

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

N5(824-849)

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	826.5	165300	5	12	6	22.14
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	1	23.57
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	23	24.13
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	25	0	22.67
DFT-s-OFDM QPSK	826.5	165300	5	12	6	22.74
DFT-s-OFDM QPSK	826.5	165300	5	1	1	23.48
DFT-s-OFDM QPSK	826.5	165300	5	1	23	23.66
DFT-s-OFDM QPSK	826.5	165300	5	25	0	22.48
DFT-s-OFDM 16QAM	826.5	165300	5	12	6	22.39
DFT-s-OFDM 16QAM	826.5	165300	5	1	1	22.42
DFT-s-OFDM 16QAM	826.5	165300	5	1	23	22.70
DFT-s-OFDM 16QAM	826.5	165300	5	25	0	21.49
DFT-s-OFDM 64QAM	826.5	165300	5	12	6	21.04
DFT-s-OFDM 64QAM	826.5	165300	5	1	1	21.18
DFT-s-OFDM 64QAM	826.5	165300	5	1	23	21.82
DFT-s-OFDM 64QAM	826.5	165300	5	25	0	21.02
DFT-s-OFDM 256QAM	826.5	165300	5	12	6	18.35
DFT-s-OFDM 256QAM	826.5	165300	5	1	1	18.58
DFT-s-OFDM 256QAM	826.5	165300	5	1	23	18.82
DFT-s-OFDM 256QAM	826.5	165300	5	25	0	18.89
CP-OFDM QPSK	826.5	165300	5	13	6	21.70
CP-OFDM QPSK	826.5	165300	5	1	1	21.99
CP-OFDM QPSK	826.5	165300	5	1	23	22.09
CP-OFDM QPSK	826.5	165300	5	25	0	20.46
CP-OFDM 16QAM	826.5	165300	5	13	6	21.43
CP-OFDM 16QAM	826.5	165300	5	1	1	21.51
CP-OFDM 16QAM	826.5	165300	5	1	23	21.70
CP-OFDM 16QAM	826.5	165300	5	25	0	20.44
CP-OFDM 64QAM	826.5	165300	5	13	6	20.09
CP-OFDM 64QAM	826.5	165300	5	1	1	20.04
CP-OFDM 64QAM	826.5	165300	5	1	23	19.78
CP-OFDM 64QAM	826.5	165300	5	25	0	19.99
CP-OFDM 256QAM	826.5	165300	5	13	6	16.87
CP-OFDM 256QAM	826.5	165300	5	1	1	16.65
CP-OFDM 256QAM	826.5	165300	5	1	23	17.13
CP-OFDM 256QAM	826.5	165300	5	25	0	16.97
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	12	6	22.39
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	1	23.82
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	23	23.69
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	25	0	22.89
DFT-s-OFDM QPSK	836.5	167300	5	12	6	23.62

DFT-s-OFDM QPSK	836.5	167300	5	1	1	23.82
DFT-s-OFDM QPSK	836.5	167300	5	1	23	23.70
DFT-s-OFDM QPSK	836.5	167300	5	25	0	22.79
DFT-s-OFDM 16QAM	836.5	167300	5	12	6	22.89
DFT-s-OFDM 16QAM	836.5	167300	5	1	1	23.04
DFT-s-OFDM 16QAM	836.5	167300	5	1	23	22.94
DFT-s-OFDM 16QAM	836.5	167300	5	25	0	21.86
DFT-s-OFDM 64QAM	836.5	167300	5	12	6	21.36
DFT-s-OFDM 64QAM	836.5	167300	5	1	1	21.12
DFT-s-OFDM 64QAM	836.5	167300	5	1	23	20.96
DFT-s-OFDM 64QAM	836.5	167300	5	25	0	21.39
DFT-s-OFDM 256QAM	836.5	167300	5	12	6	18.83
DFT-s-OFDM 256QAM	836.5	167300	5	1	1	19.20
DFT-s-OFDM 256QAM	836.5	167300	5	1	23	19.06
DFT-s-OFDM 256QAM	836.5	167300	5	25	0	18.87
CP-OFDM QPSK	836.5	167300	5	13	6	22.55
CP-OFDM QPSK	836.5	167300	5	1	1	22.55
CP-OFDM QPSK	836.5	167300	5	1	23	22.25
CP-OFDM QPSK	836.5	167300	5	25	0	20.86
CP-OFDM 16QAM	836.5	167300	5	13	6	21.83
CP-OFDM 16QAM	836.5	167300	5	1	1	22.09
CP-OFDM 16QAM	836.5	167300	5	1	23	21.86
CP-OFDM 16QAM	836.5	167300	5	25	0	20.81
CP-OFDM 64QAM	836.5	167300	5	13	6	20.27
CP-OFDM 64QAM	836.5	167300	5	1	1	20.13
CP-OFDM 64QAM	836.5	167300	5	1	23	20.00
CP-OFDM 64QAM	836.5	167300	5	25	0	20.40
CP-OFDM 256QAM	836.5	167300	5	13	6	17.79
CP-OFDM 256QAM	836.5	167300	5	1	1	17.09
CP-OFDM 256QAM	836.5	167300	5	1	23	16.91
CP-OFDM 256QAM	836.5	167300	5	25	0	17.29
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	12	6	21.25
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	1	23.83
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	23	23.96
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	25	0	23.00
DFT-s-OFDM QPSK	846.5	169300	5	12	6	22.01
DFT-s-OFDM QPSK	846.5	169300	5	1	1	23.64
DFT-s-OFDM QPSK	846.5	169300	5	1	23	23.84
DFT-s-OFDM QPSK	846.5	169300	5	25	0	22.81
DFT-s-OFDM 16QAM	846.5	169300	5	12	6	22.92
DFT-s-OFDM 16QAM	846.5	169300	5	1	1	22.84
DFT-s-OFDM 16QAM	846.5	169300	5	1	23	22.99
DFT-s-OFDM 16QAM	846.5	169300	5	25	0	21.85
DFT-s-OFDM 64QAM	846.5	169300	5	12	6	21.36
DFT-s-OFDM 64QAM	846.5	169300	5	1	1	20.92
DFT-s-OFDM 64QAM	846.5	169300	5	1	23	21.07

DFT-s-OFDM 64QAM	846.5	169300	5	25	0	21.25
DFT-s-OFDM 256QAM	846.5	169300	5	12	6	17.43
DFT-s-OFDM 256QAM	846.5	169300	5	1	1	18.99
DFT-s-OFDM 256QAM	846.5	169300	5	1	23	19.14
DFT-s-OFDM 256QAM	846.5	169300	5	25	0	17.63
CP-OFDM QPSK	846.5	169300	5	13	6	20.50
CP-OFDM QPSK	846.5	169300	5	1	1	22.29
CP-OFDM QPSK	846.5	169300	5	1	23	22.33
CP-OFDM QPSK	846.5	169300	5	25	0	20.78
CP-OFDM 16QAM	846.5	169300	5	13	6	21.76
CP-OFDM 16QAM	846.5	169300	5	1	1	21.90
CP-OFDM 16QAM	846.5	169300	5	1	23	21.96
CP-OFDM 16QAM	846.5	169300	5	25	0	20.86
CP-OFDM 64QAM	846.5	169300	5	13	6	20.35
CP-OFDM 64QAM	846.5	169300	5	1	1	20.00
CP-OFDM 64QAM	846.5	169300	5	1	23	19.96
CP-OFDM 64QAM	846.5	169300	5	25	0	20.33
CP-OFDM 256QAM	846.5	169300	5	13	6	17.86
CP-OFDM 256QAM	846.5	169300	5	1	1	16.93
CP-OFDM 256QAM	846.5	169300	5	1	23	17.00
CP-OFDM 256QAM	846.5	169300	5	25	0	17.35

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	829	165800	10	25	12	22.04
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	1	23.26
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	50	23.69
DFT-s-OFDM PI/2 BPSK	829	165800	10	50	0	22.69
DFT-s-OFDM QPSK	829	165800	10	25	12	23.03
DFT-s-OFDM QPSK	829	165800	10	1	1	23.32
DFT-s-OFDM QPSK	829	165800	10	1	50	23.73
DFT-s-OFDM QPSK	829	165800	10	50	0	22.65
DFT-s-OFDM 16QAM	829	165800	10	25	12	22.63
DFT-s-OFDM 16QAM	829	165800	10	1	1	22.48
DFT-s-OFDM 16QAM	829	165800	10	1	50	22.93
DFT-s-OFDM 16QAM	829	165800	10	50	0	21.69
DFT-s-OFDM 64QAM	829	165800	10	25	12	21.19
DFT-s-OFDM 64QAM	829	165800	10	1	1	20.53
DFT-s-OFDM 64QAM	829	165800	10	1	50	21.01
DFT-s-OFDM 64QAM	829	165800	10	50	0	21.15
DFT-s-OFDM 256QAM	829	165800	10	25	12	18.67
DFT-s-OFDM 256QAM	829	165800	10	1	1	18.68
DFT-s-OFDM 256QAM	829	165800	10	1	50	18.99
DFT-s-OFDM 256QAM	829	165800	10	50	0	18.99
CP-OFDM QPSK	829	165800	10	26	13	21.99
CP-OFDM QPSK	829	165800	10	1	1	22.33

CP-OFDM QPSK	829	165800	10	1	50	22.26
CP-OFDM QPSK	829	165800	10	52	0	20.65
CP-OFDM 16QAM	829	165800	10	26	13	21.60
CP-OFDM 16QAM	829	165800	10	1	1	21.54
CP-OFDM 16QAM	829	165800	10	1	50	21.86
CP-OFDM 16QAM	829	165800	10	52	0	20.76
CP-OFDM 64QAM	829	165800	10	26	13	20.26
CP-OFDM 64QAM	829	165800	10	1	1	19.58
CP-OFDM 64QAM	829	165800	10	1	50	19.92
CP-OFDM 64QAM	829	165800	10	52	0	20.13
CP-OFDM 256QAM	829	165800	10	26	13	17.49
CP-OFDM 256QAM	829	165800	10	1	1	16.72
CP-OFDM 256QAM	829	165800	10	1	50	17.33
CP-OFDM 256QAM	829	165800	10	52	0	17.20
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	25	12	22.71
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	1	23.89
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	50	23.66
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	50	0	22.89
DFT-s-OFDM QPSK	836.5	167300	10	25	12	23.09
DFT-s-OFDM QPSK	836.5	167300	10	1	1	23.75
DFT-s-OFDM QPSK	836.5	167300	10	1	50	23.45
DFT-s-OFDM QPSK	836.5	167300	10	50	0	22.73
DFT-s-OFDM 16QAM	836.5	167300	10	25	12	22.75
DFT-s-OFDM 16QAM	836.5	167300	10	1	1	23.23
DFT-s-OFDM 16QAM	836.5	167300	10	1	50	22.67
DFT-s-OFDM 16QAM	836.5	167300	10	50	0	21.65
DFT-s-OFDM 64QAM	836.5	167300	10	25	12	21.18
DFT-s-OFDM 64QAM	836.5	167300	10	1	1	20.93
DFT-s-OFDM 64QAM	836.5	167300	10	1	50	20.71
DFT-s-OFDM 64QAM	836.5	167300	10	50	0	21.15
DFT-s-OFDM 256QAM	836.5	167300	10	25	12	18.63
DFT-s-OFDM 256QAM	836.5	167300	10	1	1	18.85
DFT-s-OFDM 256QAM	836.5	167300	10	1	50	19.00
DFT-s-OFDM 256QAM	836.5	167300	10	50	0	18.76
CP-OFDM QPSK	836.5	167300	10	26	13	22.96
CP-OFDM QPSK	836.5	167300	10	1	1	22.14
CP-OFDM QPSK	836.5	167300	10	1	50	21.96
CP-OFDM QPSK	836.5	167300	10	52	0	20.54
CP-OFDM 16QAM	836.5	167300	10	26	13	21.47
CP-OFDM 16QAM	836.5	167300	10	1	1	21.78
CP-OFDM 16QAM	836.5	167300	10	1	50	21.48
CP-OFDM 16QAM	836.5	167300	10	52	0	21.11
CP-OFDM 64QAM	836.5	167300	10	26	13	20.70
CP-OFDM 64QAM	836.5	167300	10	1	1	20.18
CP-OFDM 64QAM	836.5	167300	10	1	50	19.59
CP-OFDM 64QAM	836.5	167300	10	52	0	20.07

