

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

N66(1710-1780)

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	12	6	19.94
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	1	1	23.04
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	1	23	23.11
DFT-s-OFDM PI/2 BPSK	1712.5	342500	5	25	0	23.34
DFT-s-OFDM QPSK	1712.5	342500	5	12	6	25.78
DFT-s-OFDM QPSK	1712.5	342500	5	1	1	25.78
DFT-s-OFDM QPSK	1712.5	342500	5	1	23	25.81
DFT-s-OFDM QPSK	1712.5	342500	5	25	0	24.85
DFT-s-OFDM 16QAM	1712.5	342500	5	12	6	24.92
DFT-s-OFDM 16QAM	1712.5	342500	5	1	1	24.98
DFT-s-OFDM 16QAM	1712.5	342500	5	1	23	25.00
DFT-s-OFDM 16QAM	1712.5	342500	5	25	0	23.92
DFT-s-OFDM 64QAM	1712.5	342500	5	12	6	23.44
DFT-s-OFDM 64QAM	1712.5	342500	5	1	1	23.15
DFT-s-OFDM 64QAM	1712.5	342500	5	1	23	23.18
DFT-s-OFDM 64QAM	1712.5	342500	5	25	0	23.40
DFT-s-OFDM 256QAM	1712.5	342500	5	12	6	21.29
DFT-s-OFDM 256QAM	1712.5	342500	5	1	1	21.11
DFT-s-OFDM 256QAM	1712.5	342500	5	1	23	21.19
DFT-s-OFDM 256QAM	1712.5	342500	5	25	0	21.28
CP-OFDM QPSK	1712.5	342500	5	13	6	24.02
CP-OFDM QPSK	1712.5	342500	5	1	1	24.39
CP-OFDM QPSK	1712.5	342500	5	1	23	24.35
CP-OFDM QPSK	1712.5	342500	5	25	0	22.80
CP-OFDM 16QAM	1712.5	342500	5	13	6	23.87
CP-OFDM 16QAM	1712.5	342500	5	1	1	23.98
CP-OFDM 16QAM	1712.5	342500	5	1	23	24.07
CP-OFDM 16QAM	1712.5	342500	5	25	0	22.88
CP-OFDM 64QAM	1712.5	342500	5	13	6	22.35
CP-OFDM 64QAM	1712.5	342500	5	1	1	22.06
CP-OFDM 64QAM	1712.5	342500	5	1	23	22.07
CP-OFDM 64QAM	1712.5	342500	5	25	0	22.43
CP-OFDM 256QAM	1712.5	342500	5	13	6	19.36
CP-OFDM 256QAM	1712.5	342500	5	1	1	19.19
CP-OFDM 256QAM	1712.5	342500	5	1	23	19.18
CP-OFDM 256QAM	1712.5	342500	5	25	0	19.31
DFT-s-OFDM PI/2 BPSK	1745	349000	5	12	6	21.41
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	1	21.25
DFT-s-OFDM PI/2 BPSK	1745	349000	5	1	23	21.29
DFT-s-OFDM PI/2 BPSK	1745	349000	5	25	0	21.40
DFT-s-OFDM QPSK	1745	349000	5	12	6	26.01

DFT-s-OFDM QPSK	1745	349000	5	1	1	25.89
DFT-s-OFDM QPSK	1745	349000	5	1	23	25.96
DFT-s-OFDM QPSK	1745	349000	5	25	0	24.99
DFT-s-OFDM 16QAM	1745	349000	5	12	6	25.15
DFT-s-OFDM 16QAM	1745	349000	5	1	1	25.00
DFT-s-OFDM 16QAM	1745	349000	5	1	23	25.10
DFT-s-OFDM 16QAM	1745	349000	5	25	0	24.07
DFT-s-OFDM 64QAM	1745	349000	5	12	6	23.57
DFT-s-OFDM 64QAM	1745	349000	5	1	1	23.16
DFT-s-OFDM 64QAM	1745	349000	5	1	23	23.31
DFT-s-OFDM 64QAM	1745	349000	5	25	0	23.55
DFT-s-OFDM 256QAM	1745	349000	5	12	6	21.34
DFT-s-OFDM 256QAM	1745	349000	5	1	1	21.19
DFT-s-OFDM 256QAM	1745	349000	5	1	23	21.26
DFT-s-OFDM 256QAM	1745	349000	5	25	0	21.35
CP-OFDM QPSK	1745	349000	5	13	6	24.02
CP-OFDM QPSK	1745	349000	5	1	1	24.40
CP-OFDM QPSK	1745	349000	5	1	23	24.58
CP-OFDM QPSK	1745	349000	5	25	0	22.93
CP-OFDM 16QAM	1745	349000	5	13	6	24.05
CP-OFDM 16QAM	1745	349000	5	1	1	24.01
CP-OFDM 16QAM	1745	349000	5	1	23	24.04
CP-OFDM 16QAM	1745	349000	5	25	0	23.05
CP-OFDM 64QAM	1745	349000	5	13	6	22.37
CP-OFDM 64QAM	1745	349000	5	1	1	22.09
CP-OFDM 64QAM	1745	349000	5	1	23	22.08
CP-OFDM 64QAM	1745	349000	5	25	0	22.49
CP-OFDM 256QAM	1745	349000	5	13	6	19.39
CP-OFDM 256QAM	1745	349000	5	1	1	19.02
CP-OFDM 256QAM	1745	349000	5	1	23	19.15
CP-OFDM 256QAM	1745	349000	5	25	0	19.41
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	12	6	24.32
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	1	25.15
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	1	23	25.49
DFT-s-OFDM PI/2 BPSK	1777.5	355500	5	25	0	24.36
DFT-s-OFDM QPSK	1777.5	355500	5	12	6	25.38
DFT-s-OFDM QPSK	1777.5	355500	5	1	1	25.20
DFT-s-OFDM QPSK	1777.5	355500	5	1	23	25.61
DFT-s-OFDM QPSK	1777.5	355500	5	25	0	24.43
DFT-s-OFDM 16QAM	1777.5	355500	5	12	6	24.27
DFT-s-OFDM 16QAM	1777.5	355500	5	1	1	24.35
DFT-s-OFDM 16QAM	1777.5	355500	5	1	23	24.62
DFT-s-OFDM 16QAM	1777.5	355500	5	25	0	23.48
DFT-s-OFDM 64QAM	1777.5	355500	5	12	6	22.98
DFT-s-OFDM 64QAM	1777.5	355500	5	1	1	22.92
DFT-s-OFDM 64QAM	1777.5	355500	5	1	23	23.15

DFT-s-OFDM 64QAM	1777.5	355500	5	25	0	23.10
DFT-s-OFDM 256QAM	1777.5	355500	5	12	6	20.83
DFT-s-OFDM 256QAM	1777.5	355500	5	1	1	20.52
DFT-s-OFDM 256QAM	1777.5	355500	5	1	23	20.83
DFT-s-OFDM 256QAM	1777.5	355500	5	25	0	20.90
CP-OFDM QPSK	1777.5	355500	5	13	6	23.97
CP-OFDM QPSK	1777.5	355500	5	1	1	23.88
CP-OFDM QPSK	1777.5	355500	5	1	23	24.12
CP-OFDM QPSK	1777.5	355500	5	25	0	22.43
CP-OFDM 16QAM	1777.5	355500	5	13	6	23.58
CP-OFDM 16QAM	1777.5	355500	5	1	1	23.49
CP-OFDM 16QAM	1777.5	355500	5	1	23	23.62
CP-OFDM 16QAM	1777.5	355500	5	25	0	22.39
CP-OFDM 64QAM	1777.5	355500	5	13	6	21.98
CP-OFDM 64QAM	1777.5	355500	5	1	1	21.54
CP-OFDM 64QAM	1777.5	355500	5	1	23	21.76
CP-OFDM 64QAM	1777.5	355500	5	25	0	22.00
CP-OFDM 256QAM	1777.5	355500	5	13	6	18.92
CP-OFDM 256QAM	1777.5	355500	5	1	1	18.54
CP-OFDM 256QAM	1777.5	355500	5	1	23	18.72
CP-OFDM 256QAM	1777.5	355500	5	25	0	18.94

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1715	343000	10	25	12	21.56
DFT-s-OFDM PI/2 BPSK	1715	343000	10	1	1	22.59
DFT-s-OFDM PI/2 BPSK	1715	343000	10	1	50	22.35
DFT-s-OFDM PI/2 BPSK	1715	343000	10	50	0	21.66
DFT-s-OFDM QPSK	1715	343000	10	25	12	22.53
DFT-s-OFDM QPSK	1715	343000	10	1	1	22.68
DFT-s-OFDM QPSK	1715	343000	10	1	50	22.34
DFT-s-OFDM QPSK	1715	343000	10	50	0	21.64
DFT-s-OFDM 16QAM	1715	343000	10	25	12	21.64
DFT-s-OFDM 16QAM	1715	343000	10	1	1	21.82
DFT-s-OFDM 16QAM	1715	343000	10	1	50	21.49
DFT-s-OFDM 16QAM	1715	343000	10	50	0	20.59
DFT-s-OFDM 64QAM	1715	343000	10	25	12	20.12
DFT-s-OFDM 64QAM	1715	343000	10	1	1	19.96
DFT-s-OFDM 64QAM	1715	343000	10	1	50	19.66
DFT-s-OFDM 64QAM	1715	343000	10	50	0	20.08
DFT-s-OFDM 256QAM	1715	343000	10	25	12	18.00
DFT-s-OFDM 256QAM	1715	343000	10	1	1	17.89
DFT-s-OFDM 256QAM	1715	343000	10	1	50	17.62
DFT-s-OFDM 256QAM	1715	343000	10	50	0	18.06
CP-OFDM QPSK	1715	343000	10	26	13	21.46
CP-OFDM QPSK	1715	343000	10	1	1	21.21

CP-OFDM QPSK	1715	343000	10	1	50	20.99
CP-OFDM QPSK	1715	343000	10	52	0	19.48
CP-OFDM 16QAM	1715	343000	10	26	13	20.61
CP-OFDM 16QAM	1715	343000	10	1	1	20.81
CP-OFDM 16QAM	1715	343000	10	1	50	20.59
CP-OFDM 16QAM	1715	343000	10	52	0	19.62
CP-OFDM 64QAM	1715	343000	10	26	13	19.12
CP-OFDM 64QAM	1715	343000	10	1	1	18.93
CP-OFDM 64QAM	1715	343000	10	1	50	18.69
CP-OFDM 64QAM	1715	343000	10	52	0	19.01
CP-OFDM 256QAM	1715	343000	10	26	13	16.00
CP-OFDM 256QAM	1715	343000	10	1	1	15.83
CP-OFDM 256QAM	1715	343000	10	1	50	15.65
CP-OFDM 256QAM	1715	343000	10	52	0	16.15
DFT-s-OFDM PI/2 BPSK	1745	349000	10	25	12	22.20
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	1	22.76
DFT-s-OFDM PI/2 BPSK	1745	349000	10	1	50	23.45
DFT-s-OFDM PI/2 BPSK	1745	349000	10	50	0	22.23
DFT-s-OFDM QPSK	1745	349000	10	25	12	23.14
DFT-s-OFDM QPSK	1745	349000	10	1	1	22.80
DFT-s-OFDM QPSK	1745	349000	10	1	50	23.45
DFT-s-OFDM QPSK	1745	349000	10	50	0	22.13
DFT-s-OFDM 16QAM	1745	349000	10	25	12	22.18
DFT-s-OFDM 16QAM	1745	349000	10	1	1	21.96
DFT-s-OFDM 16QAM	1745	349000	10	1	50	22.58
DFT-s-OFDM 16QAM	1745	349000	10	50	0	21.23
DFT-s-OFDM 64QAM	1745	349000	10	25	12	20.69
DFT-s-OFDM 64QAM	1745	349000	10	1	1	20.17
DFT-s-OFDM 64QAM	1745	349000	10	1	50	20.77
DFT-s-OFDM 64QAM	1745	349000	10	50	0	20.72
DFT-s-OFDM 256QAM	1745	349000	10	25	12	18.66
DFT-s-OFDM 256QAM	1745	349000	10	1	1	18.12
DFT-s-OFDM 256QAM	1745	349000	10	1	50	18.65
DFT-s-OFDM 256QAM	1745	349000	10	50	0	18.57
CP-OFDM QPSK	1745	349000	10	26	13	21.42
CP-OFDM QPSK	1745	349000	10	1	1	21.44
CP-OFDM QPSK	1745	349000	10	1	50	21.96
CP-OFDM QPSK	1745	349000	10	52	0	20.22
CP-OFDM 16QAM	1745	349000	10	26	13	21.16
CP-OFDM 16QAM	1745	349000	10	1	1	21.02
CP-OFDM 16QAM	1745	349000	10	1	50	21.58
CP-OFDM 16QAM	1745	349000	10	52	0	20.28
CP-OFDM 64QAM	1745	349000	10	26	13	19.75
CP-OFDM 64QAM	1745	349000	10	1	1	19.15
CP-OFDM 64QAM	1745	349000	10	1	50	19.73
CP-OFDM 64QAM	1745	349000	10	52	0	19.72

