

**APPENDIX A – TEST DATA OF CONDUCTED EMISSION**

**66A\_N5A(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	1	0	22.61
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	24	22.71
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	12	6	22.94
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	25	0	22.89
DFT-s-OFDM QPSK	826.5	165300	5	1	0	22.81
DFT-s-OFDM QPSK	826.5	165300	5	1	24	22.81
DFT-s-OFDM QPSK	826.5	165300	5	12	6	22.96
DFT-s-OFDM QPSK	826.5	165300	5	25	0	22.98
DFT-s-OFDM 16QAM	826.5	165300	5	1	0	22.99
DFT-s-OFDM 16QAM	826.5	165300	5	1	24	23.09
DFT-s-OFDM 16QAM	826.5	165300	5	12	6	22.92
DFT-s-OFDM 16QAM	826.5	165300	5	25	0	22.93
DFT-s-OFDM 64QAM	826.5	165300	5	1	0	22.79
DFT-s-OFDM 64QAM	826.5	165300	5	1	24	22.86
DFT-s-OFDM 64QAM	826.5	165300	5	12	6	22.89
DFT-s-OFDM 64QAM	826.5	165300	5	25	0	23.01
DFT-s-OFDM 256QAM	826.5	165300	5	1	0	22.65
DFT-s-OFDM 256QAM	826.5	165300	5	1	24	22.66
DFT-s-OFDM 256QAM	826.5	165300	5	12	6	22.88
DFT-s-OFDM 256QAM	826.5	165300	5	25	0	22.99
CP-OFDM QPSK	826.5	165300	5	1	0	22.97
CP-OFDM QPSK	826.5	165300	5	1	24	22.89
CP-OFDM QPSK	826.5	165300	5	13	6	22.79
CP-OFDM QPSK	826.5	165300	5	25	0	22.98
CP-OFDM 16QAM	826.5	165300	5	1	0	23.11
CP-OFDM 16QAM	826.5	165300	5	1	24	23.11
CP-OFDM 16QAM	826.5	165300	5	13	6	22.97
CP-OFDM 16QAM	826.5	165300	5	25	0	22.95
CP-OFDM 64QAM	826.5	165300	5	1	0	22.85
CP-OFDM 64QAM	826.5	165300	5	1	24	22.84
CP-OFDM 64QAM	826.5	165300	5	13	6	22.85
CP-OFDM 64QAM	826.5	165300	5	25	0	22.96
CP-OFDM 256QAM	826.5	165300	5	1	0	21.72
CP-OFDM 256QAM	826.5	165300	5	1	24	21.76
CP-OFDM 256QAM	826.5	165300	5	13	6	21.93
CP-OFDM 256QAM	826.5	165300	5	25	0	21.94
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	0	22.86
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	24	22.75
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	12	6	22.85
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	25	0	22.88
DFT-s-OFDM QPSK	836.5	167300	5	1	0	22.86

DFT-s-OFDM QPSK	836.5	167300	5	1	24	22.79
DFT-s-OFDM QPSK	836.5	167300	5	12	6	22.82
DFT-s-OFDM QPSK	836.5	167300	5	25	0	22.90
DFT-s-OFDM 16QAM	836.5	167300	5	1	0	23.07
DFT-s-OFDM 16QAM	836.5	167300	5	1	24	22.96
DFT-s-OFDM 16QAM	836.5	167300	5	12	6	22.89
DFT-s-OFDM 16QAM	836.5	167300	5	25	0	22.84
DFT-s-OFDM 64QAM	836.5	167300	5	1	0	22.79
DFT-s-OFDM 64QAM	836.5	167300	5	1	24	22.69
DFT-s-OFDM 64QAM	836.5	167300	5	12	6	22.84
DFT-s-OFDM 64QAM	836.5	167300	5	25	0	22.89
DFT-s-OFDM 256QAM	836.5	167300	5	1	0	22.63
DFT-s-OFDM 256QAM	836.5	167300	5	1	24	22.58
DFT-s-OFDM 256QAM	836.5	167300	5	12	6	22.89
DFT-s-OFDM 256QAM	836.5	167300	5	25	0	22.85
CP-OFDM QPSK	836.5	167300	5	1	0	22.99
CP-OFDM QPSK	836.5	167300	5	1	24	22.84
CP-OFDM QPSK	836.5	167300	5	13	6	22.71
CP-OFDM QPSK	836.5	167300	5	25	0	22.86
CP-OFDM 16QAM	836.5	167300	5	1	0	23.09
CP-OFDM 16QAM	836.5	167300	5	1	24	23.05
CP-OFDM 16QAM	836.5	167300	5	13	6	22.93
CP-OFDM 16QAM	836.5	167300	5	25	0	22.83
CP-OFDM 64QAM	836.5	167300	5	1	0	22.82
CP-OFDM 64QAM	836.5	167300	5	1	24	22.70
CP-OFDM 64QAM	836.5	167300	5	13	6	22.77
CP-OFDM 64QAM	836.5	167300	5	25	0	22.89
CP-OFDM 256QAM	836.5	167300	5	1	0	21.69
CP-OFDM 256QAM	836.5	167300	5	1	24	21.67
CP-OFDM 256QAM	836.5	167300	5	13	6	21.83
CP-OFDM 256QAM	836.5	167300	5	25	0	21.84
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	0	22.55
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	24	22.57
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	12	6	22.83
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	25	0	22.76
DFT-s-OFDM QPSK	846.5	169300	5	1	0	22.73
DFT-s-OFDM QPSK	846.5	169300	5	1	24	22.78
DFT-s-OFDM QPSK	846.5	169300	5	12	6	22.79
DFT-s-OFDM QPSK	846.5	169300	5	25	0	22.81
DFT-s-OFDM 16QAM	846.5	169300	5	1	0	22.89
DFT-s-OFDM 16QAM	846.5	169300	5	1	24	22.98
DFT-s-OFDM 16QAM	846.5	169300	5	12	6	22.90
DFT-s-OFDM 16QAM	846.5	169300	5	25	0	22.84
DFT-s-OFDM 64QAM	846.5	169300	5	1	0	22.71
DFT-s-OFDM 64QAM	846.5	169300	5	1	24	22.67
DFT-s-OFDM 64QAM	846.5	169300	5	12	6	22.85

DFT-s-OFDM 64QAM	846.5	169300	5	25	0	22.84
DFT-s-OFDM 256QAM	846.5	169300	5	1	0	22.55
DFT-s-OFDM 256QAM	846.5	169300	5	1	24	22.54
DFT-s-OFDM 256QAM	846.5	169300	5	12	6	22.79
DFT-s-OFDM 256QAM	846.5	169300	5	25	0	22.74
CP-OFDM QPSK	846.5	169300	5	1	0	22.71
CP-OFDM QPSK	846.5	169300	5	1	24	22.79
CP-OFDM QPSK	846.5	169300	5	13	6	22.70
CP-OFDM QPSK	846.5	169300	5	25	0	22.74
CP-OFDM 16QAM	846.5	169300	5	1	0	22.95
CP-OFDM 16QAM	846.5	169300	5	1	24	23.02
CP-OFDM 16QAM	846.5	169300	5	13	6	22.79
CP-OFDM 16QAM	846.5	169300	5	25	0	22.81
CP-OFDM 64QAM	846.5	169300	5	1	0	22.62
CP-OFDM 64QAM	846.5	169300	5	1	24	22.75
CP-OFDM 64QAM	846.5	169300	5	13	6	22.73
CP-OFDM 64QAM	846.5	169300	5	25	0	22.83
CP-OFDM 256QAM	846.5	169300	5	1	0	21.60
CP-OFDM 256QAM	846.5	169300	5	1	24	21.59
CP-OFDM 256QAM	846.5	169300	5	13	6	21.87
CP-OFDM 256QAM	846.5	169300	5	25	0	21.82

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	0	22.93
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	51	23.02
DFT-s-OFDM PI/2 BPSK	829	165800	10	25	12	22.96
DFT-s-OFDM PI/2 BPSK	829	165800	10	50	0	22.92
DFT-s-OFDM QPSK	829	165800	10	1	0	22.86
DFT-s-OFDM QPSK	829	165800	10	1	51	22.80
DFT-s-OFDM QPSK	829	165800	10	25	12	22.95
DFT-s-OFDM QPSK	829	165800	10	50	0	22.96
DFT-s-OFDM 16QAM	829	165800	10	1	0	22.98
DFT-s-OFDM 16QAM	829	165800	10	1	51	23.01
DFT-s-OFDM 16QAM	829	165800	10	25	12	22.94
DFT-s-OFDM 16QAM	829	165800	10	50	0	22.91
DFT-s-OFDM 64QAM	829	165800	10	1	0	22.75
DFT-s-OFDM 64QAM	829	165800	10	1	51	22.70
DFT-s-OFDM 64QAM	829	165800	10	25	12	22.99
DFT-s-OFDM 64QAM	829	165800	10	50	0	22.94
DFT-s-OFDM 256QAM	829	165800	10	1	0	22.61
DFT-s-OFDM 256QAM	829	165800	10	1	51	22.56
DFT-s-OFDM 256QAM	829	165800	10	25	12	22.94
DFT-s-OFDM 256QAM	829	165800	10	50	0	22.87
CP-OFDM QPSK	829	165800	10	1	0	22.84
CP-OFDM QPSK	829	165800	10	1	51	22.77

