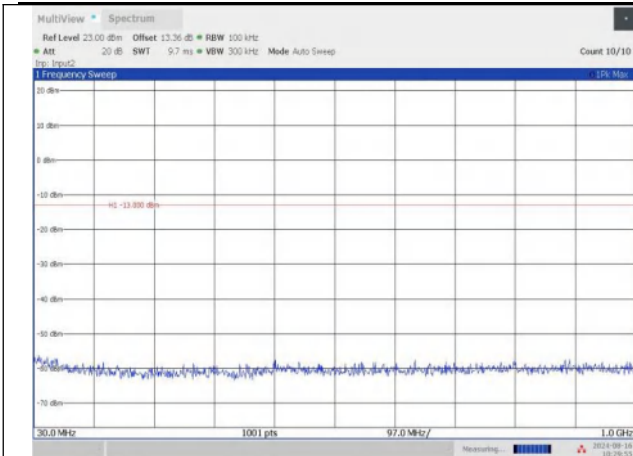


Fig.15

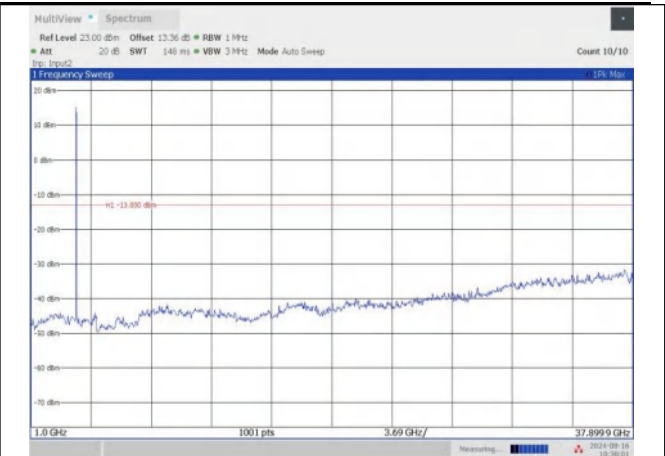


Fig.16

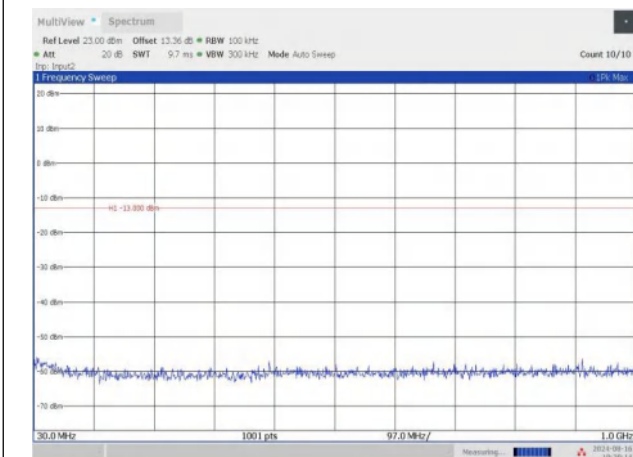


Fig.17

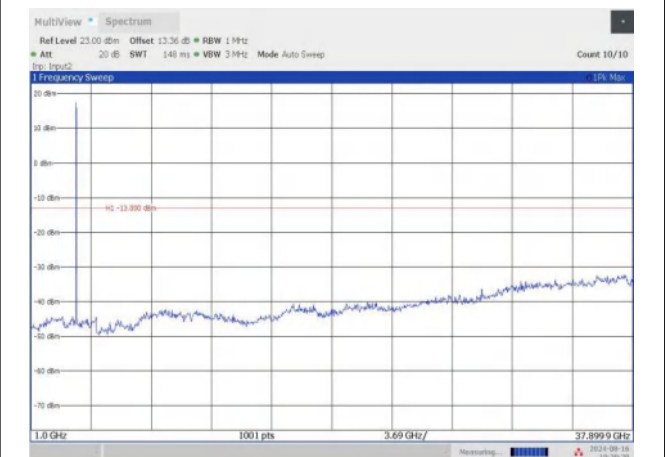


Fig.18

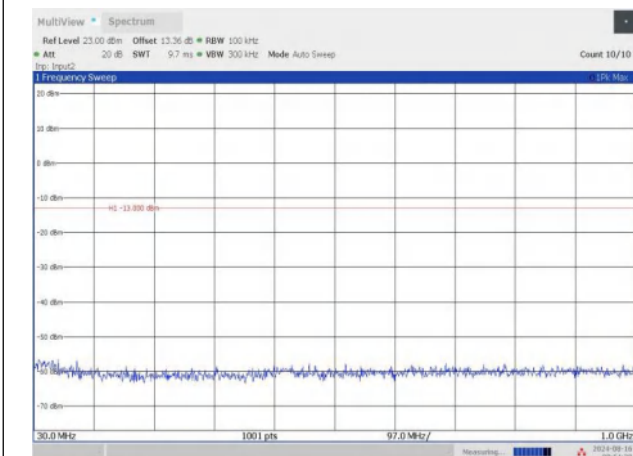