CP-OFDM 256QAM	1745	349000	10	26	13	16.58
CP-OFDM 256QAM	1745	349000	10	1	1	16.13
CP-OFDM 256QAM	1745	349000	10	1	50	16.67
CP-OFDM 256QAM	1745	349000	10	52	0	16.76
DFT-s-OFDM PI/2 BPSK	1775	355000	10	25	12	24.18
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	1	24.90
DFT-s-OFDM PI/2 BPSK	1775	355000	10	1	50	25.53
DFT-s-OFDM PI/2 BPSK	1775	355000	10	50	0	24.23
DFT-s-OFDM QPSK	1775	355000	10	25	12	25.15
DFT-s-OFDM QPSK	1775	355000	10	1	1	24.75
DFT-s-OFDM QPSK	1775	355000	10	1	50	25.38
DFT-s-OFDM QPSK	1775	355000	10	50	0	24.19
DFT-s-OFDM 16QAM	1775	355000	10	25	12	24.21
DFT-s-OFDM 16QAM	1775	355000	10	1	1	23.92
DFT-s-OFDM 16QAM	1775	355000	10	1	50	24.60
DFT-s-OFDM 16QAM	1775	355000	10	50	0	23.17
DFT-s-OFDM 64QAM	1775	355000	10	25	12	22.65
DFT-s-OFDM 64QAM	1775	355000	10	1	1	22.14
DFT-s-OFDM 64QAM	1775	355000	10	1	50	22.76
DFT-s-OFDM 64QAM	1775	355000	10	50	0	22.70
DFT-s-OFDM 256QAM	1775	355000	10	25	12	20.60
DFT-s-OFDM 256QAM	1775	355000	10	1	1	20.30
DFT-s-OFDM 256QAM	1775	355000	10	1	50	20.93
DFT-s-OFDM 256QAM	1775	355000	10	50	0	20.89
CP-OFDM QPSK	1775	355000	10	26	13	23.38
CP-OFDM QPSK	1775	355000	10	1	1	23.72
CP-OFDM QPSK	1775	355000	10	1	50	24.29
CP-OFDM QPSK	1775	355000	10	52	0	22.44
CP-OFDM 16QAM	1775	355000	10	26	13	23.50
CP-OFDM 16QAM	1775	355000	10	1	1	23.33
CP-OFDM 16QAM	1775	355000	10	1	50	23.90
CP-OFDM 16QAM	1775	355000	10	52	0	22.47
CP-OFDM 64QAM	1775	355000	10	26	13	22.00
CP-OFDM 64QAM	1775	355000	10	1	1	21.37
CP-OFDM 64QAM	1775	355000	10	1	50	21.93
CP-OFDM 64QAM	1775	355000	10	52	0	21.97
CP-OFDM 256QAM	1775	355000	10	26	13	18.86
CP-OFDM 256QAM	1775	355000	10	1	1	18.42
CP-OFDM 256QAM	1775	355000	10	1	50	19.02
CP-OFDM 256QAM	1775	355000	10	52	0	18.97

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	36	18	21.54
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	1	1	22.62
DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	1	77	22.37

DFT-s-OFDM PI/2 BPSK	1717.5	343500	15	75	0	21.63
DFT-s-OFDM QPSK	1717.5	343500	15	36	18	22.55
DFT-s-OFDM QPSK	1717.5	343500	15	1	1	22.61
DFT-s-OFDM QPSK	1717.5	343500	15	1	77	22.37
DFT-s-OFDM QPSK	1717.5	343500	15	75	0	21.62
DFT-s-OFDM 16QAM	1717.5	343500	15	36	18	21.54
DFT-s-OFDM 16QAM	1717.5	343500	15	1	1	21.85
DFT-s-OFDM 16QAM	1717.5	343500	15	1	77	21.58
DFT-s-OFDM 16QAM	1717.5	343500	15	75	0	20.53
DFT-s-OFDM 64QAM	1717.5	343500	15	36	18	20.04
DFT-s-OFDM 64QAM	1717.5	343500	15	1	1	20.02
DFT-s-OFDM 64QAM	1717.5	343500	15	1	77	19.75
DFT-s-OFDM 64QAM	1717.5	343500	15	75	0	20.07
DFT-s-OFDM 256QAM	1717.5	343500	15	36	18	18.04
DFT-s-OFDM 256QAM	1717.5	343500	15	1	1	17.99
DFT-s-OFDM 256QAM	1717.5	343500	15	1	77	17.67
DFT-s-OFDM 256QAM	1717.5	343500	15	75	0	18.04
CP-OFDM QPSK	1717.5	343500	15	39	19	21.05
CP-OFDM QPSK	1717.5	343500	15	1	1	21.33
CP-OFDM QPSK	1717.5	343500	15	1	77	20.88
CP-OFDM QPSK	1717.5	343500	15	79	0	19.53
CP-OFDM 16QAM	1717.5	343500	15	39	19	20.52
CP-OFDM 16QAM	1717.5	343500	15	1	1	20.89
CP-OFDM 16QAM	1717.5	343500	15	1	77	20.55
CP-OFDM 16QAM	1717.5	343500	15	79	0	19.55
CP-OFDM 64QAM	1717.5	343500	15	39	19	19.01
CP-OFDM 64QAM	1717.5	343500	15	1	1	18.96
CP-OFDM 64QAM	1717.5	343500	15	1	77	18.65
CP-OFDM 64QAM	1717.5	343500	15	79	0	19.09
CP-OFDM 256QAM	1717.5	343500	15	39	19	16.02
CP-OFDM 256QAM	1717.5	343500	15	1	1	15.93
CP-OFDM 256QAM	1717.5	343500	15	1	77	15.58
CP-OFDM 256QAM	1717.5	343500	15	79	0	16.10
DFT-s-OFDM PI/2 BPSK	1745	349000	15	36	18	22.32
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	1	22.74
DFT-s-OFDM PI/2 BPSK	1745	349000	15	1	77	23.74
DFT-s-OFDM PI/2 BPSK	1745	349000	15	75	0	22.26
DFT-s-OFDM QPSK	1745	349000	15	36	18	23.16
DFT-s-OFDM QPSK	1745	349000	15	1	1	22.75
DFT-s-OFDM QPSK	1745	349000	15	1	77	23.72
DFT-s-OFDM QPSK	1745	349000	15	75	0	22.23
DFT-s-OFDM 16QAM	1745	349000	15	36	18	22.23
DFT-s-OFDM 16QAM	1745	349000	15	1	1	21.98
DFT-s-OFDM 16QAM	1745	349000	15	1	77	22.89
DFT-s-OFDM 16QAM	1745	349000	15	75	0	21.24
DFT-s-OFDM 64QAM	1745	349000	15	36	18	20.76

DFT-s-OFDM 64QAM	1745	349000	15	1	1	20.09
DFT-s-OFDM 64QAM	1745	349000	15	1	77	21.12
DFT-s-OFDM 64QAM	1745	349000	15	75	0	20.79
DFT-s-OFDM 256QAM	1745	349000	15	36	18	18.67
DFT-s-OFDM 256QAM	1745	349000	15	1	1	18.03
DFT-s-OFDM 256QAM	1745	349000	15	1	77	19.06
DFT-s-OFDM 256QAM	1745	349000	15	75	0	18.65
CP-OFDM QPSK	1745	349000	15	39	19	21.92
CP-OFDM QPSK	1745	349000	15	1	1	21.35
CP-OFDM QPSK	1745	349000	15	1	77	22.23
CP-OFDM QPSK	1745	349000	15	79	0	20.30
CP-OFDM 16QAM	1745	349000	15	39	19	21.19
CP-OFDM 16QAM	1745	349000	15	1	1	21.01
CP-OFDM 16QAM	1745	349000	15	1	77	21.88
CP-OFDM 16QAM	1745	349000	15	79	0	20.20
CP-OFDM 64QAM	1745	349000	15	39	19	19.85
CP-OFDM 64QAM	1745	349000	15	1	1	19.03
CP-OFDM 64QAM	1745	349000	15	1	77	20.01
CP-OFDM 64QAM	1745	349000	15	79	0	19.79
CP-OFDM 256QAM	1745	349000	15	39	19	16.74
CP-OFDM 256QAM	1745	349000	15	1	1	16.09
CP-OFDM 256QAM	1745	349000	15	1	77	16.99
CP-OFDM 256QAM	1745	349000	15	79	0	16.84
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	36	18	24.20
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	1	24.89
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	1	77	25.74
DFT-s-OFDM PI/2 BPSK	1772.5	354500	15	75	0	24.25
DFT-s-OFDM QPSK	1772.5	354500	15	36	18	25.16
DFT-s-OFDM QPSK	1772.5	354500	15	1	1	24.85
DFT-s-OFDM QPSK	1772.5	354500	15	1	77	25.70
DFT-s-OFDM QPSK	1772.5	354500	15	75	0	24.27
DFT-s-OFDM 16QAM	1772.5	354500	15	36	18	24.18
DFT-s-OFDM 16QAM	1772.5	354500	15	1	1	23.96
DFT-s-OFDM 16QAM	1772.5	354500	15	1	77	24.76
DFT-s-OFDM 16QAM	1772.5	354500	15	75	0	23.26
DFT-s-OFDM 64QAM	1772.5	354500	15	36	18	22.77
DFT-s-OFDM 64QAM	1772.5	354500	15	1	1	22.40
DFT-s-OFDM 64QAM	1772.5	354500	15	1	77	23.31
DFT-s-OFDM 64QAM	1772.5	354500	15	75	0	22.83
DFT-s-OFDM 256QAM	1772.5	354500	15	36	18	20.68
DFT-s-OFDM 256QAM	1772.5	354500	15	1	1	20.02
DFT-s-OFDM 256QAM	1772.5	354500	15	1	77	20.89
DFT-s-OFDM 256QAM	1772.5	354500	15	75	0	20.69
CP-OFDM QPSK	1772.5	354500	15	39	19	22.90
CP-OFDM QPSK	1772.5	354500	15	1	1	23.31
CP-OFDM QPSK	1772.5	354500	15	1	77	24.10

CP-OFDM QPSK	1772.5	354500	15	79	0	22.26
CP-OFDM 16QAM	1772.5	354500	15	39	19	23.20
CP-OFDM 16QAM	1772.5	354500	15	1	1	23.00
CP-OFDM 16QAM	1772.5	354500	15	1	77	23.83
CP-OFDM 16QAM	1772.5	354500	15	79	0	22.21
CP-OFDM 64QAM	1772.5	354500	15	39	19	21.80
CP-OFDM 64QAM	1772.5	354500	15	1	1	21.11
CP-OFDM 64QAM	1772.5	354500	15	1	77	21.87
CP-OFDM 64QAM	1772.5	354500	15	79	0	21.80
CP-OFDM 256QAM	1772.5	354500	15	39	19	18.73
CP-OFDM 256QAM	1772.5	354500	15	1	1	18.10
CP-OFDM 256QAM	1772.5	354500	15	1	77	18.92
CP-OFDM 256QAM	1772.5	354500	15	79	0	18.83

