APPENDIX A – TEST DATA OF CONDUCTED EMISSION

N77(3550-3700)

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	3560.01	637334	20	25	12	21.76
DFT-s-OFDM PI/2 BPSK	3560.01	637334	20	1	1	21.51
DFT-s-OFDM PI/2 BPSK	3560.01	637334	20	1	49	21.35
DFT-s-OFDM PI/2 BPSK	3560.01	637334	20	50	0	21.79
DFT-s-OFDM QPSK	3560.01	637334	20	25	12	24.24
DFT-s-OFDM QPSK	3560.01	637334	20	1	1	24.34
DFT-s-OFDM QPSK	3560.01	637334	20	1	49	24.27
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	23.28
DFT-s-OFDM 16QAM	3560.01	637334	20	25	12	23.32
DFT-s-OFDM 16QAM	3560.01	637334	20	1	1	23.42
DFT-s-OFDM 16QAM	3560.01	637334	20	1	49	23.24
DFT-s-OFDM 16QAM	3560.01	637334	20	50	0	22.26
DFT-s-OFDM 64QAM	3560.01	637334	20	25	12	21.73
DFT-s-OFDM 64QAM	3560.01	637334	20	1	1	21.52
DFT-s-OFDM 64QAM	3560.01	637334	20	1	49	21.33
DFT-s-OFDM 64QAM	3560.01	637334	20	50	0	21.79
DFT-s-OFDM 256QAM	3560.01	637334	20	25	12	19.66
DFT-s-OFDM 256QAM	3560.01	637334	20	1	1	19.80
DFT-s-OFDM 256QAM	3560.01	637334	20	1	49	19.66
DFT-s-OFDM 256QAM	3560.01	637334	20	50	0	19.80
CP-OFDM QPSK	3560.01	637334	20	25	12	22.80
CP-OFDM QPSK	3560.01	637334	20	1	1	23.10
CP-OFDM QPSK	3560.01	637334	20	1	49	22.81
CP-OFDM QPSK	3560.01	637334	20	51	0	21.29
CP-OFDM 16QAM	3560.01	637334	20	25	12	22.28
CP-OFDM 16QAM	3560.01	637334	20	1	1	22.49
CP-OFDM 16QAM	3560.01	637334	20	1	49	22.34
CP-OFDM 16QAM	3560.01	637334	20	51	0	21.34
CP-OFDM 64QAM	3560.01	637334	20	25	12	20.88
CP-OFDM 64QAM	3560.01	637334	20	1	1	20.60
CP-OFDM 64QAM	3560.01	637334	20	1	49	20.44
CP-OFDM 64QAM	3560.01	637334	20	51	0	20.80
CP-OFDM 256QAM	3560.01	637334	20	25	12	17.79
CP-OFDM 256QAM	3560.01	637334	20	1	1	17.89
CP-OFDM 256QAM	3560.01	637334	20	1	49	17.83
CP-OFDM 256QAM	3560.01	637334	20	51	0	17.87
DFT-s-OFDM PI/2 BPSK	3624.99	641666	20	25	12	19.71
DFT-s-OFDM PI/2 BPSK	3624.99	641666	20	1	1	19.74
DFT-s-OFDM PI/2 BPSK	3624.99	641666	20	1	49	19.55
DFT-s-OFDM PI/2 BPSK	3624.99	641666	20	50	0	19.70

DFT-s-OFDM QPSK	3624.99	641666	20	25	12	24.24
DFT-s-OFDM QPSK	3624.99	641666	20	1	1	24.35
DFT-s-OFDM QPSK	3624.99	641666	20	1	49	24.27
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	23.31
DFT-s-OFDM 16QAM	3624.99	641666	20	25	12	23.23
DFT-s-OFDM 16QAM	3624.99	641666	20	1	1	23.42
DFT-s-OFDM 16QAM	3624.99	641666	20	1	49	23.28
DFT-s-OFDM 16QAM	3624.99	641666	20	50	0	22.29
DFT-s-OFDM 64QAM	3624.99	641666	20	25	12	21.78
DFT-s-OFDM 64QAM	3624.99	641666	20	1	1	21.40
DFT-s-OFDM 64QAM	3624.99	641666	20	1	49	21.35
DFT-s-OFDM 64QAM	3624.99	641666	20	50	0	21.72
DFT-s-OFDM 256QAM	3624.99	641666	20	25	12	19.69
DFT-s-OFDM 256QAM	3624.99	641666	20	1	1	19.67
DFT-s-OFDM 256QAM	3624.99	641666	20	1	49	19.71
DFT-s-OFDM 256QAM	3624.99	641666	20	50	0	19.73
CP-OFDM QPSK	3624.99	641666	20	25	12	22.75
CP-OFDM QPSK	3624.99	641666	20	1	1	22.79
CP-OFDM QPSK	3624.99	641666	20	1	49	22.90
CP-OFDM QPSK	3624.99	641666	20	51	0	21.29
CP-OFDM 16QAM	3624.99	641666	20	25	12	22.34
CP-OFDM 16QAM	3624.99	641666	20	1	1	22.31
CP-OFDM 16QAM	3624.99	641666	20	1	49	22.28
CP-OFDM 16QAM	3624.99	641666	20	51	0	21.31
CP-OFDM 64QAM	3624.99	641666	20	25	12	20.77
CP-OFDM 64QAM	3624.99	641666	20	1	1	20.45
CP-OFDM 64QAM	3624.99	641666	20	1	49	20.39
CP-OFDM 64QAM	3624.99	641666	20	51	0	20.83
CP-OFDM 256QAM	3624.99	641666	20	25	12	17.72
CP-OFDM 256QAM	3624.99	641666	20	1	1	17.84
CP-OFDM 256QAM	3624.99	641666	20	1	49	17.78
CP-OFDM 256QAM	3624.99	641666	20	51	0	17.76
DFT-s-OFDM PI/2 BPSK	3690	646000	20	25	12	19.55
DFT-s-OFDM PI/2 BPSK	3690	646000	20	1	1	19.50
DFT-s-OFDM PI/2 BPSK	3690	646000	20	1	49	19.50
DFT-s-OFDM PI/2 BPSK	3690	646000	20	50	0	19.52
DFT-s-OFDM QPSK	3690	646000	20	25	12	23.99
DFT-s-OFDM QPSK	3690	646000	20	1	1	24.10
DFT-s-OFDM QPSK	3690	646000	20	1	49	24.05
DFT-s-OFDM QPSK	3690	646000	20	50	0	23.14
DFT-s-OFDM 16QAM	3690	646000	20	25	12	23.07
DFT-s-OFDM 16QAM	3690	646000	20	1	1	23.09
DFT-s-OFDM 16QAM	3690	646000	20	1	49	23.15
DFT-s-OFDM 16QAM	3690	646000	20	50	0	22.11
DFT-s-OFDM 64QAM	3690	646000	20	25	12	21.58

DFT-s-OFDM 64QAM	3690	646000	20	1	1	21.27
DFT-s-OFDM 64QAM	3690	646000	20	1	49	21.21
DFT-s-OFDM 64QAM	3690	646000	20	50	0	21.54
DFT-s-OFDM 256QAM	3690	646000	20	25	12	19.50
DFT-s-OFDM 256QAM	3690	646000	20	1	1	19.52
DFT-s-OFDM 256QAM	3690	646000	20	1	49	19.53
DFT-s-OFDM 256QAM	3690	646000	20	50	0	19.49
CP-OFDM QPSK	3690	646000	20	25	12	22.53
CP-OFDM QPSK	3690	646000	20	1	1	22.71
CP-OFDM QPSK	3690	646000	20	1	49	22.53
CP-OFDM QPSK	3690	646000	20	51	0	21.05
CP-OFDM 16QAM	3690	646000	20	25	12	22.14
CP-OFDM 16QAM	3690	646000	20	1	1	22.31
CP-OFDM 16QAM	3690	646000	20	1	49	22.32
CP-OFDM 16QAM	3690	646000	20	51	0	21.10
CP-OFDM 64QAM	3690	646000	20	25	12	20.59
CP-OFDM 64QAM	3690	646000	20	1	1	20.29
CP-OFDM 64QAM	3690	646000	20	1	49	20.28
CP-OFDM 64QAM	3690	646000	20	51	0	20.56
CP-OFDM 256QAM	3690	646000	20	25	12	17.56
CP-OFDM 256QAM	3690	646000	20	1	1	17.59
CP-OFDM 256QAM	3690	646000	20	1	49	17.49
CP-OFDM 256QAM	3690	646000	20	51	0	17.54

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	36	18	19.74
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	1	1	19.76
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	1	76	19.56
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	75	0	19.73
DFT-s-OFDM QPSK	3565.02	637668	30	36	18	24.25
DFT-s-OFDM QPSK	3565.02	637668	30	1	1	24.53
DFT-s-OFDM QPSK	3565.02	637668	30	1	76	24.20
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	23.30
DFT-s-OFDM 16QAM	3565.02	637668	30	36	18	23.27
DFT-s-OFDM 16QAM	3565.02	637668	30	1	1	23.50
DFT-s-OFDM 16QAM	3565.02	637668	30	1	76	23.13
DFT-s-OFDM 16QAM	3565.02	637668	30	75	0	22.29
DFT-s-OFDM 64QAM	3565.02	637668	30	36	18	21.66
DFT-s-OFDM 64QAM	3565.02	637668	30	1	1	21.56
DFT-s-OFDM 64QAM	3565.02	637668	30	1	76	21.29
DFT-s-OFDM 64QAM	3565.02	637668	30	75	0	21.78
DFT-s-OFDM 256QAM	3565.02	637668	30	36	18	19.71
DFT-s-OFDM 256QAM	3565.02	637668	30	1	1	19.91
DFT-s-OFDM 256QAM	3565.02	637668	30	1	76	19.51

DFT-s-OFDM 256QAM	3565.02	637668	30	75	0	19.78
CP-OFDM QPSK	3565.02	637668	30	39	19	22.72
CP-OFDM QPSK	3565.02	637668	30	1	1	22.97
CP-OFDM QPSK	3565.02	637668	30	1	76	22.63
CP-OFDM QPSK	3565.02	637668	30	78	0	21.21
CP-OFDM 16QAM	3565.02	637668	30	39	19	22.22
CP-OFDM 16QAM	3565.02	637668	30	1	1	22.52
CP-OFDM 16QAM	3565.02	637668	30	1	76	22.18
CP-OFDM 16QAM	3565.02	637668	30	78	0	21.26
CP-OFDM 64QAM	3565.02	637668	30	39	19	20.77
CP-OFDM 64QAM	3565.02	637668	30	1	1	20.51
CP-OFDM 64QAM	3565.02	637668	30	1	76	20.24
CP-OFDM 64QAM	3565.02	637668	30	78	0	20.79
CP-OFDM 256QAM	3565.02	637668	30	39	19	17.69
CP-OFDM 256QAM	3565.02	637668	30	1	1	17.94
CP-OFDM 256QAM	3565.02	637668	30	1	76	17.60
CP-OFDM 256QAM	3565.02	637668	30	78	0	17.82
DFT-s-OFDM PI/2 BPSK	3624.99	641666	30	36	18	19.74
DFT-s-OFDM PI/2 BPSK	3624.99	641666	30	1	1	19.85
DFT-s-OFDM PI/2 BPSK	3624.99	641666	30	1	76	19.61
DFT-s-OFDM PI/2 BPSK	3624.99	641666	30	75	0	19.74
DFT-s-OFDM QPSK	3624.99	641666	30	36	18	24.24
DFT-s-OFDM QPSK	3624.99	641666	30	1	1	24.52
DFT-s-OFDM QPSK	3624.99	641666	30	1	76	24.15
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	23.31
DFT-s-OFDM 16QAM	3624.99	641666	30	36	18	23.25
DFT-s-OFDM 16QAM	3624.99	641666	30	1	1	23.59
DFT-s-OFDM 16QAM	3624.99	641666	30	1	76	23.22
DFT-s-OFDM 16QAM	3624.99	641666	30	75	0	22.26
DFT-s-OFDM 64QAM	3624.99	641666	30	36	18	21.74
DFT-s-OFDM 64QAM	3624.99	641666	30	1	1	21.64
DFT-s-OFDM 64QAM	3624.99	641666	30	1	76	21.30
DFT-s-OFDM 64QAM	3624.99	641666	30	75	0	21.77
DFT-s-OFDM 256QAM	3624.99	641666	30	36	18	19.80
DFT-s-OFDM 256QAM	3624.99	641666	30	1	1	19.84
DFT-s-OFDM 256QAM	3624.99	641666	30	1	76	19.63
DFT-s-OFDM 256QAM	3624.99	641666	30	75	0	19.76
CP-OFDM QPSK	3624.99	641666	30	39	19	22.71
CP-OFDM QPSK	3624.99	641666	30	1	1	23.15
CP-OFDM QPSK	3624.99	641666	30	1	76	22.74
CP-OFDM QPSK	3624.99	641666	30	78	0	21.30
CP-OFDM 16QAM	3624.99	641666	30	39	19	22.32
CP-OFDM 16QAM	3624.99	641666	30	1	1	22.63
CP-OFDM 16QAM	3624.99	641666	30	1	76	22.24
CP-OFDM 16QAM	3624.99	641666	30	78	0	21.22

CP-OFDM 64QAM	3624.99	641666	30	39	19	20.82
CP-OFDM 64QAM	3624.99	641666	30	1	1	20.62
CP-OFDM 64QAM	3624.99	641666	30	1	76	20.37
CP-OFDM 64QAM	3624.99	641666	30	78	0	20.87
CP-OFDM 256QAM	3624.99	641666	30	39	19	17.78
CP-OFDM 256QAM	3624.99	641666	30	1	1	18.01
CP-OFDM 256QAM	3624.99	641666	30	1	76	17.67
CP-OFDM 256QAM	3624.99	641666	30	78	0	17.87
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	36	18	19.56
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	1	1	19.77
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	1	76	19.49
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	75	0	19.69
DFT-s-OFDM QPSK	3684.99	645666	30	36	18	24.14
DFT-s-OFDM QPSK	3684.99	645666	30	1	1	24.25
DFT-s-OFDM QPSK	3684.99	645666	30	1	76	24.07
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	23.18
DFT-s-OFDM 16QAM	3684.99	645666	30	36	18	23.17
DFT-s-OFDM 16QAM	3684.99	645666	30	1	1	23.37
DFT-s-OFDM 16QAM	3684.99	645666	30	1	76	23.19
DFT-s-OFDM 16QAM	3684.99	645666	30	75	0	22.18
DFT-s-OFDM 64QAM	3684.99	645666	30	36	18	21.63
DFT-s-OFDM 64QAM	3684.99	645666	30	1	1	21.54
DFT-s-OFDM 64QAM	3684.99	645666	30	1	76	21.21
DFT-s-OFDM 64QAM	3684.99	645666	30	75	0	21.65
DFT-s-OFDM 256QAM	3684.99	645666	30	36	18	19.62
DFT-s-OFDM 256QAM	3684.99	645666	30	1	1	19.77
DFT-s-OFDM 256QAM	3684.99	645666	30	1	76	19.49
DFT-s-OFDM 256QAM	3684.99	645666	30	75	0	19.65
CP-OFDM QPSK	3684.99	645666	30	39	19	22.64
CP-OFDM QPSK	3684.99	645666	30	1	1	22.94
CP-OFDM QPSK	3684.99	645666	30	1	76	22.47
CP-OFDM QPSK	3684.99	645666	30	78	0	21.20
CP-OFDM 16QAM	3684.99	645666	30	39	19	22.15
CP-OFDM 16QAM	3684.99	645666	30	1	1	22.49
CP-OFDM 16QAM	3684.99	645666	30	1	76	21.99
CP-OFDM 16QAM	3684.99	645666	30	78	0	21.10
CP-OFDM 64QAM	3684.99	645666	30	39	19	20.74
CP-OFDM 64QAM	3684.99	645666	30	1	1	20.45
CP-OFDM 64QAM	3684.99	645666	30	1	76	20.13
CP-OFDM 64QAM	3684.99	645666	30	78	0	20.69
CP-OFDM 256QAM	3684.99	645666	30	39	19	17.68
CP-OFDM 256QAM	3684.99	645666	30	1	1	17.88
CP-OFDM 256QAM	3684.99	645666	30	1	76	17.42
CP-OFDM 256QAM	3684.99	645666	30	78	0	17.72

