

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

SA N5 (For824~849)

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	23.77
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	1	22.50
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	23	22.88
DFT-s-OFDM QPSK	826.5	165300	5	12	6	22.56
DFT-s-OFDM QPSK	826.5	165300	5	1	1	23.98
DFT-s-OFDM QPSK	826.5	165300	5	1	23	22.39
DFT-s-OFDM QPSK	826.5	165300	5	12	6	23.10
DFT-s-OFDM QPSK	826.5	165300	5	25	0	23.48
DFT-s-OFDM 16QAM	826.5	165300	5	1	0	23.87
DFT-s-OFDM 16QAM	826.5	165300	5	1	24	22.60
DFT-s-OFDM 16QAM	826.5	165300	5	12	6	22.99
DFT-s-OFDM 16QAM	826.5	165300	5	25	0	23.37
DFT-s-OFDM 64QAM	826.5	165300	5	1	0	22.11
DFT-s-OFDM 64QAM	826.5	165300	5	1	24	22.49
DFT-s-OFDM 64QAM	826.5	165300	5	12	6	23.20
DFT-s-OFDM 64QAM	826.5	165300	5	25	0	23.59
DFT-s-OFDM 256QAM	826.5	165300	5	1	0	20.98
DFT-s-OFDM 256QAM	826.5	165300	5	1	24	20.22
DFT-s-OFDM 256QAM	826.5	165300	5	12	6	20.45
DFT-s-OFDM 256QAM	826.5	165300	5	25	0	20.68
CP-OFDM QPSK	826.5	165300	5	1	0	22.92
CP-OFDM QPSK	826.5	165300	5	1	24	22.60
CP-OFDM QPSK	826.5	165300	5	13	6	22.98
CP-OFDM QPSK	826.5	165300	5	25	0	22.42
CP-OFDM 16QAM	826.5	165300	5	1	0	22.10
CP-OFDM 16QAM	826.5	165300	5	1	24	23.52
CP-OFDM 16QAM	826.5	165300	5	13	6	23.91
CP-OFDM 16QAM	826.5	165300	5	25	0	23.58
CP-OFDM 64QAM	826.5	165300	5	1	0	23.02
CP-OFDM 64QAM	826.5	165300	5	1	24	22.70
CP-OFDM 64QAM	826.5	165300	5	13	6	22.14
CP-OFDM 64QAM	826.5	165300	5	25	0	22.53
CP-OFDM 256QAM	826.5	165300	5	1	0	20.35
CP-OFDM 256QAM	826.5	165300	5	1	24	20.77
CP-OFDM 256QAM	826.5	165300	5	13	6	19.82
CP-OFDM 256QAM	826.5	165300	5	25	0	20.05
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	12	6	23.95
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	1	23.39
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	23	23.78
DFT-s-OFDM QPSK	836.5	167300	5	12	6	22.51
DFT-s-OFDM QPSK	836.5	167300	5	1	1	22.89
DFT-s-OFDM QPSK	836.5	167300	5	1	23	23.28

DFT-s-OFDM QPSK	836.5	167300	5	12	6	23.67
DFT-s-OFDM QPSK	836.5	167300	5	25	0	23.11
DFT-s-OFDM 16QAM	836.5	167300	5	1	0	22.78
DFT-s-OFDM 16QAM	836.5	167300	5	1	24	23.17
DFT-s-OFDM 16QAM	836.5	167300	5	12	6	22.61
DFT-s-OFDM 16QAM	836.5	167300	5	25	0	23.00
DFT-s-OFDM 64QAM	836.5	167300	5	1	0	23.38
DFT-s-OFDM 64QAM	836.5	167300	5	1	24	23.77
DFT-s-OFDM 64QAM	836.5	167300	5	12	6	23.21
DFT-s-OFDM 64QAM	836.5	167300	5	25	0	22.89
DFT-s-OFDM 256QAM	836.5	167300	5	1	0	20.00
DFT-s-OFDM 256QAM	836.5	167300	5	1	24	20.23
DFT-s-OFDM 256QAM	836.5	167300	5	12	6	20.46
DFT-s-OFDM 256QAM	836.5	167300	5	25	0	20.69
CP-OFDM QPSK	836.5	167300	5	1	0	22.93
CP-OFDM QPSK	836.5	167300	5	1	24	23.31
CP-OFDM QPSK	836.5	167300	5	13	6	22.99
CP-OFDM QPSK	836.5	167300	5	25	0	22.43
CP-OFDM 16QAM	836.5	167300	5	1	0	22.82
CP-OFDM 16QAM	836.5	167300	5	1	24	23.20
CP-OFDM 16QAM	836.5	167300	5	13	6	23.59
CP-OFDM 16QAM	836.5	167300	5	25	0	23.03
CP-OFDM 64QAM	836.5	167300	5	1	0	22.71
CP-OFDM 64QAM	836.5	167300	5	1	24	22.15
CP-OFDM 64QAM	836.5	167300	5	13	6	22.54
CP-OFDM 64QAM	836.5	167300	5	25	0	22.92
CP-OFDM 256QAM	836.5	167300	5	1	0	20.58
CP-OFDM 256QAM	836.5	167300	5	1	24	20.25
CP-OFDM 256QAM	836.5	167300	5	13	6	20.48
CP-OFDM 256QAM	836.5	167300	5	25	0	20.71
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	12	6	22.12
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	1	22.51
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	23	23.22
DFT-s-OFDM QPSK	846.5	169300	5	12	6	23.61
DFT-s-OFDM QPSK	846.5	169300	5	1	1	22.01
DFT-s-OFDM QPSK	846.5	169300	5	1	23	22.40
DFT-s-OFDM QPSK	846.5	169300	5	12	6	23.82
DFT-s-OFDM QPSK	846.5	169300	5	25	0	22.94
DFT-s-OFDM 16QAM	846.5	169300	5	1	0	22.61
DFT-s-OFDM 16QAM	846.5	169300	5	1	24	23.00
DFT-s-OFDM 16QAM	846.5	169300	5	12	6	22.44
DFT-s-OFDM 16QAM	846.5	169300	5	25	0	23.54
DFT-s-OFDM 64QAM	846.5	169300	5	1	0	23.21
DFT-s-OFDM 64QAM	846.5	169300	5	1	24	23.60
DFT-s-OFDM 64QAM	846.5	169300	5	12	6	22.72
DFT-s-OFDM 64QAM	846.5	169300	5	25	0	22.16

DFT-s-OFDM 256QAM	846.5	169300	5	1	0	20.88
DFT-s-OFDM 256QAM	846.5	169300	5	1	24	20.36
DFT-s-OFDM 256QAM	846.5	169300	5	12	6	20.59
DFT-s-OFDM 256QAM	846.5	169300	5	25	0	20.25
CP-OFDM QPSK	846.5	169300	5	1	0	23.14
CP-OFDM QPSK	846.5	169300	5	1	24	22.82
CP-OFDM QPSK	846.5	169300	5	13	6	23.92
CP-OFDM QPSK	846.5	169300	5	25	0	23.36
CP-OFDM 16QAM	846.5	169300	5	1	0	23.74
CP-OFDM 16QAM	846.5	169300	5	1	24	22.15
CP-OFDM 16QAM	846.5	169300	5	13	6	22.54
CP-OFDM 16QAM	846.5	169300	5	25	0	23.96
CP-OFDM 64QAM	846.5	169300	5	1	0	22.36
CP-OFDM 64QAM	846.5	169300	5	1	24	22.75
CP-OFDM 64QAM	846.5	169300	5	13	6	23.14
CP-OFDM 64QAM	846.5	169300	5	25	0	22.58
CP-OFDM 256QAM	846.5	169300	5	1	0	20.18
CP-OFDM 256QAM	846.5	169300	5	1	24	19.85
CP-OFDM 256QAM	846.5	169300	5	13	6	20.08
CP-OFDM 256QAM	846.5	169300	5	25	0	20.31

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	22.24
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	1	22.63
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	50	23.34
DFT-s-OFDM QPSK	829	165800	10	25	12	23.73
DFT-s-OFDM QPSK	829	165800	10	1	1	22.13
DFT-s-OFDM QPSK	829	165800	10	1	50	22.84
DFT-s-OFDM QPSK	829	165800	10	25	12	23.23
DFT-s-OFDM QPSK	829	165800	10	50	0	23.62
DFT-s-OFDM 16QAM	829	165800	10	1	0	22.35
DFT-s-OFDM 16QAM	829	165800	10	1	51	22.73
DFT-s-OFDM 16QAM	829	165800	10	25	12	23.12
DFT-s-OFDM 16QAM	829	165800	10	50	0	23.83
DFT-s-OFDM 64QAM	829	165800	10	1	0	22.24
DFT-s-OFDM 64QAM	829	165800	10	1	51	22.62
DFT-s-OFDM 64QAM	829	165800	10	25	12	22.06
DFT-s-OFDM 64QAM	829	165800	10	50	0	23.72
DFT-s-OFDM 256QAM	829	165800	10	1	0	20.49
DFT-s-OFDM 256QAM	829	165800	10	1	51	20.72
DFT-s-OFDM 256QAM	829	165800	10	25	12	20.95
DFT-s-OFDM 256QAM	829	165800	10	50	0	20.20
CP-OFDM QPSK	829	165800	10	1	0	23.05
CP-OFDM QPSK	829	165800	10	1	51	23.44
CP-OFDM QPSK	829	165800	10	26	13	22.17