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	1720	344000	20	50	25	21.52
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	1	22.67
DFT-s-OFDM PI/2 BPSK	1720	344000	20	1	104	22.38
DFT-s-OFDM PI/2 BPSK	1720	344000	20	100	0	21.52
DFT-s-OFDM QPSK	1720	344000	20	50	25	22.45
DFT-s-OFDM QPSK	1720	344000	20	1	1	22.63
DFT-s-OFDM QPSK	1720	344000	20	1	104	22.35
DFT-s-OFDM QPSK	1720	344000	20	100	0	21.49
DFT-s-OFDM 16QAM	1720	344000	20	50	25	21.50
DFT-s-OFDM 16QAM	1720	344000	20	1	1	21.85
DFT-s-OFDM 16QAM	1720	344000	20	1	104	21.52
DFT-s-OFDM 16QAM	1720	344000	20	100	0	20.47
DFT-s-OFDM 64QAM	1720	344000	20	50	25	19.93
DFT-s-OFDM 64QAM	1720	344000	20	1	1	19.95
DFT-s-OFDM 64QAM	1720	344000	20	1	104	19.73
DFT-s-OFDM 64QAM	1720	344000	20	100	0	20.06
DFT-s-OFDM 256QAM	1720	344000	20	50	25	17.92
DFT-s-OFDM 256QAM	1720	344000	20	1	1	17.93
DFT-s-OFDM 256QAM	1720	344000	20	1	104	17.67
DFT-s-OFDM 256QAM	1720	344000	20	100	0	18.35
CP-OFDM QPSK	1720	344000	20	53	26	20.73
CP-OFDM QPSK	1720	344000	20	1	1	21.23
CP-OFDM QPSK	1720	344000	20	1	104	20.74
CP-OFDM QPSK	1720	344000	20	106	0	19.40
CP-OFDM 16QAM	1720	344000	20	53	26	20.38
CP-OFDM 16QAM	1720	344000	20	1	1	20.94
CP-OFDM 16QAM	1720	344000	20	1	104	20.52
CP-OFDM 16QAM	1720	344000	20	106	0	19.56
CP-OFDM 64QAM	1720	344000	20	53	26	19.01
CP-OFDM 64QAM	1720	344000	20	1	1	19.04

CP-OFDM 64QAM	1720	344000	20	1	104	18.64
CP-OFDM 64QAM	1720	344000	20	106	0	19.01
CP-OFDM 256QAM	1720	344000	20	53	26	15.98
CP-OFDM 256QAM	1720	344000	20	1	1	15.91
CP-OFDM 256QAM	1720	344000	20	1	104	15.58
CP-OFDM 256QAM	1720	344000	20	106	0	16.07
DFT-s-OFDM PI/2 BPSK	1745	349000	20	50	25	22.26
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	1	22.66
DFT-s-OFDM PI/2 BPSK	1745	349000	20	1	104	23.90
DFT-s-OFDM PI/2 BPSK	1745	349000	20	100	0	22.34
DFT-s-OFDM QPSK	1745	349000	20	50	25	23.17
DFT-s-OFDM QPSK	1745	349000	20	1	1	22.59
DFT-s-OFDM QPSK	1745	349000	20	1	104	23.84
DFT-s-OFDM QPSK	1745	349000	20	100	0	22.29
DFT-s-OFDM 16QAM	1745	349000	20	50	25	22.26
DFT-s-OFDM 16QAM	1745	349000	20	1	1	21.82
DFT-s-OFDM 16QAM	1745	349000	20	1	104	23.03
DFT-s-OFDM 16QAM	1745	349000	20	100	0	21.31
DFT-s-OFDM 64QAM	1745	349000	20	50	25	20.77
DFT-s-OFDM 64QAM	1745	349000	20	1	1	20.01
DFT-s-OFDM 64QAM	1745	349000	20	1	104	21.23
DFT-s-OFDM 64QAM	1745	349000	20	100	0	20.87
DFT-s-OFDM 256QAM	1745	349000	20	50	25	18.68
DFT-s-OFDM 256QAM	1745	349000	20	1	1	19.84
DFT-s-OFDM 256QAM	1745	349000	20	1	104	19.37
DFT-s-OFDM 256QAM	1745	349000	20	100	0	18.89
CP-OFDM QPSK	1745	349000	20	53	26	21.35
CP-OFDM QPSK	1745	349000	20	1	1	21.38
CP-OFDM QPSK	1745	349000	20	1	104	22.33
CP-OFDM QPSK	1745	349000	20	106	0	20.46
CP-OFDM 16QAM	1745	349000	20	53	26	21.41
CP-OFDM 16QAM	1745	349000	20	1	1	21.05
CP-OFDM 16QAM	1745	349000	20	1	104	22.22
CP-OFDM 16QAM	1745	349000	20	106	0	20.42
CP-OFDM 64QAM	1745	349000	20	53	26	20.00
CP-OFDM 64QAM	1745	349000	20	1	1	19.13
CP-OFDM 64QAM	1745	349000	20	1	104	20.28
CP-OFDM 64QAM	1745	349000	20	106	0	19.99
CP-OFDM 256QAM	1745	349000	20	53	26	16.84
CP-OFDM 256QAM	1745	349000	20	1	1	16.06
CP-OFDM 256QAM	1745	349000	20	1	104	17.27
CP-OFDM 256QAM	1745	349000	20	106	0	16.93
DFT-s-OFDM PI/2 BPSK	1770	354000	20	50	25	20.57
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	1	19.67
DFT-s-OFDM PI/2 BPSK	1770	354000	20	1	104	20.99
DFT-s-OFDM PI/2 BPSK	1770	354000	20	100	0	20.63

DFT-s-OFDM QPSK	1770	354000	20	50	25	25.07
DFT-s-OFDM QPSK	1770	354000	20	1	1	24.36
DFT-s-OFDM QPSK	1770	354000	20	1	104	25.59
DFT-s-OFDM QPSK	1770	354000	20	100	0	24.17
DFT-s-OFDM 16QAM	1770	354000	20	50	25	24.11
DFT-s-OFDM 16QAM	1770	354000	20	1	1	23.50
DFT-s-OFDM 16QAM	1770	354000	20	1	104	24.75
DFT-s-OFDM 16QAM	1770	354000	20	100	0	23.17
DFT-s-OFDM 64QAM	1770	354000	20	50	25	22.61
DFT-s-OFDM 64QAM	1770	354000	20	1	1	21.71
DFT-s-OFDM 64QAM	1770	354000	20	1	104	23.00
DFT-s-OFDM 64QAM	1770	354000	20	100	0	22.74
DFT-s-OFDM 256QAM	1770	354000	20	50	25	20.56
DFT-s-OFDM 256QAM	1770	354000	20	1	1	19.70
DFT-s-OFDM 256QAM	1770	354000	20	1	104	20.93
DFT-s-OFDM 256QAM	1770	354000	20	100	0	20.63
CP-OFDM QPSK	1770	354000	20	53	26	22.77
CP-OFDM QPSK	1770	354000	20	1	1	22.97
CP-OFDM QPSK	1770	354000	20	1	104	24.13
CP-OFDM QPSK	1770	354000	20	106	0	22.12
CP-OFDM 16QAM	1770	354000	20	53	26	23.16
CP-OFDM 16QAM	1770	354000	20	1	1	22.66
CP-OFDM 16QAM	1770	354000	20	1	104	23.81
CP-OFDM 16QAM	1770	354000	20	106	0	22.19
CP-OFDM 64QAM	1770	354000	20	53	26	21.70
CP-OFDM 64QAM	1770	354000	20	1	1	20.66
CP-OFDM 64QAM	1770	354000	20	1	104	21.92
CP-OFDM 64QAM	1770	354000	20	106	0	21.71
CP-OFDM 256QAM	1770	354000	20	53	26	18.68
CP-OFDM 256QAM	1770	354000	20	1	1	17.73
CP-OFDM 256QAM	1770	354000	20	1	104	18.96
CP-OFDM 256QAM	1770	354000	20	106	0	18.66

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	1712.5	342500	5	25	0	4.500	Fig.1
CP-OFDM 16QAM	1712.5	342500	5	25	0	4.490	Fig.2
CP-OFDM 64QAM	1712.5	342500	5	25	0	4.500	Fig.3
CP-OFDM 256QAM	1712.5	342500	5	25	0	4.500	Fig.4
CP-OFDM QPSK	1745	349000	5	25	0	4.500	Fig.5
CP-OFDM 16QAM	1745	349000	5	25	0	4.490	Fig.6
CP-OFDM 64QAM	1745	349000	5	25	0	4.500	Fig.7
CP-OFDM 256QAM	1745	349000	5	25	0	4.510	Fig.8
CP-OFDM QPSK	1777.5	355500	5	25	0	4.500	Fig.9
CP-OFDM 16QAM	1777.5	355500	5	25	0	4.490	Fig.10
CP-OFDM 64QAM	1777.5	355500	5	25	0	4.500	Fig.11
CP-OFDM 256QAM	1777.5	355500	5	25	0	4.510	Fig.12
CP-OFDM QPSK	1715	343000	10	52	0	9.300	Fig.13
CP-OFDM 16QAM	1715	343000	10	52	0	9.300	Fig.14
CP-OFDM 64QAM	1715	343000	10	52	0	9.310	Fig.15
CP-OFDM 256QAM	1715	343000	10	52	0	9.290	Fig.16
CP-OFDM QPSK	1745	349000	10	52	0	9.290	Fig.17
CP-OFDM 16QAM	1745	349000	10	52	0	9.290	Fig.18
CP-OFDM 64QAM	1745	349000	10	52	0	9.280	Fig.19
CP-OFDM 256QAM	1745	349000	10	52	0	9.290	Fig.20
CP-OFDM QPSK	1775	355000	10	52	0	9.290	Fig.21
CP-OFDM 16QAM	1775	355000	10	52	0	9.290	Fig.22
CP-OFDM 64QAM	1775	355000	10	52	0	9.300	Fig.23
CP-OFDM 256QAM	1775	355000	10	52	0	9.290	Fig.24
CP-OFDM QPSK	1717.5	343500	15	79	0	14.210	Fig.25
CP-OFDM 16QAM	1717.5	343500	15	79	0	14.200	Fig.26
CP-OFDM 64QAM	1717.5	343500	15	79	0	14.240	Fig.27
CP-OFDM 256QAM	1717.5	343500	15	79	0	14.170	Fig.28
CP-OFDM QPSK	1745	349000	15	79	0	14.180	Fig.29
CP-OFDM 16QAM	1745	349000	15	79	0	14.200	Fig.30
CP-OFDM 64QAM	1745	349000	15	79	0	14.230	Fig.31
CP-OFDM 256QAM	1745	349000	15	79	0	14.150	Fig.32
CP-OFDM QPSK	1772.5	354500	15	79	0	14.200	Fig.33
CP-OFDM 16QAM	1772.5	354500	15	79	0	14.190	Fig.34
CP-OFDM 64QAM	1772.5	354500	15	79	0	14.240	Fig.35
CP-OFDM 256QAM	1772.5	354500	15	79	0	14.160	Fig.36
CP-OFDM QPSK	1720	344000	20	106	0	19.030	Fig.37
CP-OFDM 16QAM	1720	344000	20	106	0	19.020	Fig.38
CP-OFDM 64QAM	1720	344000	20	106	0	19.000	Fig.39
CP-OFDM 256QAM	1720	344000	20	106	0	19.030	Fig.40
CP-OFDM QPSK	1745	349000	20	106	0	19.010	Fig.41
CP-OFDM 16QAM	1745	349000	20	106	0	19.000	Fig.42
CP-OFDM 64QAM	1745	349000	20	106	0	18.980	Fig.43

CP-OFDM 256QAM	1745	349000	20	106	0	19.000	Fig.44
CP-OFDM QPSK	1770	354000	20	106	0	19.030	Fig.45
CP-OFDM 16QAM	1770	354000	20	106	0	19.000	Fig.46
CP-OFDM 64QAM	1770	354000	20	106	0	19.000	Fig.47
CP-OFDM 256QAM	1770	354000	20	106	0	19.020	Fig.48

Test Plot:

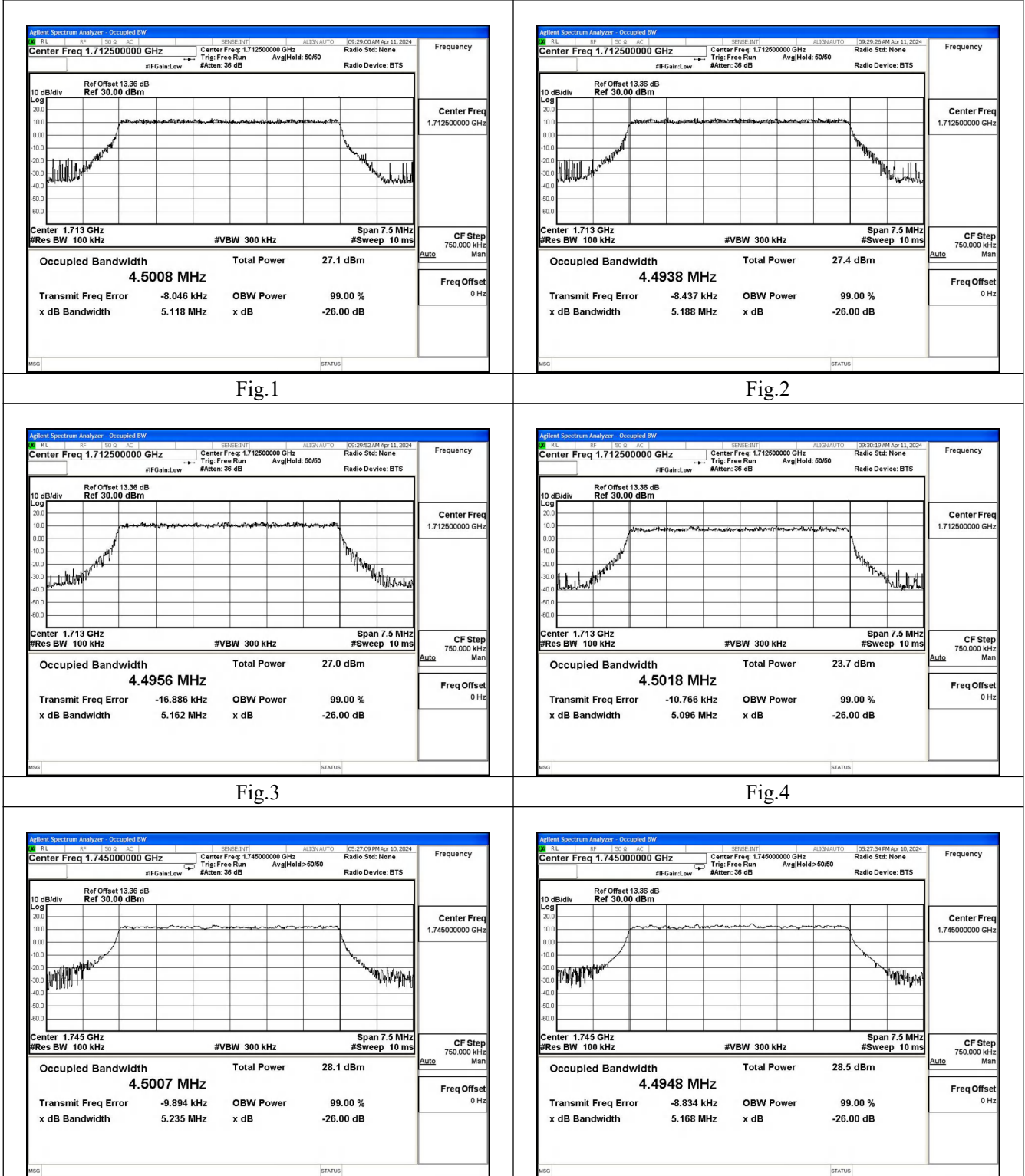


Fig.5

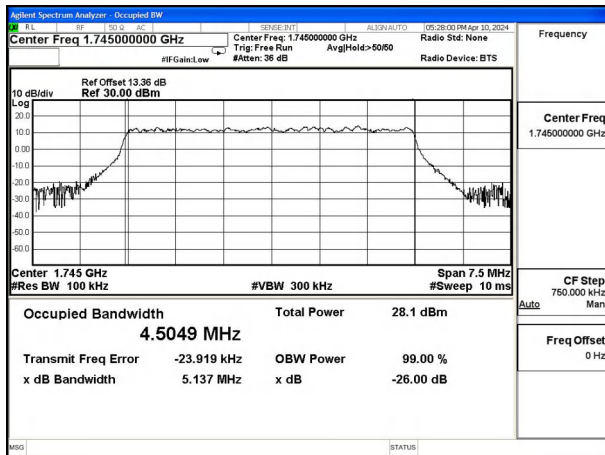


Fig.6

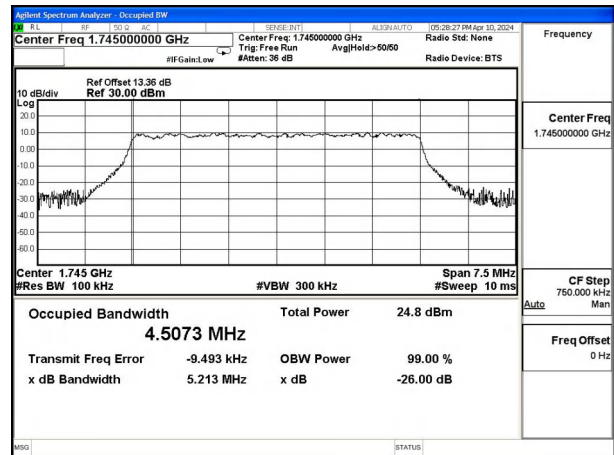


Fig.7

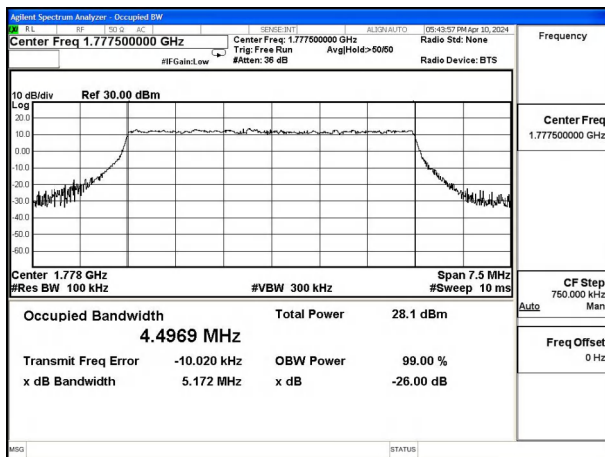


Fig.8

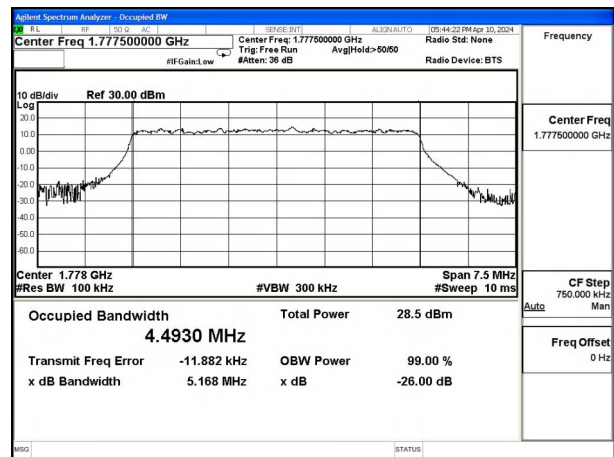


Fig.9

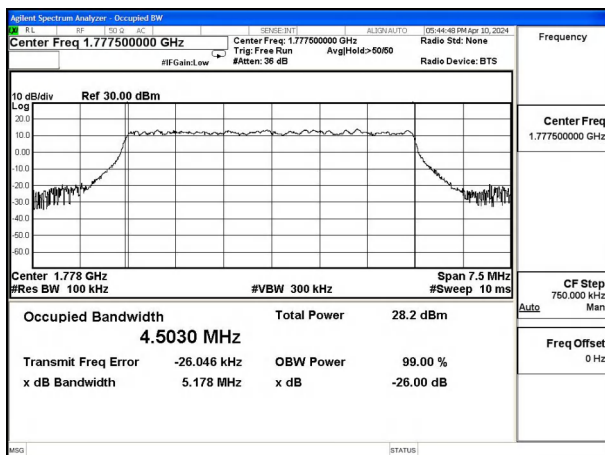


Fig.10

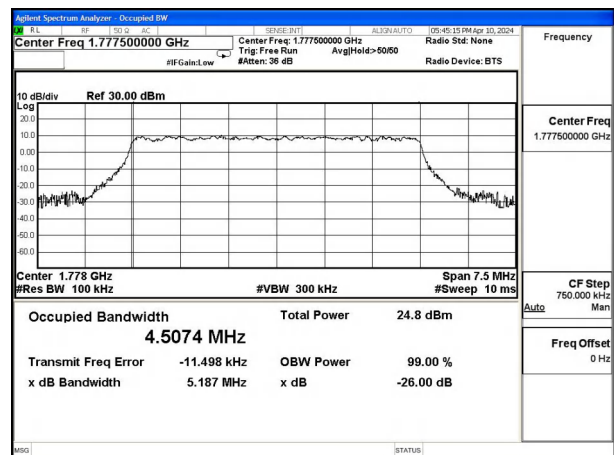


Fig.11

Fig.12

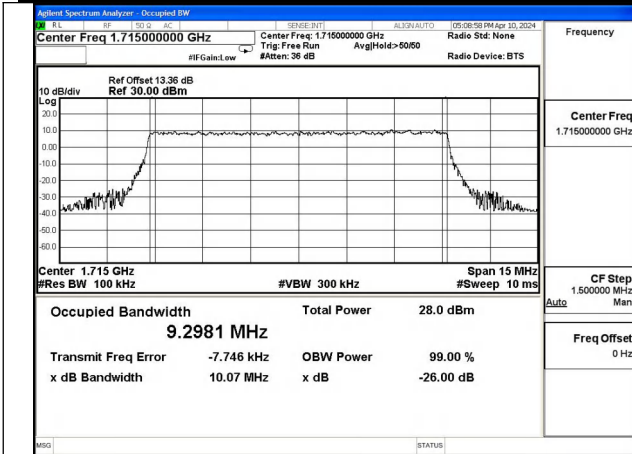


Fig.13

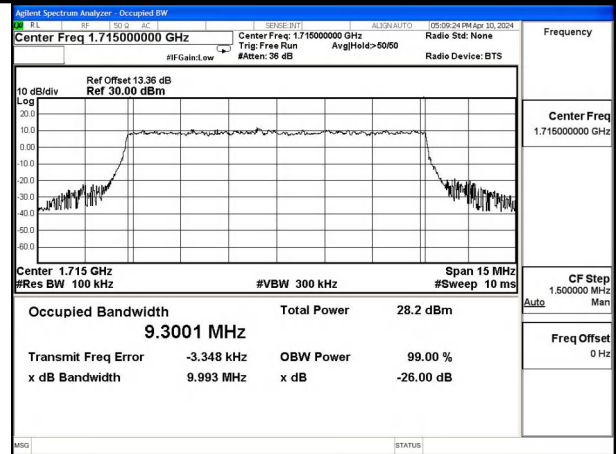


Fig.14

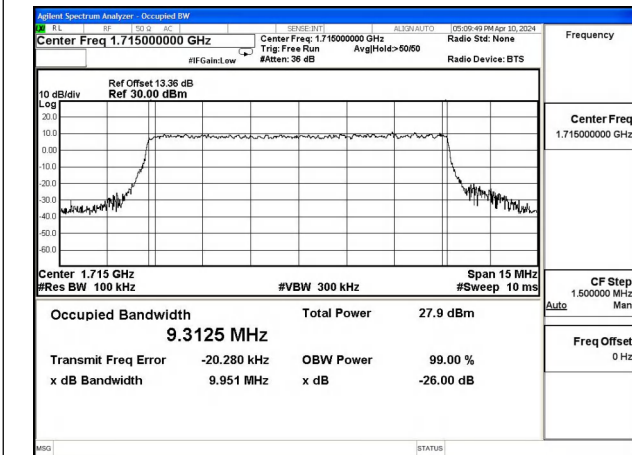


Fig.15

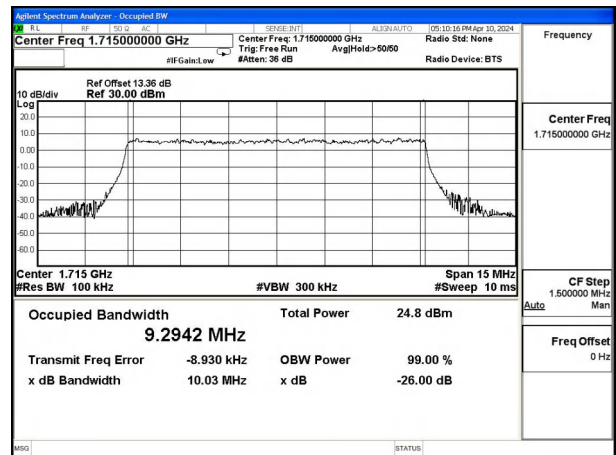


Fig.16

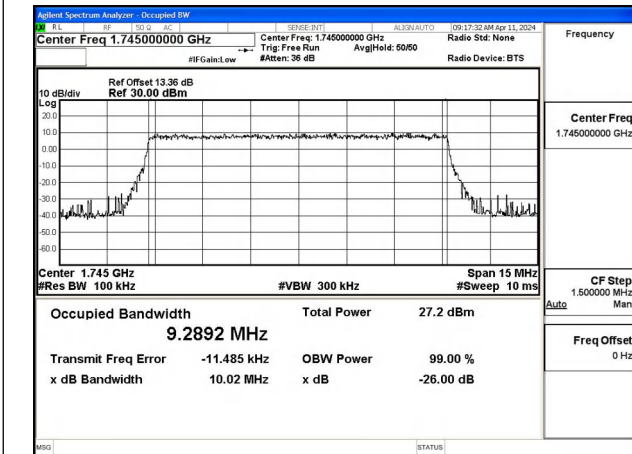


Fig.17

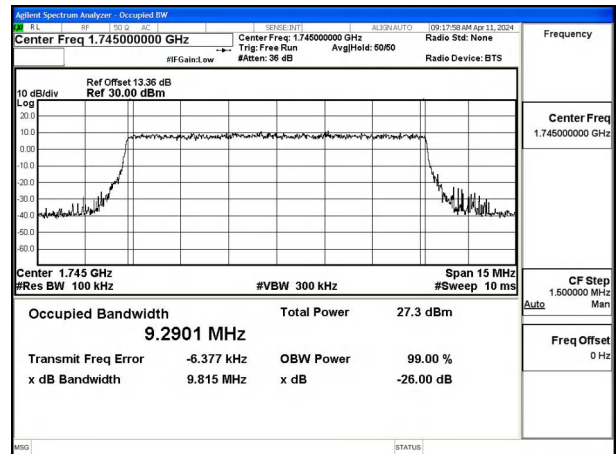


Fig.18

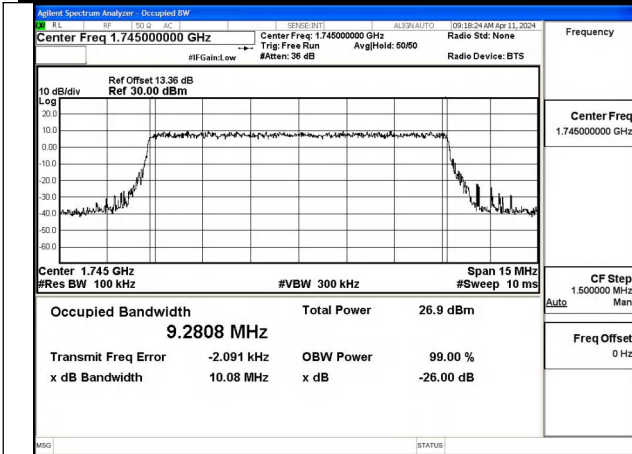


Fig.19

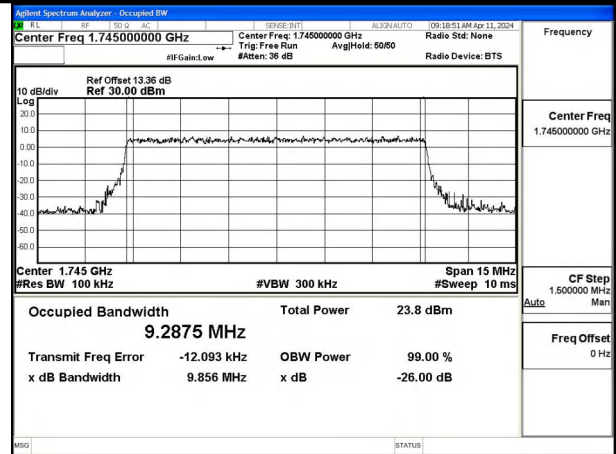


Fig.20

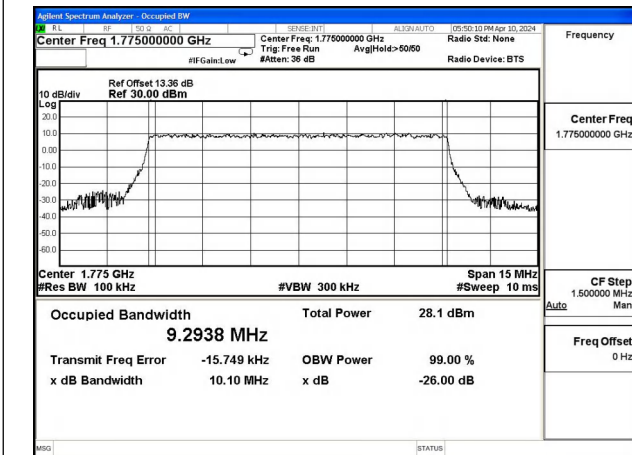


Fig.21

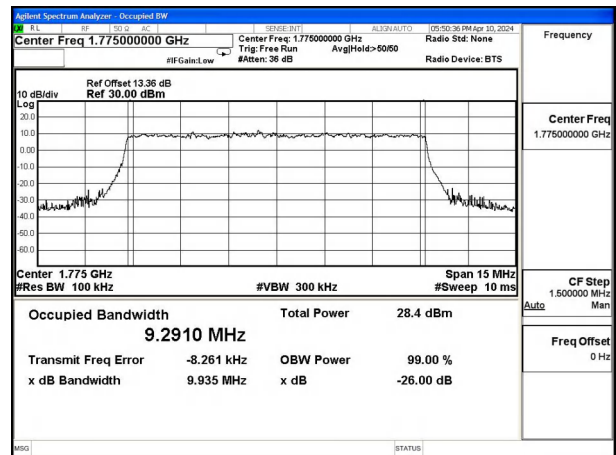


Fig.22

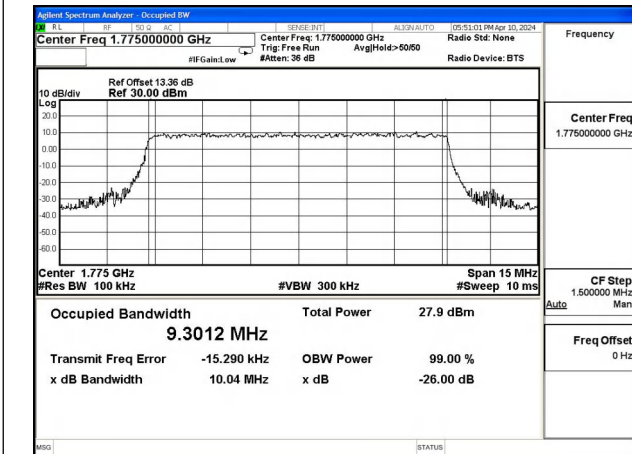


Fig.23

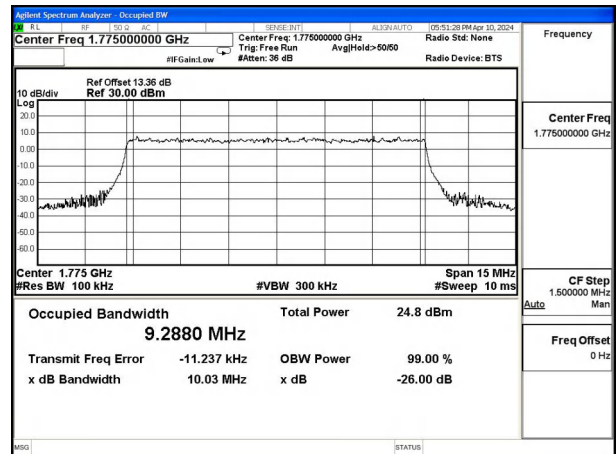


Fig.24

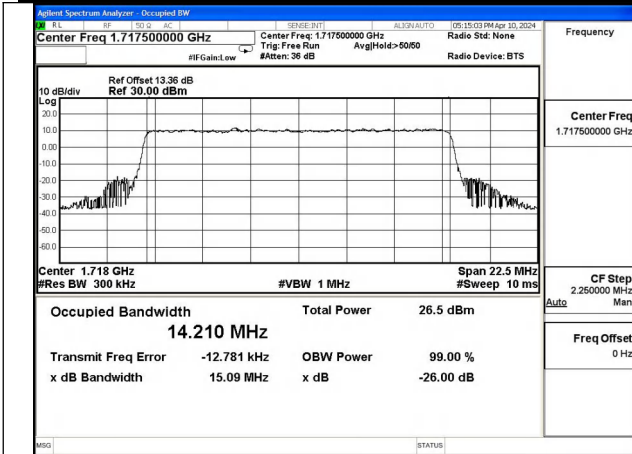


Fig.25

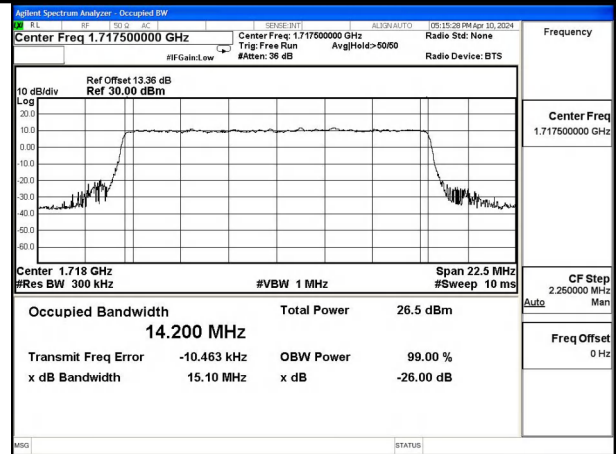


Fig.26

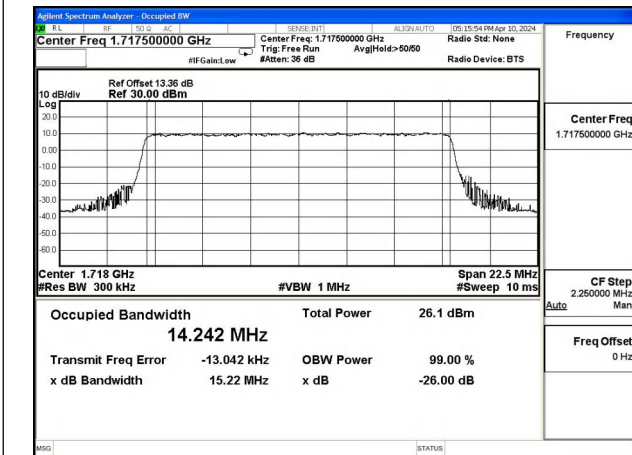


Fig.27