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3570	638000	40	50	25	19.76
DFT-s-OFDM PI/2 BPSK	3570	638000	40	1	1	19.75
DFT-s-OFDM PI/2 BPSK	3570	638000	40	1	104	19.74
DFT-s-OFDM PI/2 BPSK	3570	638000	40	100	0	19.77
DFT-s-OFDM QPSK	3570	638000	40	50	25	24.24
DFT-s-OFDM QPSK	3570	638000	40	1	1	24.34
DFT-s-OFDM QPSK	3570	638000	40	1	104	24.21
DFT-s-OFDM QPSK	3570	638000	40	100	0	23.30
DFT-s-OFDM 16QAM	3570	638000	40	50	25	23.25
DFT-s-OFDM 16QAM	3570	638000	40	1	1	23.44
DFT-s-OFDM 16QAM	3570	638000	40	1	104	23.30
DFT-s-OFDM 16QAM	3570	638000	40	100	0	22.27
DFT-s-OFDM 64QAM	3570	638000	40	50	25	21.79
DFT-s-OFDM 64QAM	3570	638000	40	1	1	21.52
DFT-s-OFDM 64QAM	3570	638000	40	1	104	21.37
DFT-s-OFDM 64QAM	3570	638000	40	100	0	21.83
DFT-s-OFDM 256QAM	3570	638000	40	50	25	19.76
DFT-s-OFDM 256QAM	3570	638000	40	1	1	19.95
DFT-s-OFDM 256QAM	3570	638000	40	1	104	19.67
DFT-s-OFDM 256QAM	3570	638000	40	100	0	19.82
CP-OFDM QPSK	3570	638000	40	53	26	22.80
CP-OFDM QPSK	3570	638000	40	1	1	22.76
CP-OFDM QPSK	3570	638000	40	1	104	22.77
CP-OFDM QPSK	3570	638000	40	106	0	21.22
CP-OFDM 16QAM	3570	638000	40	53	26	22.35
CP-OFDM 16QAM	3570	638000	40	1	1	22.40
CP-OFDM 16QAM	3570	638000	40	1	104	22.19
CP-OFDM 16QAM	3570	638000	40	106	0	21.29
CP-OFDM 64QAM	3570	638000	40	53	26	20.85
CP-OFDM 64QAM	3570	638000	40	1	1	20.47
CP-OFDM 64QAM	3570	638000	40	1	104	20.36
CP-OFDM 64QAM	3570	638000	40	106	0	20.83
CP-OFDM 256QAM	3570	638000	40	53	26	17.86
CP-OFDM 256QAM	3570	638000	40	1	1	17.88
CP-OFDM 256QAM	3570	638000	40	1	104	17.52
CP-OFDM 256QAM	3570	638000	40	106	0	17.83
DFT-s-OFDM PI/2 BPSK	3624.99	641666	40	50	25	19.79
DFT-s-OFDM PI/2 BPSK	3624.99	641666	40	1	1	19.93
DFT-s-OFDM PI/2 BPSK	3624.99	641666	40	1	104	19.43
DFT-s-OFDM PI/2 BPSK	3624.99	641666	40	100	0	19.72
DFT-s-OFDM QPSK	3624.99	641666	40	50	25	24.25
DFT-s-OFDM QPSK	3624.99	641666	40	1	1	24.43
DFT-s-OFDM QPSK	3624.99	641666	40	1	104	24.04

DFT-s-OFDM QPSK	3624.99	641666	40	100	0	23.30
DFT-s-OFDM 16QAM	3624.99	641666	40	50	25	23.27
DFT-s-OFDM 16QAM	3624.99	641666	40	1	1	23.40
DFT-s-OFDM 16QAM	3624.99	641666	40	1	104	23.12
DFT-s-OFDM 16QAM	3624.99	641666	40	100	0	22.27
DFT-s-OFDM 64QAM	3624.99	641666	40	50	25	21.83
DFT-s-OFDM 64QAM	3624.99	641666	40	1	1	21.59
DFT-s-OFDM 64QAM	3624.99	641666	40	1	104	21.21
DFT-s-OFDM 64QAM	3624.99	641666	40	100	0	21.83
DFT-s-OFDM 256QAM	3624.99	641666	40	50	25	19.82
DFT-s-OFDM 256QAM	3624.99	641666	40	1	1	19.79
DFT-s-OFDM 256QAM	3624.99	641666	40	1	104	19.51
DFT-s-OFDM 256QAM	3624.99	641666	40	100	0	19.82
CP-OFDM QPSK	3624.99	641666	40	53	26	22.74
CP-OFDM QPSK	3624.99	641666	40	1	1	23.06
CP-OFDM QPSK	3624.99	641666	40	1	104	22.67
CP-OFDM QPSK	3624.99	641666	40	106	0	21.26
CP-OFDM 16QAM	3624.99	641666	40	53	26	22.30
CP-OFDM 16QAM	3624.99	641666	40	1	1	22.66
CP-OFDM 16QAM	3624.99	641666	40	1	104	22.24
CP-OFDM 16QAM	3624.99	641666	40	106	0	21.33
CP-OFDM 64QAM	3624.99	641666	40	53	26	20.85
CP-OFDM 64QAM	3624.99	641666	40	1	1	20.59
CP-OFDM 64QAM	3624.99	641666	40	1	104	20.25
CP-OFDM 64QAM	3624.99	641666	40	106	0	20.80
CP-OFDM 256QAM	3624.99	641666	40	53	26	17.76
CP-OFDM 256QAM	3624.99	641666	40	1	1	17.78
CP-OFDM 256QAM	3624.99	641666	40	1	104	17.52
CP-OFDM 256QAM	3624.99	641666	40	106	0	17.78
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	50	25	19.70
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	1	1	19.66
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	1	104	19.33
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	100	0	19.64
DFT-s-OFDM QPSK	3679.98	645332	40	50	25	24.22
DFT-s-OFDM QPSK	3679.98	645332	40	1	1	24.25
DFT-s-OFDM QPSK	3679.98	645332	40	1	104	23.87
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	23.22
DFT-s-OFDM 16QAM	3679.98	645332	40	50	25	23.14
DFT-s-OFDM 16QAM	3679.98	645332	40	1	1	23.41
DFT-s-OFDM 16QAM	3679.98	645332	40	1	104	22.86
DFT-s-OFDM 16QAM	3679.98	645332	40	100	0	22.16
DFT-s-OFDM 64QAM	3679.98	645332	40	50	25	21.69
DFT-s-OFDM 64QAM	3679.98	645332	40	1	1	21.36
DFT-s-OFDM 64QAM	3679.98	645332	40	1	104	21.02
DFT-s-OFDM 64QAM	3679.98	645332	40	100	0	21.75

DFT-s-OFDM 256QAM	3679.98	645332	40	50	25	19.66
DFT-s-OFDM 256QAM	3679.98	645332	40	1	1	19.63
DFT-s-OFDM 256QAM	3679.98	645332	40	1	104	19.23
DFT-s-OFDM 256QAM	3679.98	645332	40	100	0	19.68
CP-OFDM QPSK	3679.98	645332	40	53	26	22.60
CP-OFDM QPSK	3679.98	645332	40	1	1	22.80
CP-OFDM QPSK	3679.98	645332	40	1	104	22.47
CP-OFDM QPSK	3679.98	645332	40	106	0	21.15
CP-OFDM 16QAM	3679.98	645332	40	53	26	22.17
CP-OFDM 16QAM	3679.98	645332	40	1	1	22.35
CP-OFDM 16QAM	3679.98	645332	40	1	104	22.05
CP-OFDM 16QAM	3679.98	645332	40	106	0	21.20
CP-OFDM 64QAM	3679.98	645332	40	53	26	20.71
CP-OFDM 64QAM	3679.98	645332	40	1	1	20.43
CP-OFDM 64QAM	3679.98	645332	40	1	104	20.03
CP-OFDM 64QAM	3679.98	645332	40	106	0	20.62
CP-OFDM 256QAM	3679.98	645332	40	53	26	17.62
CP-OFDM 256QAM	3679.98	645332	40	1	1	17.80
CP-OFDM 256QAM	3679.98	645332	40	1	104	17.45
CP-OFDM 256QAM	3679.98	645332	40	106	0	17.60

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	81	40	19.57
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	1	1	19.60
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	1	160	19.76
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	162	0	19.73
DFT-s-OFDM QPSK	3580.02	638668	60	81	40	24.07
DFT-s-OFDM QPSK	3580.02	638668	60	1	1	24.04
DFT-s-OFDM QPSK	3580.02	638668	60	1	160	24.36
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	23.22
DFT-s-OFDM 16QAM	3580.02	638668	60	81	40	23.11
DFT-s-OFDM 16QAM	3580.02	638668	60	1	1	23.13
DFT-s-OFDM 16QAM	3580.02	638668	60	1	160	23.36
DFT-s-OFDM 16QAM	3580.02	638668	60	162	0	22.17
DFT-s-OFDM 64QAM	3580.02	638668	60	81	40	21.54
DFT-s-OFDM 64QAM	3580.02	638668	60	1	1	21.16
DFT-s-OFDM 64QAM	3580.02	638668	60	1	160	21.40
DFT-s-OFDM 64QAM	3580.02	638668	60	162	0	21.65
DFT-s-OFDM 256QAM	3580.02	638668	60	81	40	19.64
DFT-s-OFDM 256QAM	3580.02	638668	60	1	1	19.51
DFT-s-OFDM 256QAM	3580.02	638668	60	1	160	19.81
DFT-s-OFDM 256QAM	3580.02	638668	60	162	0	19.61
CP-OFDM QPSK	3580.02	638668	60	81	40	22.59
CP-OFDM QPSK	3580.02	638668	60	1	1	22.70

CP-OFDM QPSK	3580.02	638668	60	1	160	22.91
CP-OFDM QPSK	3580.02	638668	60	162	0	21.20
CP-OFDM 16QAM	3580.02	638668	60	81	40	22.14
CP-OFDM 16QAM	3580.02	638668	60	1	1	22.18
CP-OFDM 16QAM	3580.02	638668	60	1	160	22.46
CP-OFDM 16QAM	3580.02	638668	60	162	0	21.12
CP-OFDM 64QAM	3580.02	638668	60	81	40	20.66
CP-OFDM 64QAM	3580.02	638668	60	1	1	20.22
CP-OFDM 64QAM	3580.02	638668	60	1	160	20.50
CP-OFDM 64QAM	3580.02	638668	60	162	0	20.68
CP-OFDM 256QAM	3580.02	638668	60	81	40	17.83
CP-OFDM 256QAM	3580.02	638668	60	1	1	17.55
CP-OFDM 256QAM	3580.02	638668	60	1	160	17.92
CP-OFDM 256QAM	3580.02	638668	60	162	0	17.73
DFT-s-OFDM PI/2 BPSK	3624.99	641666	60	81	40	19.69
DFT-s-OFDM PI/2 BPSK	3624.99	641666	60	1	1	19.59
DFT-s-OFDM PI/2 BPSK	3624.99	641666	60	1	160	19.65
DFT-s-OFDM PI/2 BPSK	3624.99	641666	60	162	0	19.73
DFT-s-OFDM QPSK	3624.99	641666	60	81	40	24.15
DFT-s-OFDM QPSK	3624.99	641666	60	1	1	24.16
DFT-s-OFDM QPSK	3624.99	641666	60	1	160	24.22
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	23.20
DFT-s-OFDM 16QAM	3624.99	641666	60	81	40	23.16
DFT-s-OFDM 16QAM	3624.99	641666	60	1	1	23.22
DFT-s-OFDM 16QAM	3624.99	641666	60	1	160	23.32
DFT-s-OFDM 16QAM	3624.99	641666	60	162	0	22.15
DFT-s-OFDM 64QAM	3624.99	641666	60	81	40	21.59
DFT-s-OFDM 64QAM	3624.99	641666	60	1	1	21.27
DFT-s-OFDM 64QAM	3624.99	641666	60	1	160	21.36
DFT-s-OFDM 64QAM	3624.99	641666	60	162	0	21.65
DFT-s-OFDM 256QAM	3624.99	641666	60	81	40	19.67
DFT-s-OFDM 256QAM	3624.99	641666	60	1	1	19.41
DFT-s-OFDM 256QAM	3624.99	641666	60	1	160	19.54
DFT-s-OFDM 256QAM	3624.99	641666	60	162	0	19.69
CP-OFDM QPSK	3624.99	641666	60	81	40	22.59
CP-OFDM QPSK	3624.99	641666	60	1	1	22.71
CP-OFDM QPSK	3624.99	641666	60	1	160	22.68
CP-OFDM QPSK	3624.99	641666	60	162	0	21.16
CP-OFDM 16QAM	3624.99	641666	60	81	40	22.15
CP-OFDM 16QAM	3624.99	641666	60	1	1	22.19
CP-OFDM 16QAM	3624.99	641666	60	1	160	22.21
CP-OFDM 16QAM	3624.99	641666	60	162	0	21.09
CP-OFDM 64QAM	3624.99	641666	60	81	40	20.77
CP-OFDM 64QAM	3624.99	641666	60	1	1	20.27
CP-OFDM 64QAM	3624.99	641666	60	1	160	20.36