CP-OFDM QPSK	829	165800	10	52	0	22.55
CP-OFDM 16QAM	829	165800	10	1	0	22.94
CP-OFDM 16QAM	829	165800	10	1	51	22.38
CP-OFDM 16QAM	829	165800	10	26	13	22.06
CP-OFDM 16QAM	829	165800	10	52	0	22.44
CP-OFDM 64QAM	829	165800	10	1	0	23.15
CP-OFDM 64QAM	829	165800	10	1	51	23.54
CP-OFDM 64QAM	829	165800	10	26	13	22.98
CP-OFDM 64QAM	829	165800	10	52	0	23.37
CP-OFDM 256QAM	829	165800	10	1	0	20.85
CP-OFDM 256QAM	829	165800	10	1	51	20.09
CP-OFDM 256QAM	829	165800	10	26	13	20.32
CP-OFDM 256QAM	829	165800	10	52	0	20.55
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	25	12	23.35
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	1	23.74
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	50	22.14
DFT-s-OFDM QPSK	836.5	167300	10	25	12	22.53
DFT-s-OFDM QPSK	836.5	167300	10	1	1	23.95
DFT-s-OFDM QPSK	836.5	167300	10	1	50	22.36
DFT-s-OFDM QPSK	836.5	167300	10	25	12	22.74
DFT-s-OFDM QPSK	836.5	167300	10	50	0	23.45
DFT-s-OFDM 16QAM	836.5	167300	10	1	0	23.84
DFT-s-OFDM 16QAM	836.5	167300	10	1	51	22.25
DFT-s-OFDM 16QAM	836.5	167300	10	25	12	22.63
DFT-s-OFDM 16QAM	836.5	167300	10	50	0	22.07
DFT-s-OFDM 64QAM	836.5	167300	10	1	0	22.46
DFT-s-OFDM 64QAM	836.5	167300	10	1	51	22.85
DFT-s-OFDM 64QAM	836.5	167300	10	25	12	23.23
DFT-s-OFDM 64QAM	836.5	167300	10	50	0	23.94
DFT-s-OFDM 256QAM	836.5	167300	10	1	0	20.01
DFT-s-OFDM 256QAM	836.5	167300	10	1	51	20.86
DFT-s-OFDM 256QAM	836.5	167300	10	25	12	19.91
DFT-s-OFDM 256QAM	836.5	167300	10	50	0	20.14
CP-OFDM QPSK	836.5	167300	10	1	0	22.95
CP-OFDM QPSK	836.5	167300	10	1	51	22.39
CP-OFDM QPSK	836.5	167300	10	26	13	22.78
CP-OFDM QPSK	836.5	167300	10	52	0	23.16
CP-OFDM 16QAM	836.5	167300	10	1	0	23.55
CP-OFDM 16QAM	836.5	167300	10	1	51	22.99
CP-OFDM 16QAM	836.5	167300	10	26	13	23.38
CP-OFDM 16QAM	836.5	167300	10	52	0	23.76
CP-OFDM 64QAM	836.5	167300	10	1	0	22.17
CP-OFDM 64QAM	836.5	167300	10	1	51	22.88
CP-OFDM 64QAM	836.5	167300	10	26	13	23.27
CP-OFDM 64QAM	836.5	167300	10	52	0	23.65
CP-OFDM 256QAM	836.5	167300	10	1	0	20.45

CP-OFDM 256QAM	836.5	167300	10	1	51	20.68
CP-OFDM 256QAM	836.5	167300	10	26	13	20.91
CP-OFDM 256QAM	836.5	167300	10	52	0	19.97
DFT-s-OFDM PI/2 BPSK	844	168800	10	25	12	22.36
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	1	23.78
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	50	22.19
DFT-s-OFDM QPSK	844	168800	10	25	12	22.57
DFT-s-OFDM QPSK	844	168800	10	1	1	22.96
DFT-s-OFDM QPSK	844	168800	10	1	50	22.40
DFT-s-OFDM QPSK	844	168800	10	25	12	22.79
DFT-s-OFDM QPSK	844	168800	10	50	0	23.17
DFT-s-OFDM 16QAM	844	168800	10	1	0	23.56
DFT-s-OFDM 16QAM	844	168800	10	1	51	23.00
DFT-s-OFDM 16QAM	844	168800	10	25	12	23.39
DFT-s-OFDM 16QAM	844	168800	10	50	0	23.77
DFT-s-OFDM 64QAM	844	168800	10	1	0	22.18
DFT-s-OFDM 64QAM	844	168800	10	1	51	23.28
DFT-s-OFDM 64QAM	844	168800	10	25	12	23.66
DFT-s-OFDM 64QAM	844	168800	10	50	0	23.10
DFT-s-OFDM 256QAM	844	168800	10	1	0	20.69
DFT-s-OFDM 256QAM	844	168800	10	1	51	20.92
DFT-s-OFDM 256QAM	844	168800	10	25	12	19.97
DFT-s-OFDM 256QAM	844	168800	10	50	0	20.82
CP-OFDM QPSK	844	168800	10	1	0	22.11
CP-OFDM QPSK	844	168800	10	1	51	22.50
CP-OFDM QPSK	844	168800	10	26	13	22.88
CP-OFDM QPSK	844	168800	10	52	0	22.32
CP-OFDM 16QAM	844	168800	10	1	0	22.71
CP-OFDM 16QAM	844	168800	10	1	51	23.10
CP-OFDM 16QAM	844	168800	10	26	13	23.48
CP-OFDM 16QAM	844	168800	10	52	0	22.92
CP-OFDM 64QAM	844	168800	10	1	0	23.31
CP-OFDM 64QAM	844	168800	10	1	51	23.70
CP-OFDM 64QAM	844	168800	10	26	13	22.10
CP-OFDM 64QAM	844	168800	10	52	0	23.52
CP-OFDM 256QAM	844	168800	10	1	0	20.94
CP-OFDM 256QAM	844	168800	10	1	51	19.99
CP-OFDM 256QAM	844	168800	10	26	13	20.22
CP-OFDM 256QAM	844	168800	10	52	0	19.89

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	22.76
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	1	22.20
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	77	22.59
DFT-s-OFDM QPSK	831.5	166300	15	36	18	22.26

DFT-s-OFDM QPSK	831.5	166300	15	1	1	23.69
DFT-s-OFDM QPSK	831.5	166300	15	1	77	22.09
DFT-s-OFDM QPSK	831.5	166300	15	36	18	22.80
DFT-s-OFDM QPSK	831.5	166300	15	75	0	23.19
DFT-s-OFDM 16QAM	831.5	166300	15	1	0	23.58
DFT-s-OFDM 16QAM	831.5	166300	15	1	78	22.31
DFT-s-OFDM 16QAM	831.5	166300	15	36	18	22.69
DFT-s-OFDM 16QAM	831.5	166300	15	75	0	23.08
DFT-s-OFDM 64QAM	831.5	166300	15	1	0	23.47
DFT-s-OFDM 64QAM	831.5	166300	15	1	78	22.91
DFT-s-OFDM 64QAM	831.5	166300	15	36	18	22.58
DFT-s-OFDM 64QAM	831.5	166300	15	75	0	22.02
DFT-s-OFDM 256QAM	831.5	166300	15	1	0	20.05
DFT-s-OFDM 256QAM	831.5	166300	15	1	78	20.28
DFT-s-OFDM 256QAM	831.5	166300	15	36	18	20.51
DFT-s-OFDM 256QAM	831.5	166300	15	75	0	20.93
CP-OFDM QPSK	831.5	166300	15	1	0	22.30
CP-OFDM QPSK	831.5	166300	15	1	78	22.69
CP-OFDM QPSK	831.5	166300	15	39	19	22.13
CP-OFDM QPSK	831.5	166300	15	79	0	23.78
CP-OFDM 16QAM	831.5	166300	15	1	0	23.22
CP-OFDM 16QAM	831.5	166300	15	1	78	23.61
CP-OFDM 16QAM	831.5	166300	15	39	19	22.02
CP-OFDM 16QAM	831.5	166300	15	79	0	22.40
CP-OFDM 64QAM	831.5	166300	15	1	0	23.11
CP-OFDM 64QAM	831.5	166300	15	1	78	23.50
CP-OFDM 64QAM	831.5	166300	15	39	19	23.89
CP-OFDM 64QAM	831.5	166300	15	79	0	23.33
CP-OFDM 256QAM	831.5	166300	15	1	0	20.40
CP-OFDM 256QAM	831.5	166300	15	1	78	20.07
CP-OFDM 256QAM	831.5	166300	15	39	19	20.30
CP-OFDM 256QAM	831.5	166300	15	79	0	20.53
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	36	18	22.10
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	1	22.49
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	77	22.87
DFT-s-OFDM QPSK	836.5	167300	15	36	18	22.31
DFT-s-OFDM QPSK	836.5	167300	15	1	1	22.70
DFT-s-OFDM QPSK	836.5	167300	15	1	77	23.09
DFT-s-OFDM QPSK	836.5	167300	15	36	18	23.47
DFT-s-OFDM QPSK	836.5	167300	15	75	0	22.92
DFT-s-OFDM 16QAM	836.5	167300	15	1	0	23.30
DFT-s-OFDM 16QAM	836.5	167300	15	1	78	22.03
DFT-s-OFDM 16QAM	836.5	167300	15	36	18	22.09
DFT-s-OFDM 16QAM	836.5	167300	15	75	0	22.80
DFT-s-OFDM 64QAM	836.5	167300	15	1	0	23.19
DFT-s-OFDM 64QAM	836.5	167300	15	1	78	22.63