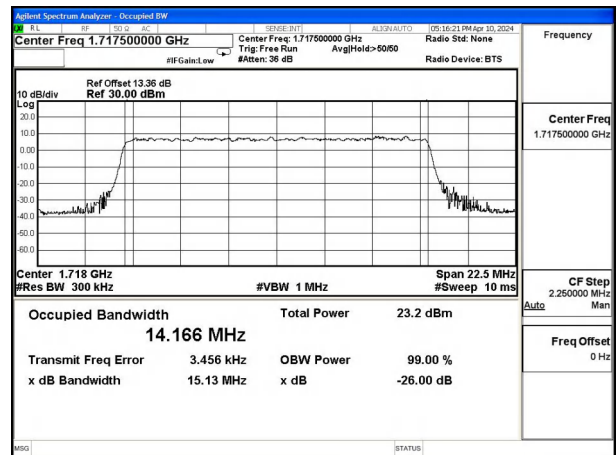


Fig.28

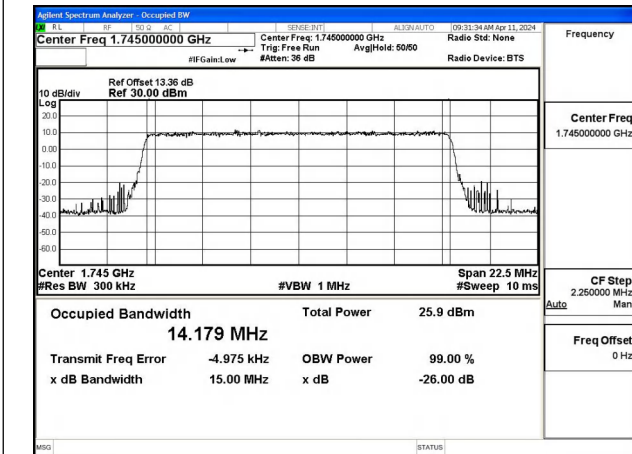


Fig.29

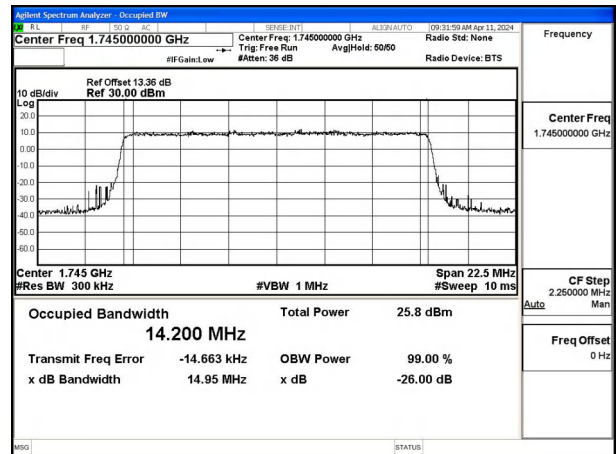


Fig.30

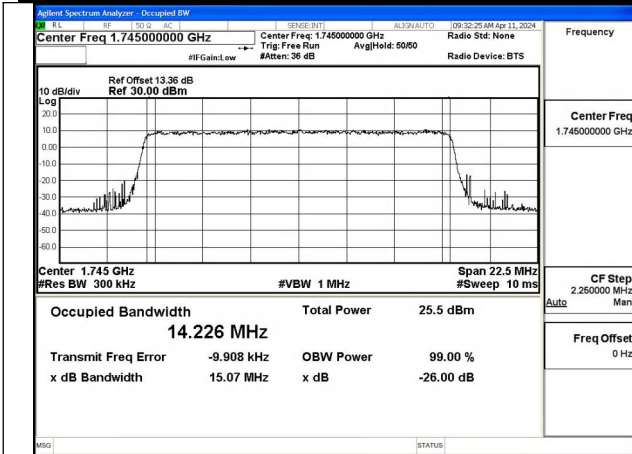


Fig.31

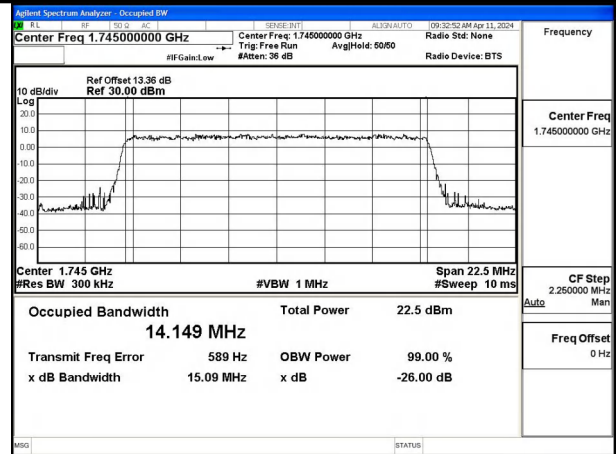


Fig.32

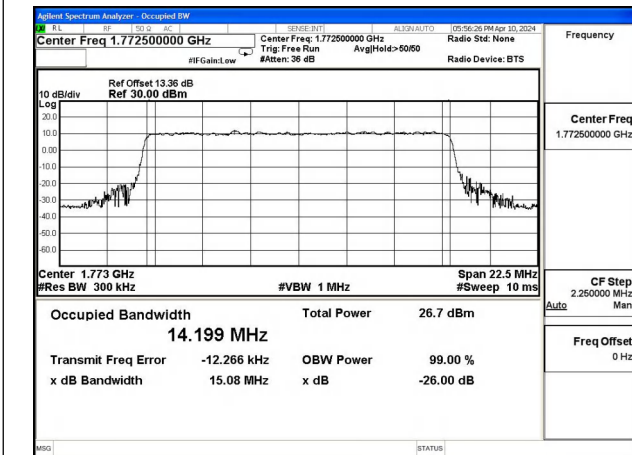


Fig.33

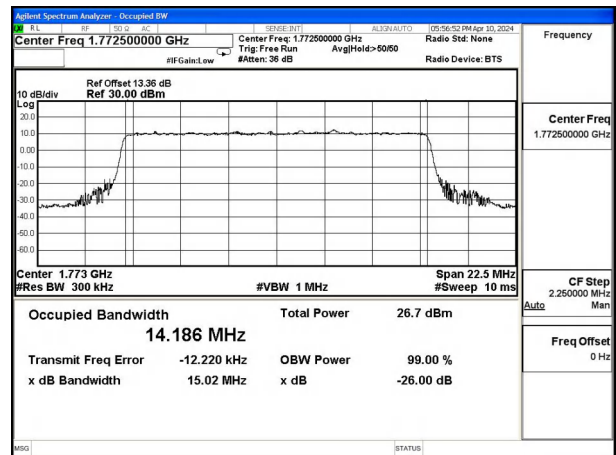


Fig.34

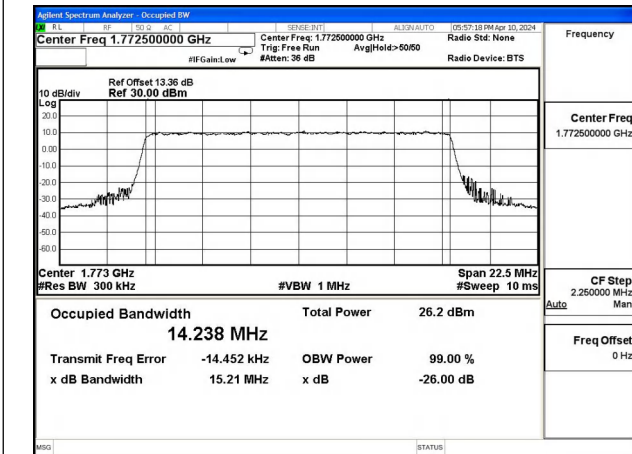


Fig.35

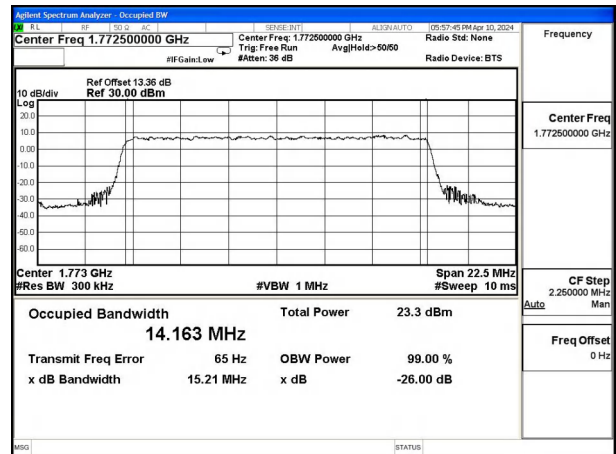


Fig.36

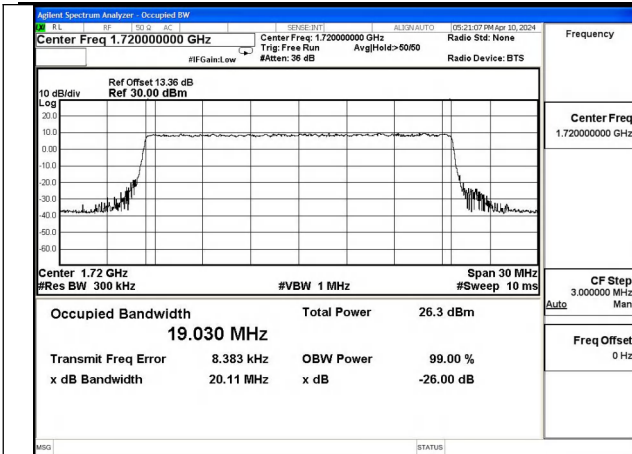


Fig.37

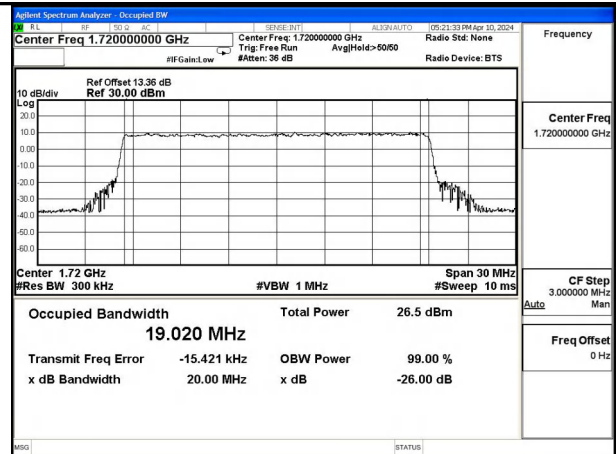


Fig.38

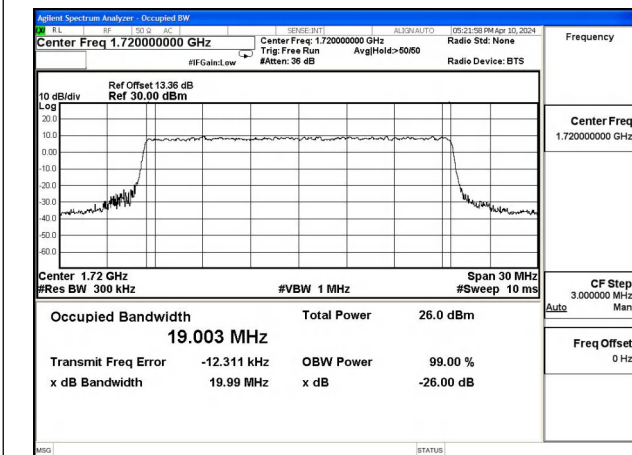


Fig.39

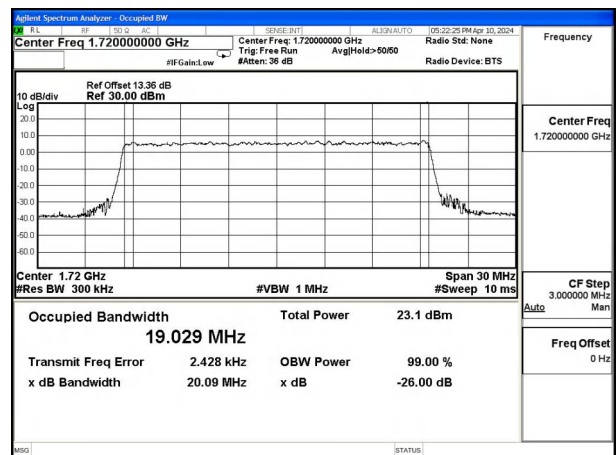


Fig.40

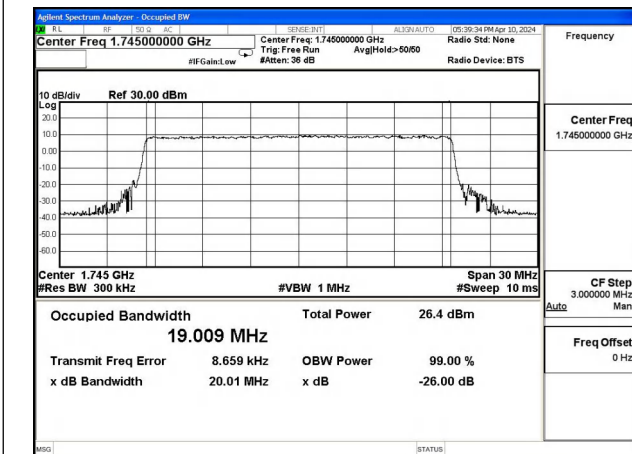


Fig.41

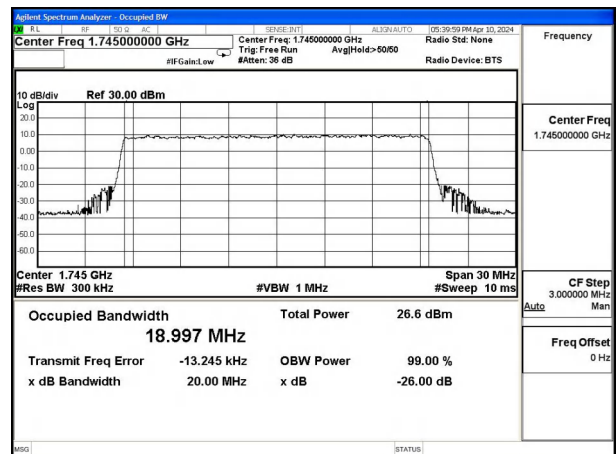


Fig.42

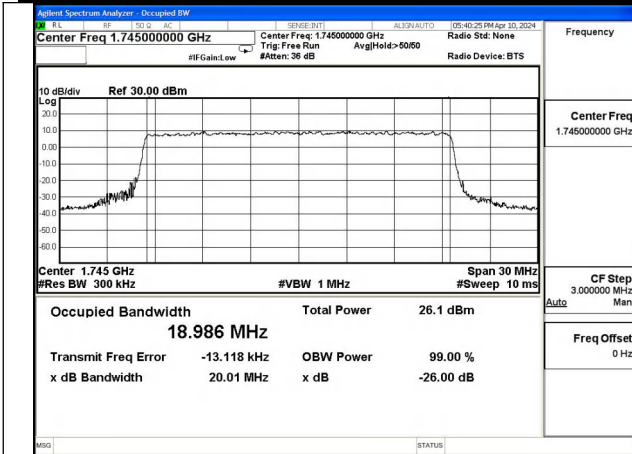


Fig.43

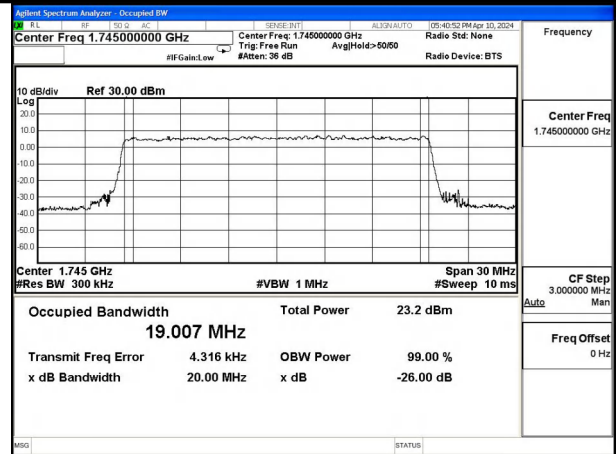


Fig.44

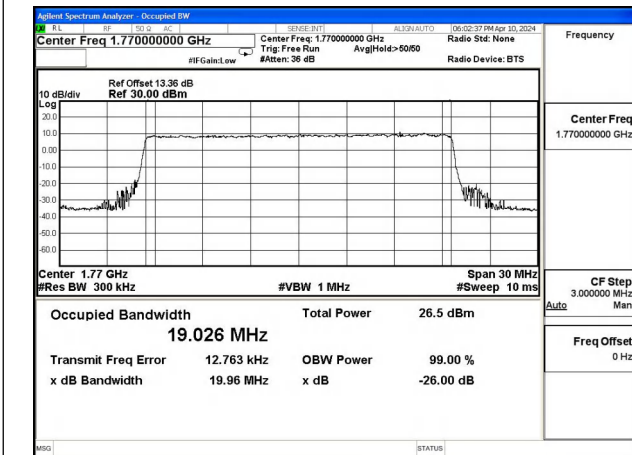


Fig.45

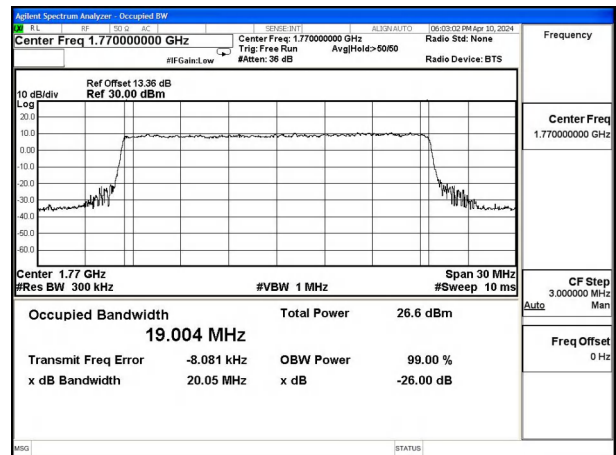


Fig.46

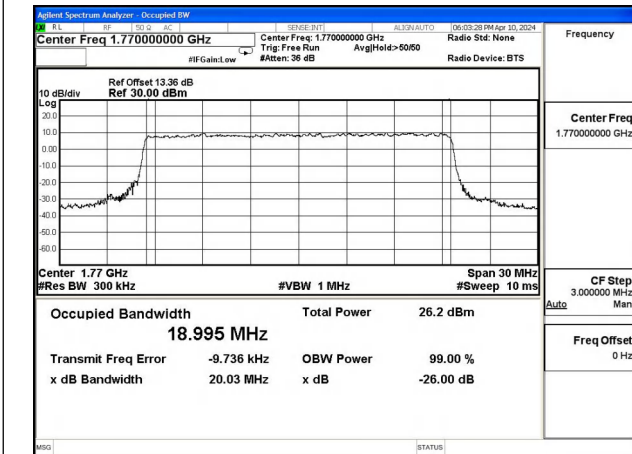


Fig.47

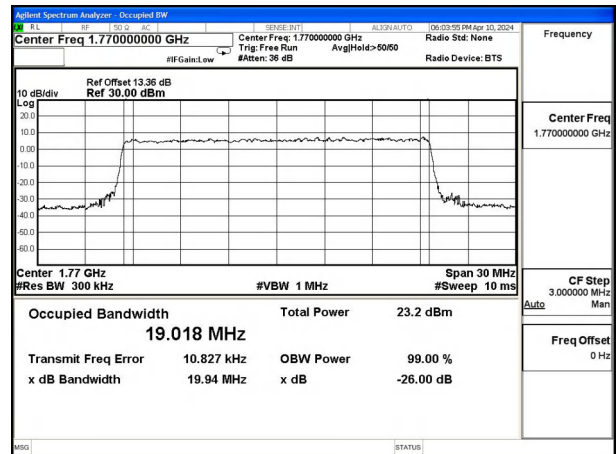


Fig.48

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	1712.5	342500	5	25	0	5.120	Fig.1