CP-OFDM 64QAM	3624.99	641666	60	162	0	20.74
CP-OFDM 256QAM	3624.99	641666	60	81	40	17.63
CP-OFDM 256QAM	3624.99	641666	60	1	1	17.71
CP-OFDM 256QAM	3624.99	641666	60	1	160	17.60
CP-OFDM 256QAM	3624.99	641666	60	162	0	17.74
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	81	40	23.31
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	1	1	24.01
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	1	160	24.13
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	162	0	23.32
DFT-s-OFDM QPSK	3669.99	644666	60	81	40	24.31
DFT-s-OFDM QPSK	3669.99	644666	60	1	1	24.03
DFT-s-OFDM QPSK	3669.99	644666	60	1	160	24.09
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	23.32
DFT-s-OFDM 16QAM	3669.99	644666	60	81	40	23.31
DFT-s-OFDM 16QAM	3669.99	644666	60	1	1	23.18
DFT-s-OFDM 16QAM	3669.99	644666	60	1	160	23.28
DFT-s-OFDM 16QAM	3669.99	644666	60	162	0	22.27
DFT-s-OFDM 64QAM	3669.99	644666	60	81	40	21.86
DFT-s-OFDM 64QAM	3669.99	644666	60	1	1	21.25
DFT-s-OFDM 64QAM	3669.99	644666	60	1	160	21.23
DFT-s-OFDM 64QAM	3669.99	644666	60	162	0	21.81
DFT-s-OFDM 256QAM	3669.99	644666	60	81	40	19.84
DFT-s-OFDM 256QAM	3669.99	644666	60	1	1	19.51
DFT-s-OFDM 256QAM	3669.99	644666	60	1	160	19.53
DFT-s-OFDM 256QAM	3669.99	644666	60	162	0	19.77
CP-OFDM QPSK	3669.99	644666	60	81	40	22.77
CP-OFDM QPSK	3669.99	644666	60	1	1	22.72
CP-OFDM QPSK	3669.99	644666	60	1	160	22.65
CP-OFDM QPSK	3669.99	644666	60	162	0	21.20
CP-OFDM 16QAM	3669.99	644666	60	81	40	22.17
CP-OFDM 16QAM	3669.99	644666	60	1	1	22.18
CP-OFDM 16QAM	3669.99	644666	60	1	160	22.36
CP-OFDM 16QAM	3669.99	644666	60	162	0	21.23
CP-OFDM 64QAM	3669.99	644666	60	81	40	20.95
CP-OFDM 64QAM	3669.99	644666	60	1	1	20.16
CP-OFDM 64QAM	3669.99	644666	60	1	160	20.31
CP-OFDM 64QAM	3669.99	644666	60	162	0	20.67
CP-OFDM 256QAM	3669.99	644666	60	81	40	17.92
CP-OFDM 256QAM	3669.99	644666	60	1	1	17.56
CP-OFDM 256QAM	3669.99	644666	60	1	160	17.67
CP-OFDM 256QAM	3669.99	644666	60	162	0	17.73

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	108	54	19.66

DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	1	1	19.50
DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	1	215	19.37
DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	216	0	19.63
DFT-s-OFDM QPSK	3590.01	639334	80	108	54	24.24
DFT-s-OFDM QPSK	3590.01	639334	80	1	1	24.06
DFT-s-OFDM QPSK	3590.01	639334	80	1	215	24.01
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	23.21
DFT-s-OFDM 16QAM	3590.01	639334	80	108	54	23.27
DFT-s-OFDM 16QAM	3590.01	639334	80	1	1	23.20
DFT-s-OFDM 16QAM	3590.01	639334	80	1	215	23.20
DFT-s-OFDM 16QAM	3590.01	639334	80	216	0	22.17
DFT-s-OFDM 64QAM	3590.01	639334	80	108	54	21.76
DFT-s-OFDM 64QAM	3590.01	639334	80	1	1	21.26
DFT-s-OFDM 64QAM	3590.01	639334	80	1	215	21.15
DFT-s-OFDM 64QAM	3590.01	639334	80	216	0	21.79
DFT-s-OFDM 256QAM	3590.01	639334	80	108	54	19.69
DFT-s-OFDM 256QAM	3590.01	639334	80	1	1	19.64
DFT-s-OFDM 256QAM	3590.01	639334	80	1	215	19.46
DFT-s-OFDM 256QAM	3590.01	639334	80	216	0	19.61
CP-OFDM QPSK	3590.01	639334	80	109	54	22.67
CP-OFDM QPSK	3590.01	639334	80	1	1	22.61
CP-OFDM QPSK	3590.01	639334	80	1	215	22.45
CP-OFDM QPSK	3590.01	639334	80	217	0	21.15
CP-OFDM 16QAM	3590.01	639334	80	109	54	22.25
CP-OFDM 16QAM	3590.01	639334	80	1	1	22.34
CP-OFDM 16QAM	3590.01	639334	80	1	215	22.07
CP-OFDM 16QAM	3590.01	639334	80	217	0	21.23
CP-OFDM 64QAM	3590.01	639334	80	109	54	20.71
CP-OFDM 64QAM	3590.01	639334	80	1	1	20.31
CP-OFDM 64QAM	3590.01	639334	80	1	215	20.21
CP-OFDM 64QAM	3590.01	639334	80	217	0	20.68
CP-OFDM 256QAM	3590.01	639334	80	109	54	17.78
CP-OFDM 256QAM	3590.01	639334	80	1	1	17.65
CP-OFDM 256QAM	3590.01	639334	80	1	215	17.45
CP-OFDM 256QAM	3590.01	639334	80	217	0	17.75
DFT-s-OFDM PI/2 BPSK	3624.99	641666	80	108	54	19.60
DFT-s-OFDM PI/2 BPSK	3624.99	641666	80	1	1	19.46
DFT-s-OFDM PI/2 BPSK	3624.99	641666	80	1	215	19.67
DFT-s-OFDM PI/2 BPSK	3624.99	641666	80	216	0	19.62
DFT-s-OFDM QPSK	3624.99	641666	80	108	54	24.07
DFT-s-OFDM QPSK	3624.99	641666	80	1	1	24.10
DFT-s-OFDM QPSK	3624.99	641666	80	1	215	24.34
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	23.10
DFT-s-OFDM 16QAM	3624.99	641666	80	108	54	23.12
DFT-s-OFDM 16QAM	3624.99	641666	80	1	1	23.15

DFT-s-OFDM 16QAM	3624.99	641666	80	1	215	23.32
DFT-s-OFDM 16QAM	3624.99	641666	80	216	0	22.08
DFT-s-OFDM 64QAM	3624.99	641666	80	108	54	21.66
DFT-s-OFDM 64QAM	3624.99	641666	80	1	1	21.22
DFT-s-OFDM 64QAM	3624.99	641666	80	1	215	21.47
DFT-s-OFDM 64QAM	3624.99	641666	80	216	0	21.72
DFT-s-OFDM 256QAM	3624.99	641666	80	108	54	19.59
DFT-s-OFDM 256QAM	3624.99	641666	80	1	1	19.52
DFT-s-OFDM 256QAM	3624.99	641666	80	1	215	19.68
DFT-s-OFDM 256QAM	3624.99	641666	80	216	0	19.54
CP-OFDM QPSK	3624.99	641666	80	109	54	22.57
CP-OFDM QPSK	3624.99	641666	80	1	1	22.53
CP-OFDM QPSK	3624.99	641666	80	1	215	22.81
CP-OFDM QPSK	3624.99	641666	80	217	0	21.12
CP-OFDM 16QAM	3624.99	641666	80	109	54	22.13
CP-OFDM 16QAM	3624.99	641666	80	1	1	22.05
CP-OFDM 16QAM	3624.99	641666	80	1	215	22.39
CP-OFDM 16QAM	3624.99	641666	80	217	0	21.04
CP-OFDM 64QAM	3624.99	641666	80	109	54	20.58
CP-OFDM 64QAM	3624.99	641666	80	1	1	20.17
CP-OFDM 64QAM	3624.99	641666	80	1	215	20.45
CP-OFDM 64QAM	3624.99	641666	80	217	0	20.66
CP-OFDM 256QAM	3624.99	641666	80	109	54	17.62
CP-OFDM 256QAM	3624.99	641666	80	1	1	17.58
CP-OFDM 256QAM	3624.99	641666	80	1	215	17.77
CP-OFDM 256QAM	3624.99	641666	80	217	0	17.63
DFT-s-OFDM PI/2 BPSK	3660	644000	80	108	54	19.80
DFT-s-OFDM PI/2 BPSK	3660	644000	80	1	1	19.54
DFT-s-OFDM PI/2 BPSK	3660	644000	80	1	215	19.46
DFT-s-OFDM PI/2 BPSK	3660	644000	80	216	0	19.77
DFT-s-OFDM QPSK	3660	644000	80	108	54	24.37
DFT-s-OFDM QPSK	3660	644000	80	1	1	24.23
DFT-s-OFDM QPSK	3660	644000	80	1	215	24.17
DFT-s-OFDM QPSK	3660	644000	80	216	0	23.28
DFT-s-OFDM 16QAM	3660	644000	80	108	54	23.31
DFT-s-OFDM 16QAM	3660	644000	80	1	1	23.27
DFT-s-OFDM 16QAM	3660	644000	80	1	215	23.12
DFT-s-OFDM 16QAM	3660	644000	80	216	0	22.26
DFT-s-OFDM 64QAM	3660	644000	80	108	54	21.82
DFT-s-OFDM 64QAM	3660	644000	80	1	1	21.32
DFT-s-OFDM 64QAM	3660	644000	80	1	215	21.28
DFT-s-OFDM 64QAM	3660	644000	80	216	0	21.78
DFT-s-OFDM 256QAM	3660	644000	80	108	54	19.83
DFT-s-OFDM 256QAM	3660	644000	80	1	1	19.59
DFT-s-OFDM 256QAM	3660	644000	80	1	215	19.54

DFT-s-OFDM 256QAM	3660	644000	80	216	0	19.73
CP-OFDM QPSK	3660	644000	80	109	54	22.80
CP-OFDM QPSK	3660	644000	80	1	1	22.65
CP-OFDM QPSK	3660	644000	80	1	215	22.71
CP-OFDM QPSK	3660	644000	80	217	0	21.31
CP-OFDM 16QAM	3660	644000	80	109	54	22.37
CP-OFDM 16QAM	3660	644000	80	1	1	22.38
CP-OFDM 16QAM	3660	644000	80	1	215	22.19
CP-OFDM 16QAM	3660	644000	80	217	0	21.25
CP-OFDM 64QAM	3660	644000	80	109	54	20.81
CP-OFDM 64QAM	3660	644000	80	1	1	20.35
CP-OFDM 64QAM	3660	644000	80	1	215	20.30
CP-OFDM 64QAM	3660	644000	80	217	0	20.87
CP-OFDM 256QAM	3660	644000	80	109	54	17.92
CP-OFDM 256QAM	3660	644000	80	1	1	17.65
CP-OFDM 256QAM	3660	644000	80	1	215	17.67
CP-OFDM 256QAM	3660	644000	80	217	0	17.91

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	3600	640000	100	135	67	19.53
DFT-s-OFDM PI/2 BPSK	3600	640000	100	1	1	19.65
DFT-s-OFDM PI/2 BPSK	3600	640000	100	1	271	19.38
DFT-s-OFDM PI/2 BPSK	3600	640000	100	270	0	19.55
DFT-s-OFDM QPSK	3600	640000	100	135	67	24.15
DFT-s-OFDM QPSK	3600	640000	100	1	1	24.12
DFT-s-OFDM QPSK	3600	640000	100	1	271	24.08
DFT-s-OFDM QPSK	3600	640000	100	270	0	23.07
DFT-s-OFDM 16QAM	3600	640000	100	135	67	23.24
DFT-s-OFDM 16QAM	3600	640000	100	1	1	23.26
DFT-s-OFDM 16QAM	3600	640000	100	1	271	23.18
DFT-s-OFDM 16QAM	3600	640000	100	270	0	22.05
DFT-s-OFDM 64QAM	3600	640000	100	135	67	21.78
DFT-s-OFDM 64QAM	3600	640000	100	1	1	21.33
DFT-s-OFDM 64QAM	3600	640000	100	1	271	21.23
DFT-s-OFDM 64QAM	3600	640000	100	270	0	21.52
DFT-s-OFDM 256QAM	3600	640000	100	135	67	19.73
DFT-s-OFDM 256QAM	3600	640000	100	1	1	19.47
DFT-s-OFDM 256QAM	3600	640000	100	1	271	19.54
DFT-s-OFDM 256QAM	3600	640000	100	270	0	19.56
CP-OFDM QPSK	3600	640000	100	137	68	22.61
CP-OFDM QPSK	3600	640000	100	1	1	22.65
CP-OFDM QPSK	3600	640000	100	1	271	22.67
CP-OFDM QPSK	3600	640000	100	273	0	21.04
CP-OFDM 16QAM	3600	640000	100	137	68	22.15

CP-OFDM 16QAM	3600	640000	100	1	1	22.30
CP-OFDM 16QAM	3600	640000	100	1	271	22.23
CP-OFDM 16QAM	3600	640000	100	273	0	21.06
CP-OFDM 64QAM	3600	640000	100	137	68	20.61
CP-OFDM 64QAM	3600	640000	100	1	1	20.29
CP-OFDM 64QAM	3600	640000	100	1	271	20.19
CP-OFDM 64QAM	3600	640000	100	273	0	20.62
CP-OFDM 256QAM	3600	640000	100	137	68	17.66
CP-OFDM 256QAM	3600	640000	100	1	1	17.74
CP-OFDM 256QAM	3600	640000	100	1	271	17.47
CP-OFDM 256QAM	3600	640000	100	273	0	17.56
DFT-s-OFDM PI/2 BPSK	3624.99	641666	100	135	67	19.63
DFT-s-OFDM PI/2 BPSK	3624.99	641666	100	1	1	19.48
DFT-s-OFDM PI/2 BPSK	3624.99	641666	100	1	271	19.59
DFT-s-OFDM PI/2 BPSK	3624.99	641666	100	270	0	19.65
DFT-s-OFDM QPSK	3624.99	641666	100	135	67	24.12
DFT-s-OFDM QPSK	3624.99	641666	100	1	1	23.97
DFT-s-OFDM QPSK	3624.99	641666	100	1	271	24.11
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	23.16
DFT-s-OFDM 16QAM	3624.99	641666	100	135	67	23.12
DFT-s-OFDM 16QAM	3624.99	641666	100	1	1	23.04
DFT-s-OFDM 16QAM	3624.99	641666	100	1	271	23.12
DFT-s-OFDM 16QAM	3624.99	641666	100	270	0	22.22
DFT-s-OFDM 64QAM	3624.99	641666	100	135	67	21.67
DFT-s-OFDM 64QAM	3624.99	641666	100	1	1	21.08
DFT-s-OFDM 64QAM	3624.99	641666	100	1	271	21.25
DFT-s-OFDM 64QAM	3624.99	641666	100	270	0	21.70
DFT-s-OFDM 256QAM	3624.99	641666	100	135	67	19.76
DFT-s-OFDM 256QAM	3624.99	641666	100	1	1	19.37
DFT-s-OFDM 256QAM	3624.99	641666	100	1	271	19.52
DFT-s-OFDM 256QAM	3624.99	641666	100	270	0	19.59
CP-OFDM QPSK	3624.99	641666	100	137	68	22.63
CP-OFDM QPSK	3624.99	641666	100	1	1	22.59
CP-OFDM QPSK	3624.99	641666	100	1	271	22.55
CP-OFDM QPSK	3624.99	641666	100	273	0	21.12
CP-OFDM 16QAM	3624.99	641666	100	137	68	22.13
CP-OFDM 16QAM	3624.99	641666	100	1	1	22.13
CP-OFDM 16QAM	3624.99	641666	100	1	271	22.31
CP-OFDM 16QAM	3624.99	641666	100	273	0	21.23
CP-OFDM 64QAM	3624.99	641666	100	137	68	20.65
CP-OFDM 64QAM	3624.99	641666	100	1	1	20.14
CP-OFDM 64QAM	3624.99	641666	100	1	271	20.25
CP-OFDM 64QAM	3624.99	641666	100	273	0	20.64
CP-OFDM 256QAM	3624.99	641666	100	137	68	17.75
CP-OFDM 256QAM	3624.99	641666	100	1	1	17.38