DFT-s-OFDM 64QAM	836.5	167300	15	36	18	23.02
DFT-s-OFDM 64QAM	836.5	167300	15	75	0	23.41
DFT-s-OFDM 256QAM	836.5	167300	15	1	0	20.87
DFT-s-OFDM 256QAM	836.5	167300	15	1	78	20.54
DFT-s-OFDM 256QAM	836.5	167300	15	36	18	20.77
DFT-s-OFDM 256QAM	836.5	167300	15	75	0	19.82
CP-OFDM QPSK	836.5	167300	15	1	0	22.41
CP-OFDM QPSK	836.5	167300	15	1	78	23.83
CP-OFDM QPSK	836.5	167300	15	39	19	22.24
CP-OFDM QPSK	836.5	167300	15	79	0	22.63
CP-OFDM 16QAM	836.5	167300	15	1	0	23.01
CP-OFDM 16QAM	836.5	167300	15	1	78	22.45
CP-OFDM 16QAM	836.5	167300	15	39	19	22.84
CP-OFDM 16QAM	836.5	167300	15	79	0	23.23
CP-OFDM 64QAM	836.5	167300	15	1	0	23.61
CP-OFDM 64QAM	836.5	167300	15	1	78	23.05
CP-OFDM 64QAM	836.5	167300	15	39	19	23.44
CP-OFDM 64QAM	836.5	167300	15	79	0	23.83
CP-OFDM 256QAM	836.5	167300	15	1	0	19.94
CP-OFDM 256QAM	836.5	167300	15	1	78	20.36
CP-OFDM 256QAM	836.5	167300	15	39	19	20.59
CP-OFDM 256QAM	836.5	167300	15	79	0	20.82
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	36	18	23.63
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	1	22.03
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	77	22.42
DFT-s-OFDM QPSK	841.5	168300	15	36	18	23.52
DFT-s-OFDM QPSK	841.5	168300	15	1	1	23.90
DFT-s-OFDM QPSK	841.5	168300	15	1	77	23.34
DFT-s-OFDM QPSK	841.5	168300	15	36	18	23.73
DFT-s-OFDM QPSK	841.5	168300	15	75	0	22.14
DFT-s-OFDM 16QAM	841.5	168300	15	1	0	22.52
DFT-s-OFDM 16QAM	841.5	168300	15	1	78	23.95
DFT-s-OFDM 16QAM	841.5	168300	15	36	18	22.35
DFT-s-OFDM 16QAM	841.5	168300	15	75	0	22.74
DFT-s-OFDM 64QAM	841.5	168300	15	1	0	23.84
DFT-s-OFDM 64QAM	841.5	168300	15	1	78	22.24
DFT-s-OFDM 64QAM	841.5	168300	15	36	18	23.66
DFT-s-OFDM 64QAM	841.5	168300	15	75	0	22.07
DFT-s-OFDM 256QAM	841.5	168300	15	1	0	20.07
DFT-s-OFDM 256QAM	841.5	168300	15	1	78	20.30
DFT-s-OFDM 256QAM	841.5	168300	15	36	18	19.97
DFT-s-OFDM 256QAM	841.5	168300	15	75	0	20.20
CP-OFDM QPSK	841.5	168300	15	1	0	23.06
CP-OFDM QPSK	841.5	168300	15	1	78	23.44
CP-OFDM QPSK	841.5	168300	15	39	19	22.56
CP-OFDM QPSK	841.5	168300	15	79	0	22.95

CP-OFDM 16QAM	841.5	168300	15	1	0	22.39
CP-OFDM 16QAM	841.5	168300	15	1	78	22.77
CP-OFDM 16QAM	841.5	168300	15	39	19	23.16
CP-OFDM 16QAM	841.5	168300	15	79	0	23.55
CP-OFDM 64QAM	841.5	168300	15	1	0	22.66
CP-OFDM 64QAM	841.5	168300	15	1	78	22.10
CP-OFDM 64QAM	841.5	168300	15	39	19	22.49
CP-OFDM 64QAM	841.5	168300	15	79	0	22.88
CP-OFDM 256QAM	841.5	168300	15	1	0	20.55
CP-OFDM 256QAM	841.5	168300	15	1	78	20.22
CP-OFDM 256QAM	841.5	168300	15	39	19	20.45
CP-OFDM 256QAM	841.5	168300	15	79	0	20.68

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	22.72
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	1	23.11
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	104	23.82
DFT-s-OFDM QPSK	834	166800	20	50	25	22.22
DFT-s-OFDM QPSK	834	166800	20	1	1	23.64
DFT-s-OFDM QPSK	834	166800	20	1	104	23.32
DFT-s-OFDM QPSK	834	166800	20	50	25	23.71
DFT-s-OFDM QPSK	834	166800	20	100	0	23.15
DFT-s-OFDM 16QAM	834	166800	20	1	0	23.53
DFT-s-OFDM 16QAM	834	166800	20	1	105	22.27
DFT-s-OFDM 16QAM	834	166800	20	50	25	22.65
DFT-s-OFDM 16QAM	834	166800	20	100	0	23.04
DFT-s-OFDM 64QAM	834	166800	20	1	0	23.42
DFT-s-OFDM 64QAM	834	166800	20	1	105	22.87
DFT-s-OFDM 64QAM	834	166800	20	50	25	22.54
DFT-s-OFDM 64QAM	834	166800	20	100	0	22.93
DFT-s-OFDM 256QAM	834	166800	20	1	0	20.02
DFT-s-OFDM 256QAM	834	166800	20	1	105	20.25
DFT-s-OFDM 256QAM	834	166800	20	50	25	20.48
DFT-s-OFDM 256QAM	834	166800	20	100	0	20.71
CP-OFDM QPSK	834	166800	20	1	0	22.97
CP-OFDM QPSK	834	166800	20	1	105	22.65
CP-OFDM QPSK	834	166800	20	53	26	22.09
CP-OFDM QPSK	834	166800	20	106	0	22.47
CP-OFDM 16QAM	834	166800	20	1	0	22.15
CP-OFDM 16QAM	834	166800	20	1	105	23.57
CP-OFDM 16QAM	834	166800	20	53	26	23.96
CP-OFDM 16QAM	834	166800	20	106	0	22.36
CP-OFDM 64QAM	834	166800	20	1	0	22.75
CP-OFDM 64QAM	834	166800	20	1	105	22.19
CP-OFDM 64QAM	834	166800	20	53	26	23.85

CP-OFDM 64QAM	834	166800	20	106	0	23.29
CP-OFDM 256QAM	834	166800	20	1	0	20.80
CP-OFDM 256QAM	834	166800	20	1	105	19.85
CP-OFDM 256QAM	834	166800	20	53	26	20.27
CP-OFDM 256QAM	834	166800	20	106	0	20.50
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	50	25	23.93
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	1	22.34
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	104	23.76
DFT-s-OFDM QPSK	836.5	167300	20	50	25	22.16
DFT-s-OFDM QPSK	836.5	167300	20	1	1	22.55
DFT-s-OFDM QPSK	836.5	167300	20	1	104	22.94
DFT-s-OFDM QPSK	836.5	167300	20	50	25	22.38
DFT-s-OFDM QPSK	836.5	167300	20	100	0	22.76
DFT-s-OFDM 16QAM	836.5	167300	20	1	0	23.15
DFT-s-OFDM 16QAM	836.5	167300	20	1	105	23.54
DFT-s-OFDM 16QAM	836.5	167300	20	50	25	22.27
DFT-s-OFDM 16QAM	836.5	167300	20	100	0	23.36
DFT-s-OFDM 64QAM	836.5	167300	20	1	0	22.09
DFT-s-OFDM 64QAM	836.5	167300	20	1	105	22.48
DFT-s-OFDM 64QAM	836.5	167300	20	50	25	22.87
DFT-s-OFDM 64QAM	836.5	167300	20	100	0	23.25
DFT-s-OFDM 256QAM	836.5	167300	20	1	0	20.22
DFT-s-OFDM 256QAM	836.5	167300	20	1	105	20.45
DFT-s-OFDM 256QAM	836.5	167300	20	50	25	20.68
DFT-s-OFDM 256QAM	836.5	167300	20	100	0	20.91
CP-OFDM QPSK	836.5	167300	20	1	0	23.30
CP-OFDM QPSK	836.5	167300	20	1	105	23.68
CP-OFDM QPSK	836.5	167300	20	53	26	22.09
CP-OFDM QPSK	836.5	167300	20	106	0	22.47
CP-OFDM 16QAM	836.5	167300	20	1	0	23.90
CP-OFDM 16QAM	836.5	167300	20	1	105	22.30
CP-OFDM 16QAM	836.5	167300	20	53	26	22.69
CP-OFDM 16QAM	836.5	167300	20	106	0	23.07
CP-OFDM 64QAM	836.5	167300	20	1	0	22.52
CP-OFDM 64QAM	836.5	167300	20	1	105	22.90
CP-OFDM 64QAM	836.5	167300	20	53	26	23.29
CP-OFDM 64QAM	836.5	167300	20	106	0	23.68
CP-OFDM 256QAM	836.5	167300	20	1	0	20.47
CP-OFDM 256QAM	836.5	167300	20	1	105	20.70
CP-OFDM 256QAM	836.5	167300	20	53	26	20.93
CP-OFDM 256QAM	836.5	167300	20	106	0	19.98
DFT-s-OFDM PI/2 BPSK	839	167800	20	50	25	23.69
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	1	22.10
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	104	22.48
DFT-s-OFDM QPSK	839	167800	20	50	25	23.90
DFT-s-OFDM QPSK	839	167800	20	1	1	22.31

DFT-s-OFDM QPSK	839	167800	20	1	104	22.70
DFT-s-OFDM QPSK	839	167800	20	50	25	23.08
DFT-s-OFDM QPSK	839	167800	20	100	0	22.52
DFT-s-OFDM 16QAM	839	167800	20	1	0	22.59
DFT-s-OFDM 16QAM	839	167800	20	1	105	22.03
DFT-s-OFDM 16QAM	839	167800	20	50	25	22.41
DFT-s-OFDM 16QAM	839	167800	20	100	0	22.80
DFT-s-OFDM 64QAM	839	167800	20	1	0	23.19
DFT-s-OFDM 64QAM	839	167800	20	1	105	22.63
DFT-s-OFDM 64QAM	839	167800	20	50	25	23.01
DFT-s-OFDM 64QAM	839	167800	20	100	0	22.13
DFT-s-OFDM 256QAM	839	167800	20	1	0	20.11
DFT-s-OFDM 256QAM	839	167800	20	1	105	20.34
DFT-s-OFDM 256QAM	839	167800	20	50	25	20.01
DFT-s-OFDM 256QAM	839	167800	20	100	0	20.24
CP-OFDM QPSK	839	167800	20	1	0	23.12
CP-OFDM QPSK	839	167800	20	1	105	23.50
CP-OFDM QPSK	839	167800	20	53	26	22.95
CP-OFDM QPSK	839	167800	20	106	0	23.33
CP-OFDM 16QAM	839	167800	20	1	0	22.45
CP-OFDM 16QAM	839	167800	20	1	105	22.84
CP-OFDM 16QAM	839	167800	20	53	26	23.22
CP-OFDM 16QAM	839	167800	20	106	0	23.61
CP-OFDM 64QAM	839	167800	20	1	0	23.05
CP-OFDM 64QAM	839	167800	20	1	105	23.44
CP-OFDM 64QAM	839	167800	20	53	26	23.82
CP-OFDM 64QAM	839	167800	20	106	0	22.23
CP-OFDM 256QAM	839	167800	20	1	0	20.59
CP-OFDM 256QAM	839	167800	20	1	105	20.26
CP-OFDM 256QAM	839	167800	20	53	26	20.49
CP-OFDM 256QAM	839	167800	20	106	0	20.72