CP-OFDM QPSK	829	165800	10	26	13	22.98
CP-OFDM QPSK	829	165800	10	52	0	22.94
CP-OFDM 16QAM	829	165800	10	1	0	23.03
CP-OFDM 16QAM	829	165800	10	1	51	23.03
CP-OFDM 16QAM	829	165800	10	26	13	23.00
CP-OFDM 16QAM	829	165800	10	52	0	22.94
CP-OFDM 64QAM	829	165800	10	1	0	22.78
CP-OFDM 64QAM	829	165800	10	1	51	22.74
CP-OFDM 64QAM	829	165800	10	26	13	22.97
CP-OFDM 64QAM	829	165800	10	52	0	22.96
CP-OFDM 256QAM	829	165800	10	1	0	21.69
CP-OFDM 256QAM	829	165800	10	1	51	21.62
CP-OFDM 256QAM	829	165800	10	26	13	21.91
CP-OFDM 256QAM	829	165800	10	52	0	21.86
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	0	22.92
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	51	22.54
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	25	12	22.86
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	50	0	22.84
DFT-s-OFDM QPSK	836.5	167300	10	1	0	22.82
DFT-s-OFDM QPSK	836.5	167300	10	1	51	22.71
DFT-s-OFDM QPSK	836.5	167300	10	25	12	22.91
DFT-s-OFDM QPSK	836.5	167300	10	50	0	22.83
DFT-s-OFDM 16QAM	836.5	167300	10	1	0	23.01
DFT-s-OFDM 16QAM	836.5	167300	10	1	51	22.91
DFT-s-OFDM 16QAM	836.5	167300	10	25	12	22.87
DFT-s-OFDM 16QAM	836.5	167300	10	50	0	22.85
DFT-s-OFDM 64QAM	836.5	167300	10	1	0	22.74
DFT-s-OFDM 64QAM	836.5	167300	10	1	51	22.67
DFT-s-OFDM 64QAM	836.5	167300	10	25	12	22.92
DFT-s-OFDM 64QAM	836.5	167300	10	50	0	22.92
DFT-s-OFDM 256QAM	836.5	167300	10	1	0	22.60
DFT-s-OFDM 256QAM	836.5	167300	10	1	51	22.52
DFT-s-OFDM 256QAM	836.5	167300	10	25	12	22.85
DFT-s-OFDM 256QAM	836.5	167300	10	50	0	22.87
CP-OFDM QPSK	836.5	167300	10	1	0	22.82
CP-OFDM QPSK	836.5	167300	10	1	51	22.89
CP-OFDM QPSK	836.5	167300	10	26	13	22.91
CP-OFDM QPSK	836.5	167300	10	52	0	22.89
CP-OFDM 16QAM	836.5	167300	10	1	0	23.06
CP-OFDM 16QAM	836.5	167300	10	1	51	22.87
CP-OFDM 16QAM	836.5	167300	10	26	13	22.96
CP-OFDM 16QAM	836.5	167300	10	52	0	22.86
CP-OFDM 64QAM	836.5	167300	10	1	0	22.84
CP-OFDM 64QAM	836.5	167300	10	1	51	22.62
CP-OFDM 64QAM	836.5	167300	10	26	13	22.95
CP-OFDM 64QAM	836.5	167300	10	52	0	22.88

CP-OFDM 256QAM	836.5	167300	10	1	0	21.69
CP-OFDM 256QAM	836.5	167300	10	1	51	21.57
CP-OFDM 256QAM	836.5	167300	10	26	13	21.87
CP-OFDM 256QAM	836.5	167300	10	52	0	21.89
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	0	22.72
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	51	22.38
DFT-s-OFDM PI/2 BPSK	844	168800	10	25	12	22.70
DFT-s-OFDM PI/2 BPSK	844	168800	10	50	0	22.68
DFT-s-OFDM QPSK	844	168800	10	1	0	22.74
DFT-s-OFDM QPSK	844	168800	10	1	51	22.69
DFT-s-OFDM QPSK	844	168800	10	25	12	22.70
DFT-s-OFDM QPSK	844	168800	10	50	0	22.78
DFT-s-OFDM 16QAM	844	168800	10	1	0	22.85
DFT-s-OFDM 16QAM	844	168800	10	1	51	22.91
DFT-s-OFDM 16QAM	844	168800	10	25	12	22.78
DFT-s-OFDM 16QAM	844	168800	10	50	0	22.70
DFT-s-OFDM 64QAM	844	168800	10	1	0	22.67
DFT-s-OFDM 64QAM	844	168800	10	1	51	22.63
DFT-s-OFDM 64QAM	844	168800	10	25	12	22.77
DFT-s-OFDM 64QAM	844	168800	10	50	0	22.77
DFT-s-OFDM 256QAM	844	168800	10	1	0	22.51
DFT-s-OFDM 256QAM	844	168800	10	1	51	22.51
DFT-s-OFDM 256QAM	844	168800	10	25	12	22.72
DFT-s-OFDM 256QAM	844	168800	10	50	0	22.72
CP-OFDM QPSK	844	168800	10	1	0	22.70
CP-OFDM QPSK	844	168800	10	1	51	22.82
CP-OFDM QPSK	844	168800	10	26	13	22.78
CP-OFDM QPSK	844	168800	10	52	0	22.70
CP-OFDM 16QAM	844	168800	10	1	0	22.89
CP-OFDM 16QAM	844	168800	10	1	51	22.93
CP-OFDM 16QAM	844	168800	10	26	13	22.82
CP-OFDM 16QAM	844	168800	10	52	0	22.70
CP-OFDM 64QAM	844	168800	10	1	0	22.63
CP-OFDM 64QAM	844	168800	10	1	51	22.72
CP-OFDM 64QAM	844	168800	10	26	13	22.76
CP-OFDM 64QAM	844	168800	10	52	0	22.78
CP-OFDM 256QAM	844	168800	10	1	0	21.58
CP-OFDM 256QAM	844	168800	10	1	51	21.57
CP-OFDM 256QAM	844	168800	10	26	13	21.73
CP-OFDM 256QAM	844	168800	10	52	0	21.76

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	1	0	23.05
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	78	22.73
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	36	18	23.07

DFT-s-OFDM PI/2 BPSK	831.5	166300	15	75	0	23.04
DFT-s-OFDM QPSK	831.5	166300	15	1	0	22.92
DFT-s-OFDM QPSK	831.5	166300	15	1	78	22.88
DFT-s-OFDM QPSK	831.5	166300	15	36	18	23.08
DFT-s-OFDM QPSK	831.5	166300	15	75	0	23.12
DFT-s-OFDM 16QAM	831.5	166300	15	1	0	23.17
DFT-s-OFDM 16QAM	831.5	166300	15	1	78	23.08
DFT-s-OFDM 16QAM	831.5	166300	15	36	18	23.08
DFT-s-OFDM 16QAM	831.5	166300	15	75	0	23.09
DFT-s-OFDM 64QAM	831.5	166300	15	1	0	22.95
DFT-s-OFDM 64QAM	831.5	166300	15	1	78	22.74
DFT-s-OFDM 64QAM	831.5	166300	15	36	18	23.04
DFT-s-OFDM 64QAM	831.5	166300	15	75	0	23.07
DFT-s-OFDM 256QAM	831.5	166300	15	1	0	22.83
DFT-s-OFDM 256QAM	831.5	166300	15	1	78	22.73
DFT-s-OFDM 256QAM	831.5	166300	15	36	18	23.06
DFT-s-OFDM 256QAM	831.5	166300	15	75	0	23.06
CP-OFDM QPSK	831.5	166300	15	1	0	22.98
CP-OFDM QPSK	831.5	166300	15	1	78	22.85
CP-OFDM QPSK	831.5	166300	15	39	19	23.05
CP-OFDM QPSK	831.5	166300	15	79	0	23.06
CP-OFDM 16QAM	831.5	166300	15	1	0	23.24
CP-OFDM 16QAM	831.5	166300	15	1	78	23.15
CP-OFDM 16QAM	831.5	166300	15	39	19	23.10
CP-OFDM 16QAM	831.5	166300	15	79	0	23.03
CP-OFDM 64QAM	831.5	166300	15	1	0	22.93
CP-OFDM 64QAM	831.5	166300	15	1	78	22.84
CP-OFDM 64QAM	831.5	166300	15	39	19	23.03
CP-OFDM 64QAM	831.5	166300	15	79	0	23.02
CP-OFDM 256QAM	831.5	166300	15	1	0	21.85
CP-OFDM 256QAM	831.5	166300	15	1	78	21.80
CP-OFDM 256QAM	831.5	166300	15	39	19	22.05
CP-OFDM 256QAM	831.5	166300	15	79	0	22.04
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	0	22.99
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	78	22.63
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	36	18	22.95
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	75	0	22.96
DFT-s-OFDM QPSK	836.5	167300	15	1	0	23.01
DFT-s-OFDM QPSK	836.5	167300	15	1	78	22.82
DFT-s-OFDM QPSK	836.5	167300	15	36	18	23.01
DFT-s-OFDM QPSK	836.5	167300	15	75	0	23.03
DFT-s-OFDM 16QAM	836.5	167300	15	1	0	23.24
DFT-s-OFDM 16QAM	836.5	167300	15	1	78	23.02
DFT-s-OFDM 16QAM	836.5	167300	15	36	18	23.03
DFT-s-OFDM 16QAM	836.5	167300	15	75	0	22.98
DFT-s-OFDM 64QAM	836.5	167300	15	1	0	22.92