CP-OFDM 256QAM	3624.99	641666	100	1	271	17.68
CP-OFDM 256QAM	3624.99	641666	100	273	0	17.63
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	135	67	19.80
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	1	1	19.97
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	1	271	19.50
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	270	0	19.84
DFT-s-OFDM QPSK	3649.98	643332	100	135	67	24.35
DFT-s-OFDM QPSK	3649.98	643332	100	1	1	24.49
DFT-s-OFDM QPSK	3649.98	643332	100	1	271	24.19
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	23.36
DFT-s-OFDM 16QAM	3649.98	643332	100	135	67	23.35
DFT-s-OFDM 16QAM	3649.98	643332	100	1	1	23.65
DFT-s-OFDM 16QAM	3649.98	643332	100	1	271	23.27
DFT-s-OFDM 16QAM	3649.98	643332	100	270	0	22.33
DFT-s-OFDM 64QAM	3649.98	643332	100	135	67	21.80
DFT-s-OFDM 64QAM	3649.98	643332	100	1	1	21.65
DFT-s-OFDM 64QAM	3649.98	643332	100	1	271	21.30
DFT-s-OFDM 64QAM	3649.98	643332	100	270	0	21.85
DFT-s-OFDM 256QAM	3649.98	643332	100	135	67	19.95
DFT-s-OFDM 256QAM	3649.98	643332	100	1	1	19.83
DFT-s-OFDM 256QAM	3649.98	643332	100	1	271	19.57
DFT-s-OFDM 256QAM	3649.98	643332	100	270	0	19.76
CP-OFDM QPSK	3649.98	643332	100	137	68	22.78
CP-OFDM QPSK	3649.98	643332	100	1	1	22.88
CP-OFDM QPSK	3649.98	643332	100	1	271	22.63
CP-OFDM QPSK	3649.98	643332	100	273	0	21.36
CP-OFDM 16QAM	3649.98	643332	100	137	68	22.30
CP-OFDM 16QAM	3649.98	643332	100	1	1	22.66
CP-OFDM 16QAM	3649.98	643332	100	1	271	22.24
CP-OFDM 16QAM	3649.98	643332	100	273	0	21.38
CP-OFDM 64QAM	3649.98	643332	100	137	68	20.79
CP-OFDM 64QAM	3649.98	643332	100	1	1	20.66
CP-OFDM 64QAM	3649.98	643332	100	1	271	20.23
CP-OFDM 64QAM	3649.98	643332	100	273	0	20.81
CP-OFDM 256QAM	3649.98	643332	100	137	68	17.87
CP-OFDM 256QAM	3649.98	643332	100	1	1	17.99
CP-OFDM 256QAM	3649.98	643332	100	1	271	17.73
CP-OFDM 256QAM	3649.98	643332	100	273	0	17.91

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	3560.01	637334	20	51	0	18.260	Fig.1
CP-OFDM 16QAM	3560.01	637334	20	51	0	18.280	Fig.2
CP-OFDM 64QAM	3560.01	637334	20	51	0	18.270	Fig.3
CP-OFDM 256QAM	3560.01	637334	20	51	0	18.240	Fig.4
CP-OFDM QPSK	3624.99	641666	20	51	0	18.290	Fig.5
CP-OFDM 16QAM	3624.99	641666	20	51	0	18.270	Fig.6
CP-OFDM 64QAM	3624.99	641666	20	51	0	18.240	Fig.7
CP-OFDM 256QAM	3624.99	641666	20	51	0	18.260	Fig.8
CP-OFDM QPSK	3690	646000	20	51	0	18.290	Fig.9
CP-OFDM 16QAM	3690	646000	20	51	0	18.270	Fig.10
CP-OFDM 64QAM	3690	646000	20	51	0	18.280	Fig.11
CP-OFDM 256QAM	3690	646000	20	51	0	18.270	Fig.12
CP-OFDM QPSK	3565.02	637668	30	78	0	27.880	Fig.13
CP-OFDM 16QAM	3565.02	637668	30	78	0	27.870	Fig.14
CP-OFDM 64QAM	3565.02	637668	30	78	0	27.860	Fig.15
CP-OFDM 256QAM	3565.02	637668	30	78	0	27.900	Fig.16
CP-OFDM QPSK	3624.99	641666	30	78	0	27.870	Fig.17
CP-OFDM 16QAM	3624.99	641666	30	78	0	27.860	Fig.18
CP-OFDM 64QAM	3624.99	641666	30	78	0	27.850	Fig.19
CP-OFDM 256QAM	3624.99	641666	30	78	0	27.890	Fig.20
CP-OFDM QPSK	3684.99	645666	30	78	0	27.870	Fig.21
CP-OFDM 16QAM	3684.99	645666	30	78	0	27.890	Fig.22
CP-OFDM 64QAM	3684.99	645666	30	78	0	27.870	Fig.23
CP-OFDM 256QAM	3684.99	645666	30	78	0	27.930	Fig.24
CP-OFDM QPSK	3570	638000	40	106	0	38.260	Fig.25
CP-OFDM 16QAM	3570	638000	40	106	0	38.220	Fig.26
CP-OFDM 64QAM	3570	638000	40	106	0	38.240	Fig.27
CP-OFDM 256QAM	3570	638000	40	106	0	38.250	Fig.28
CP-OFDM QPSK	3624.99	641666	40	106	0	38.190	Fig.29
CP-OFDM 16QAM	3624.99	641666	40	106	0	38.110	Fig.30
CP-OFDM 64QAM	3624.99	641666	40	106	0	38.120	Fig.31
CP-OFDM 256QAM	3624.99	641666	40	106	0	38.160	Fig.32
CP-OFDM QPSK	3679.98	645332	40	106	0	38.260	Fig.33
CP-OFDM 16QAM	3679.98	645332	40	106	0	38.220	Fig.34
CP-OFDM 64QAM	3679.98	645332	40	106	0	38.270	Fig.35
CP-OFDM 256QAM	3679.98	645332	40	106	0	38.230	Fig.36
CP-OFDM QPSK	3580.02	638668	60	162	0	58.080	Fig.37
CP-OFDM 16QAM	3580.02	638668	60	162	0	58.160	Fig.38
CP-OFDM 64QAM	3580.02	638668	60	162	0	58.120	Fig.39
CP-OFDM 256QAM	3580.02	638668	60	162	0	58.090	Fig.40
CP-OFDM QPSK	3624.99	641666	60	162	0	58.010	Fig.41
CP-OFDM 16QAM	3624.99	641666	60	162	0	58.050	Fig.42

CP-OFDM 64QAM	3624.99	641666	60	162	0	58.060	Fig.43
CP-OFDM 256QAM	3624.99	641666	60	162	0	58.040	Fig.44
CP-OFDM QPSK	3669.99	644666	60	162	0	58.120	Fig.45
CP-OFDM 16QAM	3669.99	644666	60	162	0	58.140	Fig.46
CP-OFDM 64QAM	3669.99	644666	60	162	0	58.100	Fig.47
CP-OFDM 256QAM	3669.99	644666	60	162	0	58.120	Fig.48
CP-OFDM QPSK	3590.01	639334	80	217	0	77.550	Fig.49
CP-OFDM 16QAM	3590.01	639334	80	217	0	77.620	Fig.50
CP-OFDM 64QAM	3590.01	639334	80	217	0	77.610	Fig.51
CP-OFDM 256QAM	3590.01	639334	80	217	0	77.560	Fig.52
CP-OFDM QPSK	3624.99	641666	80	217	0	77.480	Fig.53
CP-OFDM 16QAM	3624.99	641666	80	217	0	77.550	Fig.54
CP-OFDM 64QAM	3624.99	641666	80	217	0	77.530	Fig.55
CP-OFDM 256QAM	3624.99	641666	80	217	0	77.510	Fig.56
CP-OFDM QPSK	3660	644000	80	217	0	77.610	Fig.57
CP-OFDM 16QAM	3660	644000	80	217	0	77.580	Fig.58
CP-OFDM 64QAM	3660	644000	80	217	0	77.650	Fig.59
CP-OFDM 256QAM	3660	644000	80	217	0	77.600	Fig.60
CP-OFDM QPSK	3600	640000	100	273	0	97.510	Fig.61
CP-OFDM 16QAM	3600	640000	100	273	0	97.490	Fig.62
CP-OFDM 64QAM	3600	640000	100	273	0	97.430	Fig.63
CP-OFDM 256QAM	3600	640000	100	273	0	97.580	Fig.64
CP-OFDM QPSK	3624.99	641666	100	273	0	97.380	Fig.65
CP-OFDM 16QAM	3624.99	641666	100	273	0	97.540	Fig.66
CP-OFDM 64QAM	3624.99	641666	100	273	0	97.320	Fig.67
CP-OFDM 256QAM	3624.99	641666	100	273	0	97.370	Fig.68
CP-OFDM QPSK	3649.98	643332	100	273	0	97.550	Fig.69
CP-OFDM 16QAM	3649.98	643332	100	273	0	97.580	Fig.70
CP-OFDM 64QAM	3649.98	643332	100	273	0	97.530	Fig.71
CP-OFDM 256QAM	3649.98	643332	100	273	0	97.550	Fig.72

Test Plot:

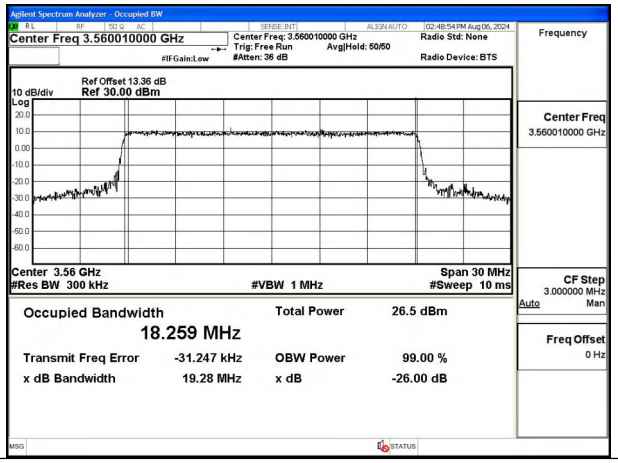


Fig.1

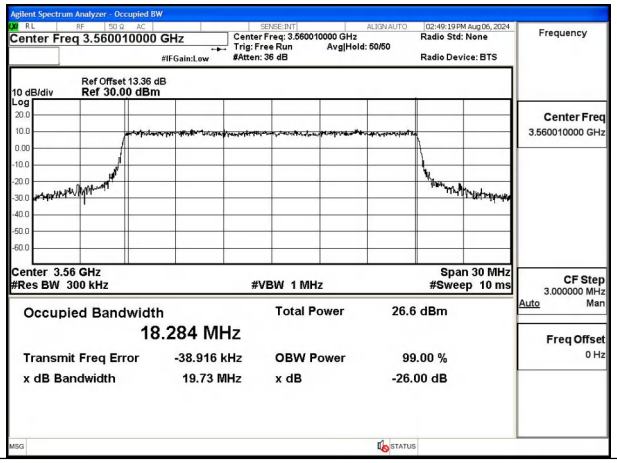


Fig.2

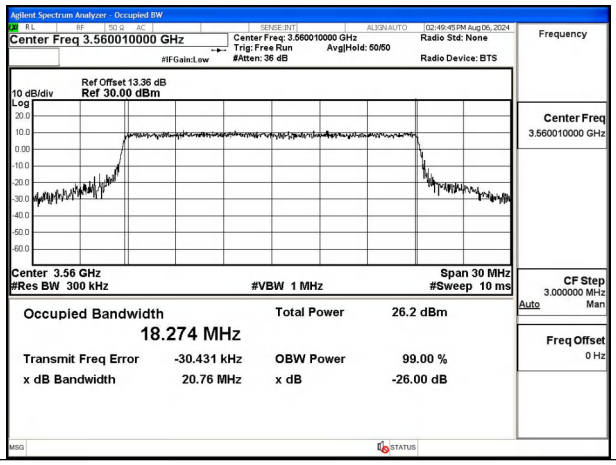


Fig.3

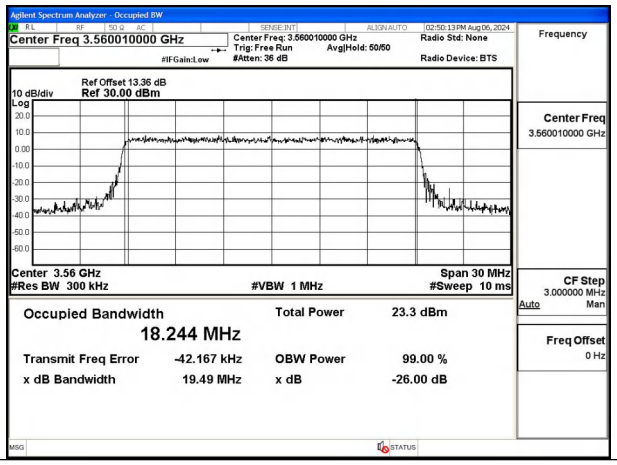


Fig.4

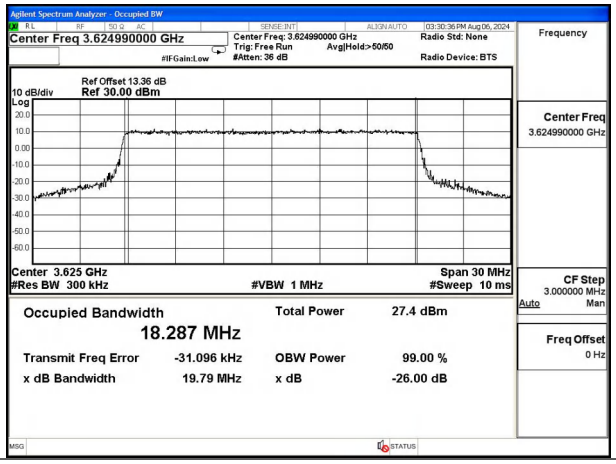


Fig.5

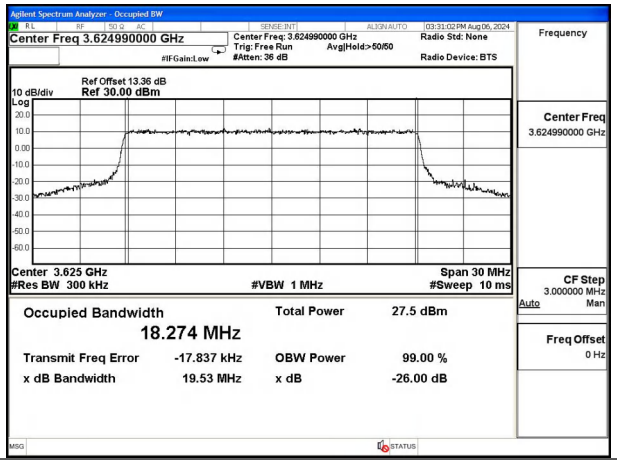


Fig.6

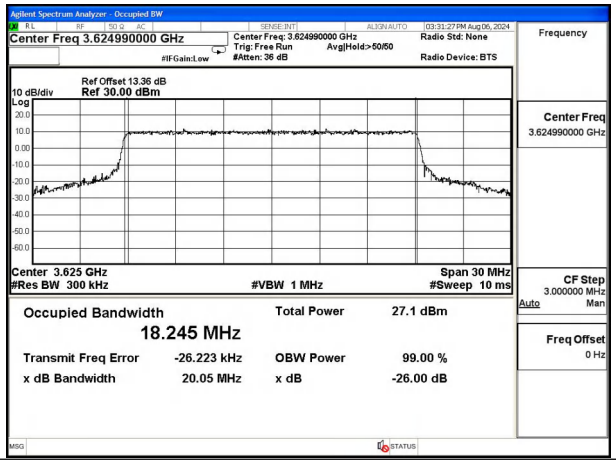


Fig.7

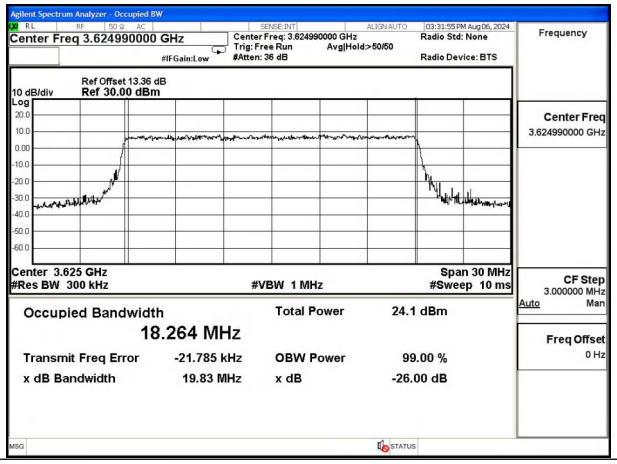


Fig.8

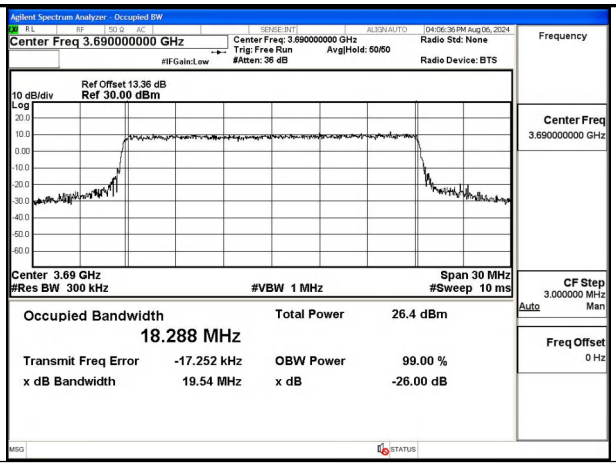


Fig.9

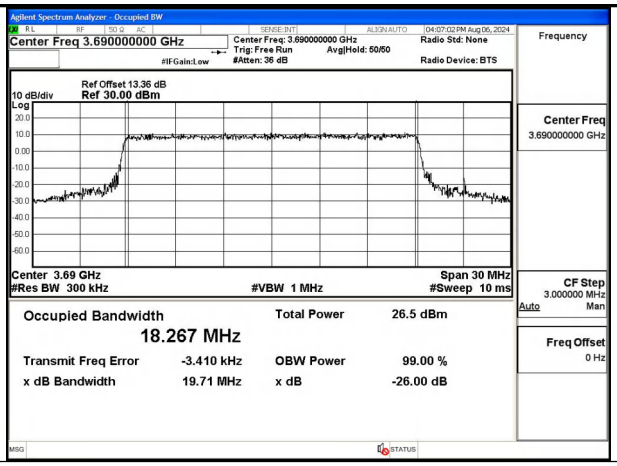


Fig.10

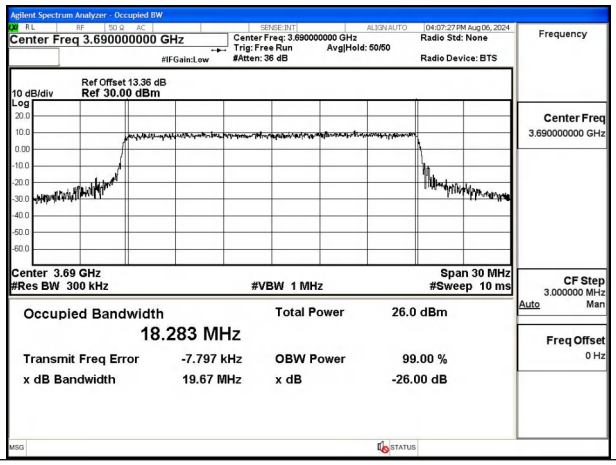


Fig.11

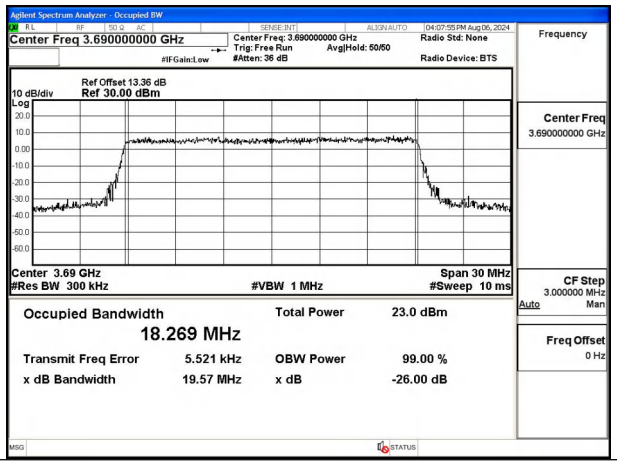


Fig.12

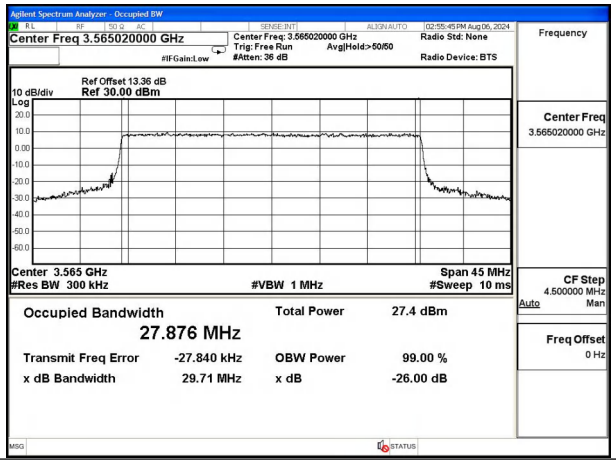


Fig.13

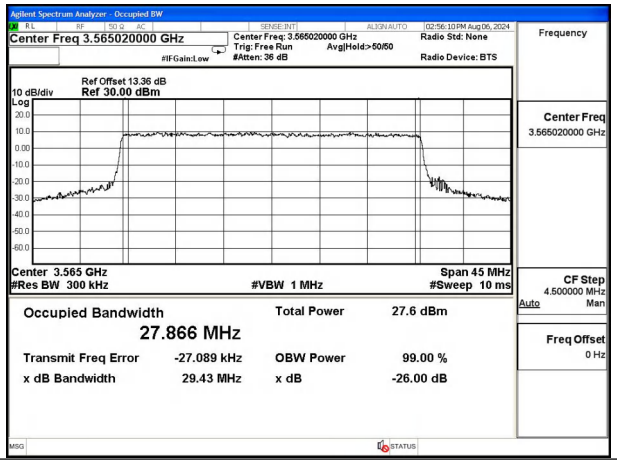


Fig.14

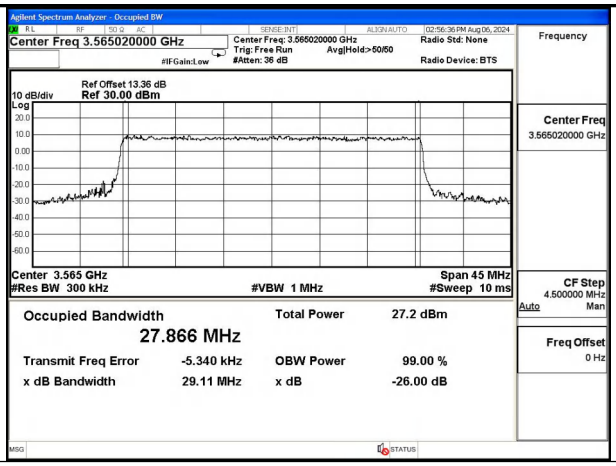


Fig.15

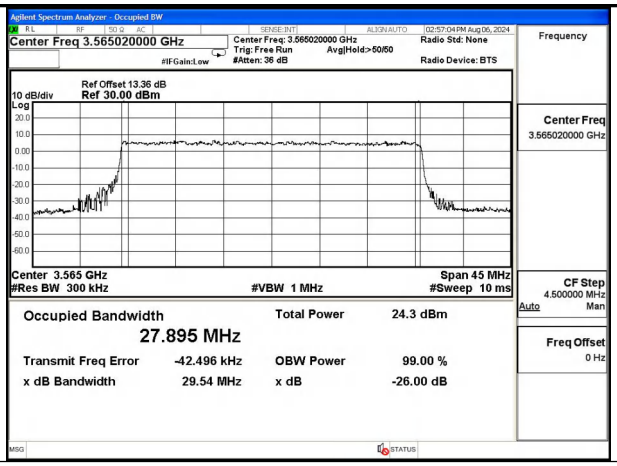


Fig.16

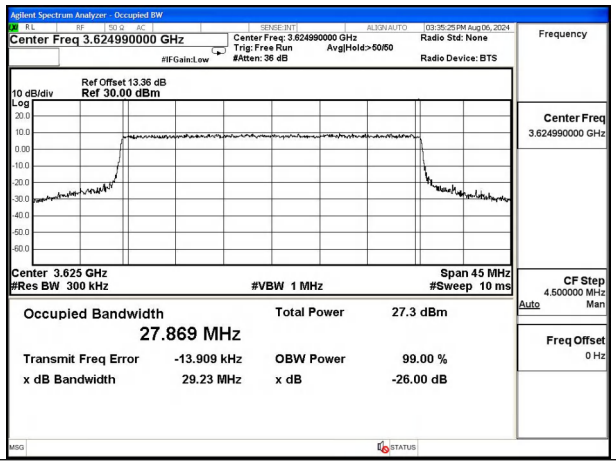


Fig.17

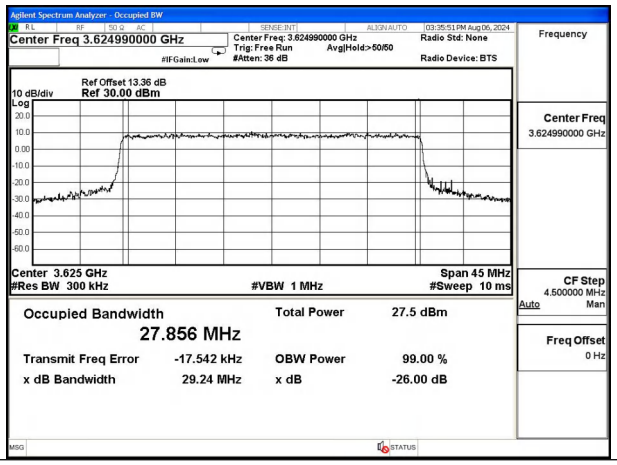


Fig.18

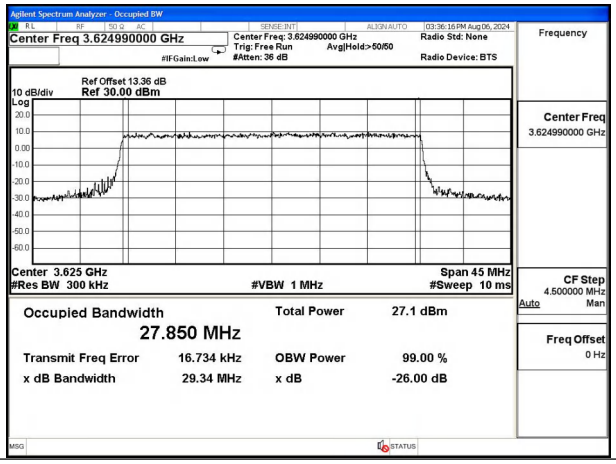


Fig.19

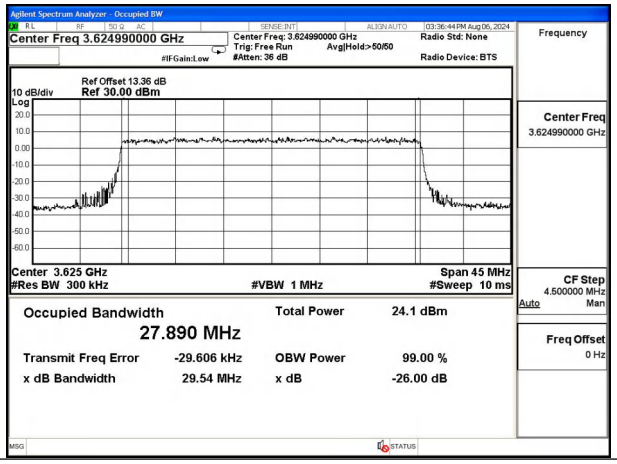


Fig.20

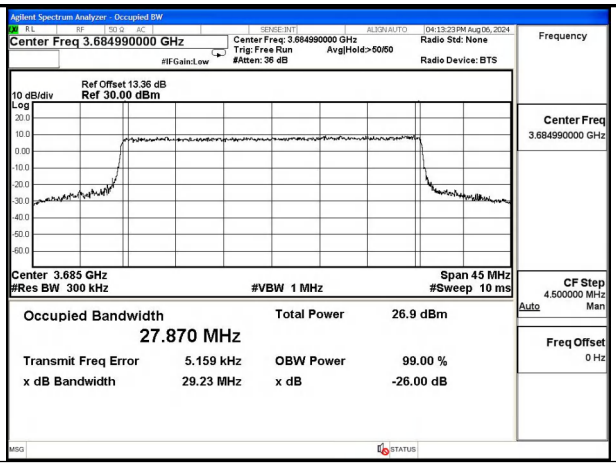
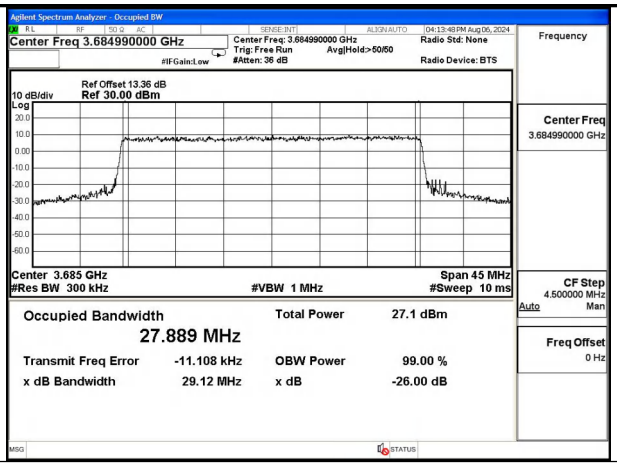