CP-OFDM 256QAM	836.5	167300	10	26	13	17.51
CP-OFDM 256QAM	836.5	167300	10	1	1	16.91
CP-OFDM 256QAM	836.5	167300	10	1	50	16.79
CP-OFDM 256QAM	836.5	167300	10	52	0	17.13
DFT-s-OFDM PI/2 BPSK	844	168800	10	25	12	21.62
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	1	23.55
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	50	23.90
DFT-s-OFDM PI/2 BPSK	844	168800	10	50	0	22.84
DFT-s-OFDM QPSK	844	168800	10	25	12	22.39
DFT-s-OFDM QPSK	844	168800	10	1	1	23.43
DFT-s-OFDM QPSK	844	168800	10	1	50	23.92
DFT-s-OFDM QPSK	844	168800	10	50	0	22.76
DFT-s-OFDM 16QAM	844	168800	10	25	12	22.71
DFT-s-OFDM 16QAM	844	168800	10	1	1	22.52
DFT-s-OFDM 16QAM	844	168800	10	1	50	22.88
DFT-s-OFDM 16QAM	844	168800	10	50	0	21.70
DFT-s-OFDM 64QAM	844	168800	10	25	12	21.18
DFT-s-OFDM 64QAM	844	168800	10	1	1	20.69
DFT-s-OFDM 64QAM	844	168800	10	1	50	20.97
DFT-s-OFDM 64QAM	844	168800	10	50	0	21.16
DFT-s-OFDM 256QAM	844	168800	10	25	12	17.94
DFT-s-OFDM 256QAM	844	168800	10	1	1	17.98
DFT-s-OFDM 256QAM	844	168800	10	1	50	19.42
DFT-s-OFDM 256QAM	844	168800	10	50	0	19.08
CP-OFDM QPSK	844	168800	10	26	13	21.34
CP-OFDM QPSK	844	168800	10	1	1	21.97
CP-OFDM QPSK	844	168800	10	1	50	22.22
CP-OFDM QPSK	844	168800	10	52	0	20.73
CP-OFDM 16QAM	844	168800	10	26	13	21.58
CP-OFDM 16QAM	844	168800	10	1	1	21.68
CP-OFDM 16QAM	844	168800	10	1	50	21.87
CP-OFDM 16QAM	844	168800	10	52	0	21.25
CP-OFDM 64QAM	844	168800	10	26	13	20.48
CP-OFDM 64QAM	844	168800	10	1	1	19.62
CP-OFDM 64QAM	844	168800	10	1	50	19.88
CP-OFDM 64QAM	844	168800	10	52	0	20.08
CP-OFDM 256QAM	844	168800	10	26	13	16.83
CP-OFDM 256QAM	844	168800	10	1	1	16.65
CP-OFDM 256QAM	844	168800	10	1	50	16.88
CP-OFDM 256QAM	844	168800	10	52	0	17.20

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	36	18	22.13
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	1	23.38
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	77	23.61

DFT-s-OFDM PI/2 BPSK	831.5	166300	15	75	0	22.74
DFT-s-OFDM QPSK	831.5	166300	15	36	18	23.10
DFT-s-OFDM QPSK	831.5	166300	15	1	1	23.31
DFT-s-OFDM QPSK	831.5	166300	15	1	77	23.56
DFT-s-OFDM QPSK	831.5	166300	15	75	0	22.79
DFT-s-OFDM 16QAM	831.5	166300	15	36	18	22.74
DFT-s-OFDM 16QAM	831.5	166300	15	1	1	22.51
DFT-s-OFDM 16QAM	831.5	166300	15	1	77	22.72
DFT-s-OFDM 16QAM	831.5	166300	15	75	0	21.77
DFT-s-OFDM 64QAM	831.5	166300	15	36	18	21.34
DFT-s-OFDM 64QAM	831.5	166300	15	1	1	20.59
DFT-s-OFDM 64QAM	831.5	166300	15	1	77	20.86
DFT-s-OFDM 64QAM	831.5	166300	15	75	0	21.20
DFT-s-OFDM 256QAM	831.5	166300	15	36	18	18.45
DFT-s-OFDM 256QAM	831.5	166300	15	1	1	18.75
DFT-s-OFDM 256QAM	831.5	166300	15	1	77	19.03
DFT-s-OFDM 256QAM	831.5	166300	15	75	0	18.50
CP-OFDM QPSK	831.5	166300	15	39	19	21.50
CP-OFDM QPSK	831.5	166300	15	1	1	21.95
CP-OFDM QPSK	831.5	166300	15	1	77	22.11
CP-OFDM QPSK	831.5	166300	15	79	0	20.77
CP-OFDM 16QAM	831.5	166300	15	39	19	21.78
CP-OFDM 16QAM	831.5	166300	15	1	1	21.55
CP-OFDM 16QAM	831.5	166300	15	1	77	21.78
CP-OFDM 16QAM	831.5	166300	15	79	0	20.82
CP-OFDM 64QAM	831.5	166300	15	39	19	20.47
CP-OFDM 64QAM	831.5	166300	15	1	1	19.65
CP-OFDM 64QAM	831.5	166300	15	1	77	19.80
CP-OFDM 64QAM	831.5	166300	15	79	0	20.30
CP-OFDM 256QAM	831.5	166300	15	39	19	17.38
CP-OFDM 256QAM	831.5	166300	15	1	1	16.74
CP-OFDM 256QAM	831.5	166300	15	1	77	17.02
CP-OFDM 256QAM	831.5	166300	15	79	0	17.25
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	36	18	22.19
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	1	23.75
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	77	23.79
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	75	0	22.87
DFT-s-OFDM QPSK	836.5	167300	15	36	18	23.02
DFT-s-OFDM QPSK	836.5	167300	15	1	1	23.63
DFT-s-OFDM QPSK	836.5	167300	15	1	77	23.64
DFT-s-OFDM QPSK	836.5	167300	15	75	0	22.70
DFT-s-OFDM 16QAM	836.5	167300	15	36	18	22.71
DFT-s-OFDM 16QAM	836.5	167300	15	1	1	22.82
DFT-s-OFDM 16QAM	836.5	167300	15	1	77	22.79
DFT-s-OFDM 16QAM	836.5	167300	15	75	0	21.70
DFT-s-OFDM 64QAM	836.5	167300	15	36	18	21.27

DFT-s-OFDM 64QAM	836.5	167300	15	1	1	20.91
DFT-s-OFDM 64QAM	836.5	167300	15	1	77	20.91
DFT-s-OFDM 64QAM	836.5	167300	15	75	0	21.16
DFT-s-OFDM 256QAM	836.5	167300	15	36	18	18.36
DFT-s-OFDM 256QAM	836.5	167300	15	1	1	18.94
DFT-s-OFDM 256QAM	836.5	167300	15	1	77	19.04
DFT-s-OFDM 256QAM	836.5	167300	15	75	0	18.47
CP-OFDM QPSK	836.5	167300	15	39	19	22.49
CP-OFDM QPSK	836.5	167300	15	1	1	22.30
CP-OFDM QPSK	836.5	167300	15	1	77	22.19
CP-OFDM QPSK	836.5	167300	15	79	0	21.25
CP-OFDM 16QAM	836.5	167300	15	39	19	21.92
CP-OFDM 16QAM	836.5	167300	15	1	1	21.87
CP-OFDM 16QAM	836.5	167300	15	1	77	21.70
CP-OFDM 16QAM	836.5	167300	15	79	0	20.73
CP-OFDM 64QAM	836.5	167300	15	39	19	20.15
CP-OFDM 64QAM	836.5	167300	15	1	1	19.96
CP-OFDM 64QAM	836.5	167300	15	1	77	20.00
CP-OFDM 64QAM	836.5	167300	15	79	0	20.28
CP-OFDM 256QAM	836.5	167300	15	39	19	17.35
CP-OFDM 256QAM	836.5	167300	15	1	1	16.94
CP-OFDM 256QAM	836.5	167300	15	1	77	17.01
CP-OFDM 256QAM	836.5	167300	15	79	0	17.45
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	36	18	21.76
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	1	23.75
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	77	23.96
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	75	0	22.93
DFT-s-OFDM QPSK	841.5	168300	15	36	18	22.63
DFT-s-OFDM QPSK	841.5	168300	15	1	1	23.59
DFT-s-OFDM QPSK	841.5	168300	15	1	77	23.86
DFT-s-OFDM QPSK	841.5	168300	15	75	0	23.43
DFT-s-OFDM 16QAM	841.5	168300	15	36	18	23.41
DFT-s-OFDM 16QAM	841.5	168300	15	1	1	22.78
DFT-s-OFDM 16QAM	841.5	168300	15	1	77	22.91
DFT-s-OFDM 16QAM	841.5	168300	15	75	0	21.65
DFT-s-OFDM 64QAM	841.5	168300	15	36	18	21.26
DFT-s-OFDM 64QAM	841.5	168300	15	1	1	20.89
DFT-s-OFDM 64QAM	841.5	168300	15	1	77	21.10
DFT-s-OFDM 64QAM	841.5	168300	15	75	0	21.26
DFT-s-OFDM 256QAM	841.5	168300	15	36	18	18.07
DFT-s-OFDM 256QAM	841.5	168300	15	1	1	18.94
DFT-s-OFDM 256QAM	841.5	168300	15	1	77	19.24
DFT-s-OFDM 256QAM	841.5	168300	15	75	0	18.07
CP-OFDM QPSK	841.5	168300	15	39	19	20.83
CP-OFDM QPSK	841.5	168300	15	1	1	22.19
CP-OFDM QPSK	841.5	168300	15	1	77	22.30

CP-OFDM QPSK	841.5	168300	15	79	0	21.63
CP-OFDM 16QAM	841.5	168300	15	39	19	22.45
CP-OFDM 16QAM	841.5	168300	15	1	1	21.84
CP-OFDM 16QAM	841.5	168300	15	1	77	21.93
CP-OFDM 16QAM	841.5	168300	15	79	0	20.67
CP-OFDM 64QAM	841.5	168300	15	39	19	20.28
CP-OFDM 64QAM	841.5	168300	15	1	1	19.86
CP-OFDM 64QAM	841.5	168300	15	1	77	19.96
CP-OFDM 64QAM	841.5	168300	15	79	0	20.18
CP-OFDM 256QAM	841.5	168300	15	39	19	17.15
CP-OFDM 256QAM	841.5	168300	15	1	1	16.96
CP-OFDM 256QAM	841.5	168300	15	1	77	17.10
CP-OFDM 256QAM	841.5	168300	15	79	0	17.43

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	834	166800	20	50	25	21.85
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	1	23.33
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	104	23.63
DFT-s-OFDM PI/2 BPSK	834	166800	20	100	0	22.79
DFT-s-OFDM QPSK	834	166800	20	50	25	22.85
DFT-s-OFDM QPSK	834	166800	20	1	1	23.29
DFT-s-OFDM QPSK	834	166800	20	1	104	23.58
DFT-s-OFDM QPSK	834	166800	20	100	0	22.83
DFT-s-OFDM 16QAM	834	166800	20	50	25	22.88
DFT-s-OFDM 16QAM	834	166800	20	1	1	22.50
DFT-s-OFDM 16QAM	834	166800	20	1	104	22.74
DFT-s-OFDM 16QAM	834	166800	20	100	0	21.72
DFT-s-OFDM 64QAM	834	166800	20	50	25	21.34
DFT-s-OFDM 64QAM	834	166800	20	1	1	20.56
DFT-s-OFDM 64QAM	834	166800	20	1	104	20.83
DFT-s-OFDM 64QAM	834	166800	20	100	0	21.19
DFT-s-OFDM 256QAM	834	166800	20	50	25	18.60
DFT-s-OFDM 256QAM	834	166800	20	1	1	18.73
DFT-s-OFDM 256QAM	834	166800	20	1	104	19.15
DFT-s-OFDM 256QAM	834	166800	20	100	0	18.51
CP-OFDM QPSK	834	166800	20	53	26	24.48
CP-OFDM QPSK	834	166800	20	1	1	21.93
CP-OFDM QPSK	834	166800	20	1	104	22.22
CP-OFDM QPSK	834	166800	20	106	0	20.70
CP-OFDM 16QAM	834	166800	20	53	26	21.81
CP-OFDM 16QAM	834	166800	20	1	1	21.52
CP-OFDM 16QAM	834	166800	20	1	104	21.71
CP-OFDM 16QAM	834	166800	20	106	0	20.64
CP-OFDM 64QAM	834	166800	20	53	26	20.42
CP-OFDM 64QAM	834	166800	20	1	1	19.65