DFT-s-OFDM 64QAM	836.5	167300	15	1	78	22.82
DFT-s-OFDM 64QAM	836.5	167300	15	36	18	22.97
DFT-s-OFDM 64QAM	836.5	167300	15	75	0	22.98
DFT-s-OFDM 256QAM	836.5	167300	15	1	0	22.85
DFT-s-OFDM 256QAM	836.5	167300	15	1	78	22.67
DFT-s-OFDM 256QAM	836.5	167300	15	36	18	22.98
DFT-s-OFDM 256QAM	836.5	167300	15	75	0	22.98
CP-OFDM QPSK	836.5	167300	15	1	0	23.00
CP-OFDM QPSK	836.5	167300	15	1	78	23.00
CP-OFDM QPSK	836.5	167300	15	39	19	22.97
CP-OFDM QPSK	836.5	167300	15	79	0	23.02
CP-OFDM 16QAM	836.5	167300	15	1	0	23.21
CP-OFDM 16QAM	836.5	167300	15	1	78	23.13
CP-OFDM 16QAM	836.5	167300	15	39	19	23.02
CP-OFDM 16QAM	836.5	167300	15	79	0	22.97
CP-OFDM 64QAM	836.5	167300	15	1	0	22.98
CP-OFDM 64QAM	836.5	167300	15	1	78	22.93
CP-OFDM 64QAM	836.5	167300	15	39	19	22.96
CP-OFDM 64QAM	836.5	167300	15	79	0	23.04
CP-OFDM 256QAM	836.5	167300	15	1	0	21.89
CP-OFDM 256QAM	836.5	167300	15	1	78	21.80
CP-OFDM 256QAM	836.5	167300	15	39	19	21.95
CP-OFDM 256QAM	836.5	167300	15	79	0	21.98
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	0	22.97
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	78	22.65
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	36	18	22.95
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	75	0	22.92
DFT-s-OFDM QPSK	841.5	168300	15	1	0	22.98
DFT-s-OFDM QPSK	841.5	168300	15	1	78	22.80
DFT-s-OFDM QPSK	841.5	168300	15	36	18	22.97
DFT-s-OFDM QPSK	841.5	168300	15	75	0	23.04
DFT-s-OFDM 16QAM	841.5	168300	15	1	0	23.05
DFT-s-OFDM 16QAM	841.5	168300	15	1	78	22.98
DFT-s-OFDM 16QAM	841.5	168300	15	36	18	22.92
DFT-s-OFDM 16QAM	841.5	168300	15	75	0	22.96
DFT-s-OFDM 64QAM	841.5	168300	15	1	0	22.86
DFT-s-OFDM 64QAM	841.5	168300	15	1	78	22.75
DFT-s-OFDM 64QAM	841.5	168300	15	36	18	22.91
DFT-s-OFDM 64QAM	841.5	168300	15	75	0	23.01
DFT-s-OFDM 256QAM	841.5	168300	15	1	0	22.71
DFT-s-OFDM 256QAM	841.5	168300	15	1	78	22.63
DFT-s-OFDM 256QAM	841.5	168300	15	36	18	22.92
DFT-s-OFDM 256QAM	841.5	168300	15	75	0	22.96
CP-OFDM QPSK	841.5	168300	15	1	0	22.94
CP-OFDM QPSK	841.5	168300	15	1	78	22.78
CP-OFDM QPSK	841.5	168300	15	39	19	22.93

CP-OFDM QPSK	841.5	168300	15	79	0	22.97
CP-OFDM 16QAM	841.5	168300	15	1	0	23.21
CP-OFDM 16QAM	841.5	168300	15	1	78	23.03
CP-OFDM 16QAM	841.5	168300	15	39	19	22.95
CP-OFDM 16QAM	841.5	168300	15	79	0	22.90
CP-OFDM 64QAM	841.5	168300	15	1	0	22.89
CP-OFDM 64QAM	841.5	168300	15	1	78	22.80
CP-OFDM 64QAM	841.5	168300	15	39	19	23.01
CP-OFDM 64QAM	841.5	168300	15	79	0	22.90
CP-OFDM 256QAM	841.5	168300	15	1	0	21.79
CP-OFDM 256QAM	841.5	168300	15	1	78	21.71
CP-OFDM 256QAM	841.5	168300	15	39	19	21.94
CP-OFDM 256QAM	841.5	168300	15	79	0	21.90

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	23.00
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	105	22.64
DFT-s-OFDM PI/2 BPSK	834	166800	20	50	25	23.00
DFT-s-OFDM PI/2 BPSK	834	166800	20	100	0	22.97
DFT-s-OFDM QPSK	834	166800	20	1	0	22.91
DFT-s-OFDM QPSK	834	166800	20	1	105	22.82
DFT-s-OFDM QPSK	834	166800	20	50	25	22.98
DFT-s-OFDM QPSK	834	166800	20	100	0	22.99
DFT-s-OFDM 16QAM	834	166800	20	1	0	23.12
DFT-s-OFDM 16QAM	834	166800	20	1	105	23.00
DFT-s-OFDM 16QAM	834	166800	20	50	25	22.92
DFT-s-OFDM 16QAM	834	166800	20	100	0	22.97
DFT-s-OFDM 64QAM	834	166800	20	1	0	22.91
DFT-s-OFDM 64QAM	834	166800	20	1	105	22.68
DFT-s-OFDM 64QAM	834	166800	20	50	25	23.02
DFT-s-OFDM 64QAM	834	166800	20	100	0	23.03
DFT-s-OFDM 256QAM	834	166800	20	1	0	22.83
DFT-s-OFDM 256QAM	834	166800	20	1	105	22.62
DFT-s-OFDM 256QAM	834	166800	20	50	25	22.99
DFT-s-OFDM 256QAM	834	166800	20	100	0	23.00
CP-OFDM QPSK	834	166800	20	1	0	22.91
CP-OFDM QPSK	834	166800	20	1	105	22.81
CP-OFDM QPSK	834	166800	20	53	26	23.01
CP-OFDM QPSK	834	166800	20	106	0	23.01
CP-OFDM 16QAM	834	166800	20	1	0	23.19
CP-OFDM 16QAM	834	166800	20	1	105	23.04
CP-OFDM 16QAM	834	166800	20	53	26	23.02
CP-OFDM 16QAM	834	166800	20	106	0	23.01
CP-OFDM 64QAM	834	166800	20	1	0	23.01
CP-OFDM 64QAM	834	166800	20	1	105	22.81



CP-OFDM 64QAM	834	166800	20	53	26	22.99
CP-OFDM 64QAM	834	166800	20	106	0	22.99
CP-OFDM 256QAM	834	166800	20	1	0	21.81
CP-OFDM 256QAM	834	166800	20	1	105	21.73
CP-OFDM 256QAM	834	166800	20	53	26	21.97
CP-OFDM 256QAM	834	166800	20	106	0	21.99
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	0	23.02
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	105	22.67
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	50	25	22.98
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	100	0	23.00
DFT-s-OFDM QPSK	836.5	167300	20	1	0	22.90
DFT-s-OFDM QPSK	836.5	167300	20	1	105	22.82
DFT-s-OFDM QPSK	836.5	167300	20	50	25	23.01
DFT-s-OFDM QPSK	836.5	167300	20	100	0	23.01
DFT-s-OFDM 16QAM	836.5	167300	20	1	0	23.24
DFT-s-OFDM 16QAM	836.5	167300	20	1	105	23.07
DFT-s-OFDM 16QAM	836.5	167300	20	50	25	23.00
DFT-s-OFDM 16QAM	836.5	167300	20	100	0	23.03
DFT-s-OFDM 64QAM	836.5	167300	20	1	0	22.90
DFT-s-OFDM 64QAM	836.5	167300	20	1	105	22.78
DFT-s-OFDM 64QAM	836.5	167300	20	50	25	23.01
DFT-s-OFDM 64QAM	836.5	167300	20	100	0	23.04
DFT-s-OFDM 256QAM	836.5	167300	20	1	0	22.81
DFT-s-OFDM 256QAM	836.5	167300	20	1	105	22.68
DFT-s-OFDM 256QAM	836.5	167300	20	50	25	22.97
DFT-s-OFDM 256QAM	836.5	167300	20	100	0	23.02
CP-OFDM QPSK	836.5	167300	20	1	0	23.00
CP-OFDM QPSK	836.5	167300	20	1	105	22.88
CP-OFDM QPSK	836.5	167300	20	53	26	23.03
CP-OFDM QPSK	836.5	167300	20	106	0	23.01
CP-OFDM 16QAM	836.5	167300	20	1	0	23.24
CP-OFDM 16QAM	836.5	167300	20	1	105	23.13
CP-OFDM 16QAM	836.5	167300	20	53	26	22.95
CP-OFDM 16QAM	836.5	167300	20	106	0	23.04
CP-OFDM 64QAM	836.5	167300	20	1	0	22.99
CP-OFDM 64QAM	836.5	167300	20	1	105	22.88
CP-OFDM 64QAM	836.5	167300	20	53	26	23.03
CP-OFDM 64QAM	836.5	167300	20	106	0	23.01
CP-OFDM 256QAM	836.5	167300	20	1	0	21.85
CP-OFDM 256QAM	836.5	167300	20	1	105	21.80
CP-OFDM 256QAM	836.5	167300	20	53	26	22.00
CP-OFDM 256QAM	836.5	167300	20	106	0	21.98
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	22.95
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	105	22.63
DFT-s-OFDM PI/2 BPSK	839	167800	20	50	25	22.99
DFT-s-OFDM PI/2 BPSK	839	167800	20	100	0	22.93