CP-OFDM 16QAM	1712.5	342500	5	25	0	5.190	Fig.2
CP-OFDM 64QAM	1712.5	342500	5	25	0	5.160	Fig.3
CP-OFDM 256QAM	1712.5	342500	5	25	0	5.100	Fig.4
CP-OFDM QPSK	1745	349000	5	25	0	5.240	Fig.5
CP-OFDM 16QAM	1745	349000	5	25	0	5.170	Fig.6
CP-OFDM 64QAM	1745	349000	5	25	0	5.140	Fig.7
CP-OFDM 256QAM	1745	349000	5	25	0	5.210	Fig.8
CP-OFDM QPSK	1777.5	355500	5	25	0	5.170	Fig.9
CP-OFDM 16QAM	1777.5	355500	5	25	0	5.170	Fig.10
CP-OFDM 64QAM	1777.5	355500	5	25	0	5.180	Fig.11
CP-OFDM 256QAM	1777.5	355500	5	25	0	5.190	Fig.12
CP-OFDM QPSK	1715	343000	10	52	0	10.070	Fig.13
CP-OFDM 16QAM	1715	343000	10	52	0	9.990	Fig.14
CP-OFDM 64QAM	1715	343000	10	52	0	9.980	Fig.15
CP-OFDM 256QAM	1715	343000	10	52	0	10.030	Fig.16
CP-OFDM QPSK	1745	349000	10	52	0	10.020	Fig.17
CP-OFDM 16QAM	1745	349000	10	52	0	9.810	Fig.18
CP-OFDM 64QAM	1745	349000	10	52	0	10.080	Fig.19
CP-OFDM 256QAM	1745	349000	10	52	0	9.860	Fig.20
CP-OFDM QPSK	1775	355000	10	52	0	10.100	Fig.21
CP-OFDM 16QAM	1775	355000	10	52	0	9.940	Fig.22
CP-OFDM 64QAM	1775	355000	10	52	0	10.040	Fig.23
CP-OFDM 256QAM	1775	355000	10	52	0	10.030	Fig.24
CP-OFDM QPSK	1717.5	343500	15	79	0	15.090	Fig.25