CP-OFDM 64QAM	834	166800	20	1	104	19.85
CP-OFDM 64QAM	834	166800	20	106	0	20.27
CP-OFDM 256QAM	834	166800	20	53	26	17.37
CP-OFDM 256QAM	834	166800	20	1	1	16.74
CP-OFDM 256QAM	834	166800	20	1	104	17.05
CP-OFDM 256QAM	834	166800	20	106	0	17.18
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	50	25	22.33
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	1	23.61
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	104	23.87
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	100	0	22.99
DFT-s-OFDM QPSK	836.5	167300	20	50	25	23.03
DFT-s-OFDM QPSK	836.5	167300	20	1	1	23.58
DFT-s-OFDM QPSK	836.5	167300	20	1	104	23.74
DFT-s-OFDM QPSK	836.5	167300	20	100	0	22.71
DFT-s-OFDM 16QAM	836.5	167300	20	50	25	22.85
DFT-s-OFDM 16QAM	836.5	167300	20	1	1	22.68
DFT-s-OFDM 16QAM	836.5	167300	20	1	104	22.88
DFT-s-OFDM 16QAM	836.5	167300	20	100	0	21.72
DFT-s-OFDM 64QAM	836.5	167300	20	50	25	21.36
DFT-s-OFDM 64QAM	836.5	167300	20	1	1	20.86
DFT-s-OFDM 64QAM	836.5	167300	20	1	104	21.04
DFT-s-OFDM 64QAM	836.5	167300	20	100	0	21.31
DFT-s-OFDM 256QAM	836.5	167300	20	50	25	18.61
DFT-s-OFDM 256QAM	836.5	167300	20	1	1	18.89
DFT-s-OFDM 256QAM	836.5	167300	20	1	104	19.17
DFT-s-OFDM 256QAM	836.5	167300	20	100	0	18.50
CP-OFDM QPSK	836.5	167300	20	53	26	24.34
CP-OFDM QPSK	836.5	167300	20	1	1	22.20
CP-OFDM QPSK	836.5	167300	20	1	104	22.28
CP-OFDM QPSK	836.5	167300	20	106	0	20.87
CP-OFDM 16QAM	836.5	167300	20	53	26	22.12
CP-OFDM 16QAM	836.5	167300	20	1	1	21.84
CP-OFDM 16QAM	836.5	167300	20	1	104	21.89
CP-OFDM 16QAM	836.5	167300	20	106	0	20.83
CP-OFDM 64QAM	836.5	167300	20	53	26	20.61
CP-OFDM 64QAM	836.5	167300	20	1	1	19.78
CP-OFDM 64QAM	836.5	167300	20	1	104	19.97
CP-OFDM 64QAM	836.5	167300	20	106	0	20.33
CP-OFDM 256QAM	836.5	167300	20	53	26	17.48
CP-OFDM 256QAM	836.5	167300	20	1	1	16.90
CP-OFDM 256QAM	836.5	167300	20	1	104	17.10
CP-OFDM 256QAM	836.5	167300	20	106	0	17.37
DFT-s-OFDM PI/2 BPSK	839	167800	20	50	25	22.03
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	1	23.86
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	104	23.95
DFT-s-OFDM PI/2 BPSK	839	167800	20	100	0	23.01

DFT-s-OFDM QPSK	839	167800	20	50	25	22.91
DFT-s-OFDM QPSK	839	167800	20	1	1	23.63
DFT-s-OFDM QPSK	839	167800	20	1	104	23.75
DFT-s-OFDM QPSK	839	167800	20	100	0	22.81
DFT-s-OFDM 16QAM	839	167800	20	50	25	22.93
DFT-s-OFDM 16QAM	839	167800	20	1	1	22.80
DFT-s-OFDM 16QAM	839	167800	20	1	104	22.89
DFT-s-OFDM 16QAM	839	167800	20	100	0	21.95
DFT-s-OFDM 64QAM	839	167800	20	50	25	21.58
DFT-s-OFDM 64QAM	839	167800	20	1	1	20.95
DFT-s-OFDM 64QAM	839	167800	20	1	104	21.03
DFT-s-OFDM 64QAM	839	167800	20	100	0	21.37
DFT-s-OFDM 256QAM	839	167800	20	50	25	20.50
DFT-s-OFDM 256QAM	839	167800	20	1	1	19.03
DFT-s-OFDM 256QAM	839	167800	20	1	104	19.25
DFT-s-OFDM 256QAM	839	167800	20	100	0	18.39
CP-OFDM QPSK	839	167800	20	53	26	21.33
CP-OFDM QPSK	839	167800	20	1	1	22.28
CP-OFDM QPSK	839	167800	20	1	104	22.35
CP-OFDM QPSK	839	167800	20	106	0	20.82
CP-OFDM 16QAM	839	167800	20	53	26	21.90
CP-OFDM 16QAM	839	167800	20	1	1	21.82
CP-OFDM 16QAM	839	167800	20	1	104	21.90
CP-OFDM 16QAM	839	167800	20	106	0	20.79
CP-OFDM 64QAM	839	167800	20	53	26	20.50
CP-OFDM 64QAM	839	167800	20	1	1	19.95
CP-OFDM 64QAM	839	167800	20	1	104	20.00
CP-OFDM 64QAM	839	167800	20	106	0	20.29
CP-OFDM 256QAM	839	167800	20	53	26	17.49
CP-OFDM 256QAM	839	167800	20	1	1	16.95
CP-OFDM 256QAM	839	167800	20	1	104	17.12
CP-OFDM 256QAM	839	167800	20	106	0	17.31

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	826.5	165300	5	25	0	4.490	Fig.1
CP-OFDM 16QAM	826.5	165300	5	25	0	4.510	Fig.2
CP-OFDM 64QAM	826.5	165300	5	25	0	4.490	Fig.3
CP-OFDM 256QAM	826.5	165300	5	25	0	4.510	Fig.4
CP-OFDM QPSK	836.5	167300	5	25	0	4.520	Fig.5
CP-OFDM 16QAM	836.5	167300	5	25	0	4.500	Fig.6
CP-OFDM 64QAM	836.5	167300	5	25	0	4.500	Fig.7
CP-OFDM 256QAM	836.5	167300	5	25	0	4.520	Fig.8
CP-OFDM QPSK	846.5	169300	5	25	0	4.500	Fig.9
CP-OFDM 16QAM	846.5	169300	5	25	0	4.500	Fig.10
CP-OFDM 64QAM	846.5	169300	5	25	0	4.510	Fig.11
CP-OFDM 256QAM	846.5	169300	5	25	0	4.510	Fig.12
CP-OFDM QPSK	829	165800	10	52	0	9.290	Fig.13
CP-OFDM 16QAM	829	165800	10	52	0	9.290	Fig.14
CP-OFDM 64QAM	829	165800	10	52	0	9.300	Fig.15
CP-OFDM 256QAM	829	165800	10	52	0	9.290	Fig.16
CP-OFDM QPSK	836.5	167300	10	52	0	9.290	Fig.17
CP-OFDM 16QAM	836.5	167300	10	52	0	9.280	Fig.18
CP-OFDM 64QAM	836.5	167300	10	52	0	9.270	Fig.19
CP-OFDM 256QAM	836.5	167300	10	52	0	9.290	Fig.20
CP-OFDM QPSK	844	168800	10	52	0	9.300	Fig.21
CP-OFDM 16QAM	844	168800	10	52	0	9.280	Fig.22
CP-OFDM 64QAM	844	168800	10	52	0	9.290	Fig.23
CP-OFDM 256QAM	844	168800	10	52	0	9.290	Fig.24
CP-OFDM QPSK	831.5	166300	15	79	0	14.200	Fig.25
CP-OFDM 16QAM	831.5	166300	15	79	0	14.200	Fig.26
CP-OFDM 64QAM	831.5	166300	15	79	0	14.240	Fig.27
CP-OFDM 256QAM	831.5	166300	15	79	0	14.170	Fig.28
CP-OFDM QPSK	836.5	167300	15	79	0	14.210	Fig.29
CP-OFDM 16QAM	836.5	167300	15	79	0	14.190	Fig.30
CP-OFDM 64QAM	836.5	167300	15	79	0	14.230	Fig.31
CP-OFDM 256QAM	836.5	167300	15	79	0	14.170	Fig.32
CP-OFDM QPSK	841.5	168300	15	79	0	14.210	Fig.33
CP-OFDM 16QAM	841.5	168300	15	79	0	14.200	Fig.34
CP-OFDM 64QAM	841.5	168300	15	79	0	14.240	Fig.35
CP-OFDM 256QAM	841.5	168300	15	79	0	14.170	Fig.36
CP-OFDM QPSK	834	166800	20	106	0	19.020	Fig.37
CP-OFDM 16QAM	834	166800	20	106	0	19.000	Fig.38
CP-OFDM 64QAM	834	166800	20	106	0	18.980	Fig.39
CP-OFDM 256QAM	834	166800	20	106	0	19.010	Fig.40
CP-OFDM QPSK	836.5	167300	20	106	0	19.010	Fig.41
CP-OFDM 16QAM	836.5	167300	20	106	0	18.990	Fig.42
CP-OFDM 64QAM	836.5	167300	20	106	0	19.000	Fig.43

CP-OFDM 256QAM	836.5	167300	20	106	0	18.990	Fig.44
CP-OFDM QPSK	839	167800	20	106	0	19.030	Fig.45
CP-OFDM 16QAM	839	167800	20	106	0	19.000	Fig.46
CP-OFDM 64QAM	839	167800	20	106	0	18.990	Fig.47
CP-OFDM 256QAM	839	167800	20	106	0	19.030	Fig.48

Test Plot:

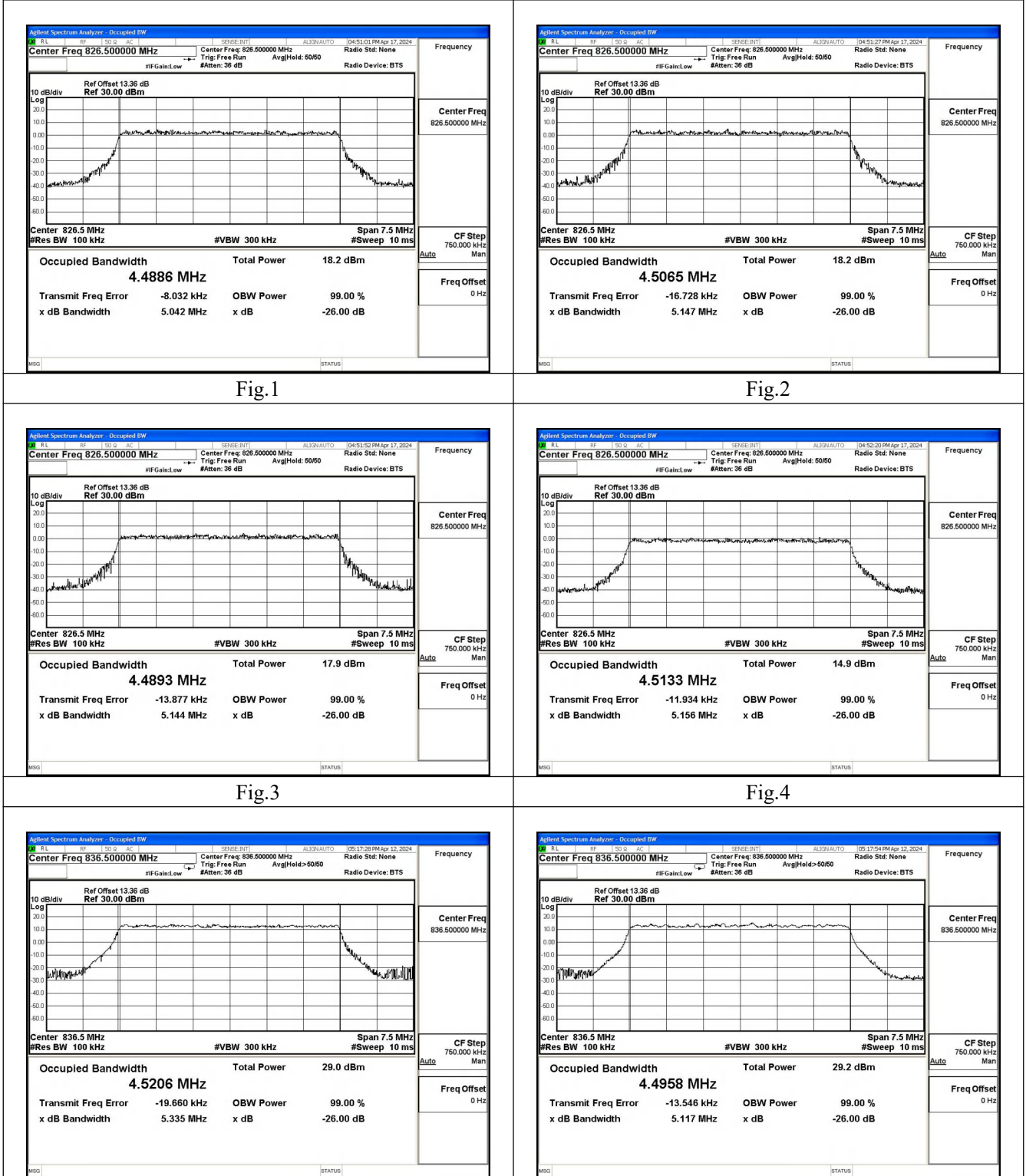


Fig.5

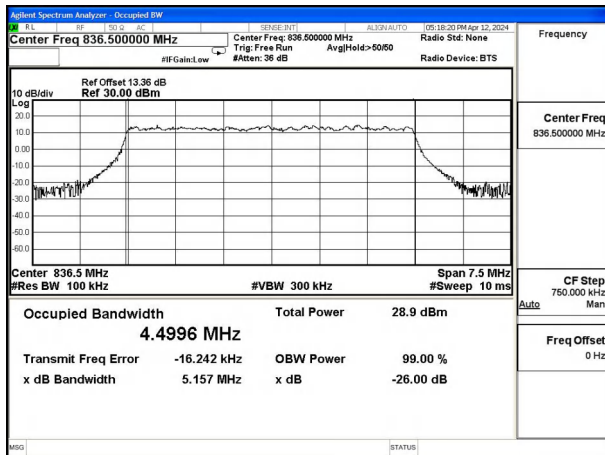


Fig.6

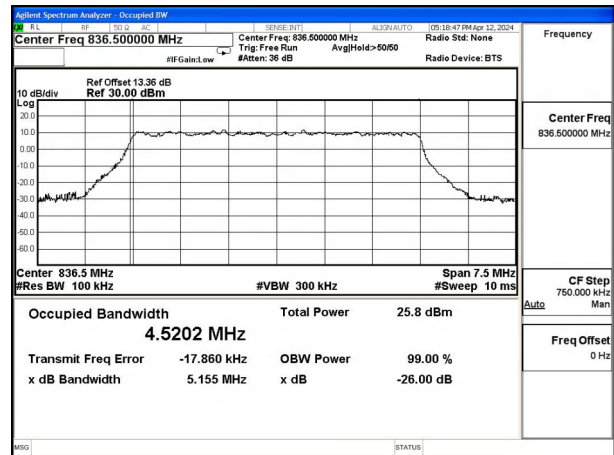


Fig.7

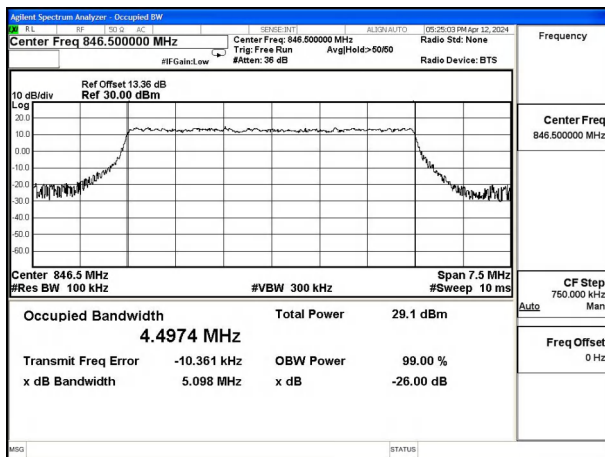


Fig.8

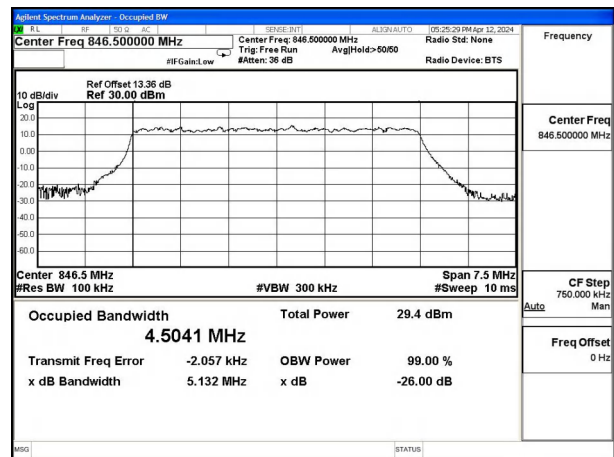


Fig.9

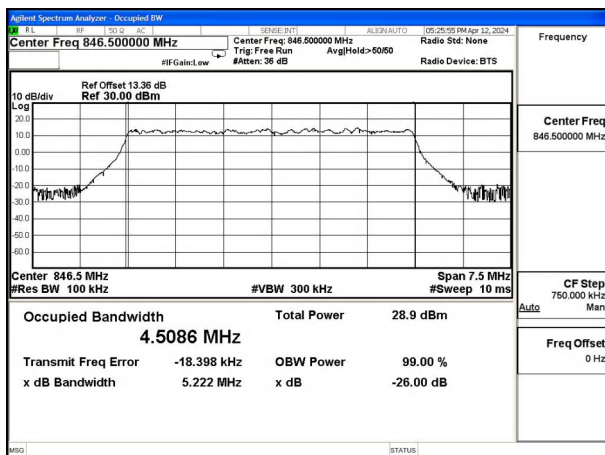


Fig.10

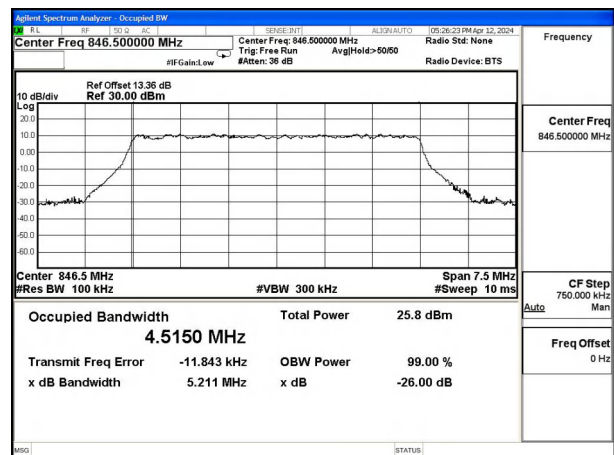


Fig.11

Fig.12

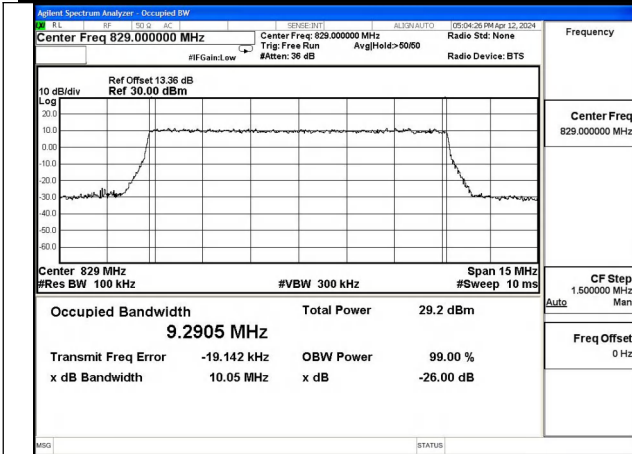


Fig.13

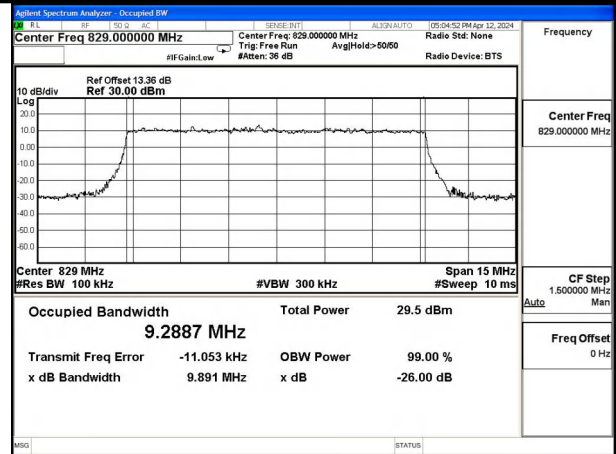


Fig.14

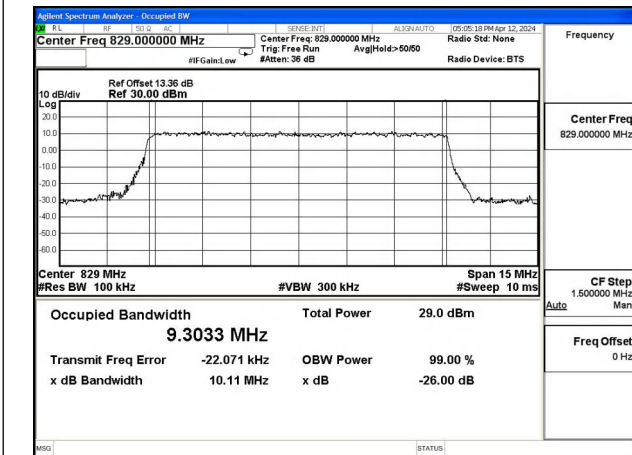


Fig.15

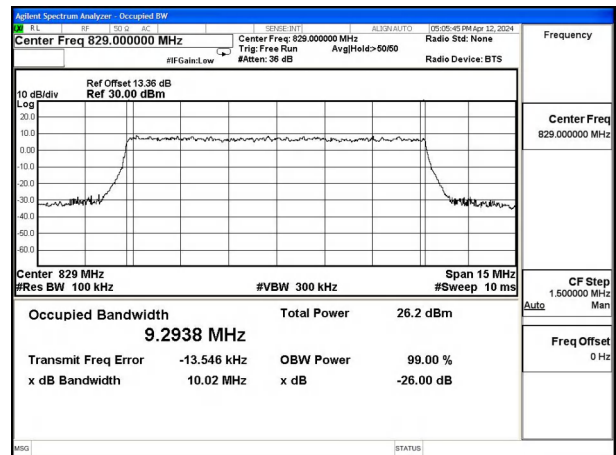


Fig.16

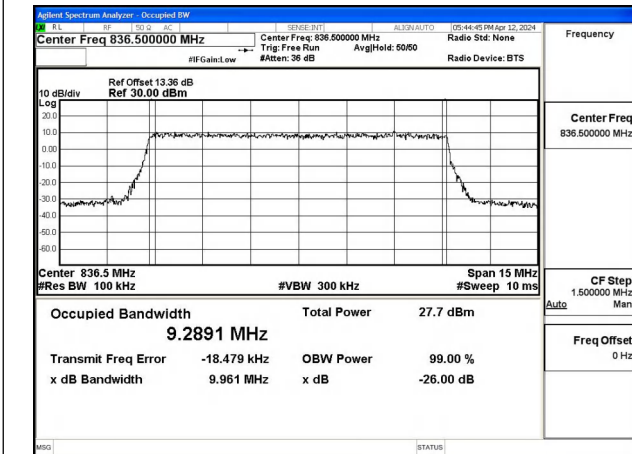


Fig.17

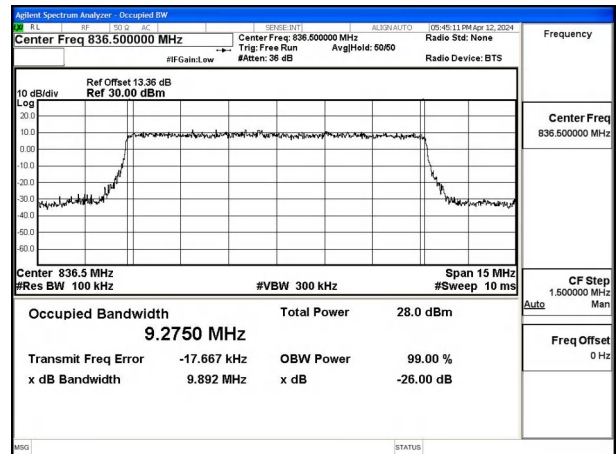