DFT-s-OFDM QPSK	839	167800	20	1	0	22.97
DFT-s-OFDM QPSK	839	167800	20	1	105	22.79
DFT-s-OFDM QPSK	839	167800	20	50	25	22.97
DFT-s-OFDM QPSK	839	167800	20	100	0	23.01
DFT-s-OFDM 16QAM	839	167800	20	1	0	23.20
DFT-s-OFDM 16QAM	839	167800	20	1	105	22.97
DFT-s-OFDM 16QAM	839	167800	20	50	25	23.00
DFT-s-OFDM 16QAM	839	167800	20	100	0	22.93
DFT-s-OFDM 64QAM	839	167800	20	1	0	22.95
DFT-s-OFDM 64QAM	839	167800	20	1	105	22.71
DFT-s-OFDM 64QAM	839	167800	20	50	25	23.00
DFT-s-OFDM 64QAM	839	167800	20	100	0	23.02
DFT-s-OFDM 256QAM	839	167800	20	1	0	22.86
DFT-s-OFDM 256QAM	839	167800	20	1	105	22.65
DFT-s-OFDM 256QAM	839	167800	20	50	25	22.99
DFT-s-OFDM 256QAM	839	167800	20	100	0	22.95
CP-OFDM QPSK	839	167800	20	1	0	23.04
CP-OFDM QPSK	839	167800	20	1	105	22.79
CP-OFDM QPSK	839	167800	20	53	26	22.95
CP-OFDM QPSK	839	167800	20	106	0	23.01
CP-OFDM 16QAM	839	167800	20	1	0	23.29
CP-OFDM 16QAM	839	167800	20	1	105	23.07
CP-OFDM 16QAM	839	167800	20	53	26	23.00
CP-OFDM 16QAM	839	167800	20	106	0	23.09
CP-OFDM 64QAM	839	167800	20	1	0	23.01
CP-OFDM 64QAM	839	167800	20	1	105	22.84
CP-OFDM 64QAM	839	167800	20	53	26	23.01
CP-OFDM 64QAM	839	167800	20	106	0	22.99
CP-OFDM 256QAM	839	167800	20	1	0	21.87
CP-OFDM 256QAM	839	167800	20	1	105	21.77
CP-OFDM 256QAM	839	167800	20	53	26	21.99
CP-OFDM 256QAM	839	167800	20	106	0	22.03

## 2 Occupied Bandwidth

Modulation	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	167300	5	25	0	4.490	Fig.1
CP-OFDM 16QAM	167300	5	25	0	4.490	Fig.2
CP-OFDM 64QAM	167300	5	25	0	4.500	Fig.3
CP-OFDM 256QAM	167300	5	25	0	4.510	Fig.4
CP-OFDM QPSK	167300	10	52	0	9.280	Fig.5
CP-OFDM 16QAM	167300	10	52	0	9.280	Fig.6
CP-OFDM 64QAM	167300	10	52	0	9.280	Fig.7
CP-OFDM 256QAM	167300	10	52	0	9.290	Fig.8
CP-OFDM QPSK	167300	15	79	0	14.090	Fig.9
CP-OFDM 16QAM	167300	15	79	0	14.080	Fig.10
CP-OFDM 64QAM	167300	15	79	0	14.100	Fig.11
CP-OFDM 256QAM	167300	15	79	0	14.080	Fig.12
CP-OFDM QPSK	167300	20	106	0	18.890	Fig.13
CP-OFDM 16QAM	167300	20	106	0	18.910	Fig.14
CP-OFDM 64QAM	167300	20	106	0	18.910	Fig.15
CP-OFDM 256QAM	167300	20	106	0	18.910	Fig.16