Fig.19

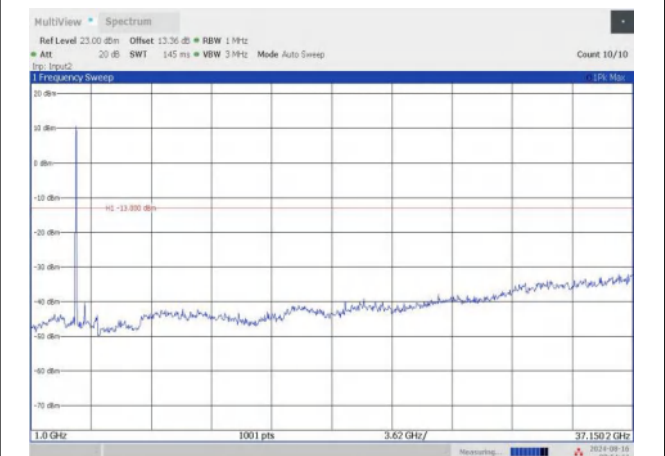


Fig.20

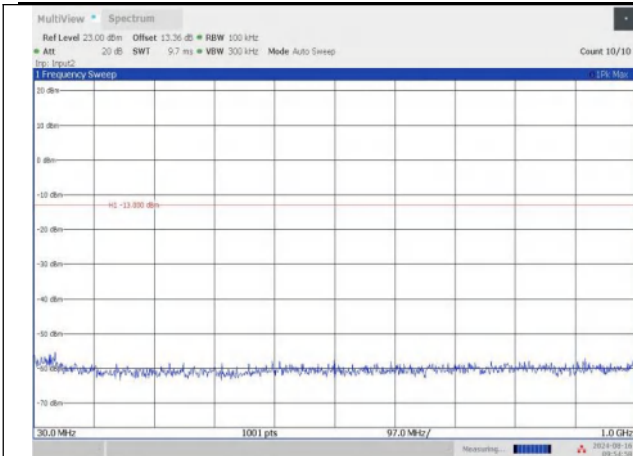


Fig.21

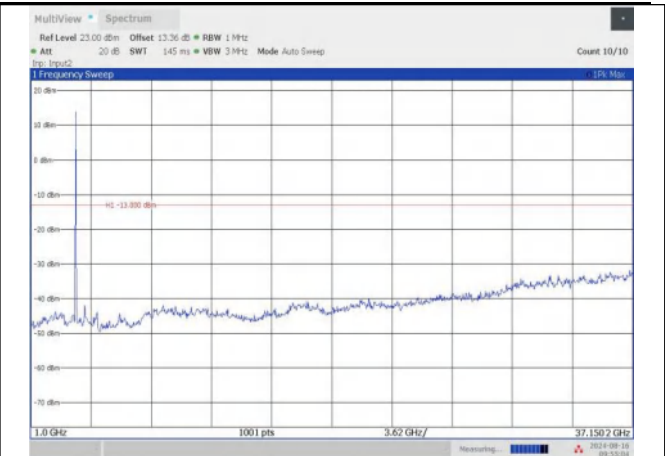


Fig.22

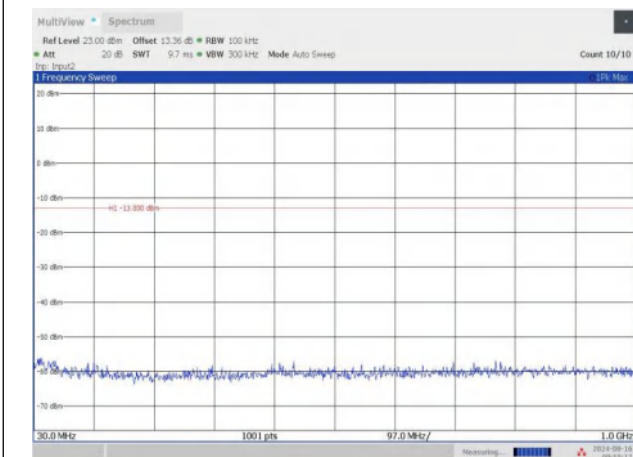


Fig.23