Fig.18

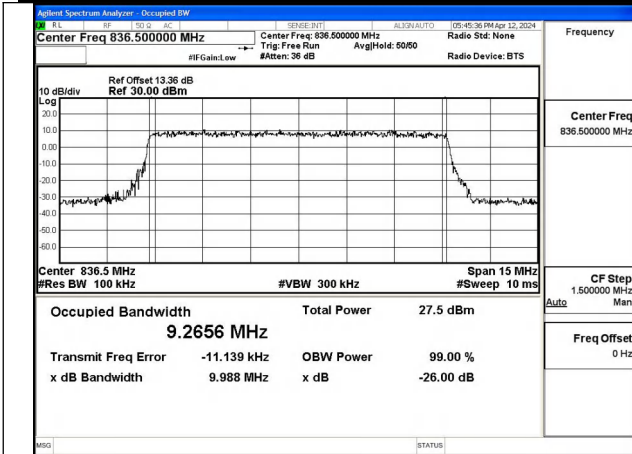


Fig.19

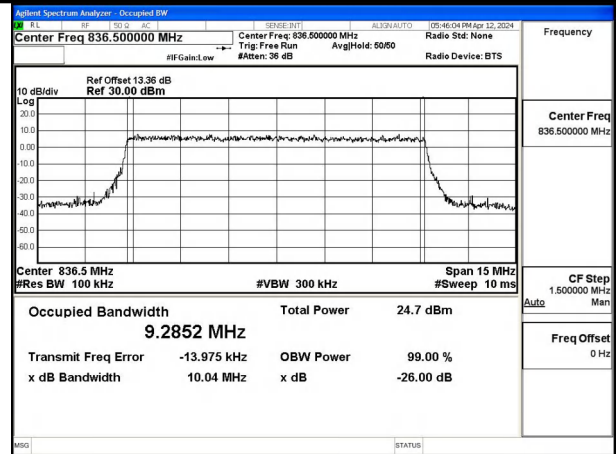


Fig.20

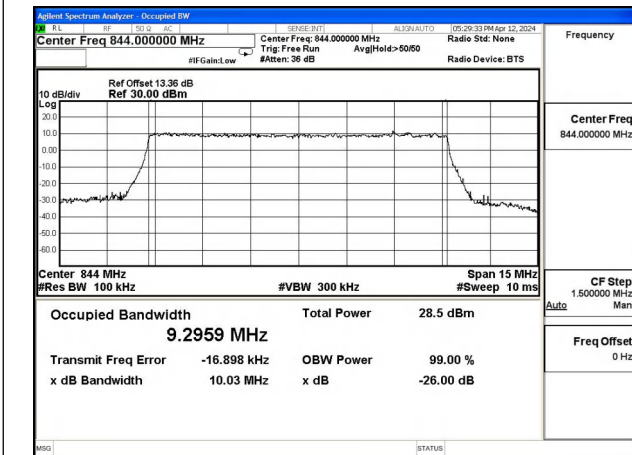


Fig.21

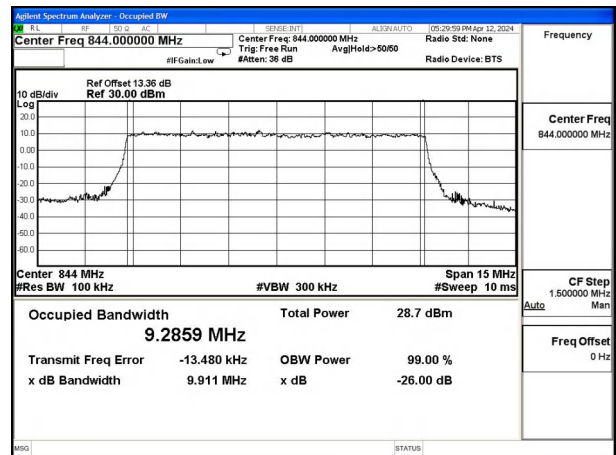


Fig.22

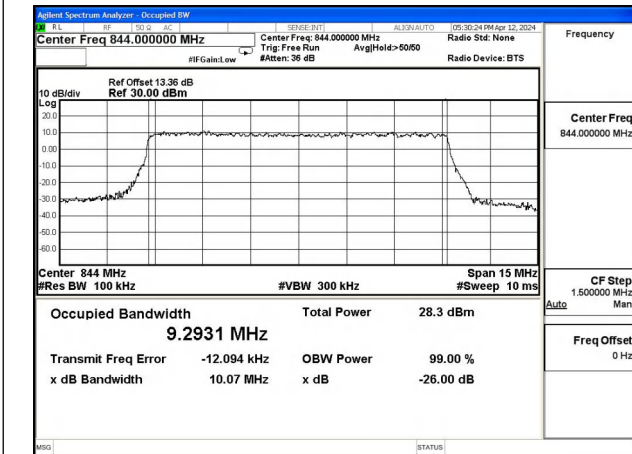


Fig.23

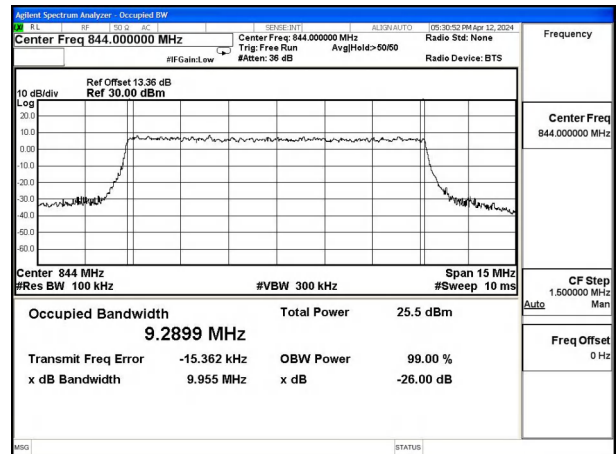


Fig.24

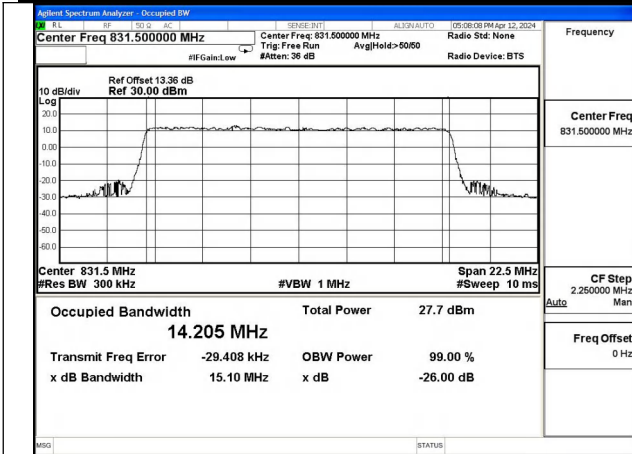


Fig.25

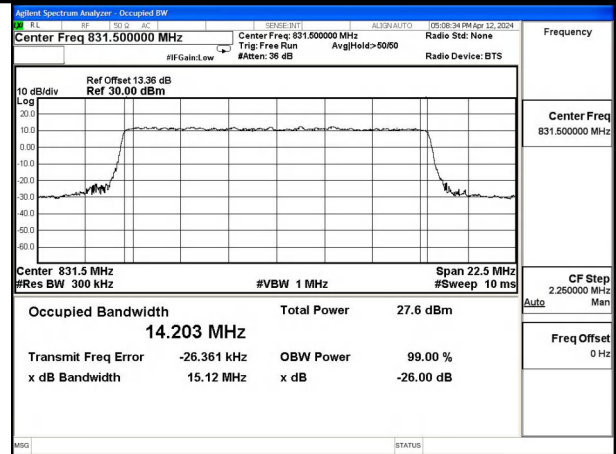


Fig.26

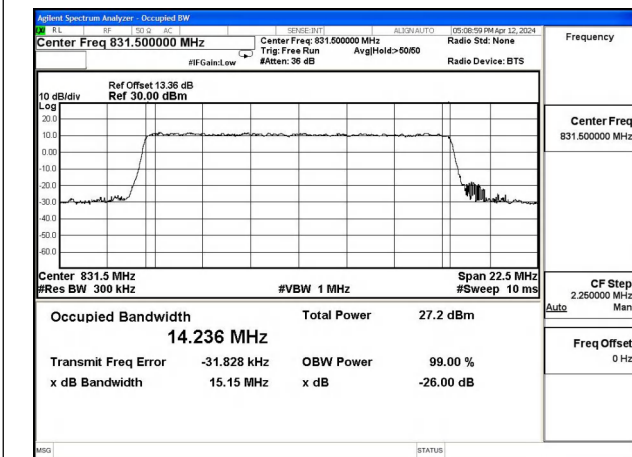


Fig.27

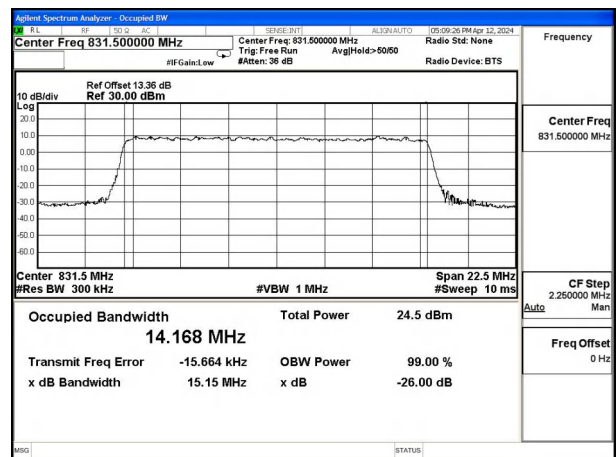


Fig.28

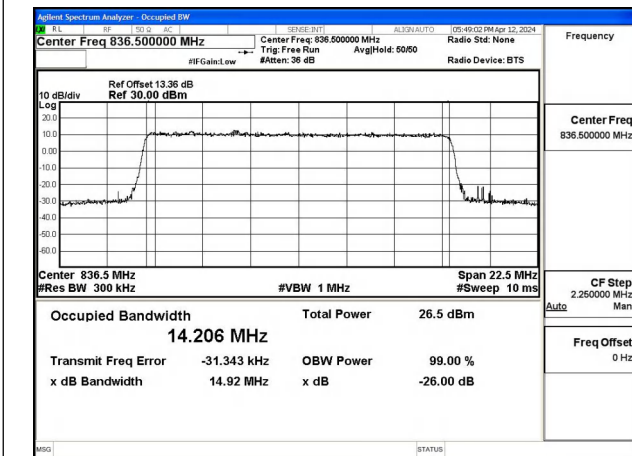


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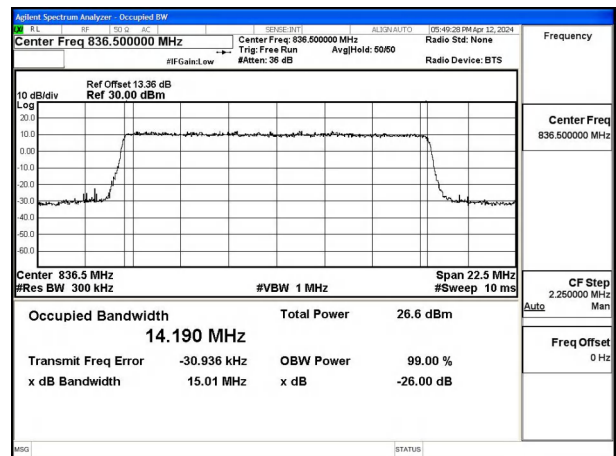