Fig.21



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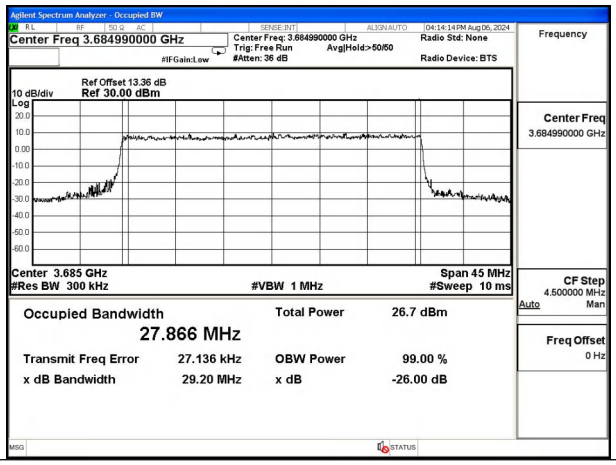

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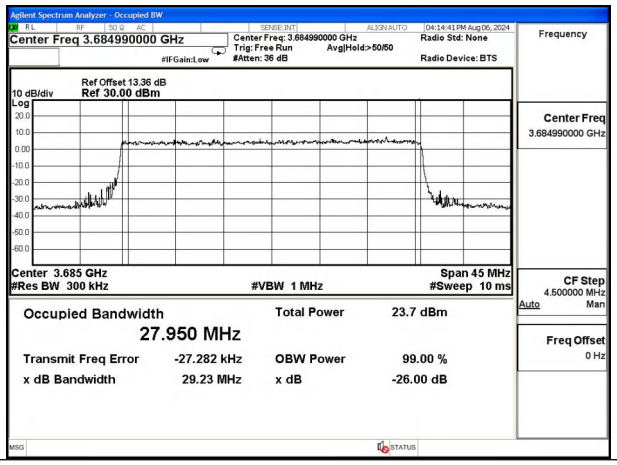

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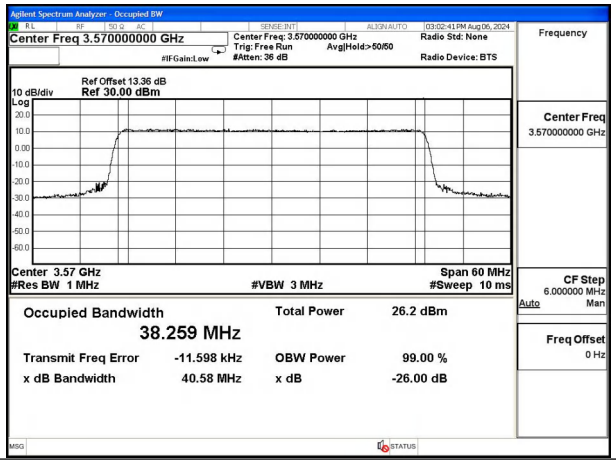

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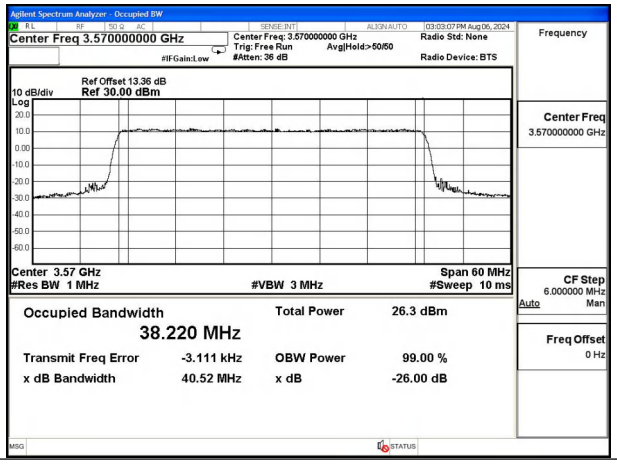

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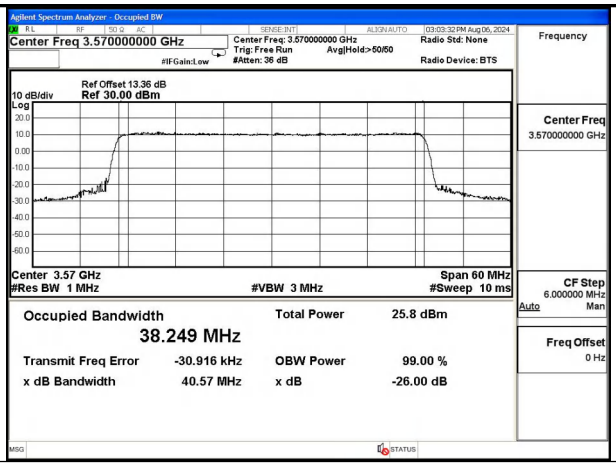

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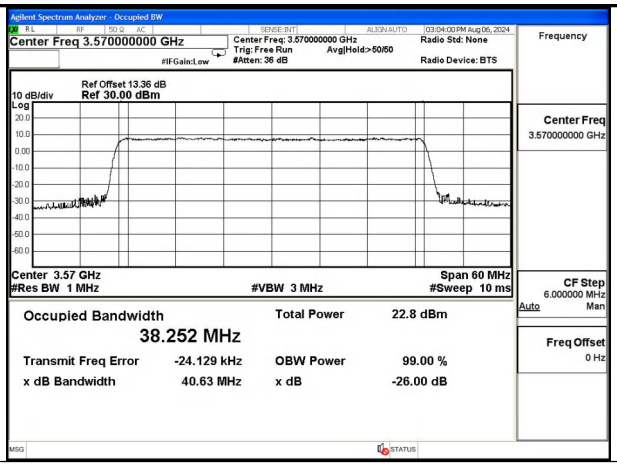

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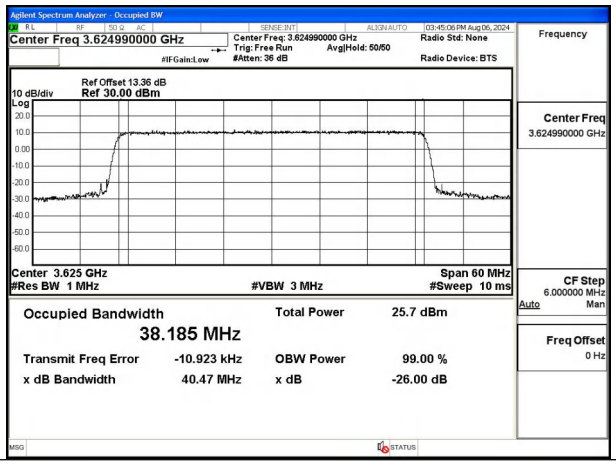

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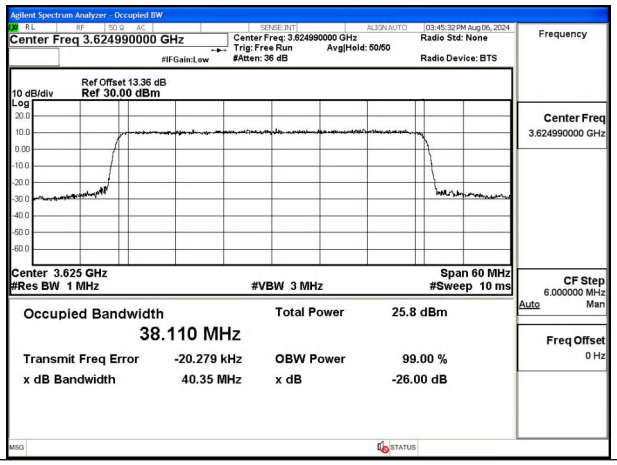

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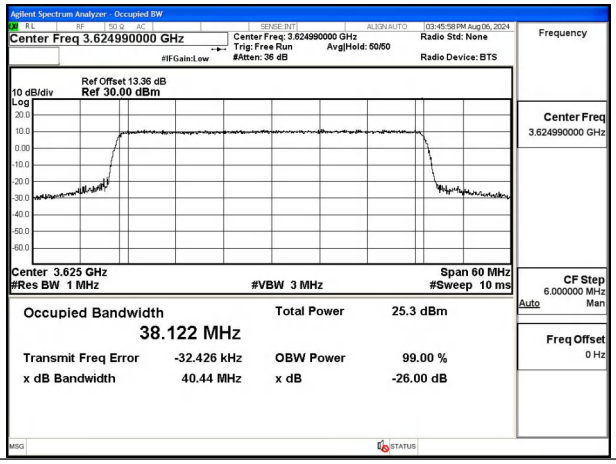

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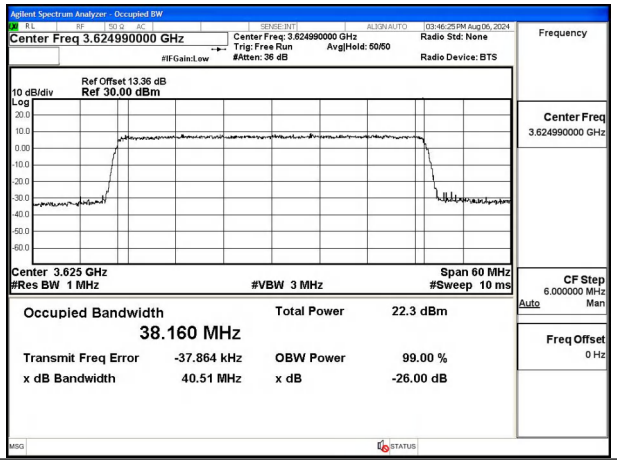

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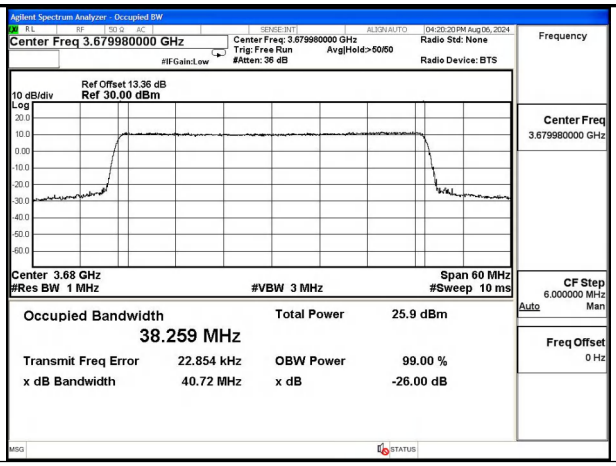

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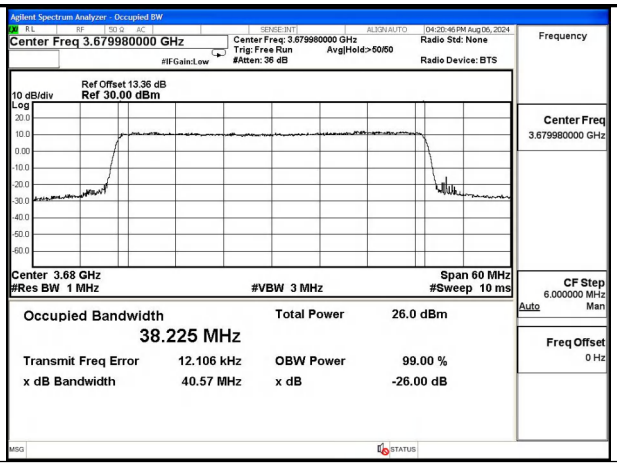

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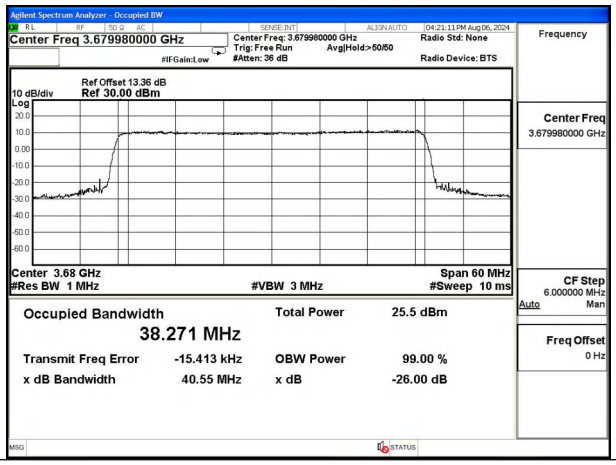

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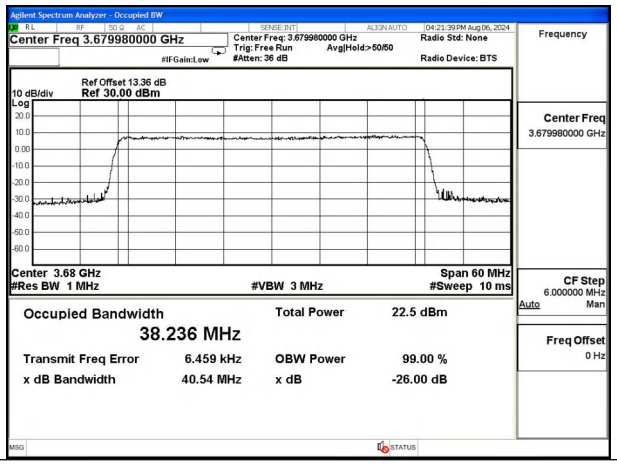