CP-OFDM 16QAM	1717.5	343500	15	79	0	15.100	Fig.26
CP-OFDM 64QAM	1717.5	343500	15	79	0	15.220	Fig.27
CP-OFDM 256QAM	1717.5	343500	15	79	0	15.130	Fig.28
CP-OFDM QPSK	1745	349000	15	79	0	15.000	Fig.29
CP-OFDM 16QAM	1745	349000	15	79	0	14.950	Fig.30
CP-OFDM 64QAM	1745	349000	15	79	0	15.070	Fig.31
CP-OFDM 256QAM	1745	349000	15	79	0	15.090	Fig.32
CP-OFDM QPSK	1772.5	354500	15	79	0	15.080	Fig.33
CP-OFDM 16QAM	1772.5	354500	15	79	0	15.020	Fig.34
CP-OFDM 64QAM	1772.5	354500	15	79	0	15.210	Fig.35
CP-OFDM 256QAM	1772.5	354500	15	79	0	15.210	Fig.36
CP-OFDM QPSK	1720	344000	20	106	0	20.110	Fig.37
CP-OFDM 16QAM	1720	344000	20	106	0	19.970	Fig.38
CP-OFDM 64QAM	1720	344000	20	106	0	19.990	Fig.39
CP-OFDM 256QAM	1720	344000	20	106	0	20.090	Fig.40
CP-OFDM QPSK	1745	349000	20	106	0	20.010	Fig.41
CP-OFDM 16QAM	1745	349000	20	106	0	20.000	Fig.42
CP-OFDM 64QAM	1745	349000	20	106	0	20.010	Fig.43

CP-OFDM 256QAM	1745	349000	20	106	0	20.000	Fig.44
CP-OFDM QPSK	1770	354000	20	106	0	19.960	Fig.45
CP-OFDM 16QAM	1770	354000	20	106	0	20.050	Fig.46
CP-OFDM 64QAM	1770	354000	20	106	0	20.030	Fig.47
CP-OFDM 256QAM	1770	354000	20	106	0	19.940	Fig.48

Test Plot:

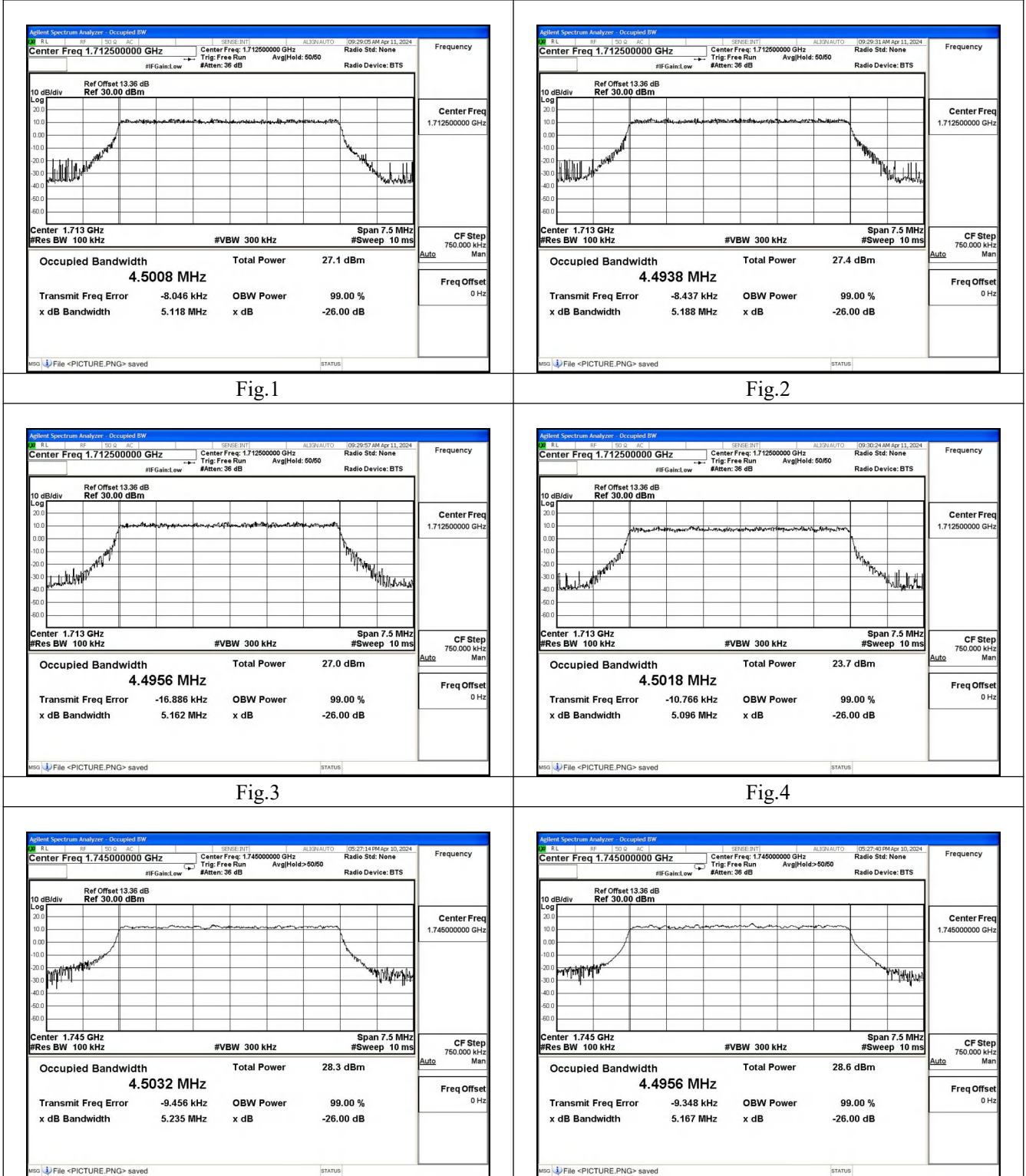


Fig.5

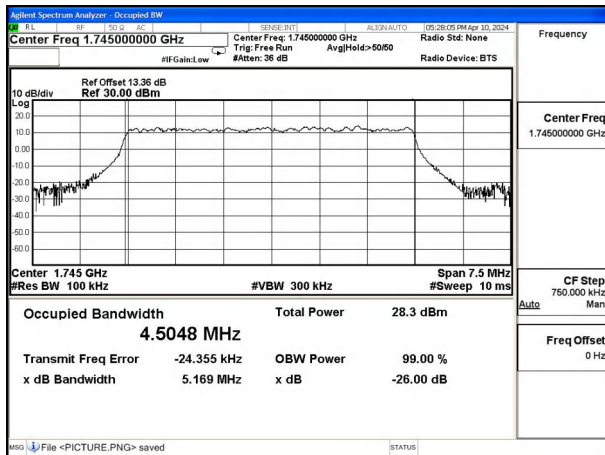


Fig.6

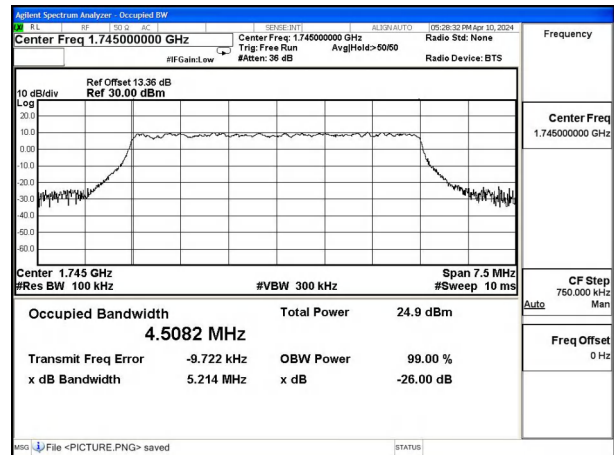


Fig.7

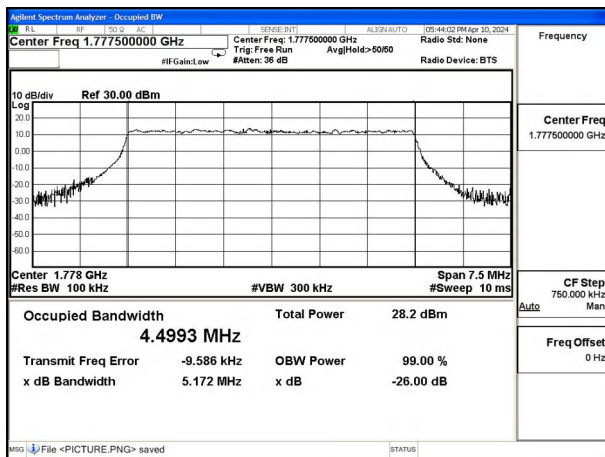


Fig.8

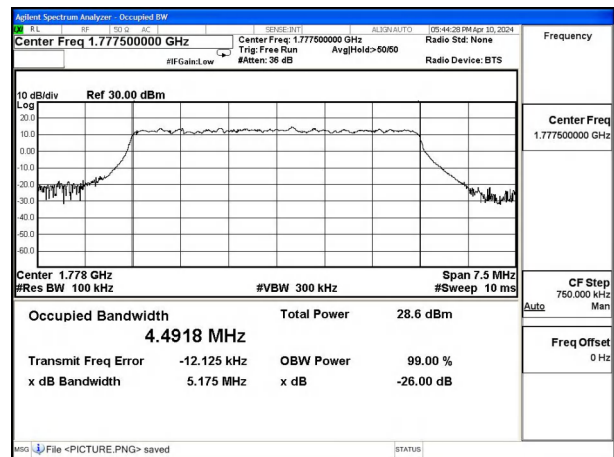


Fig.9

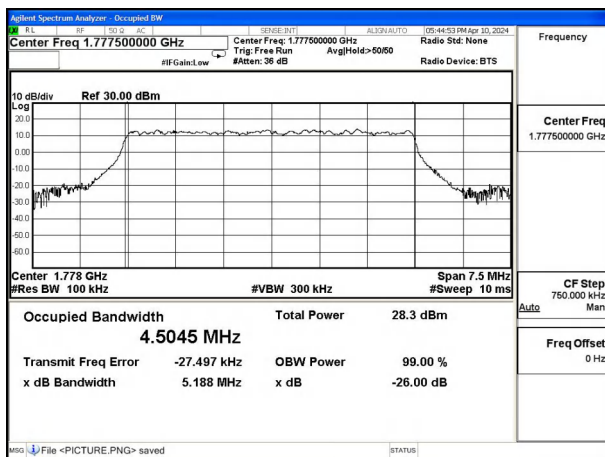


Fig.10

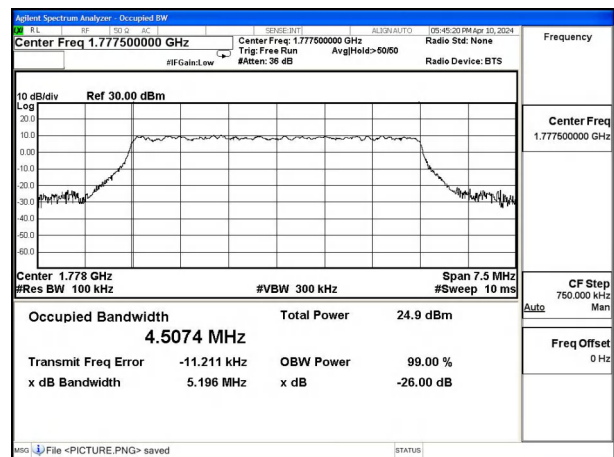


Fig.11

Fig.12

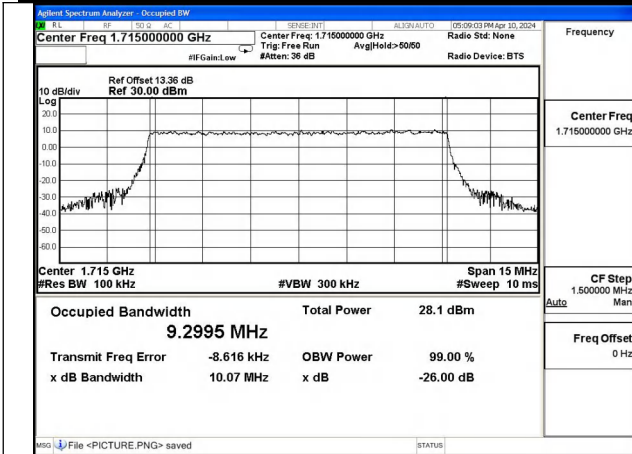


Fig.13

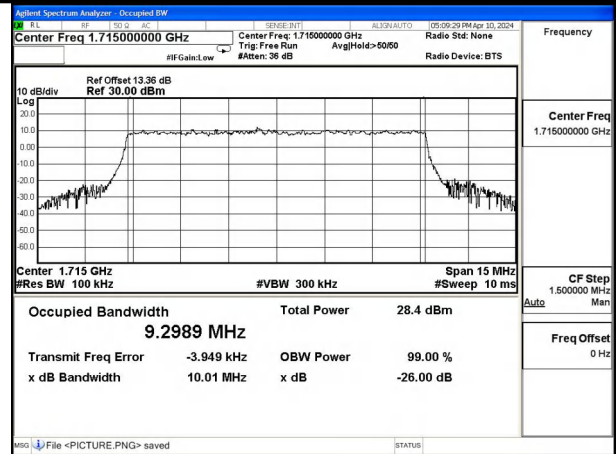


Fig.14

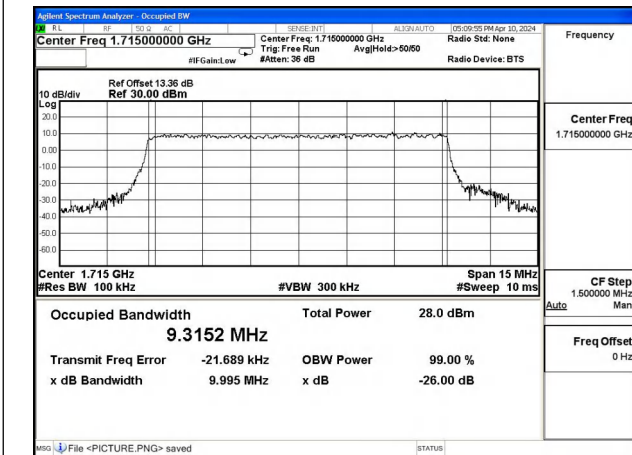


Fig.15

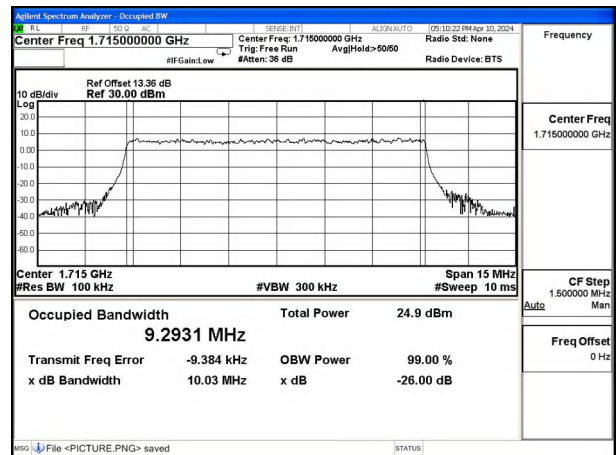


Fig.16

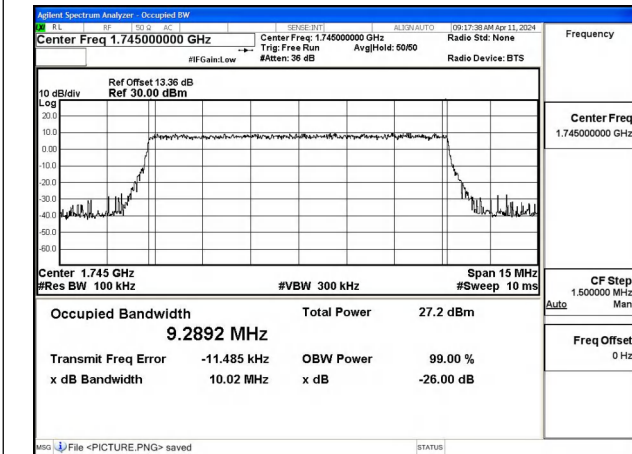


Fig.17

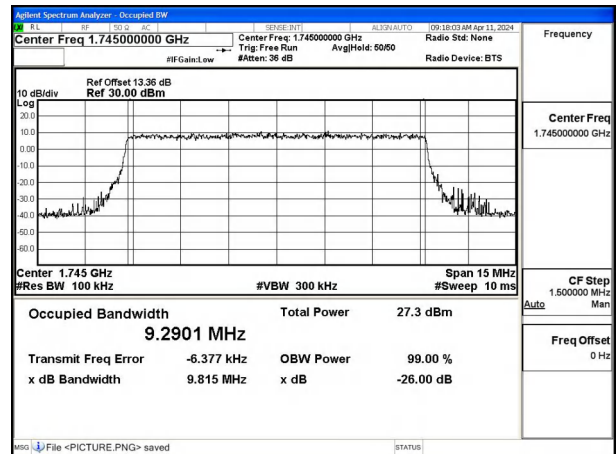


Fig.18