### Test Plot:

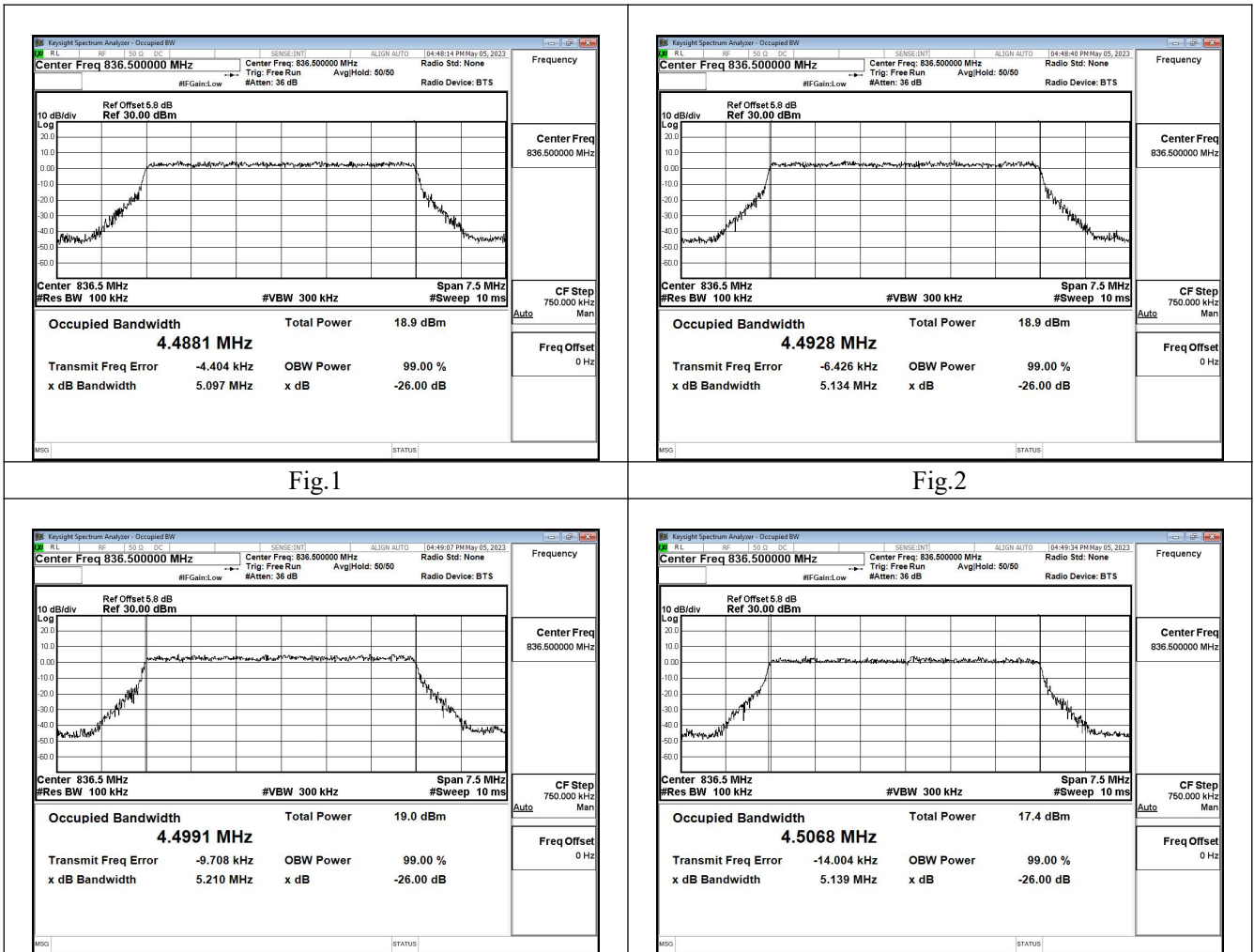


Fig.3

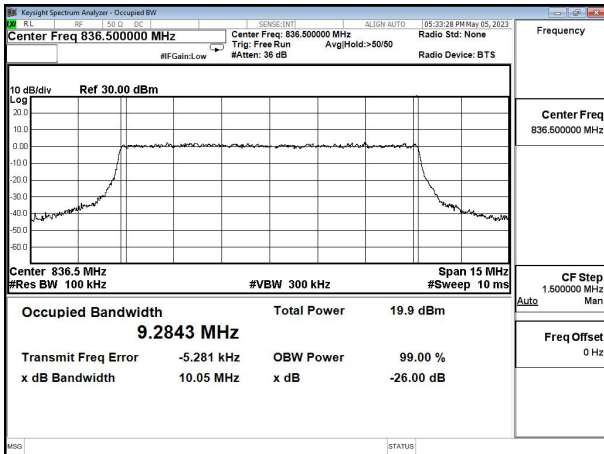


Fig.4

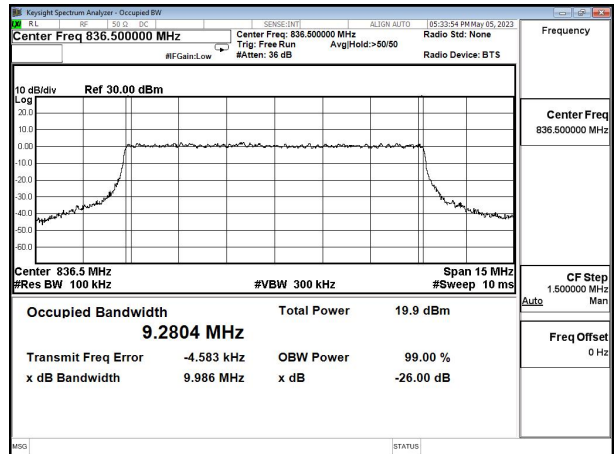


Fig.5

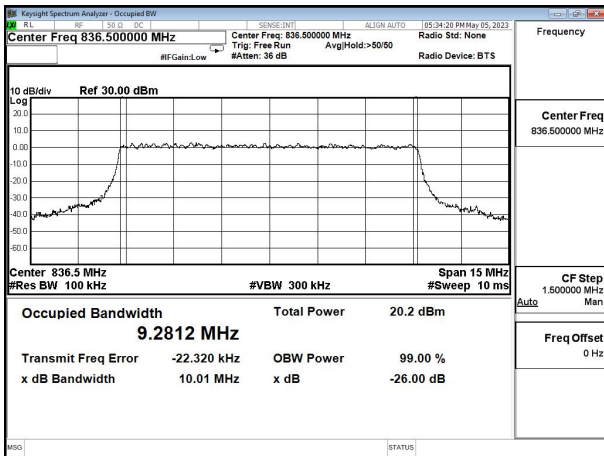


Fig.6

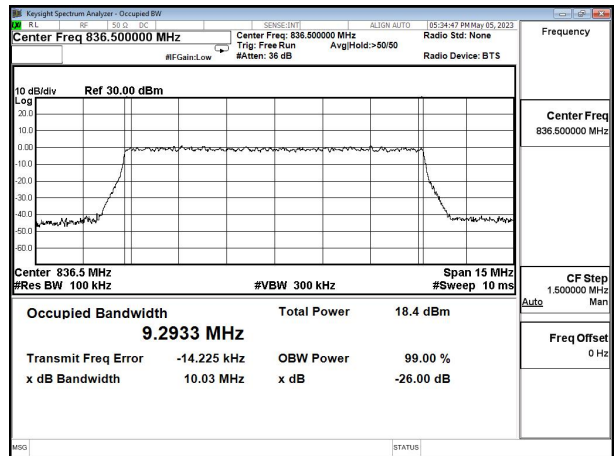


Fig.7

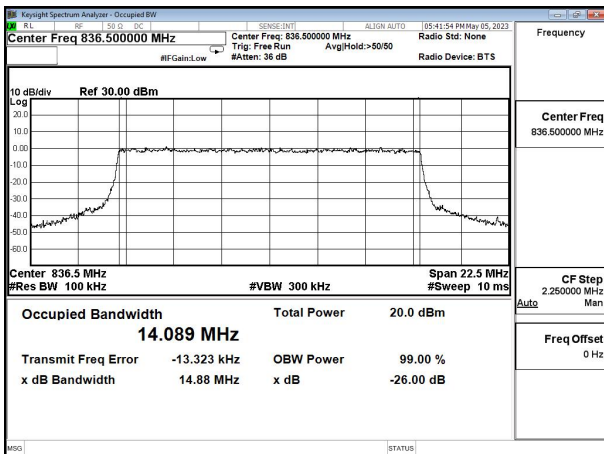


Fig.8

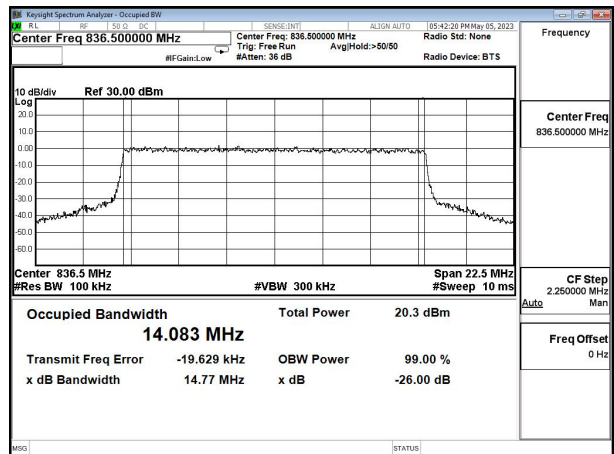


Fig.9

Fig.10

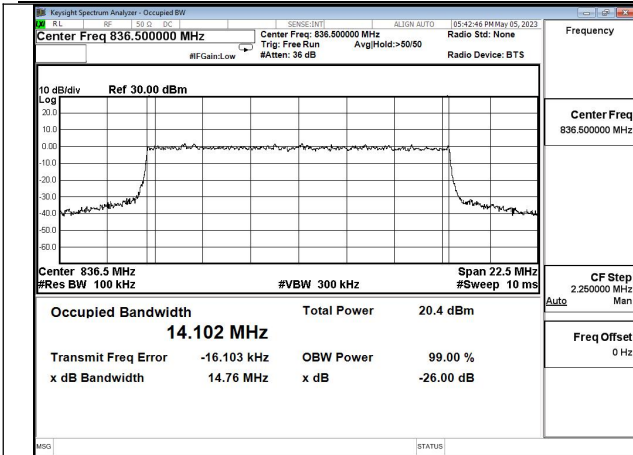


Fig.11

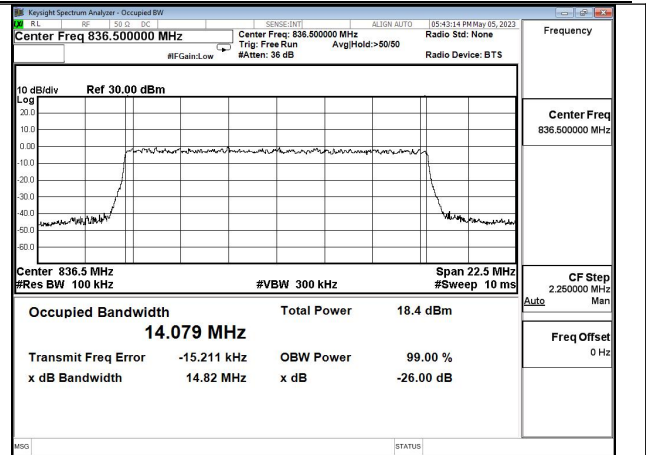


Fig.12

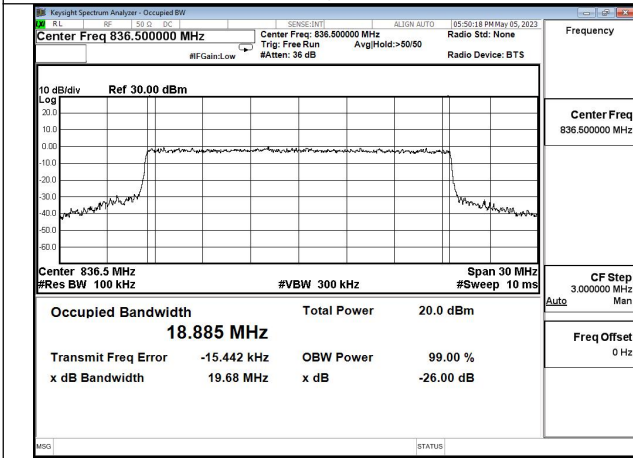


Fig.13

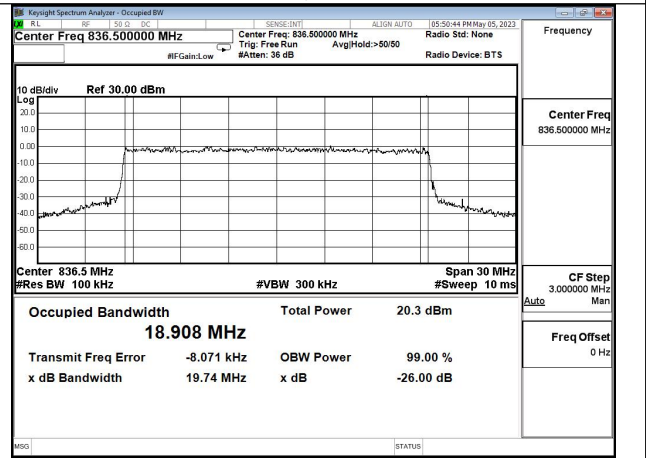


Fig.14

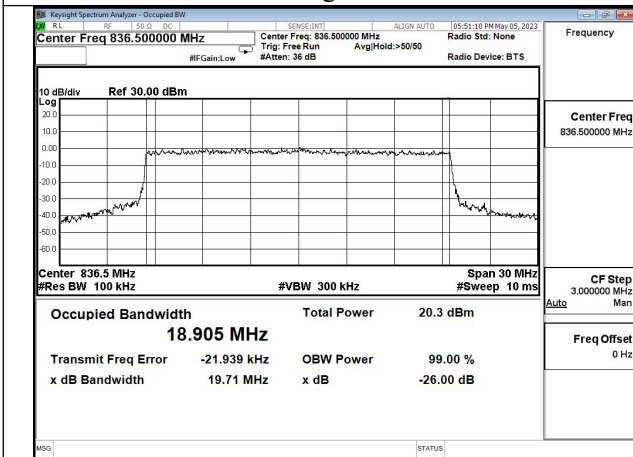


Fig.15

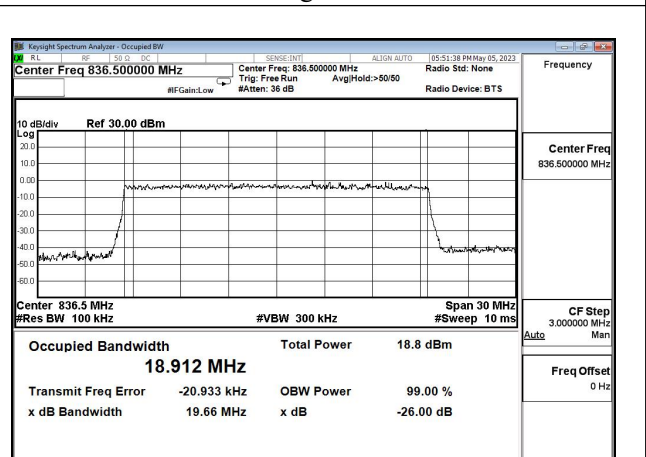


Fig.16

### 3 Emission Bandwidth

Modulation	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	167300	5	25	0	5.100	Fig.1
CP-OFDM 16QAM	167300	5	25	0	5.130	Fig.2
CP-OFDM 64QAM	167300	5	25	0	5.210	Fig.3
CP-OFDM 256QAM	167300	5	25	0	5.140	Fig.4
CP-OFDM QPSK	167300	10	52	0	10.050	Fig.5
CP-OFDM 16QAM	167300	10	52	0	9.990	Fig.6
CP-OFDM 64QAM	167300	10	52	0	10.010	Fig.7
CP-OFDM 256QAM	167300	10	52	0	10.030	Fig.8
CP-OFDM QPSK	167300	15	79	0	14.880	Fig.9
CP-OFDM 16QAM	167300	15	79	0	14.770	Fig.10
CP-OFDM 64QAM	167300	15	79	0	14.760	Fig.11
CP-OFDM 256QAM	167300	15	79	0	14.820	Fig.12
CP-OFDM QPSK	167300	20	106	0	19.690	Fig.13
CP-OFDM 16QAM	167300	20	106	0	19.740	Fig.14
CP-OFDM 64QAM	167300	20	106	0	19.710	Fig.15
CP-OFDM 256QAM	167300	20	106	0	19.640	Fig.16