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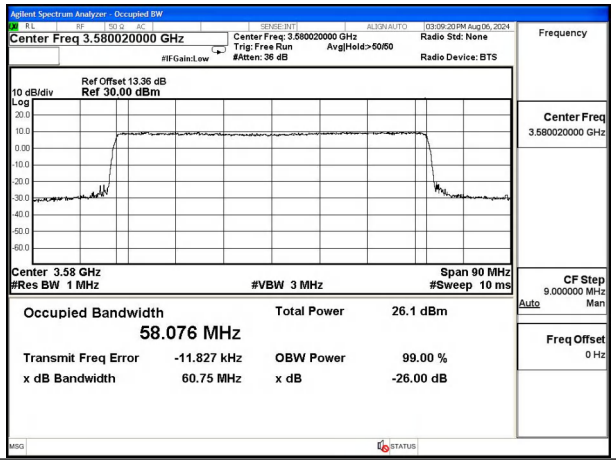

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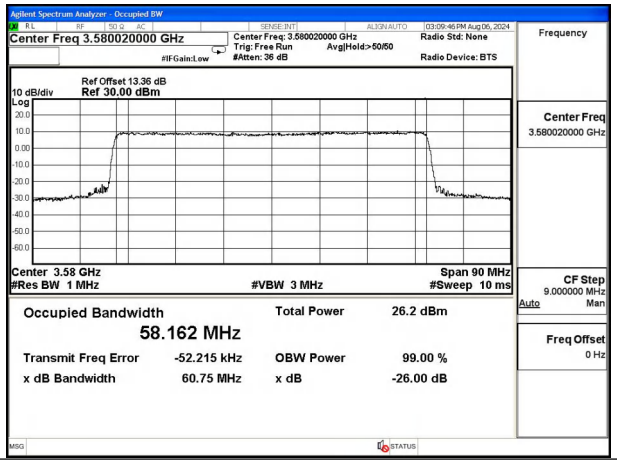

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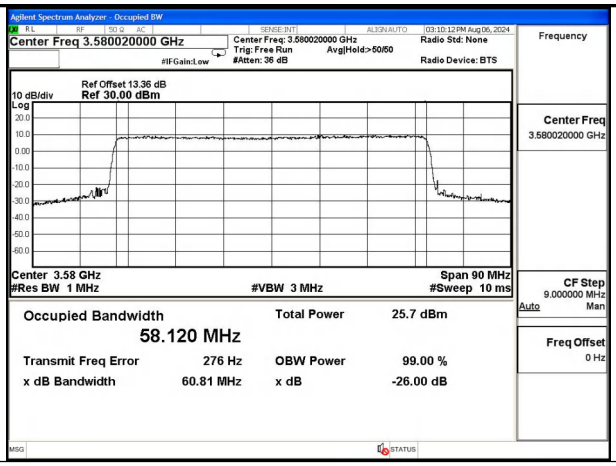

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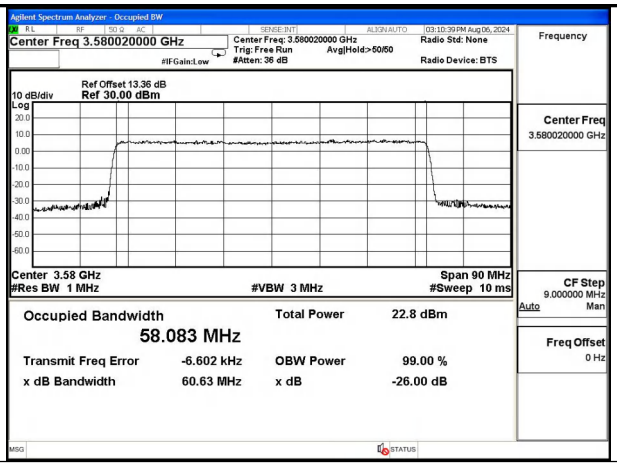

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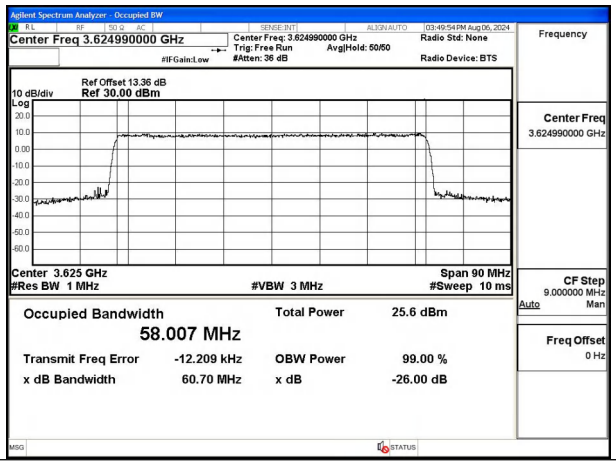

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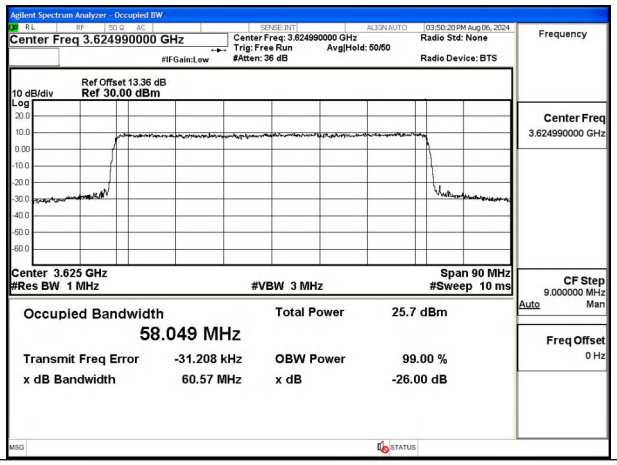

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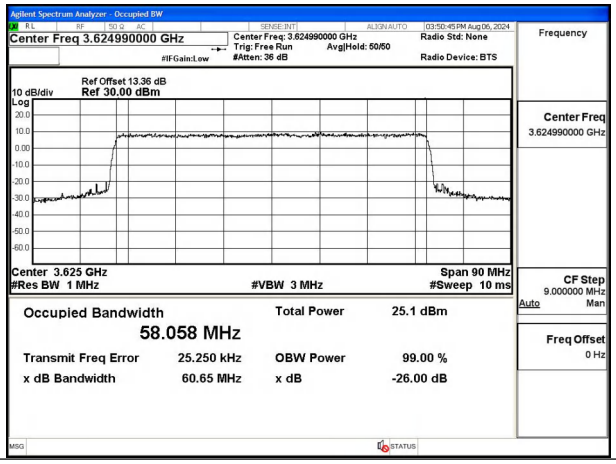

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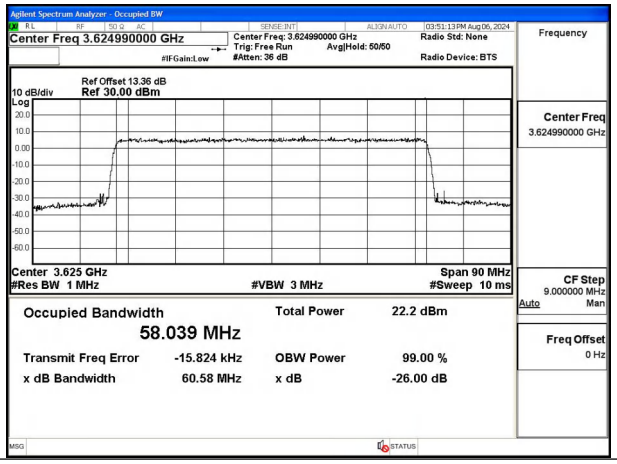

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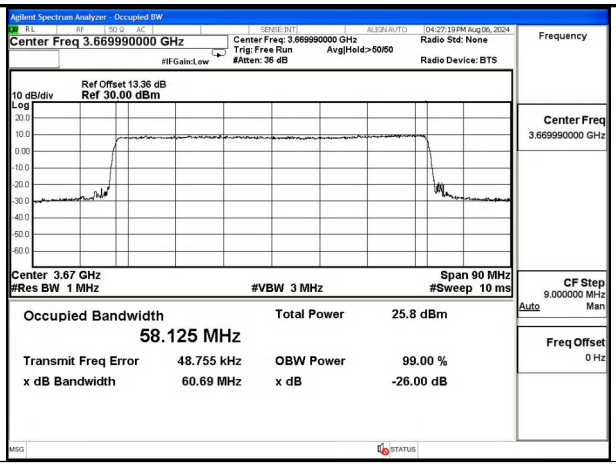

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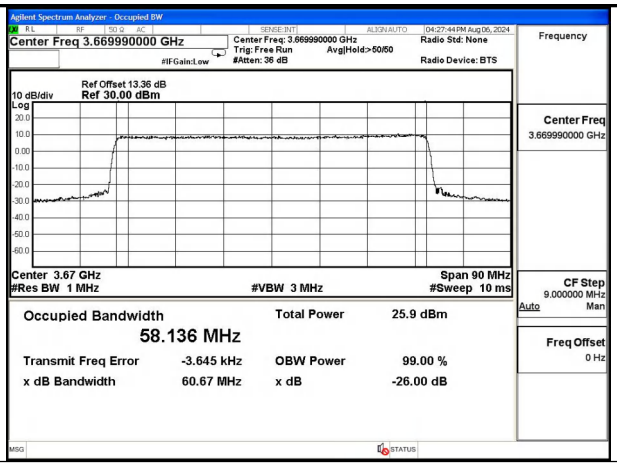

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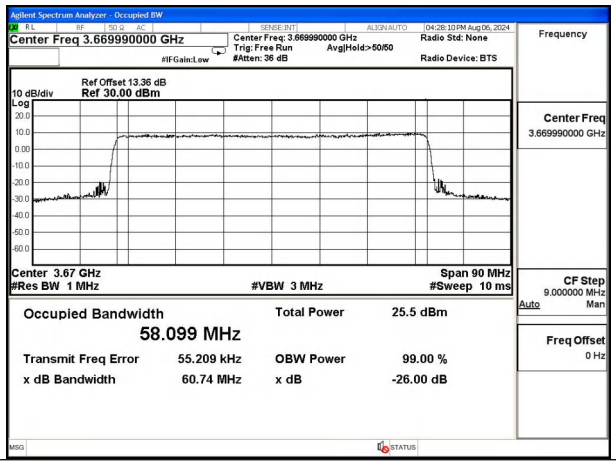

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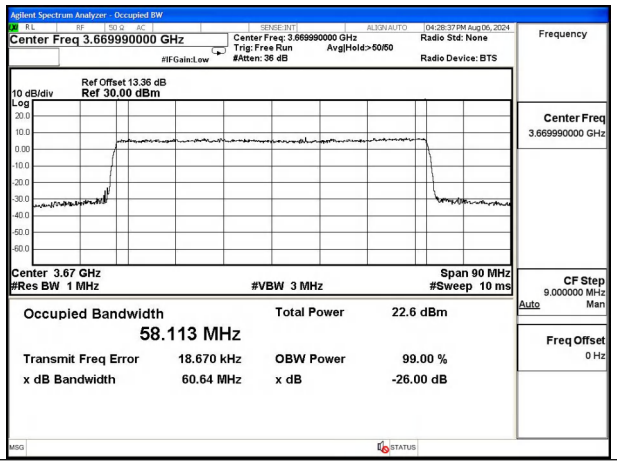

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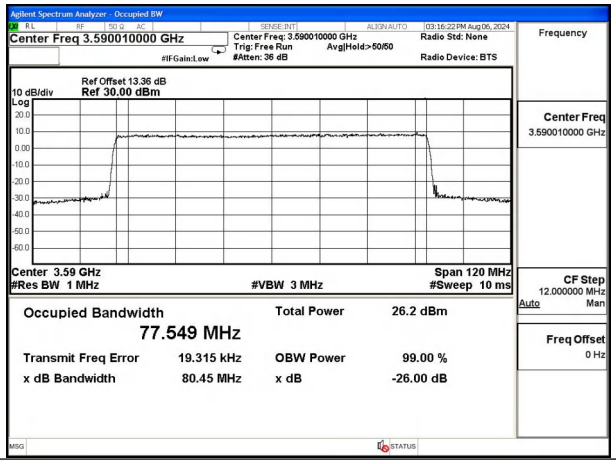


Fig.49

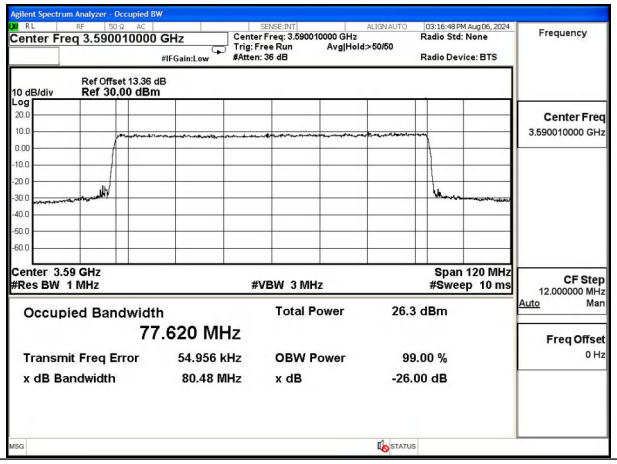
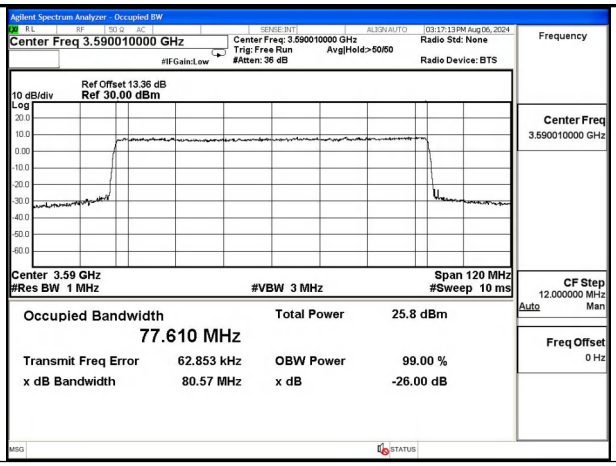


Fig.50



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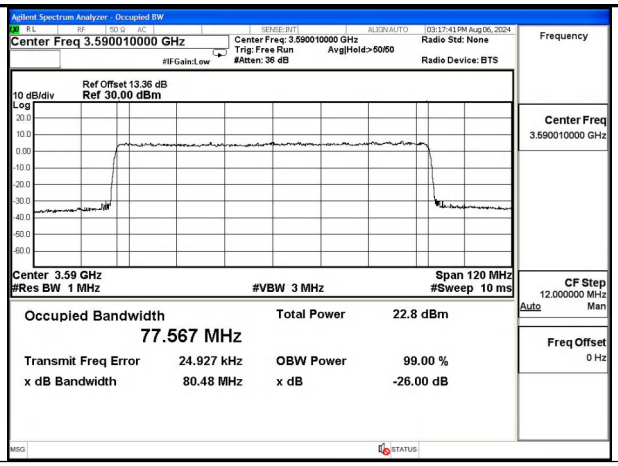