Fig.30

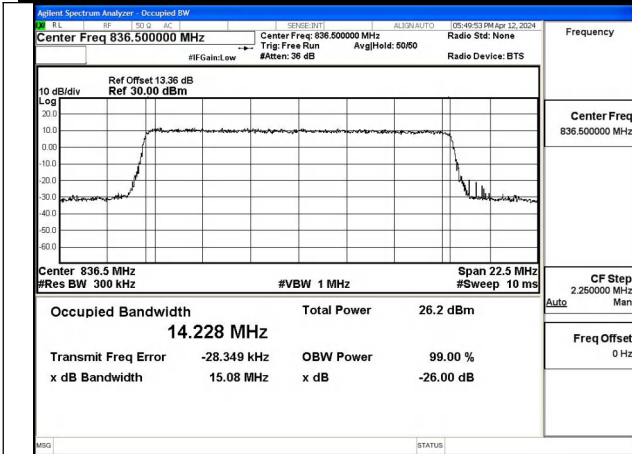


Fig.31

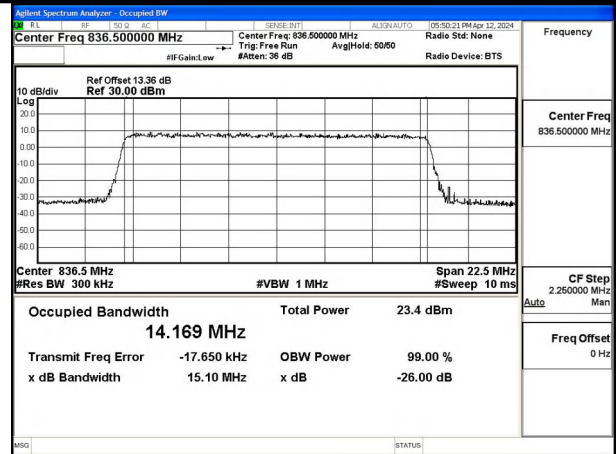


Fig.32

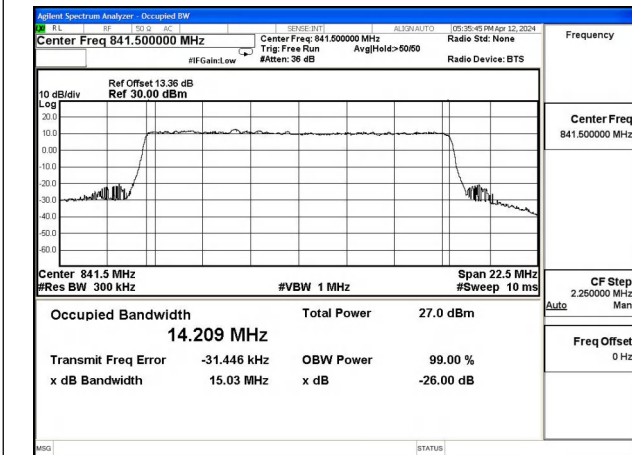


Fig.33

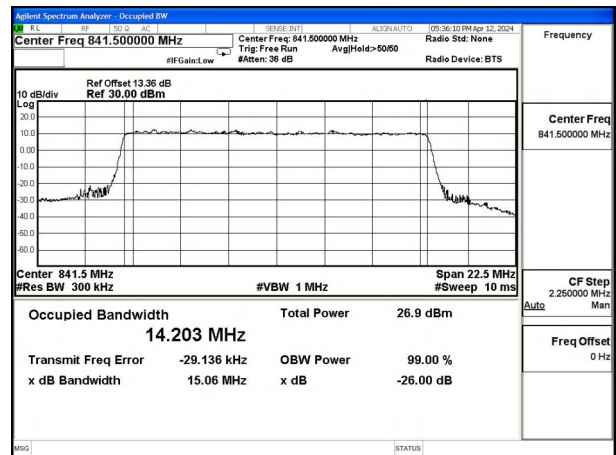


Fig.34

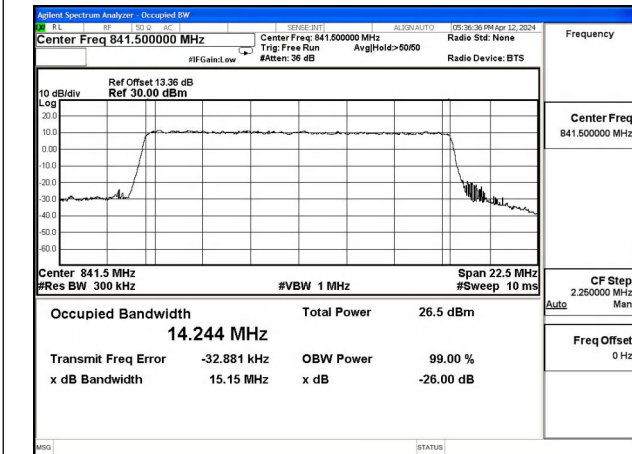


Fig.35

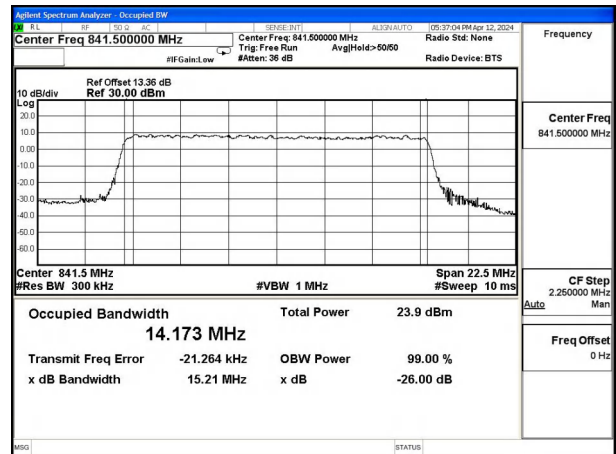


Fig.36

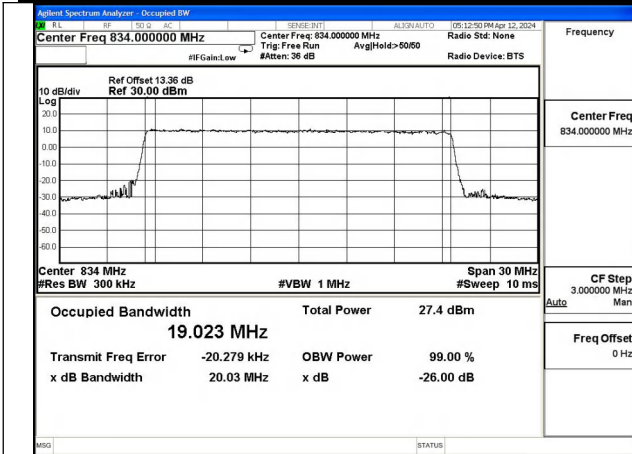


Fig.37

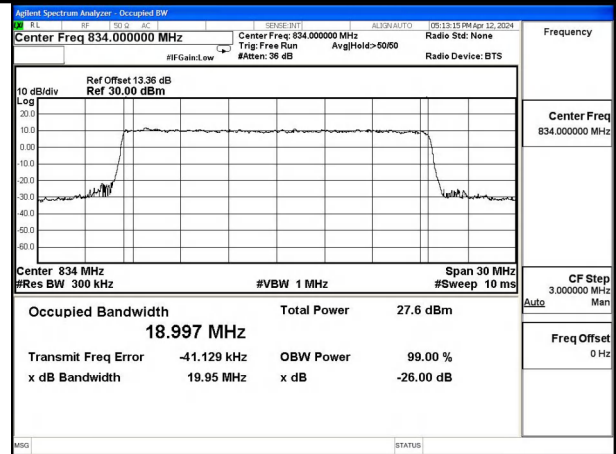


Fig.38

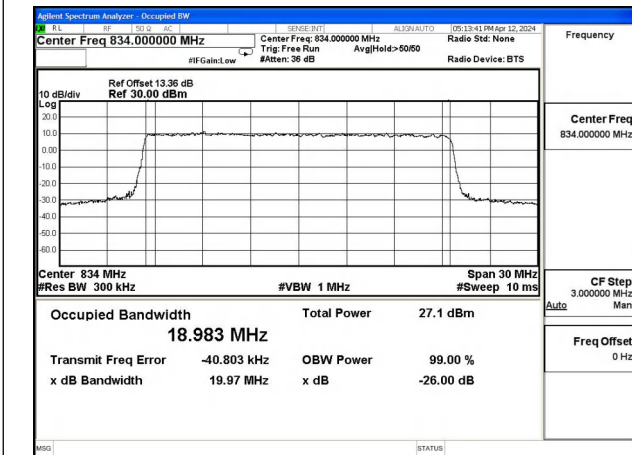


Fig.39

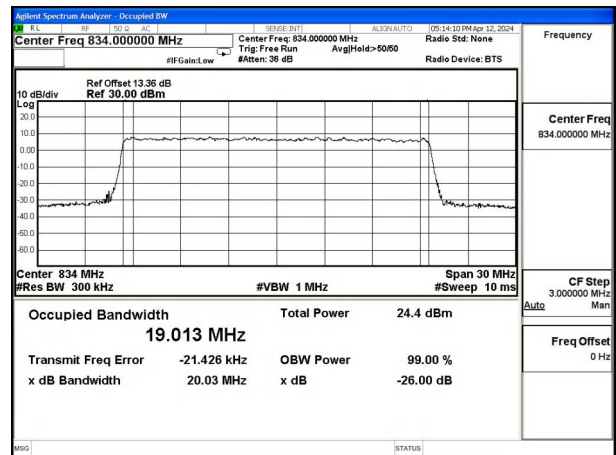


Fig.40

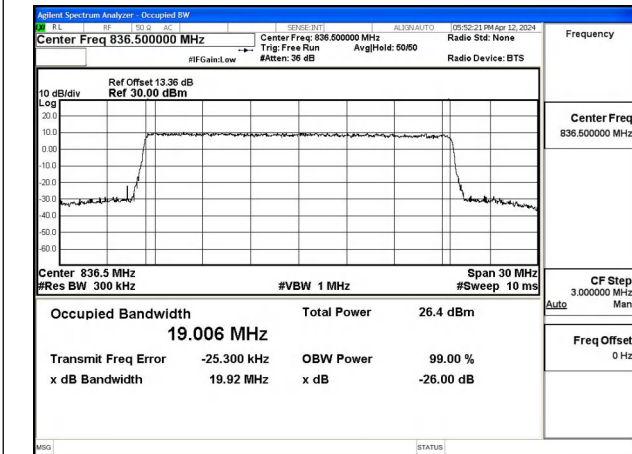


Fig.41

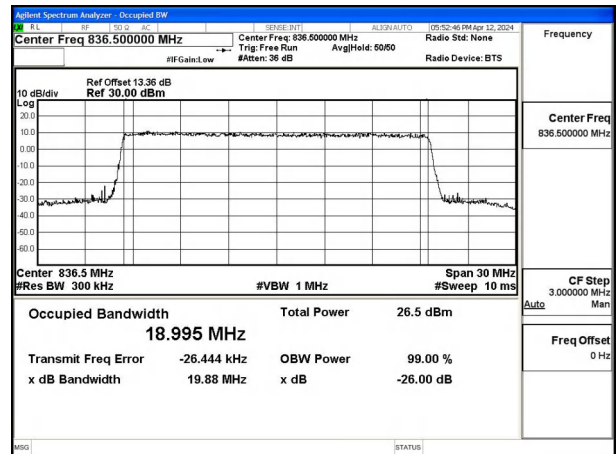


Fig.42

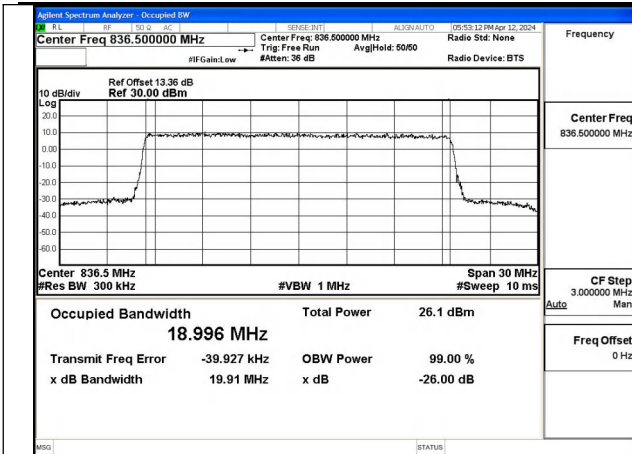


Fig.43

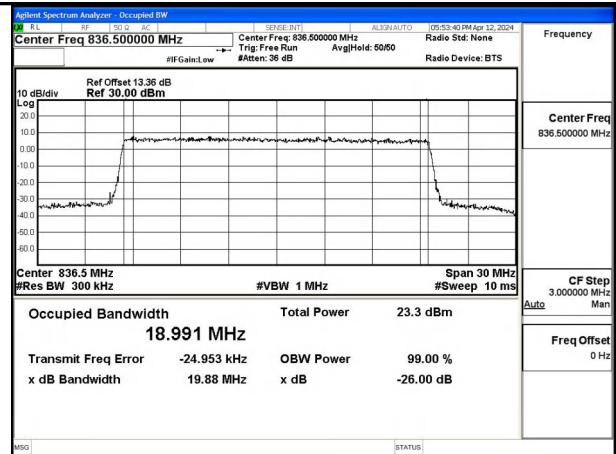


Fig.44

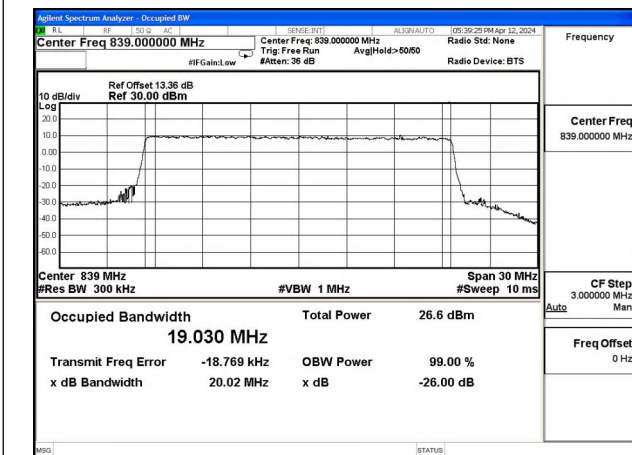


Fig.45

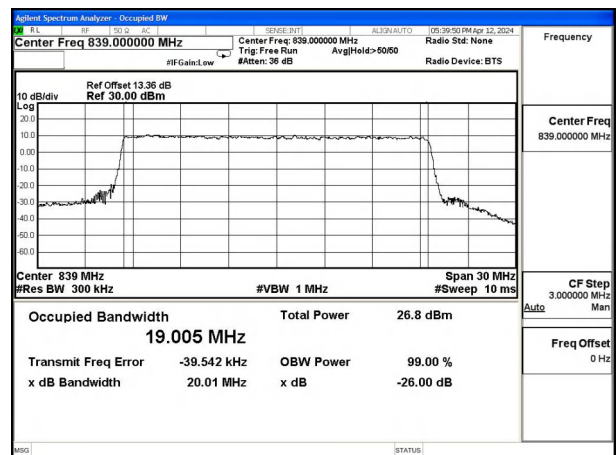


Fig.46

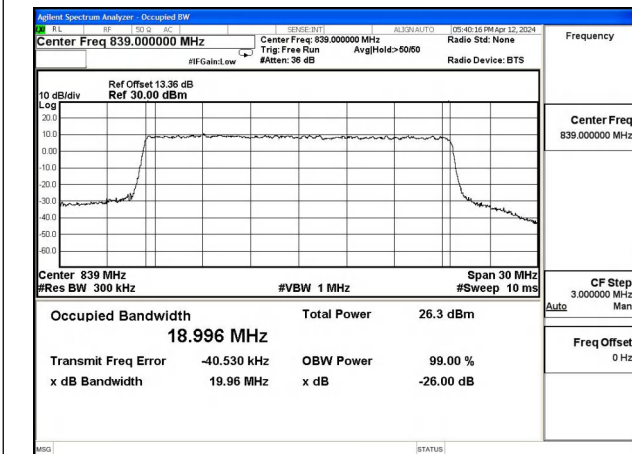


Fig.47

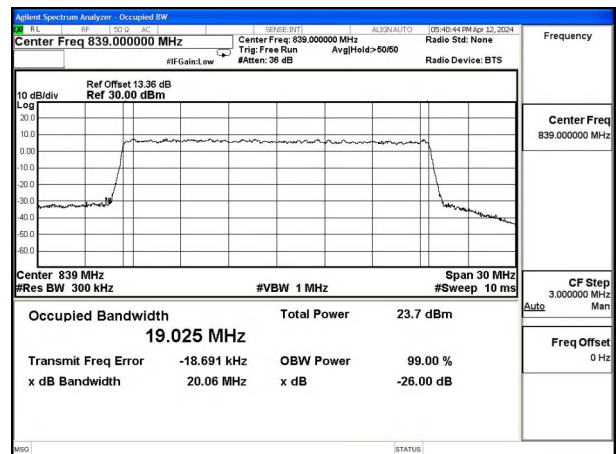


Fig.48

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	826.5	165300	5	25	0	5.040	Fig.1
CP-OFDM 16QAM	826.5	165300	5	25	0	5.150	Fig.2
CP-OFDM 64QAM	826.5	165300	5	25	0	5.140	Fig.3
CP-OFDM 256QAM	826.5	165300	5	25	0	5.160	Fig.4
CP-OFDM QPSK	836.5	167300	5	25	0	5.340	Fig.5
CP-OFDM 16QAM	836.5	167300	5	25	0	5.120	Fig.6
CP-OFDM 64QAM	836.5	167300	5	25	0	5.150	Fig.7
CP-OFDM 256QAM	836.5	167300	5	25	0	5.160	Fig.8
CP-OFDM QPSK	846.5	169300	5	25	0	5.100	Fig.9
CP-OFDM 16QAM	846.5	169300	5	25	0	5.130	Fig.10
CP-OFDM 64QAM	846.5	169300	5	25	0	5.220	Fig.11
CP-OFDM 256QAM	846.5	169300	5	25	0	5.210	Fig.12
CP-OFDM QPSK	829	165800	10	52	0	10.050	Fig.13
CP-OFDM 16QAM	829	165800	10	52	0	9.890	Fig.14
CP-OFDM 64QAM	829	165800	10	52	0	10.100	Fig.15
CP-OFDM 256QAM	829	165800	10	52	0	10.020	Fig.16
CP-OFDM QPSK	836.5	167300	10	52	0	9.960	Fig.17