#### Test Plot:

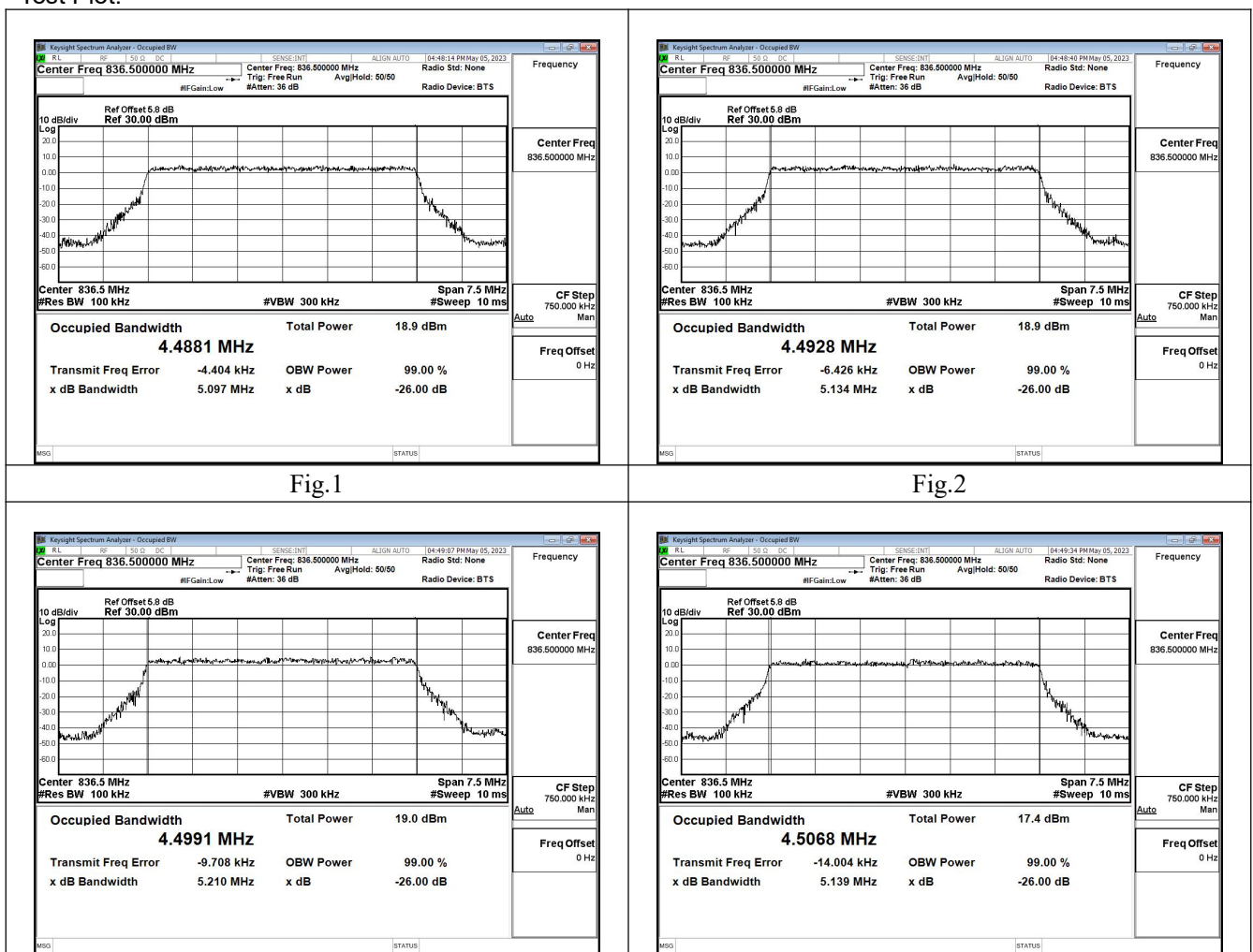


Fig.3

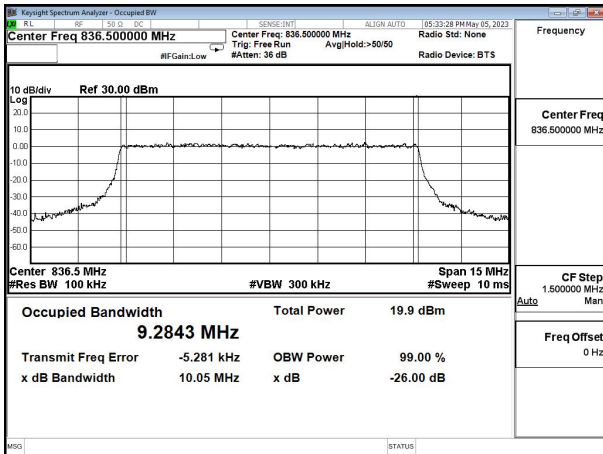


Fig.4

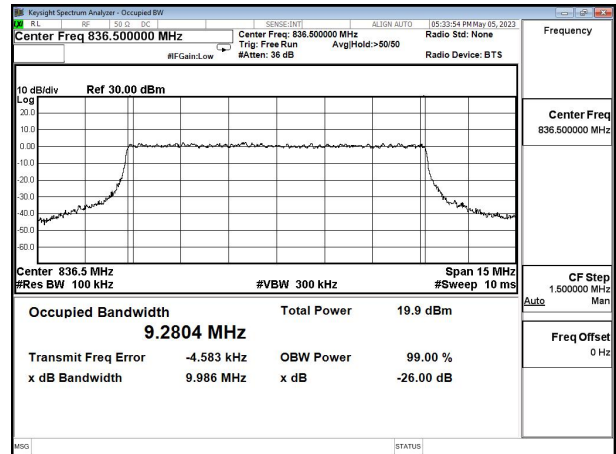


Fig.5

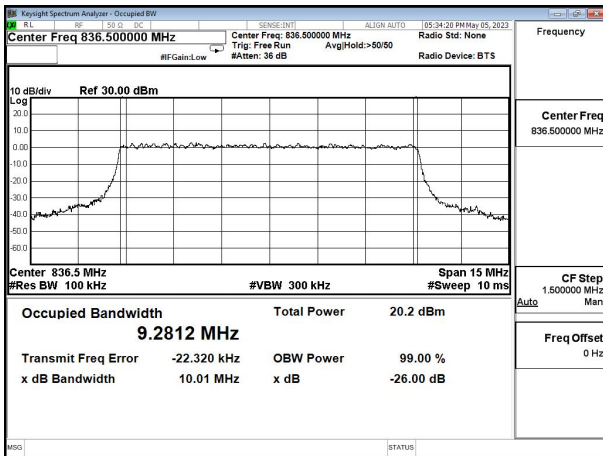


Fig.6

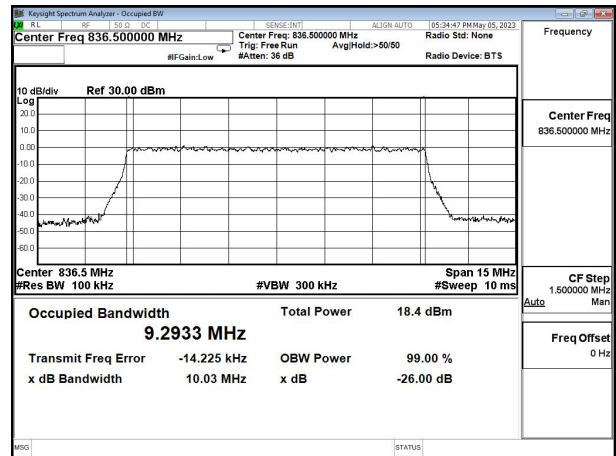


Fig.7

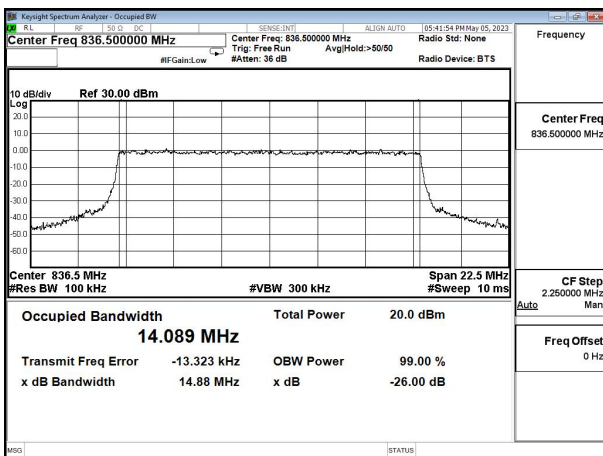


Fig.8

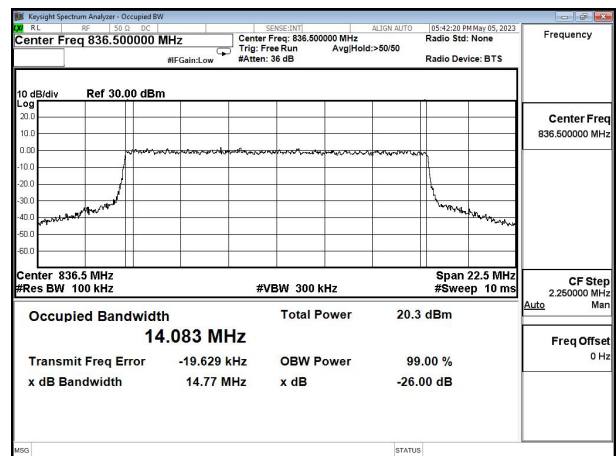


Fig.9

Fig.10

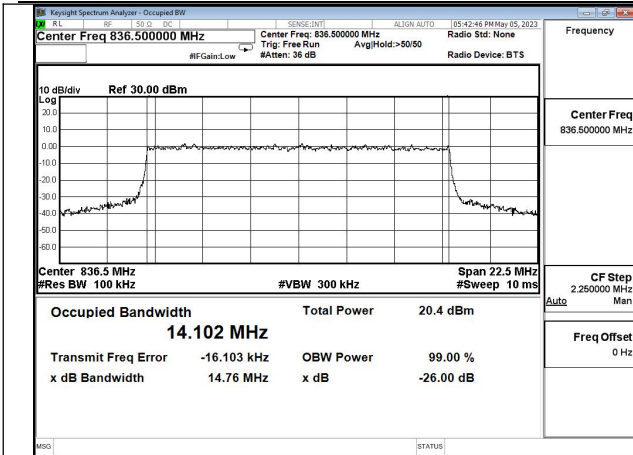


Fig.11

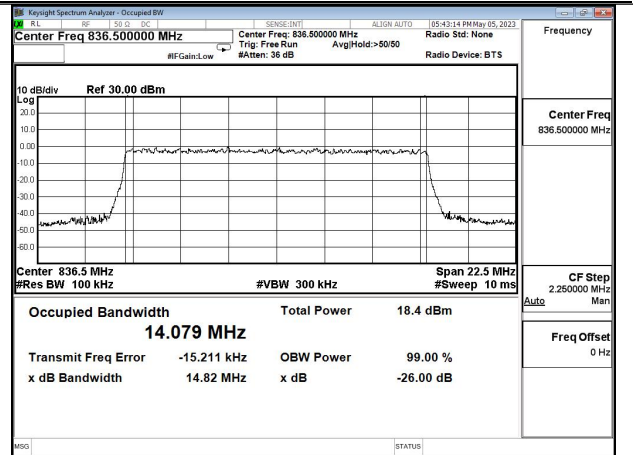


Fig.12

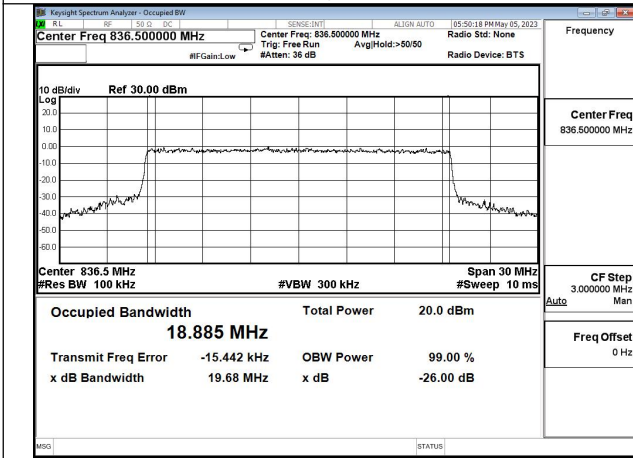


Fig.13

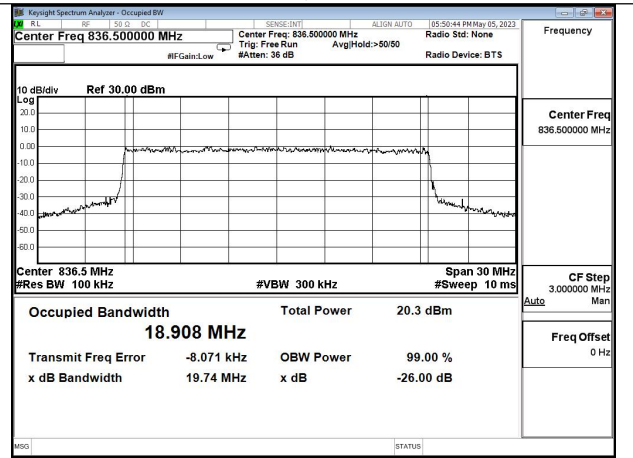