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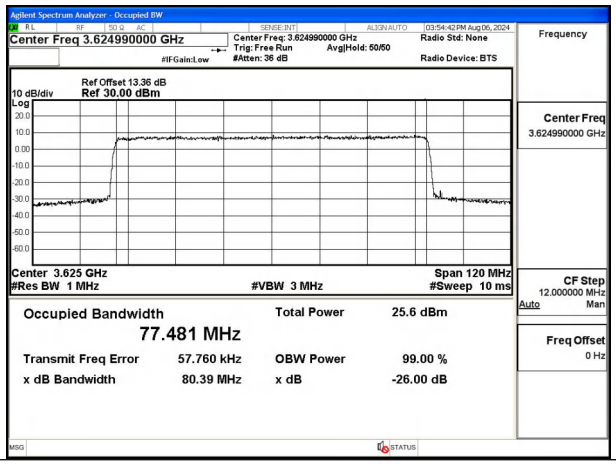

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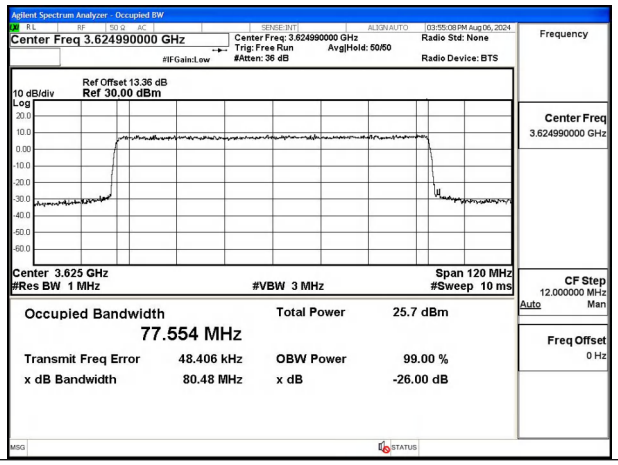

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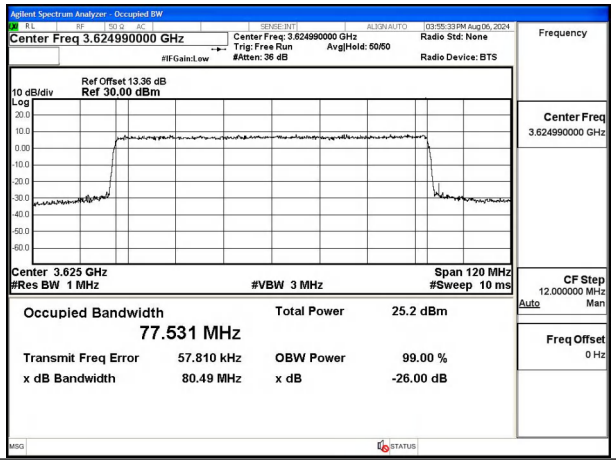

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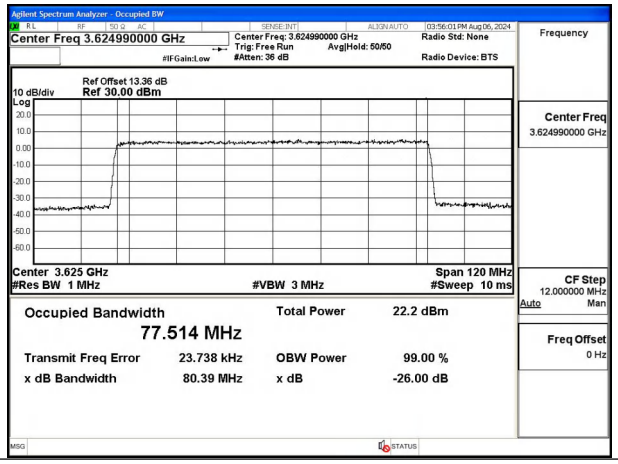
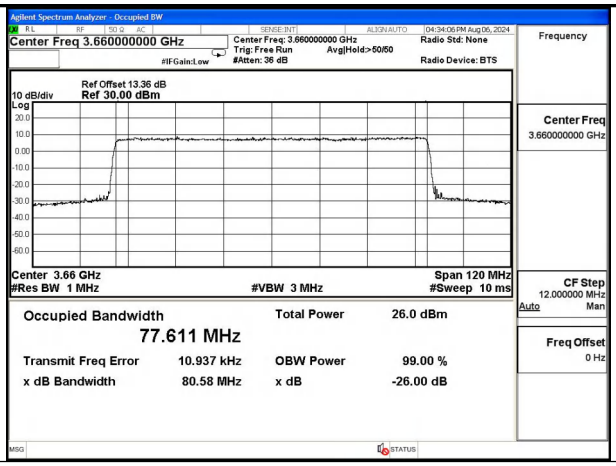


Fig.56



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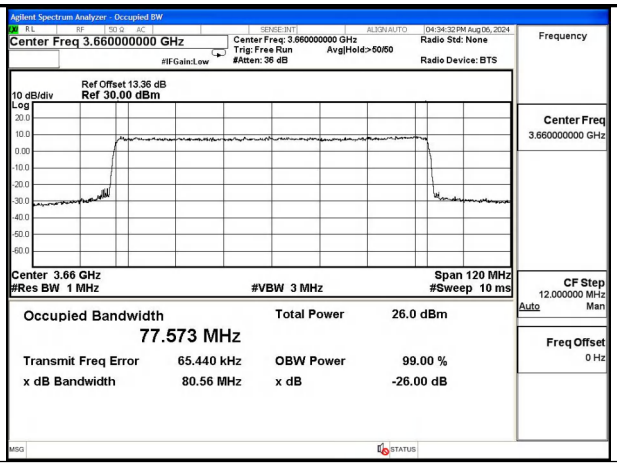

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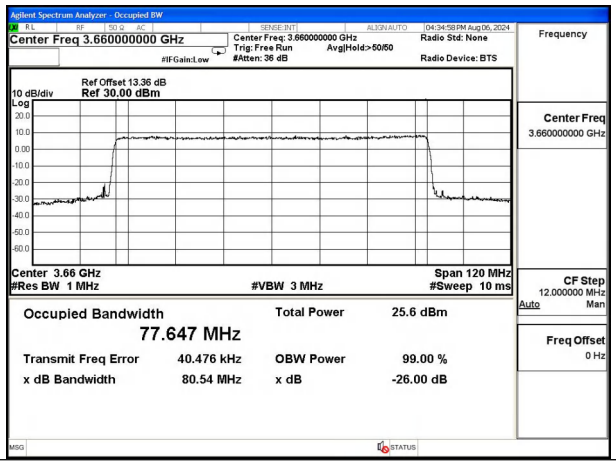

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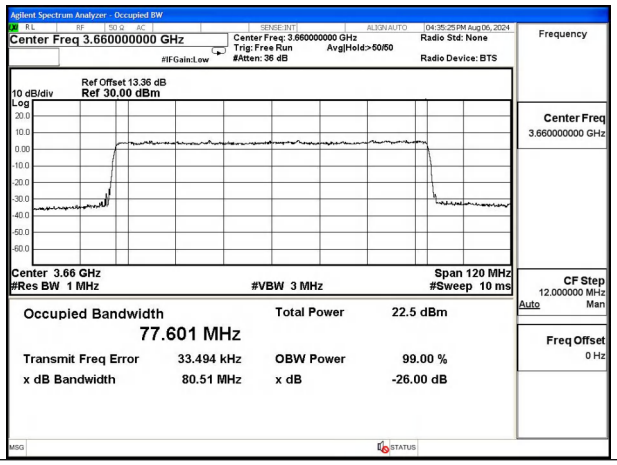
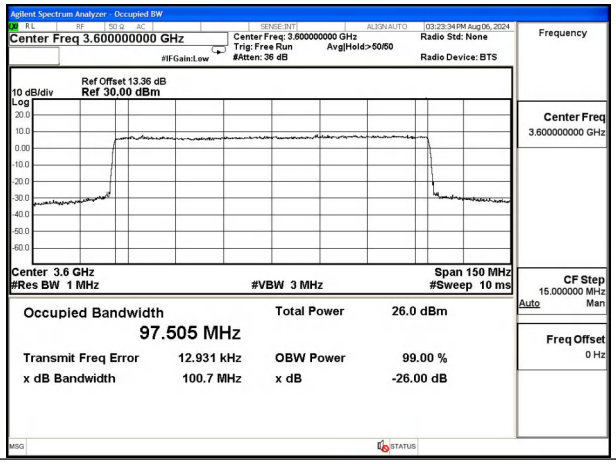


Fig.60



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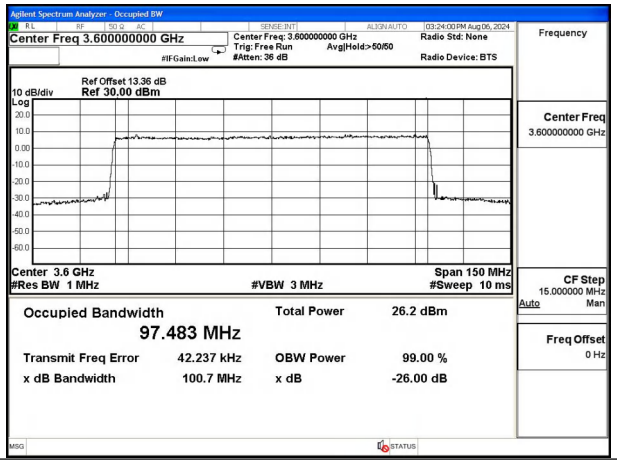

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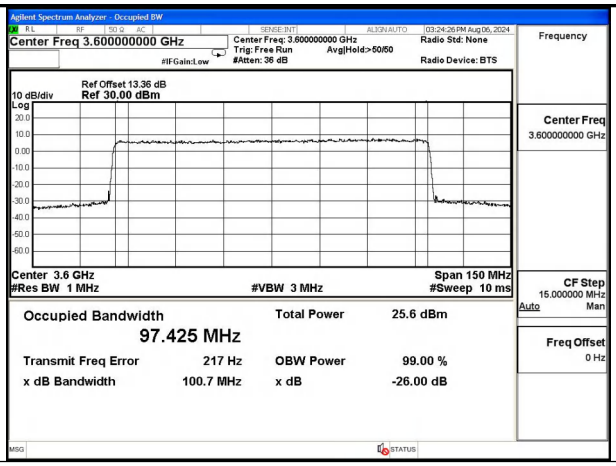

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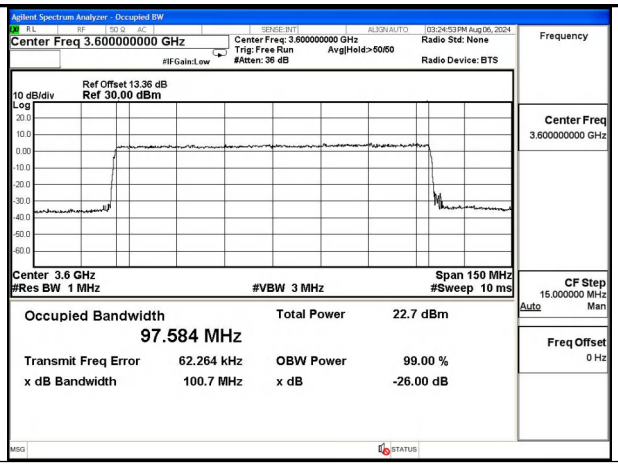
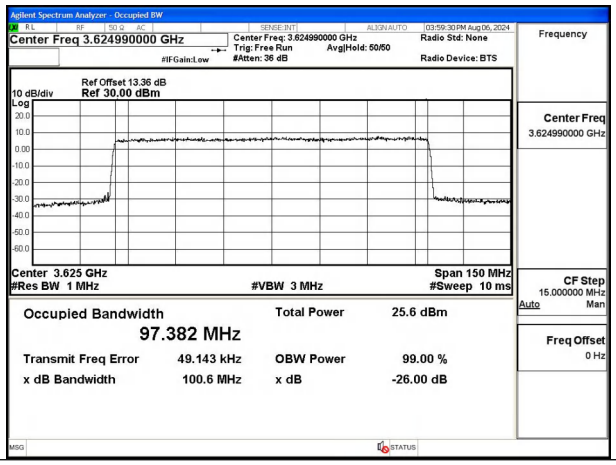


Fig.64



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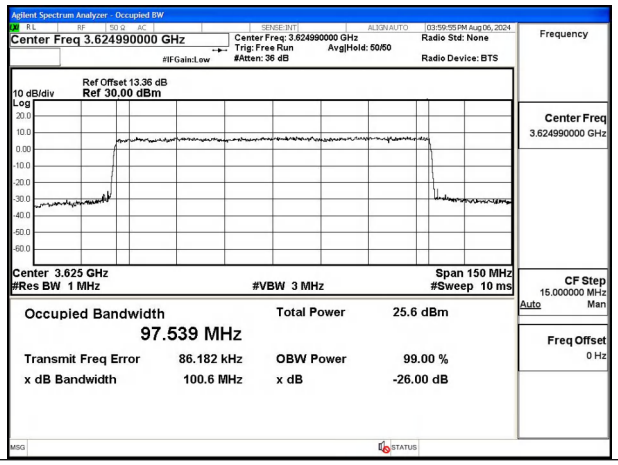

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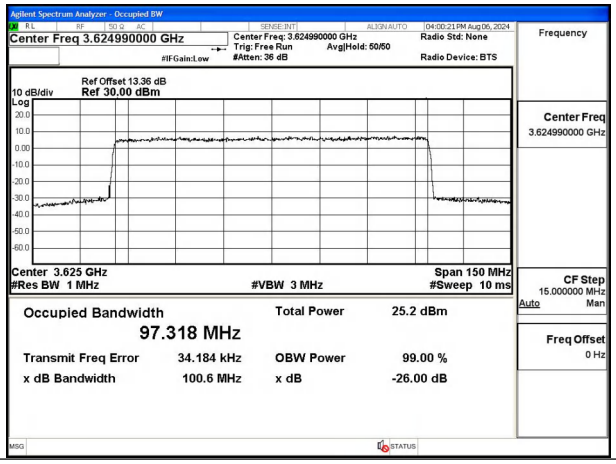

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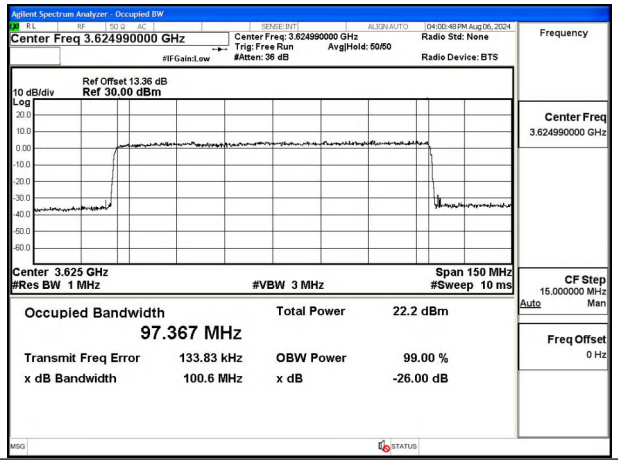

Fig.68