CP-OFDM 16QAM	836.5	167300	10	52	0	9.890	Fig.18
CP-OFDM 64QAM	836.5	167300	10	52	0	9.990	Fig.19
CP-OFDM 256QAM	836.5	167300	10	52	0	10.040	Fig.20
CP-OFDM QPSK	844	168800	10	52	0	10.030	Fig.21
CP-OFDM 16QAM	844	168800	10	52	0	9.910	Fig.22
CP-OFDM 64QAM	844	168800	10	52	0	10.070	Fig.23
CP-OFDM 256QAM	844	168800	10	52	0	9.950	Fig.24
CP-OFDM QPSK	831.5	166300	15	79	0	15.100	Fig.25
CP-OFDM 16QAM	831.5	166300	15	79	0	15.090	Fig.26
CP-OFDM 64QAM	831.5	166300	15	79	0	15.150	Fig.27
CP-OFDM 256QAM	831.5	166300	15	79	0	15.150	Fig.28
CP-OFDM QPSK	836.5	167300	15	79	0	14.920	Fig.29
CP-OFDM 16QAM	836.5	167300	15	79	0	15.010	Fig.30
CP-OFDM 64QAM	836.5	167300	15	79	0	15.080	Fig.31
CP-OFDM 256QAM	836.5	167300	15	79	0	15.100	Fig.32
CP-OFDM QPSK	841.5	168300	15	79	0	15.030	Fig.33
CP-OFDM 16QAM	841.5	168300	15	79	0	15.060	Fig.34
CP-OFDM 64QAM	841.5	168300	15	79	0	15.150	Fig.35
CP-OFDM 256QAM	841.5	168300	15	79	0	15.210	Fig.36
CP-OFDM QPSK	834	166800	20	106	0	20.030	Fig.37
CP-OFDM 16QAM	834	166800	20	106	0	19.950	Fig.38
CP-OFDM 64QAM	834	166800	20	106	0	19.960	Fig.39
CP-OFDM 256QAM	834	166800	20	106	0	20.030	Fig.40
CP-OFDM QPSK	836.5	167300	20	106	0	19.920	Fig.41
CP-OFDM 16QAM	836.5	167300	20	106	0	19.880	Fig.42
CP-OFDM 64QAM	836.5	167300	20	106	0	19.910	Fig.43

CP-OFDM 256QAM	836.5	167300	20	106	0	19.880	Fig.44
CP-OFDM QPSK	839	167800	20	106	0	20.020	Fig.45
CP-OFDM 16QAM	839	167800	20	106	0	20.010	Fig.46
CP-OFDM 64QAM	839	167800	20	106	0	19.960	Fig.47
CP-OFDM 256QAM	839	167800	20	106	0	20.060	Fig.48

Test Plot:

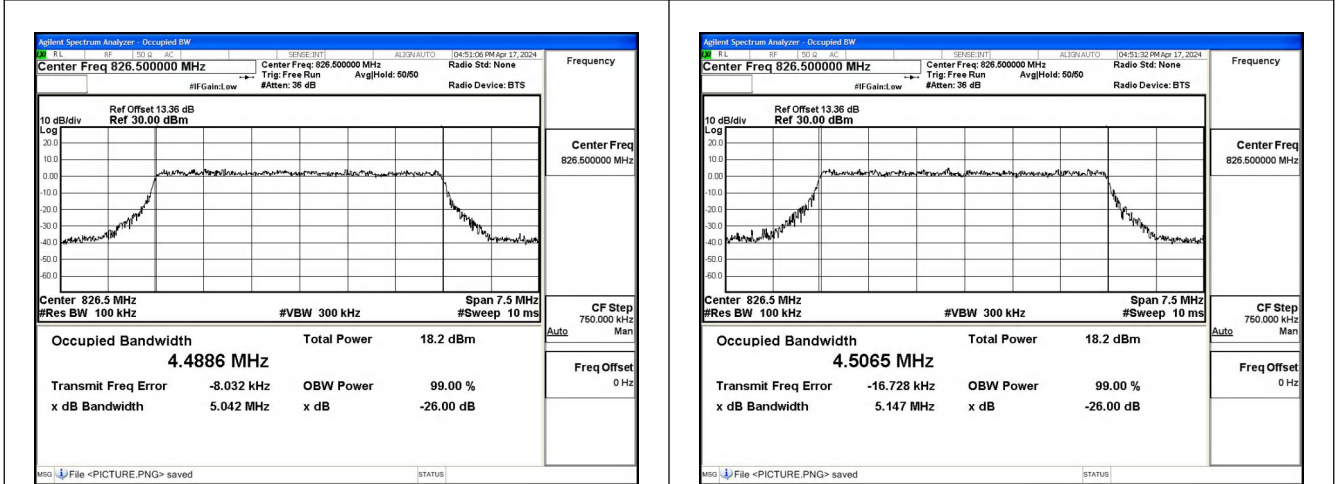


Fig.1

Fig.2

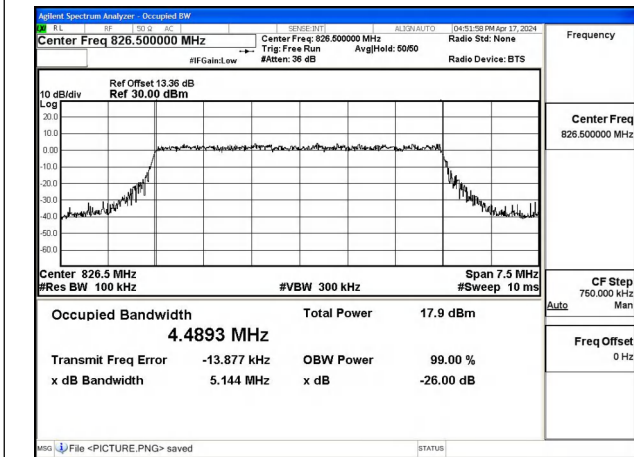


Fig.3

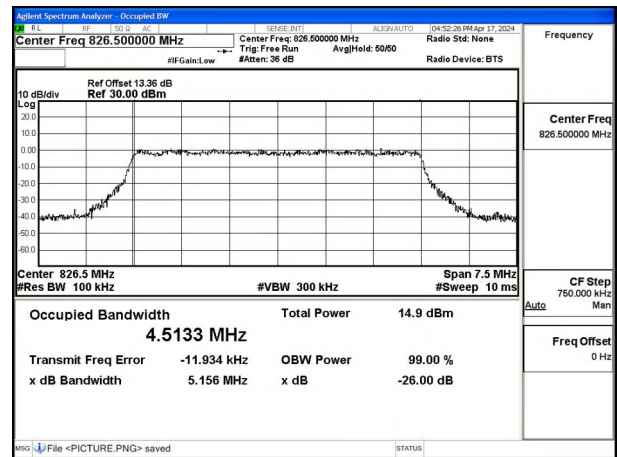


Fig.4

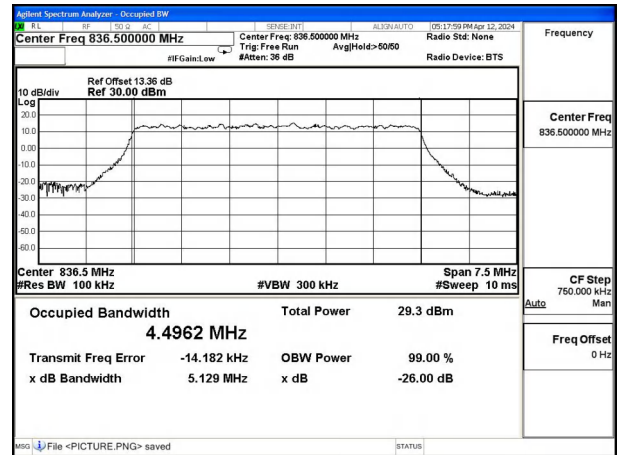
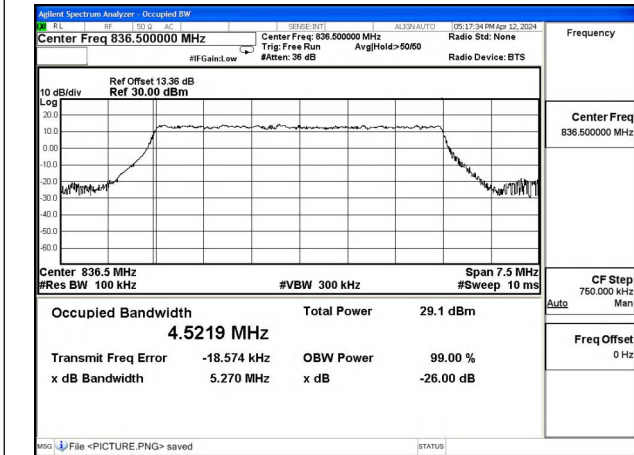