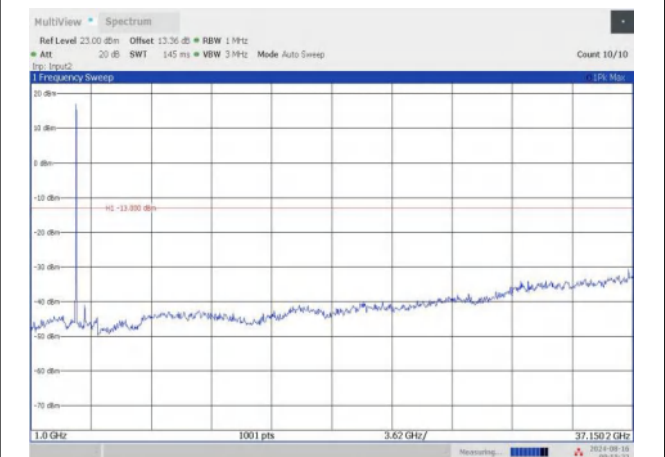


Fig.24

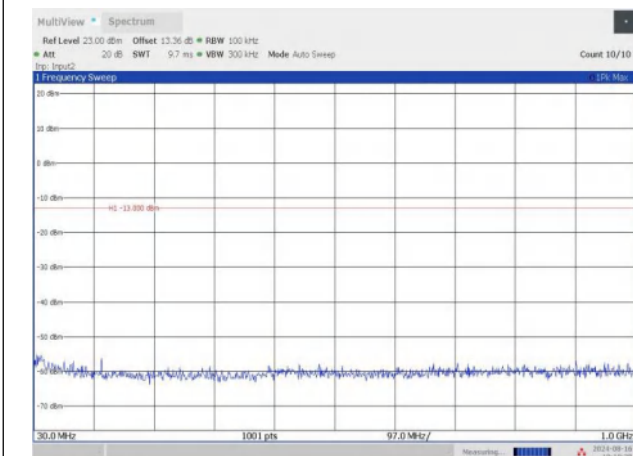


Fig.25

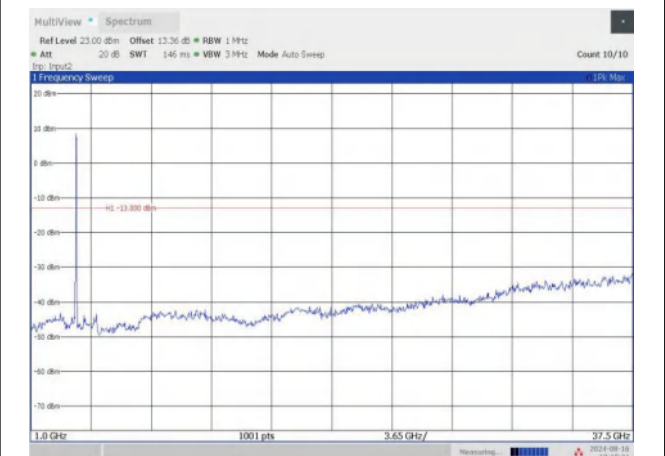


Fig.26

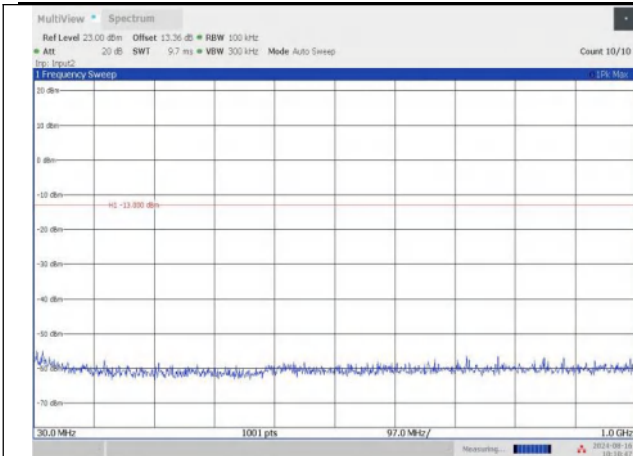


Fig.27

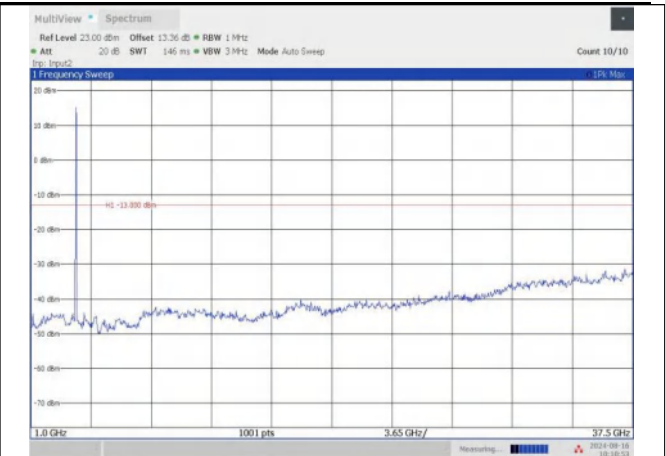