Fig.14

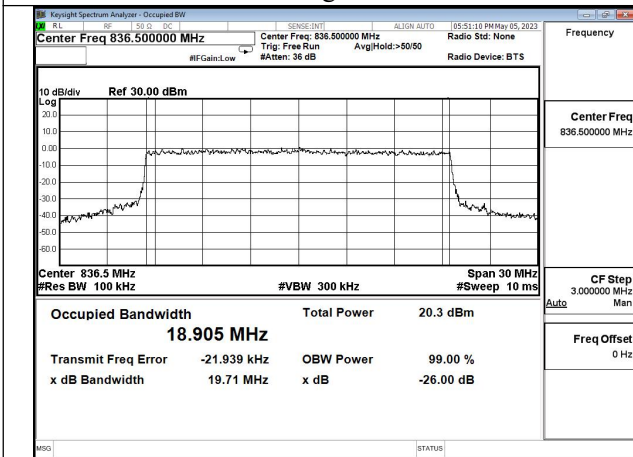


Fig.15

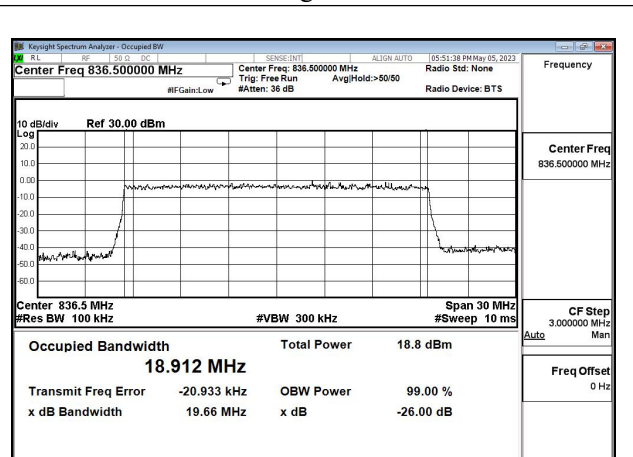


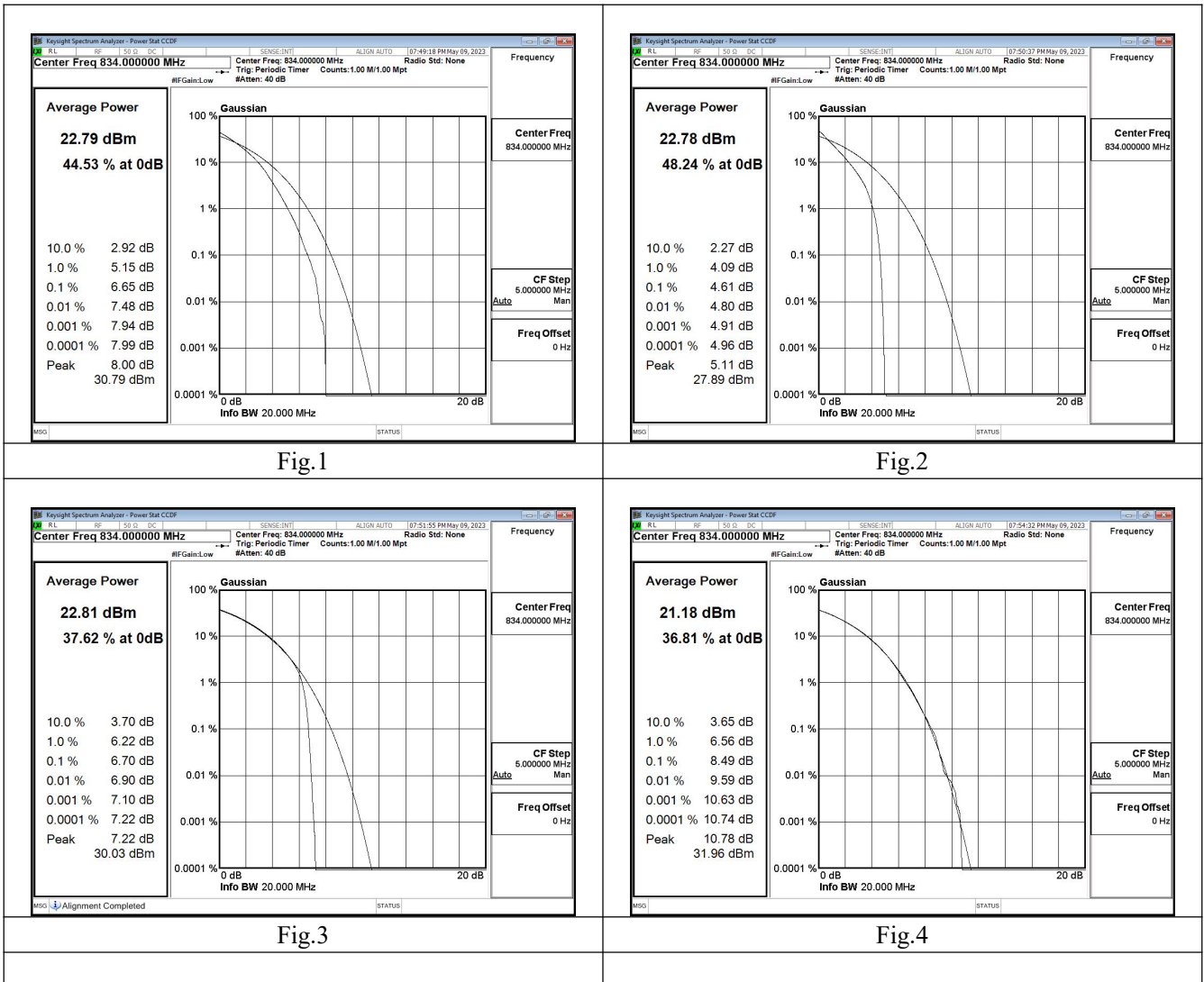
Fig.16



#### 4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	834	166800	20	100	0	Fig.1
DFT-s-OFDM QPSK	834	166800	20	100	0	Fig.2
CP-OFDM 16QAM	834	166800	20	106	0	Fig.3
CP-OFDM 64QAM	834	166800	20	106	0	Fig.4
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	100	0	Fig.5
DFT-s-OFDM QPSK	836.5	167300	20	100	0	Fig.6
CP-OFDM 16QAM	836.5	167300	20	106	0	Fig.7
CP-OFDM 64QAM	836.5	167300	20	106	0	Fig.8