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	836.5	167300	5	25	0	4.490	Fig.1
CP-OFDM 16QAM	836.5	167300	5	25	0	4.490	Fig.2
CP-OFDM 64QAM	836.5	167300	5	25	0	4.480	Fig.3
CP-OFDM 256QAM	836.5	167300	5	25	0	4.490	Fig.4
CP-OFDM QPSK	836.5	167300	10	52	0	9.270	Fig.5
CP-OFDM 16QAM	836.5	167300	10	52	0	9.270	Fig.6
CP-OFDM 64QAM	836.5	167300	10	52	0	9.260	Fig.7
CP-OFDM 256QAM	836.5	167300	10	52	0	9.270	Fig.8
CP-OFDM QPSK	836.5	167300	15	79	0	14.040	Fig.9
CP-OFDM 16QAM	836.5	167300	15	79	0	14.070	Fig.10
CP-OFDM 64QAM	836.5	167300	15	79	0	14.080	Fig.11
CP-OFDM 256QAM	836.5	167300	15	79	0	14.050	Fig.12
CP-OFDM QPSK	836.5	167300	20	106	0	18.880	Fig.13
CP-OFDM 16QAM	836.5	167300	20	106	0	18.870	Fig.14
CP-OFDM 64QAM	836.5	167300	20	106	0	18.850	Fig.15
CP-OFDM 256QAM	836.5	167300	20	106	0	18.850	Fig.16

Test Plot:

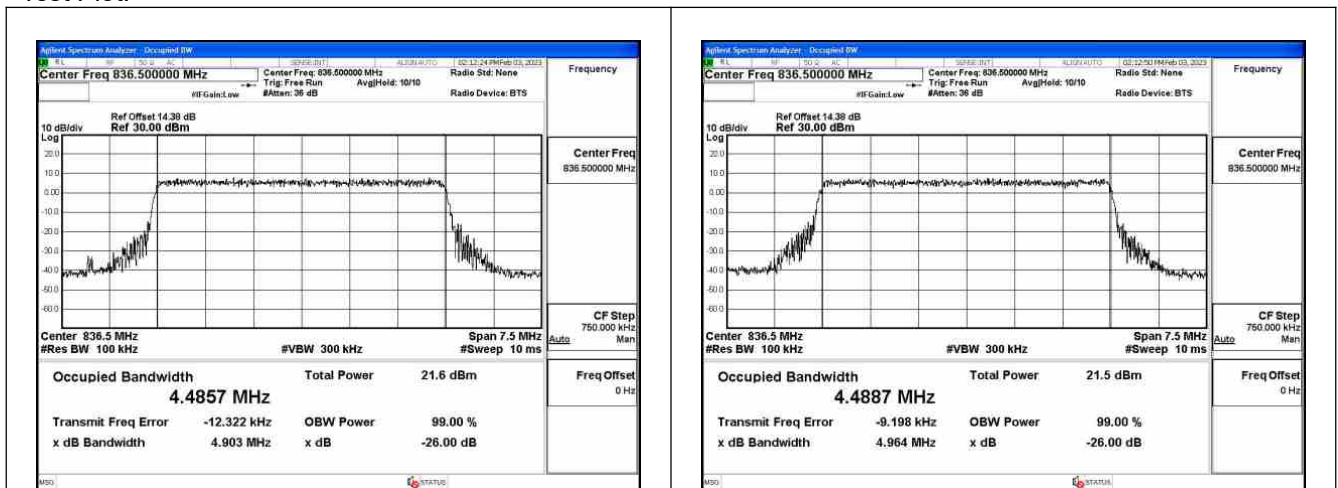


Fig.1

Fig.2

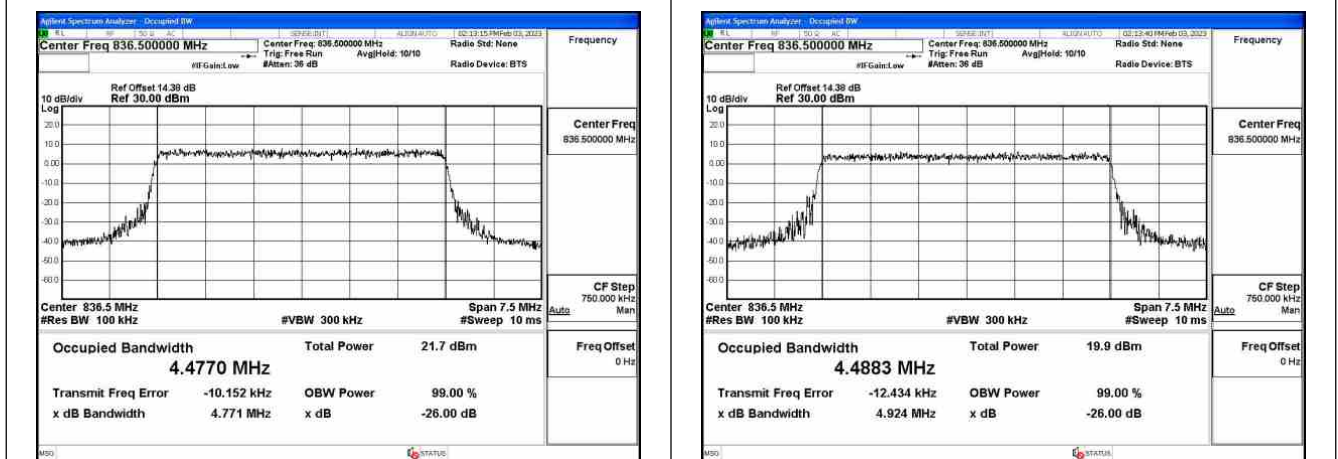


Fig.3

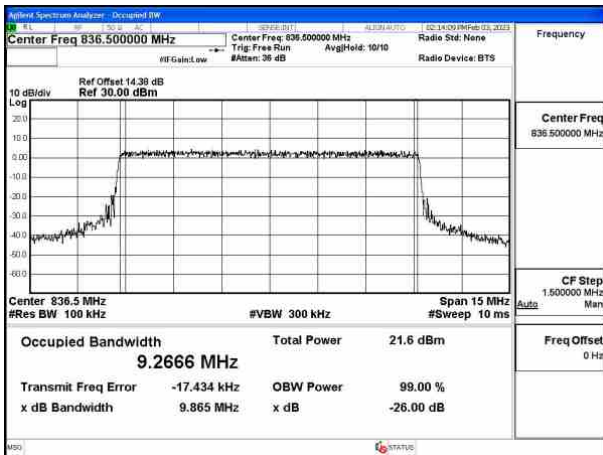


Fig.4

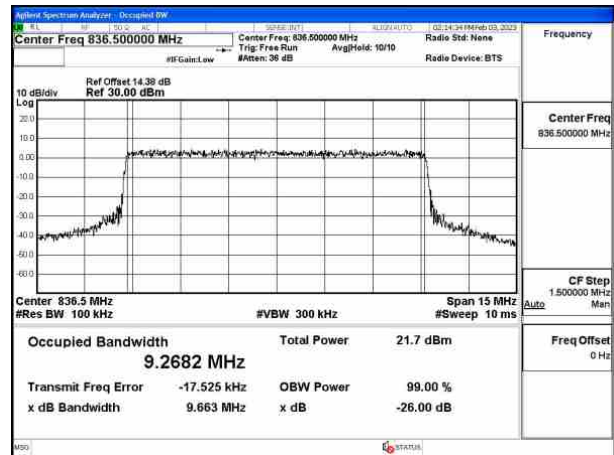


Fig.5

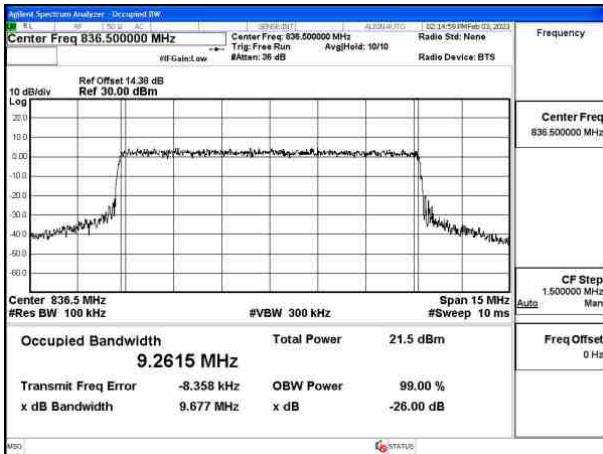


Fig.6

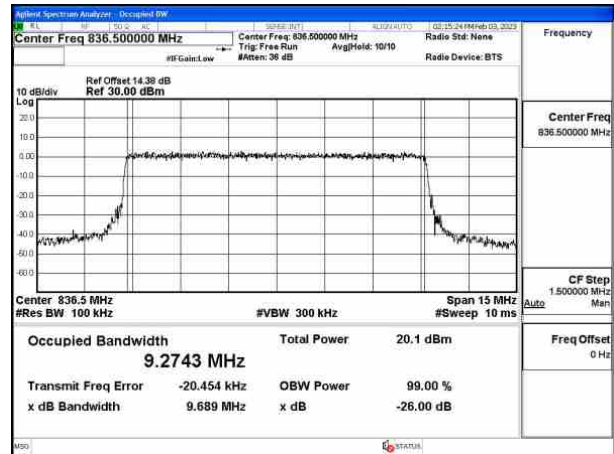


Fig.7

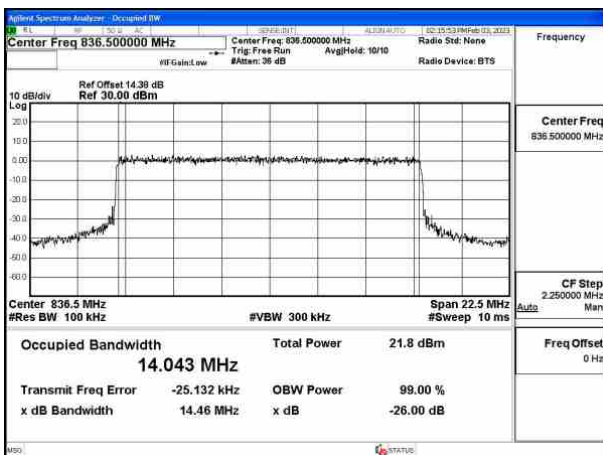


Fig.8

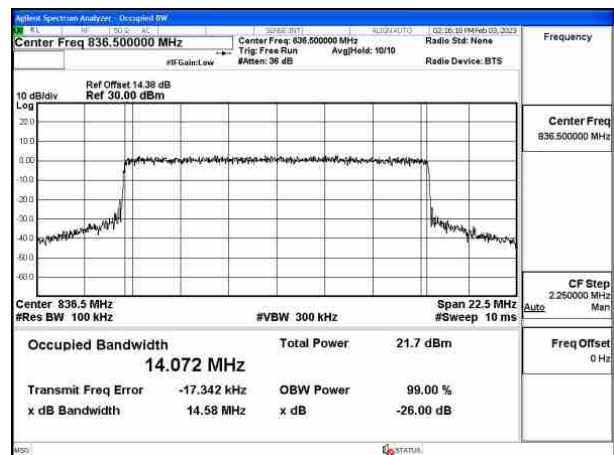


Fig.9

Fig.10

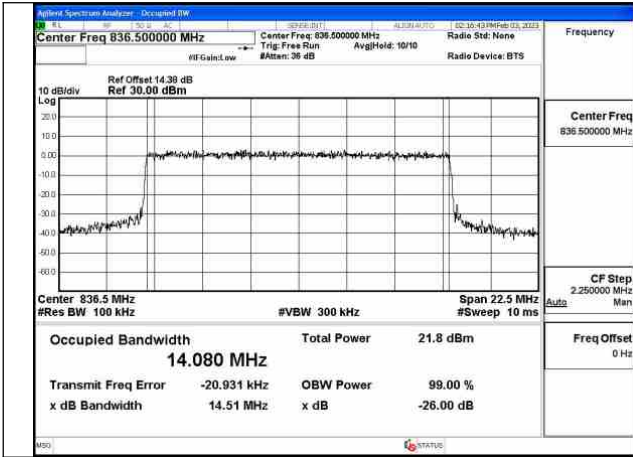


Fig.11

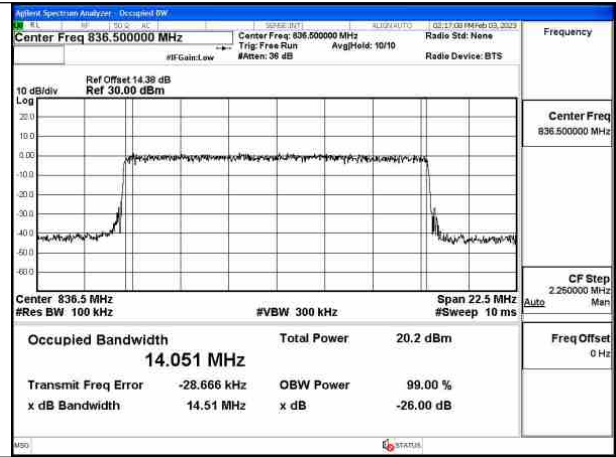


Fig.12

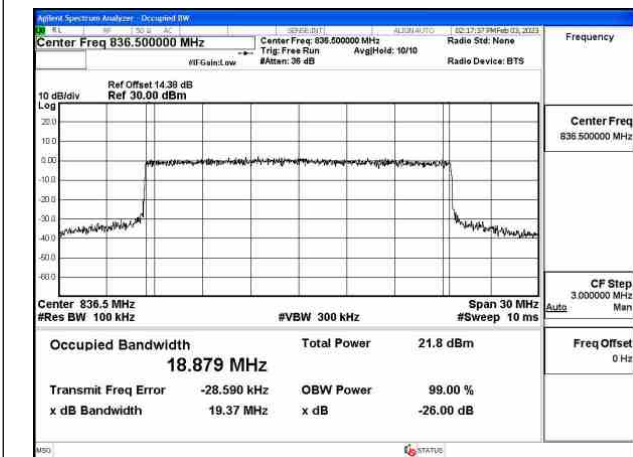


Fig.13

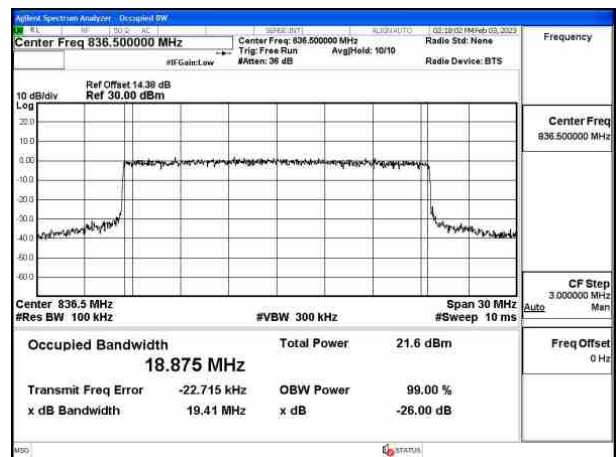


Fig.14

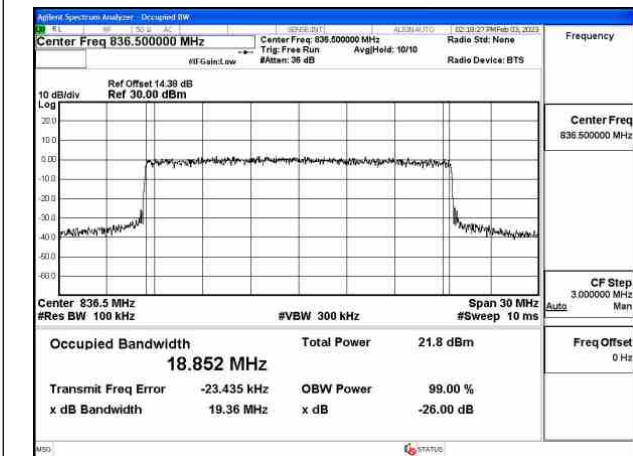


Fig.15

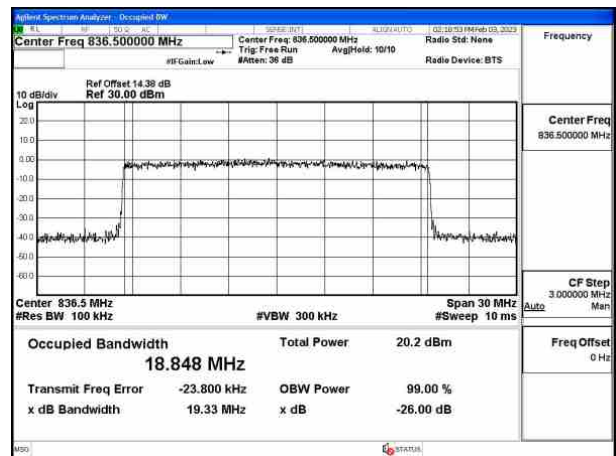


Fig.16

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	836.5	167300	5	25	0	4.900	Fig.1