Fig.28

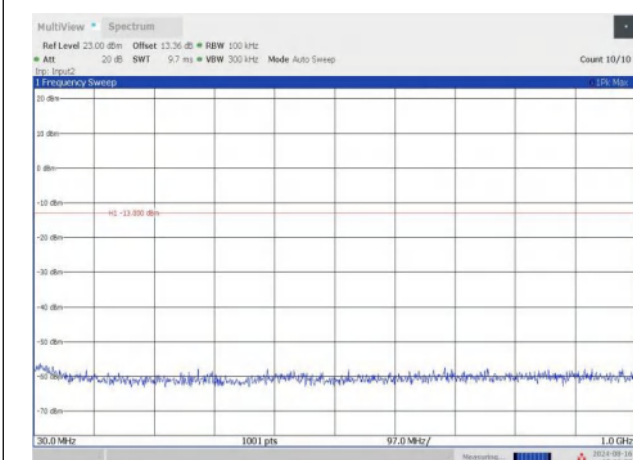


Fig.29

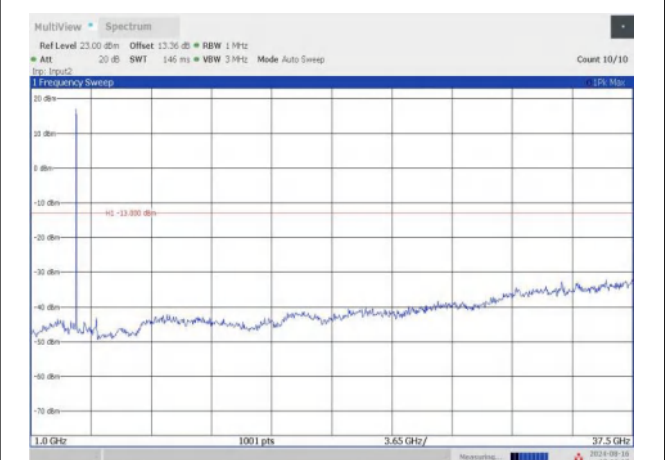


Fig.30

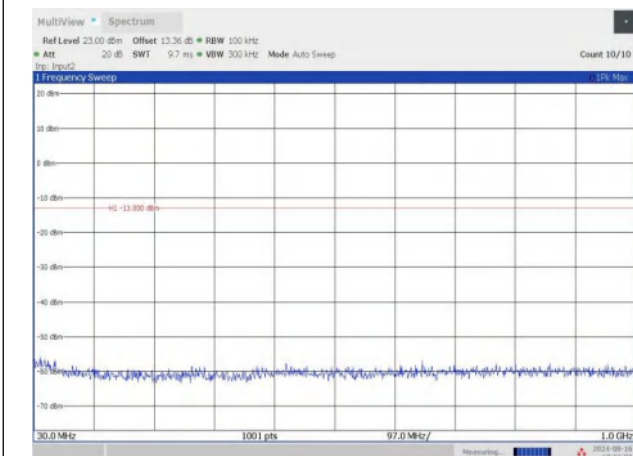


Fig.31

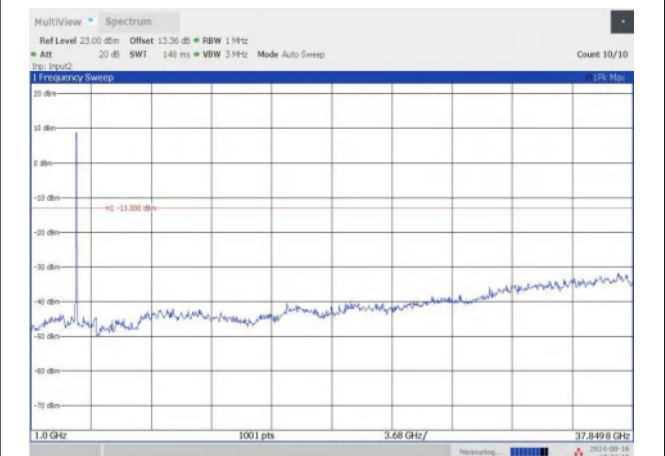


Fig.32