DFT-s-OFDM PI/2 BPSK	839	167800	20	100	0	Fig.9
DFT-s-OFDM QPSK	839	167800	20	100	0	Fig.10
CP-OFDM 16QAM	839	167800	20	106	0	Fig.11
CP-OFDM 64QAM	839	167800	20	106	0	Fig.12

#### Test Plot:



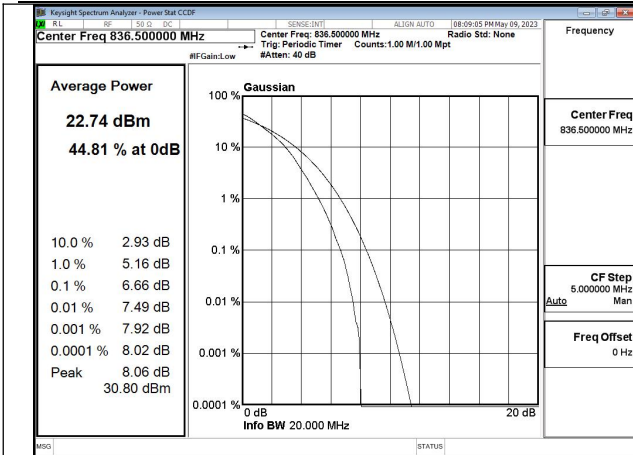


Fig.5

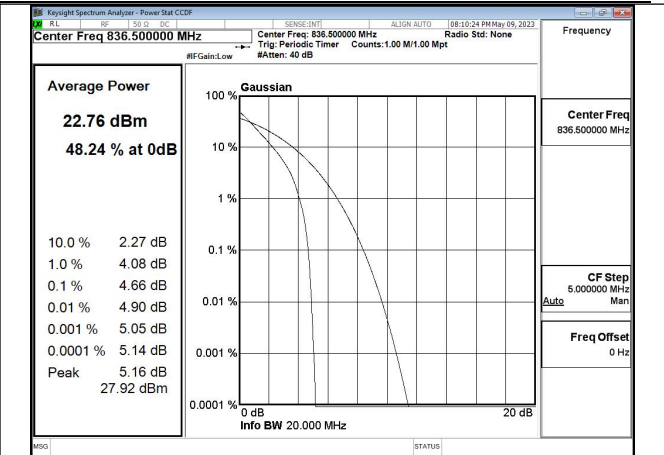


Fig.6

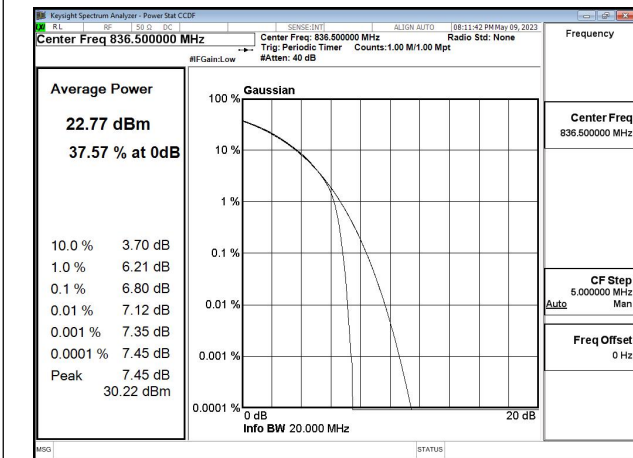


Fig.7

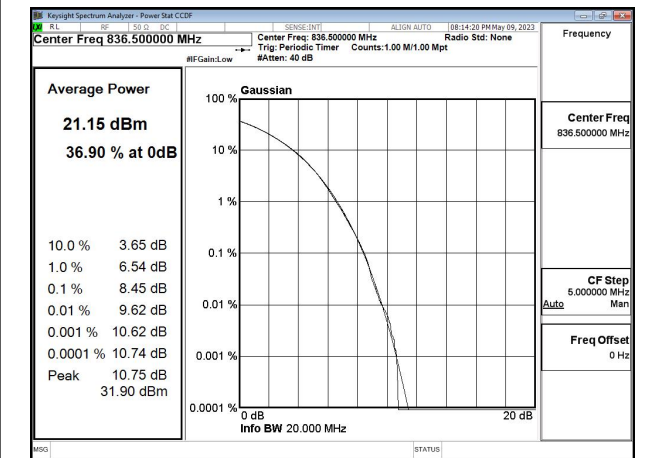


Fig.8

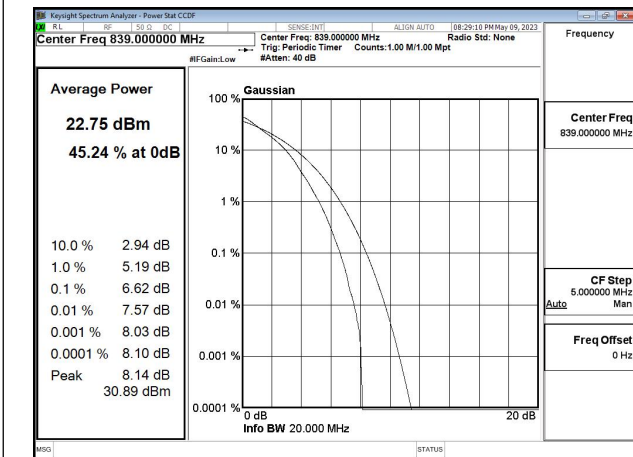


Fig.9

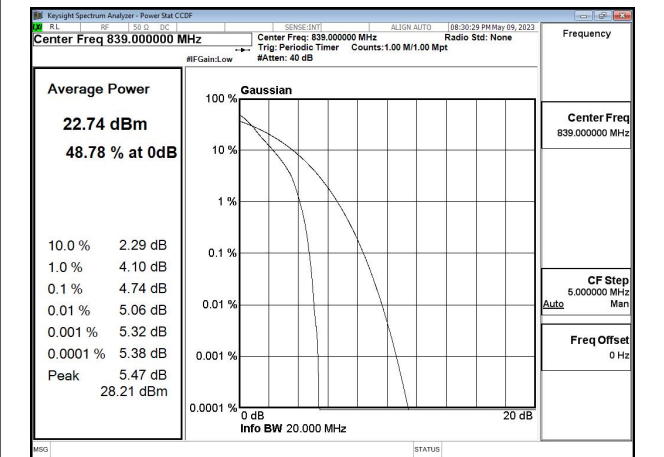


Fig.10

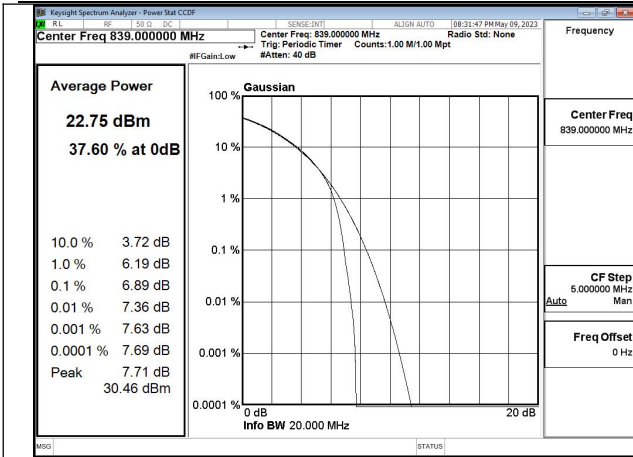


Fig.11

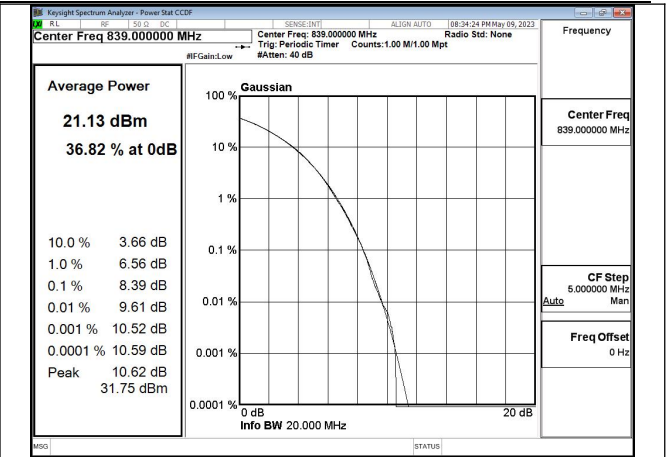


Fig.12