Fig.5

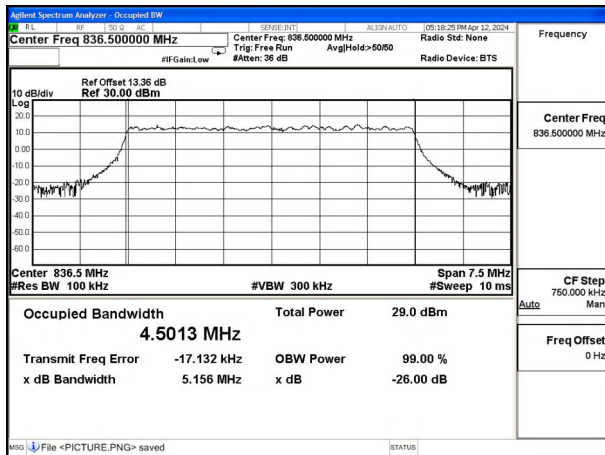


Fig.6

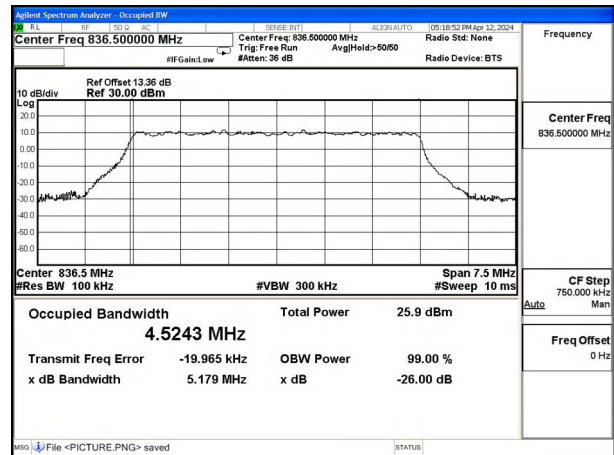


Fig.7

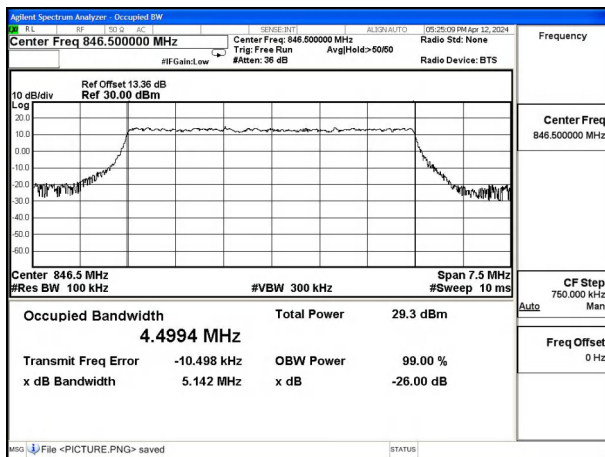


Fig.8

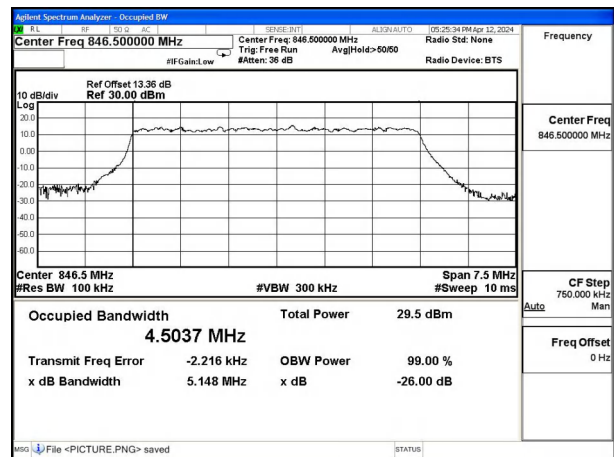


Fig.9

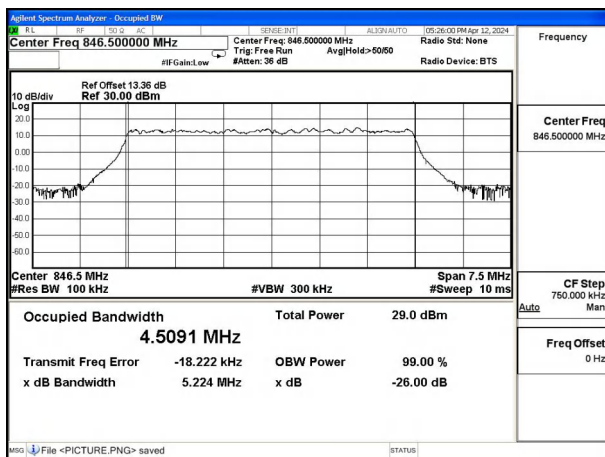


Fig.10

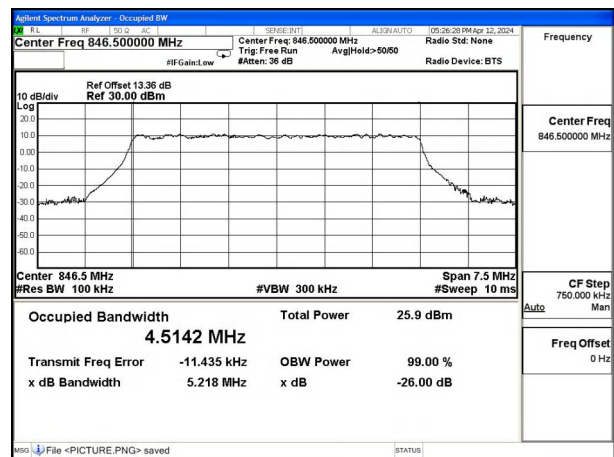


Fig.11

Fig.12

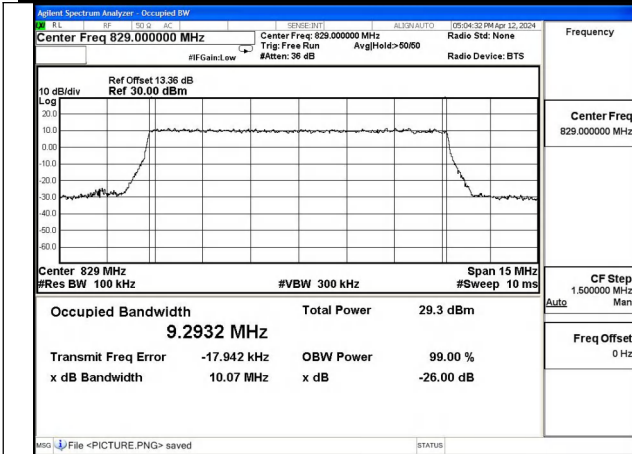


Fig.13

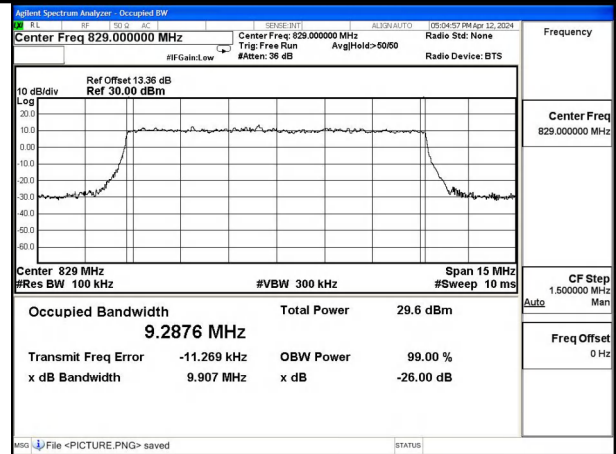


Fig.14

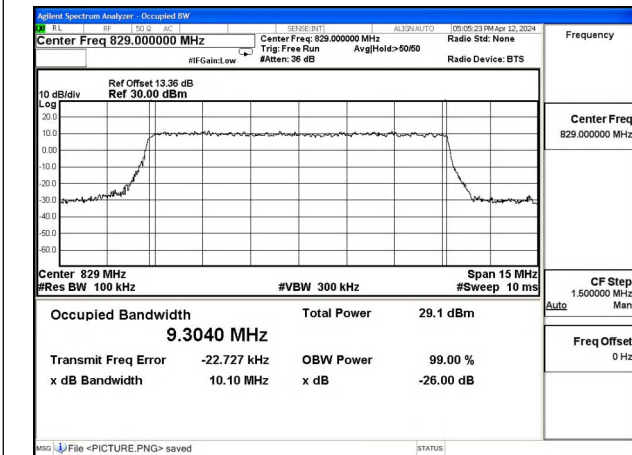


Fig.15

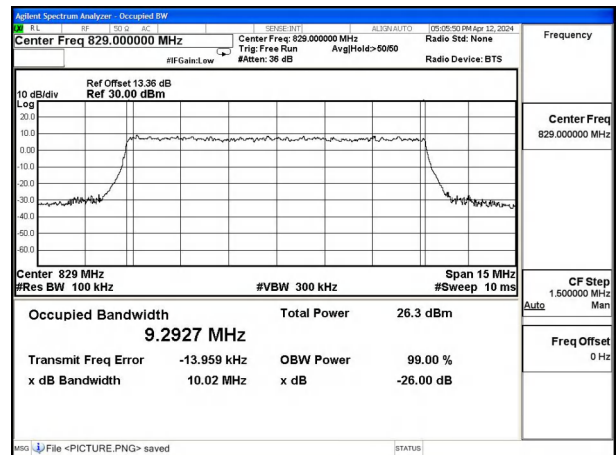


Fig.16

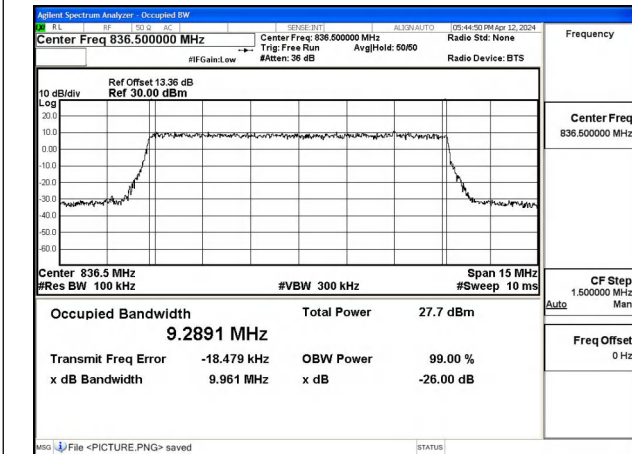


Fig.17

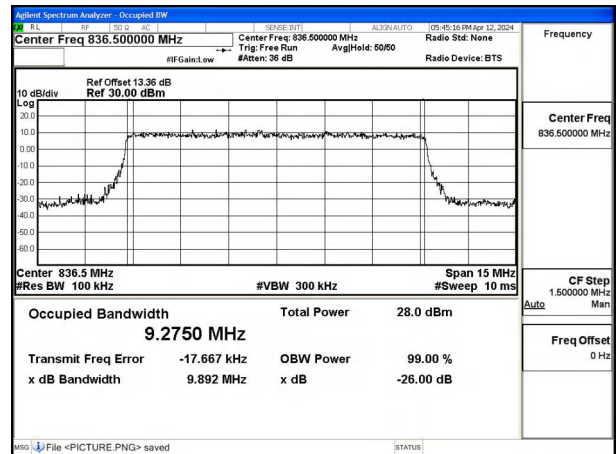


Fig.18