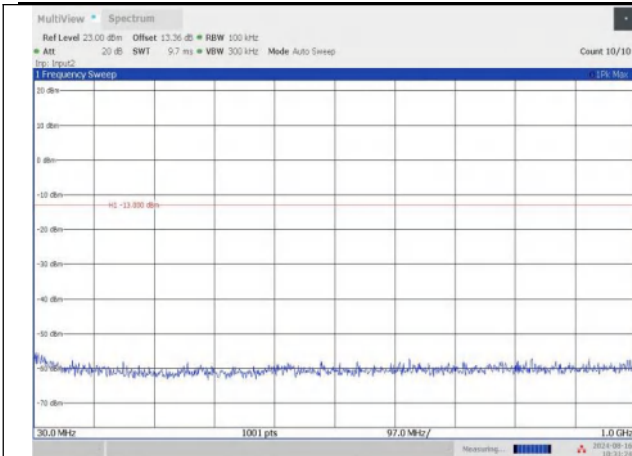


Fig.33

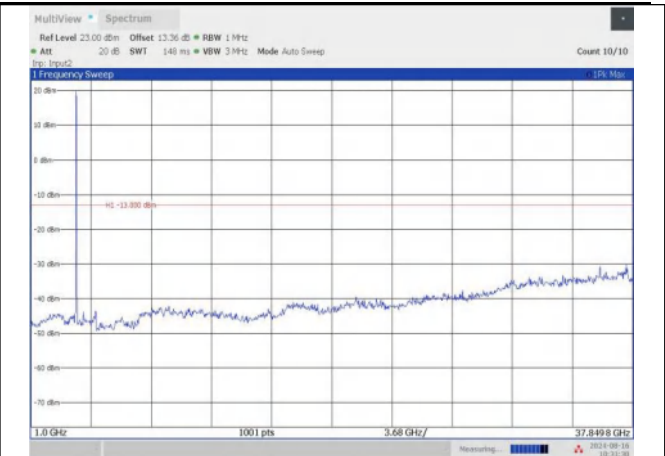


Fig.34

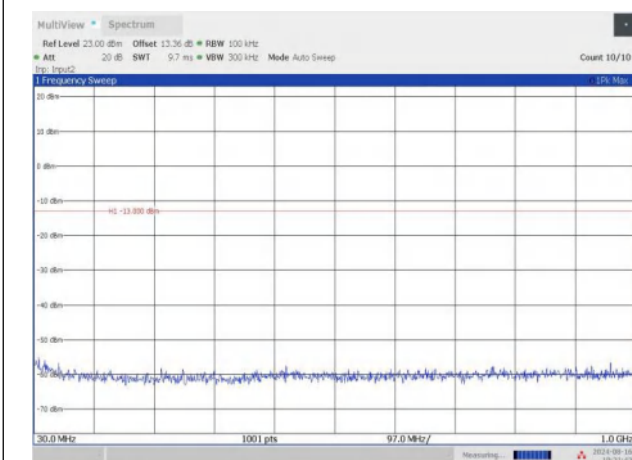


Fig.35

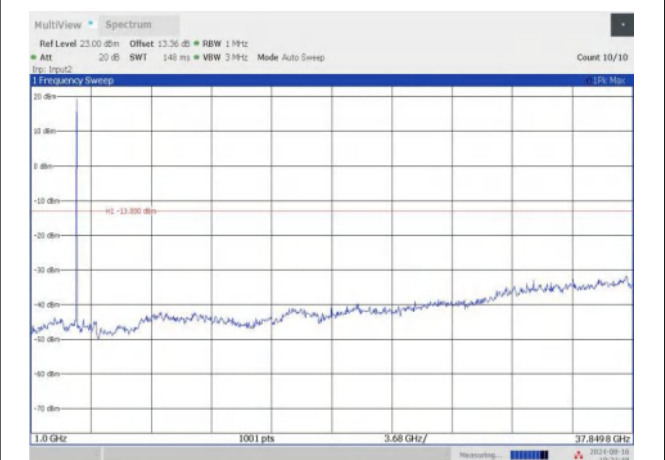


Fig.36

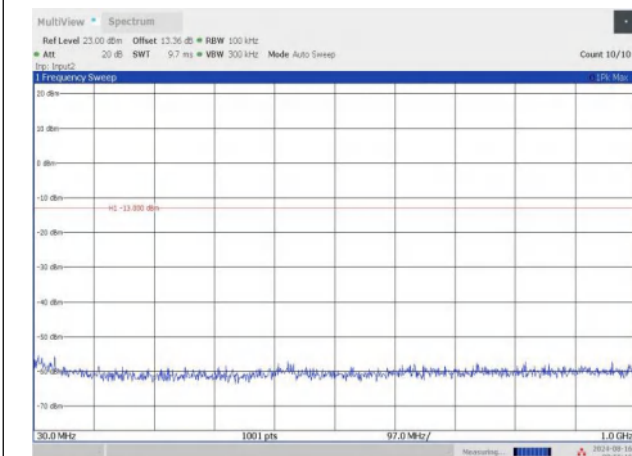


Fig.37

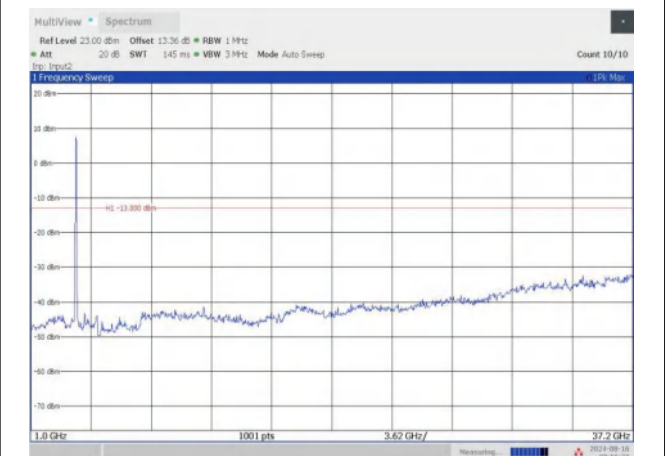


Fig.38

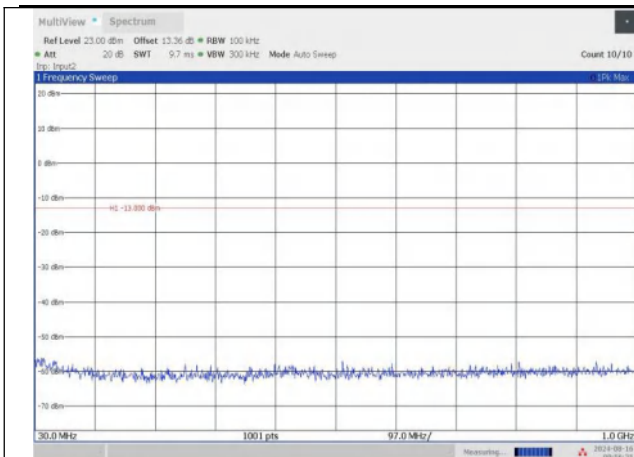


Fig.39

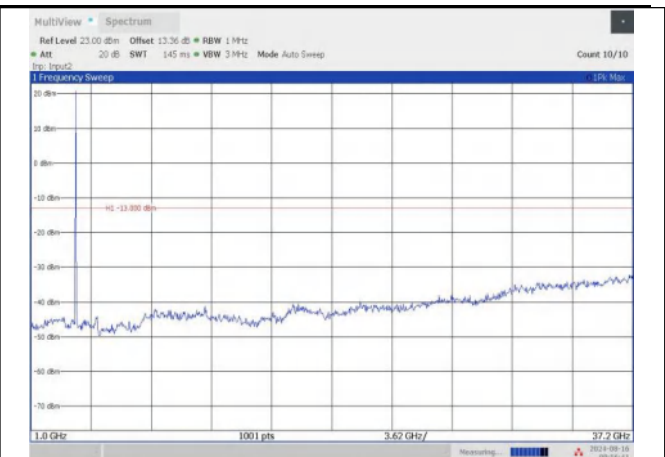


Fig.40

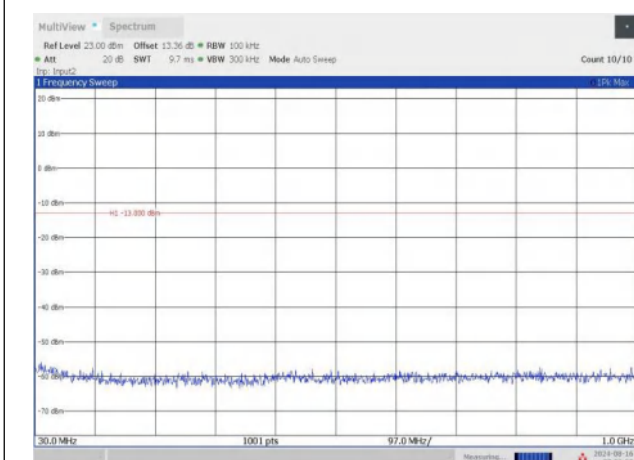


Fig.41

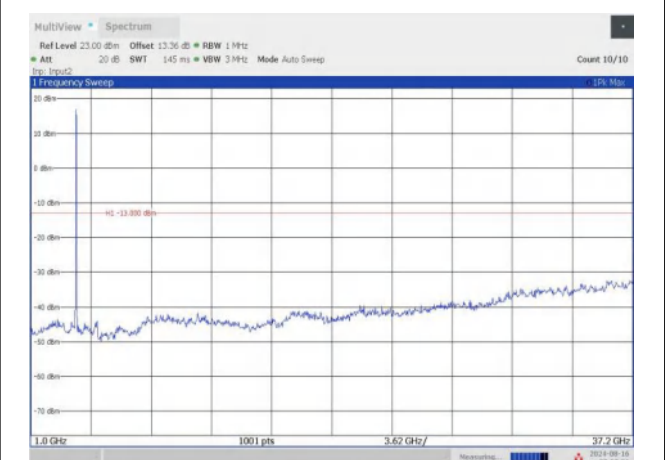


Fig.42

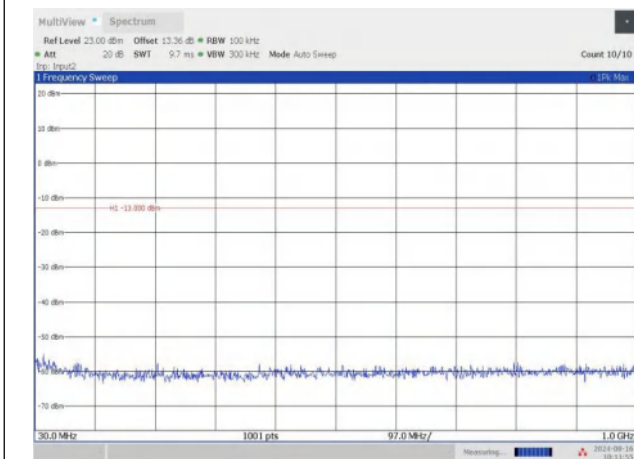


Fig.43

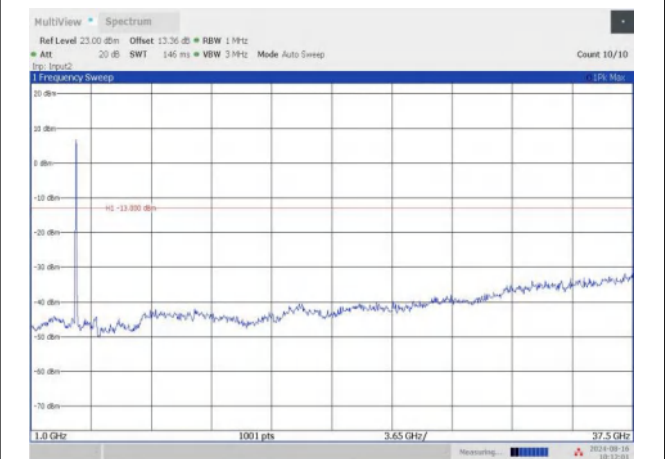


Fig.44

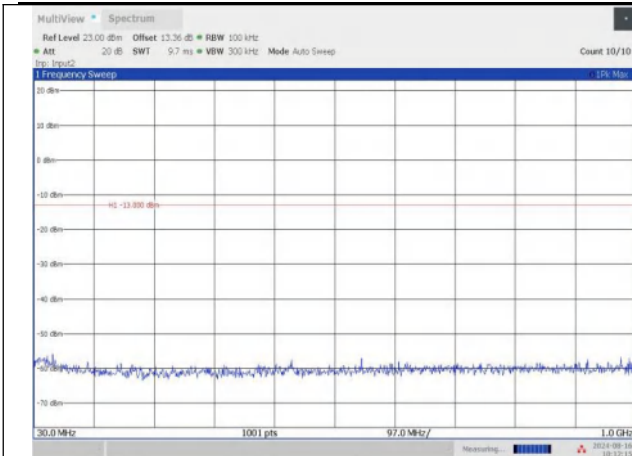


Fig.45

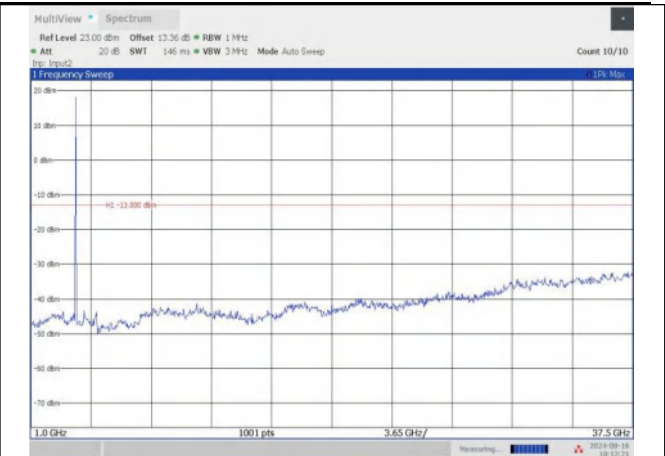


Fig.46

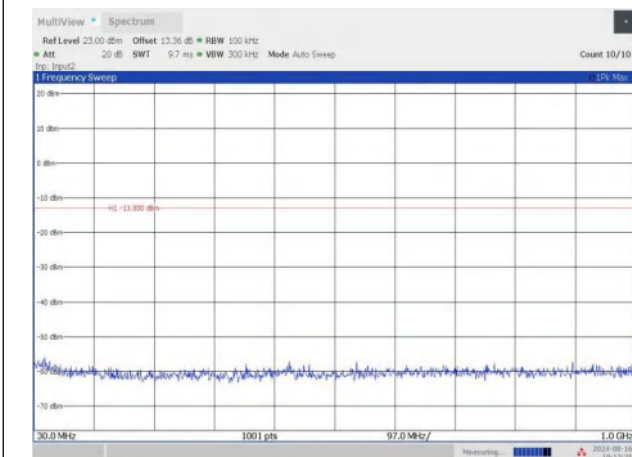


Fig.47

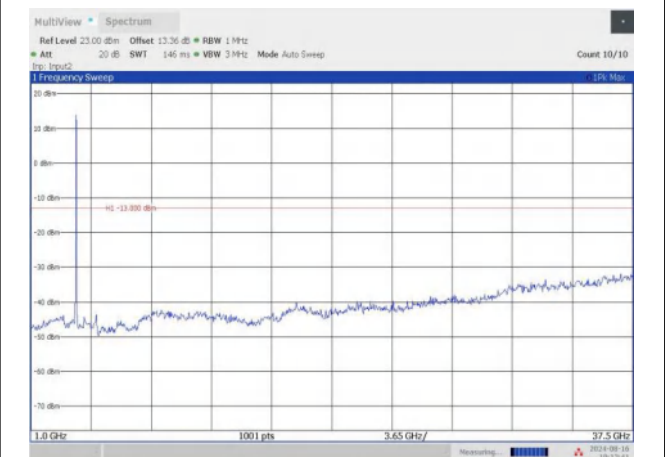


Fig.48

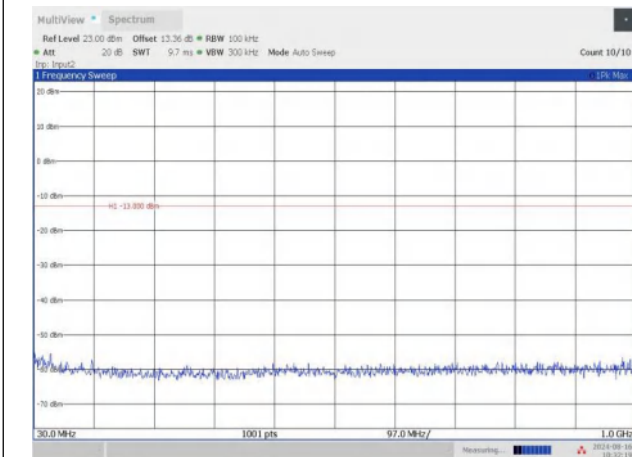


Fig.49

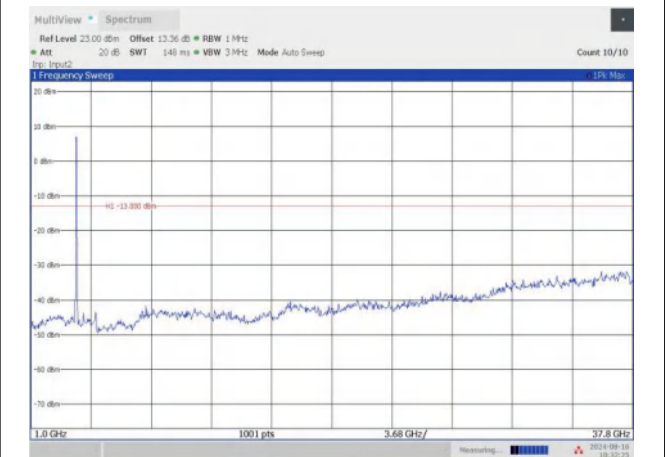


Fig.50