CP-OFDM 16QAM	836.5	167300	5	25	0	4.960	Fig.2
CP-OFDM 64QAM	836.5	167300	5	25	0	4.770	Fig.3
CP-OFDM 256QAM	836.5	167300	5	25	0	4.920	Fig.4
CP-OFDM QPSK	836.5	167300	10	52	0	9.870	Fig.5
CP-OFDM 16QAM	836.5	167300	10	52	0	9.660	Fig.6
CP-OFDM 64QAM	836.5	167300	10	52	0	9.680	Fig.7
CP-OFDM 256QAM	836.5	167300	10	52	0	9.690	Fig.8
CP-OFDM QPSK	836.5	167300	15	79	0	14.460	Fig.9
CP-OFDM 16QAM	836.5	167300	15	79	0	14.580	Fig.10
CP-OFDM 64QAM	836.5	167300	15	79	0	14.510	Fig.11
CP-OFDM 256QAM	836.5	167300	15	79	0	14.510	Fig.12
CP-OFDM QPSK	836.5	167300	20	106	0	19.370	Fig.13
CP-OFDM 16QAM	836.5	167300	20	106	0	19.410	Fig.14
CP-OFDM 64QAM	836.5	167300	20	106	0	19.360	Fig.15
CP-OFDM 256QAM	836.5	167300	20	106	0	19.330	Fig.16

Test Plot:

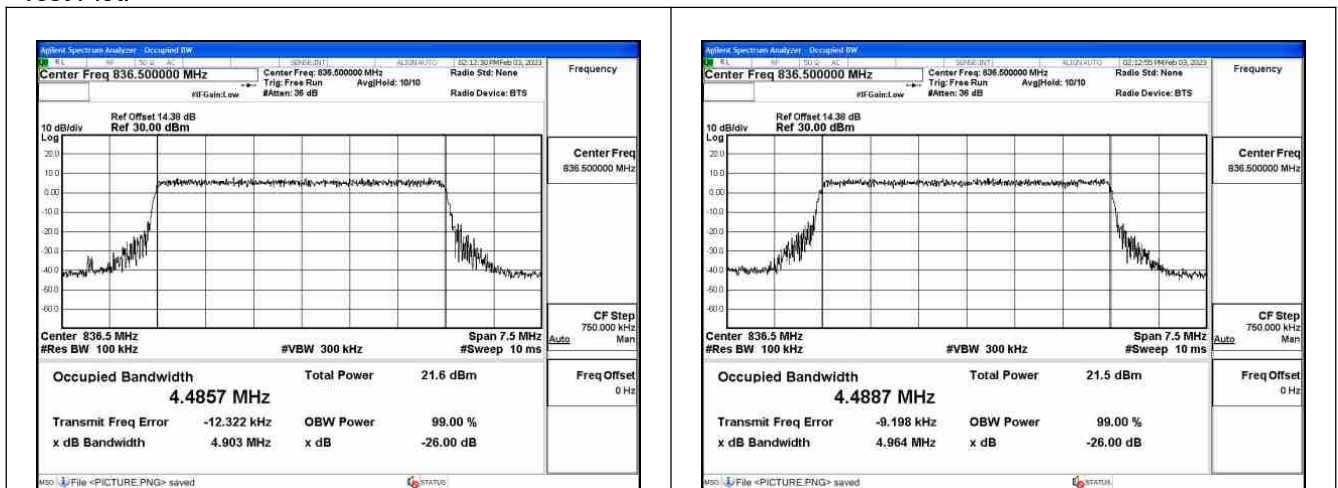


Fig.1

Fig.2

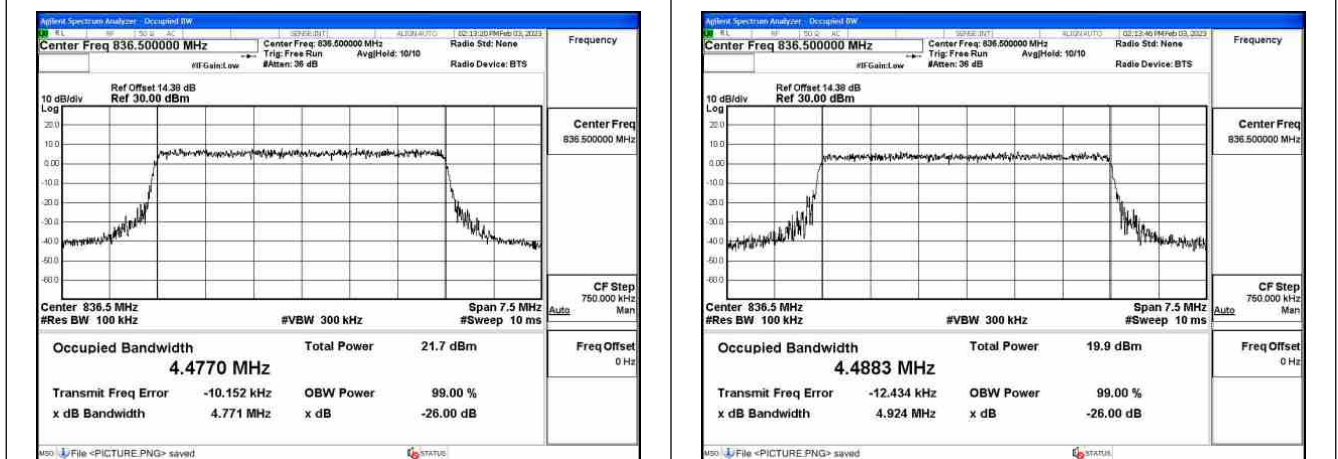


Fig.3

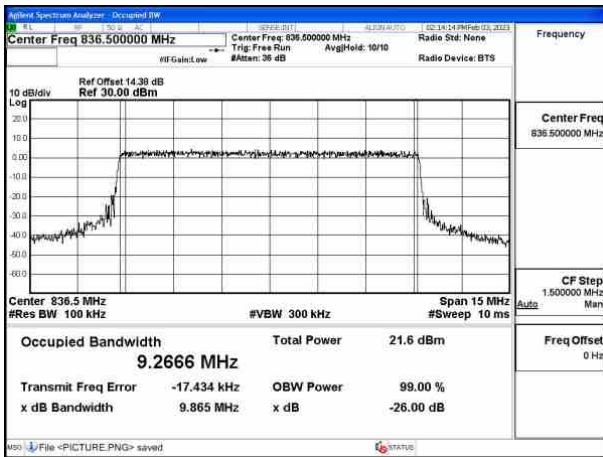


Fig.4

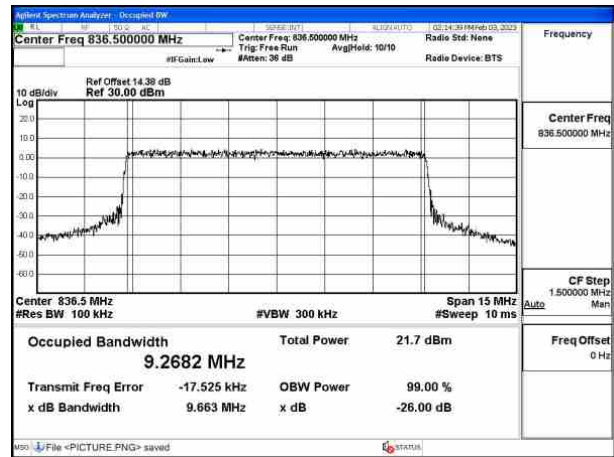


Fig.5

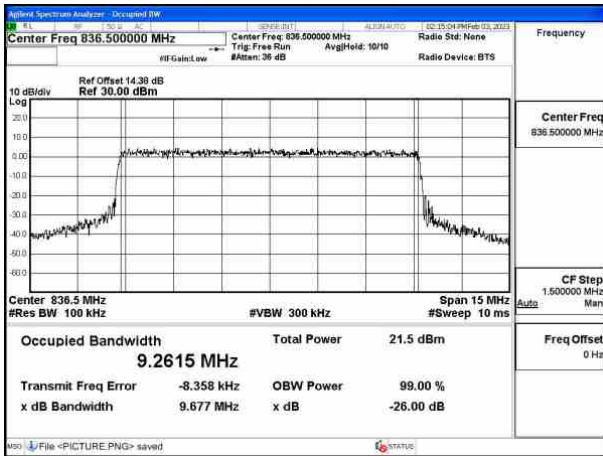


Fig.6

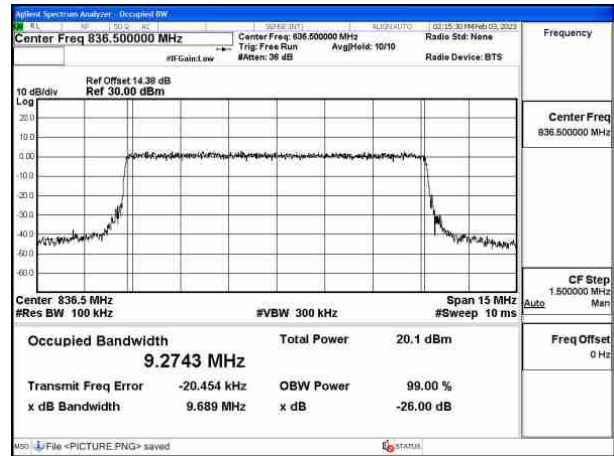


Fig.7

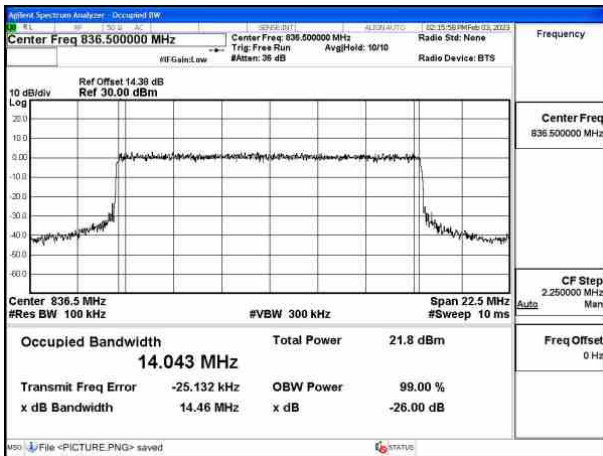


Fig.8

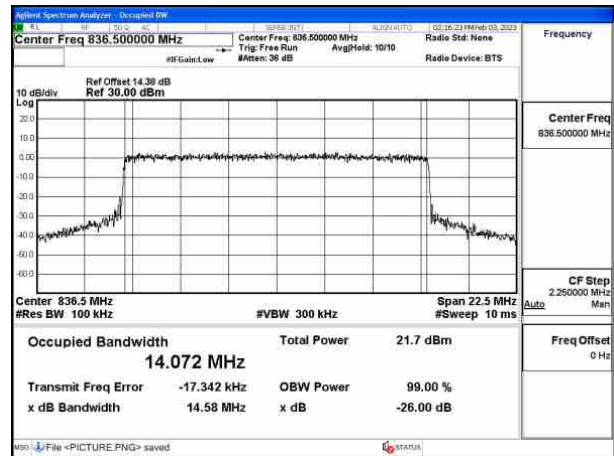


Fig.9

Fig.10

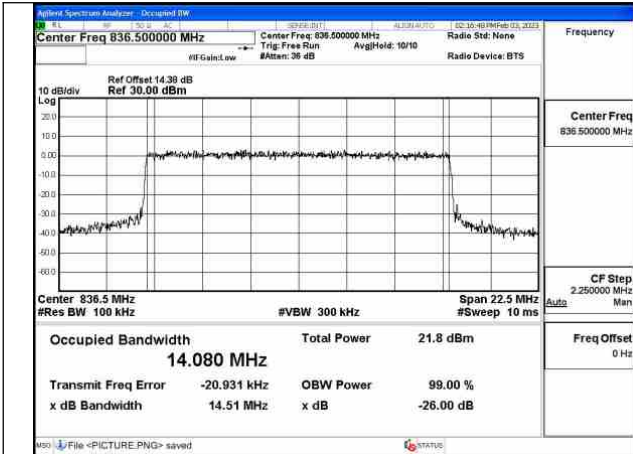


Fig.11

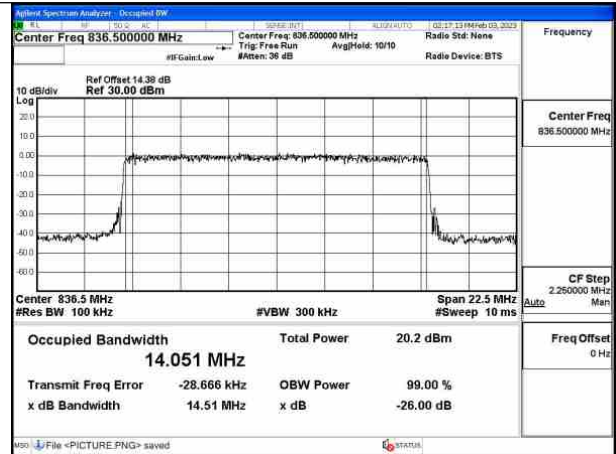


Fig.12

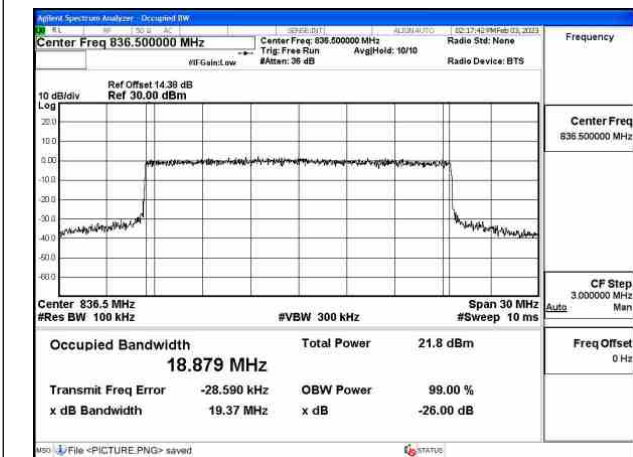


Fig.13

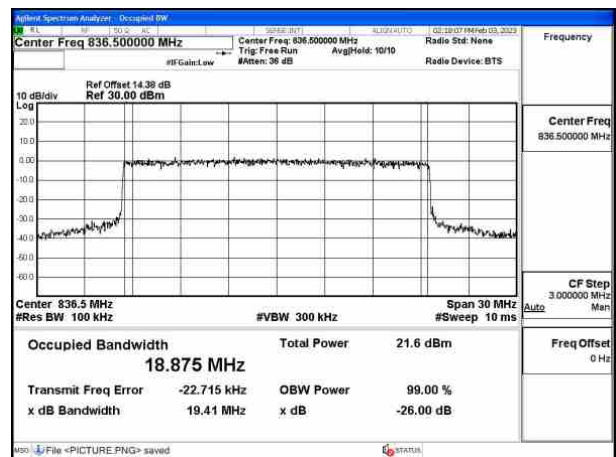


Fig.14

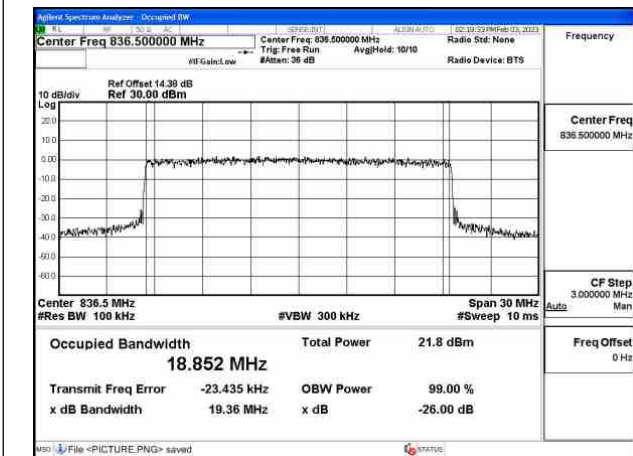


Fig.15

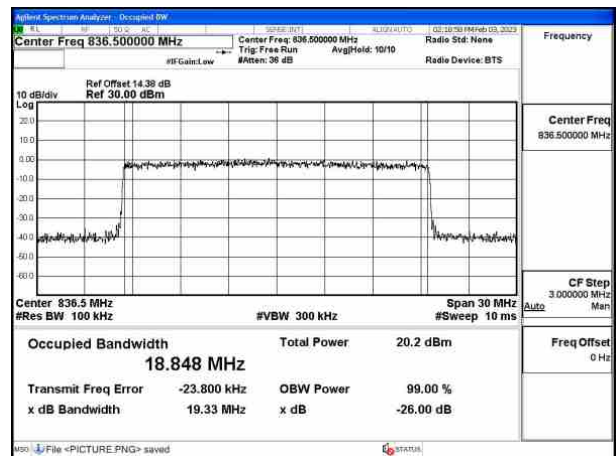


Fig.16

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	50	25	Fig.1
DFT-s-OFDM QPSK	834	166800	20	50	25	Fig.2
DFT-s-OFDM 16QAM	834	166800	20	50	25	Fig.3
DFT-s-OFDM 64QAM	834	166800	20	50	25	Fig.4
DFT-s-OFDM 256QAM	834	166800	20	50	25	Fig.5
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	50	25	Fig.6
DFT-s-OFDM QPSK	836.5	167300	20	50	25	Fig.7
DFT-s-OFDM 16QAM	836.5	167300	20	50	25	Fig.8
DFT-s-OFDM 64QAM	836.5	167300	20	50	25	Fig.9
DFT-s-OFDM 256QAM	836.5	167300	20	50	25	Fig.10
DFT-s-OFDM PI/2 BPSK	839	167800	20	50	25	Fig.11
DFT-s-OFDM QPSK	839	167800	20	50	25	Fig.12
DFT-s-OFDM 16QAM	839	167800	20	50	25	Fig.13
DFT-s-OFDM 64QAM	839	167800	20	50	25	Fig.14
DFT-s-OFDM 256QAM	839	167800	20	50	25	Fig.15

Test Plot:

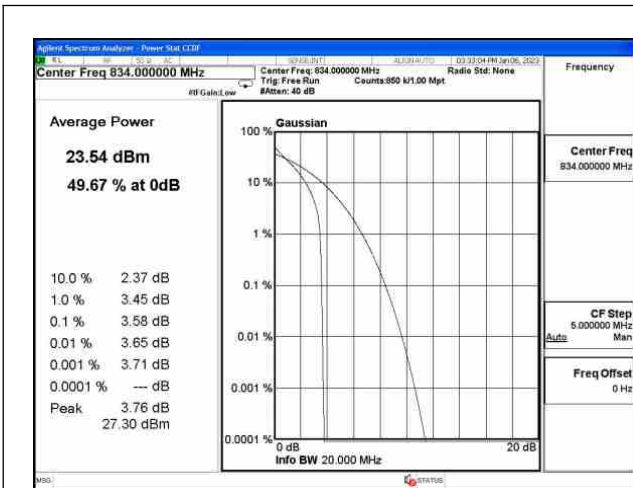


Fig.1

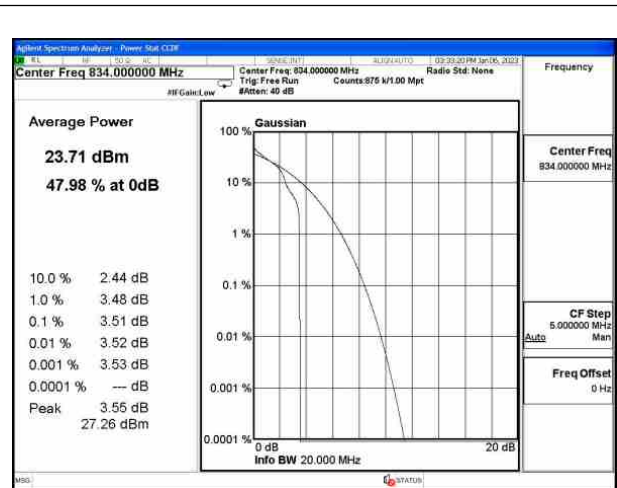


Fig.2

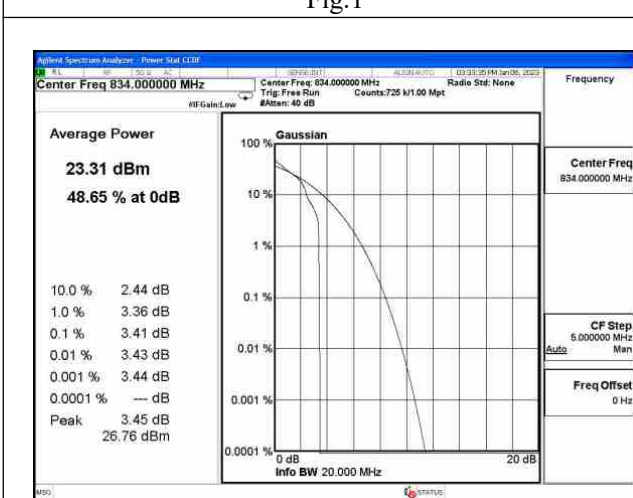


Fig.3

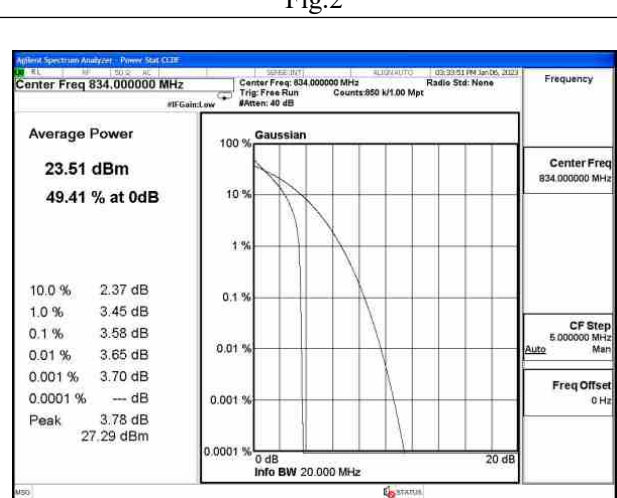


Fig.4

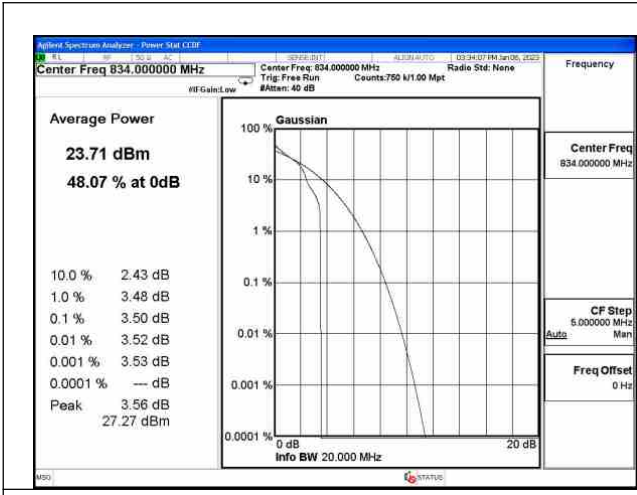


Fig.5

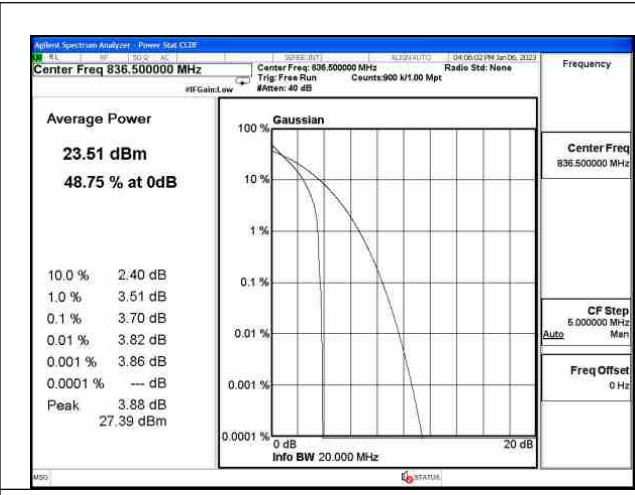


Fig.6

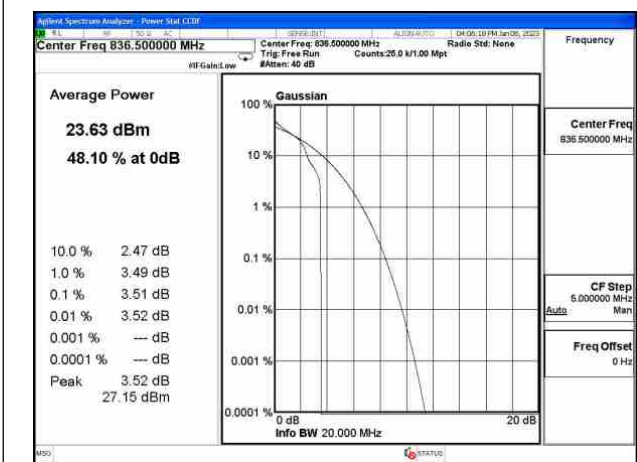


Fig.7

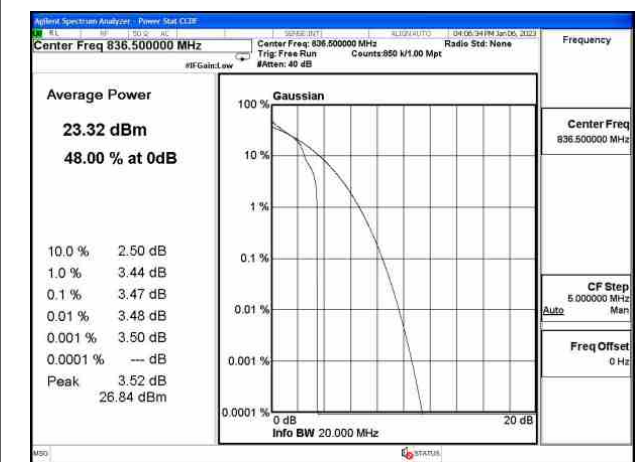


Fig.8

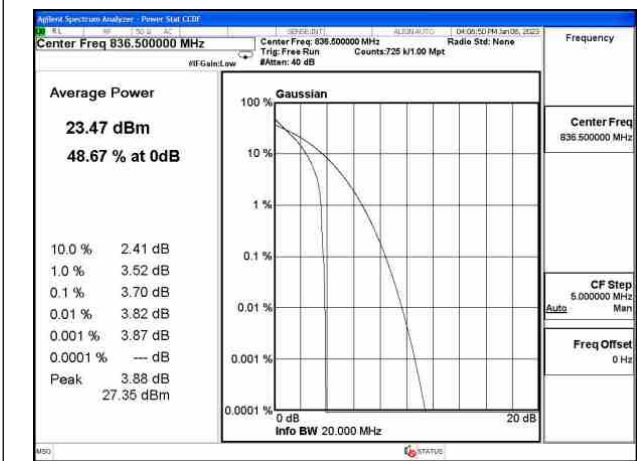


Fig.9

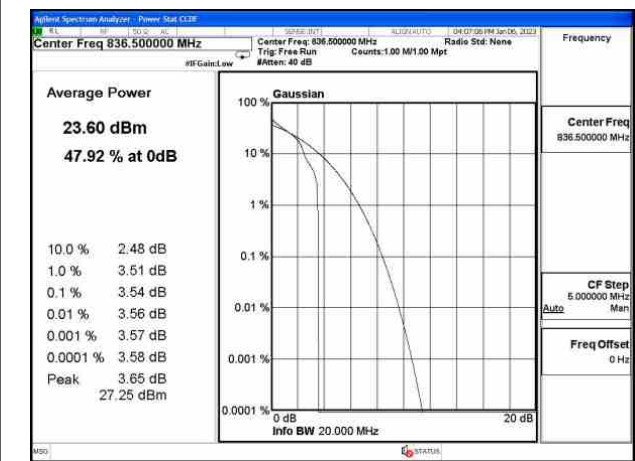


Fig.10

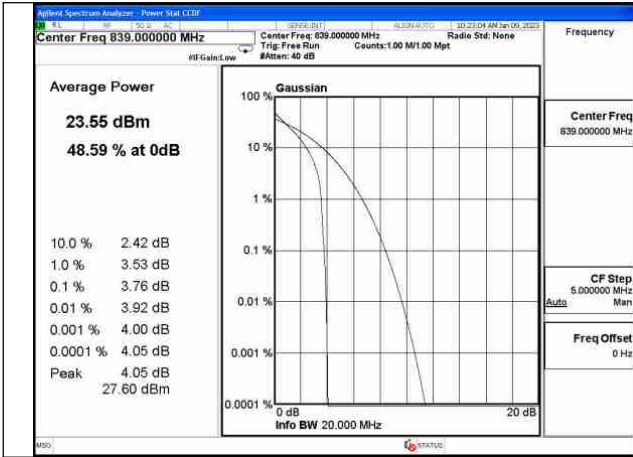


Fig.11

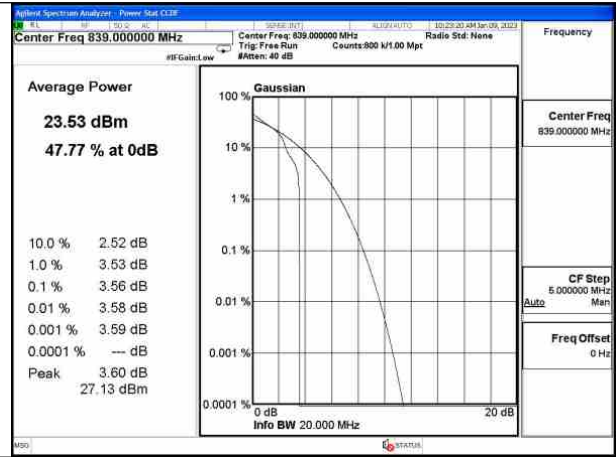


Fig.12

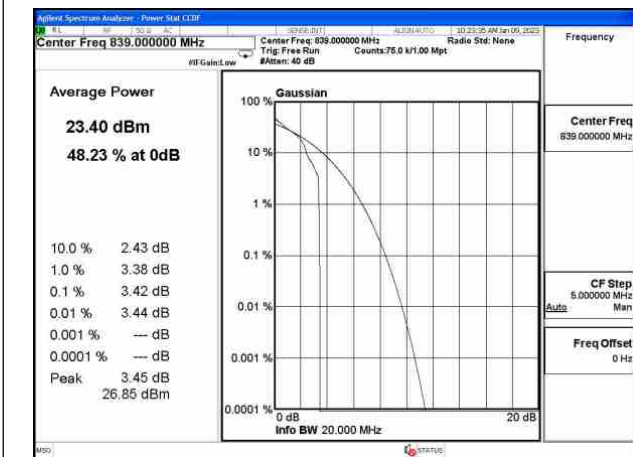


Fig.13

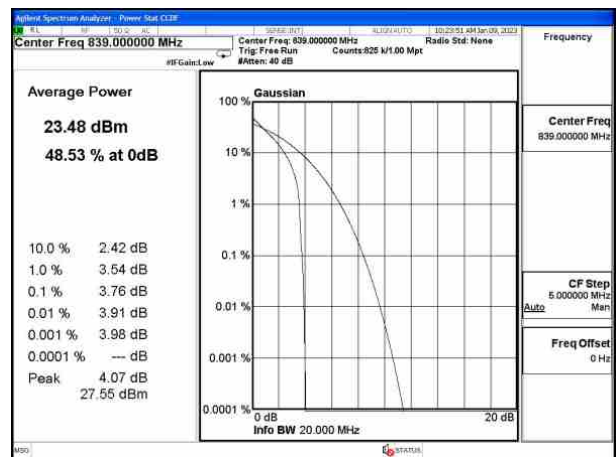


Fig.14

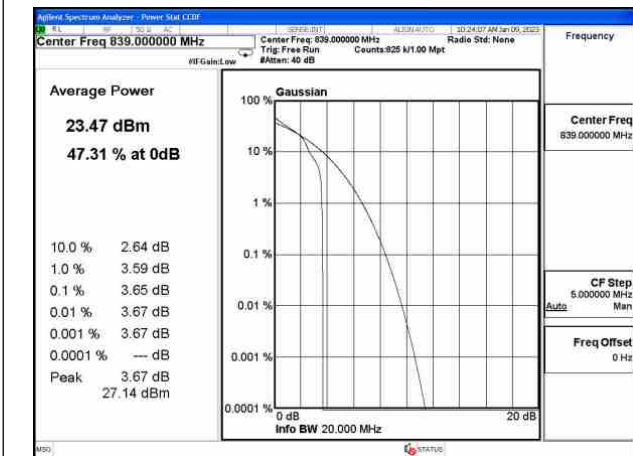


Fig.15

5 Spurious Emissions at antenna terminal

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted Spurious Plot	
						30M~1G	1G~20G
CP-OFDM QPSK	826.5	165300	5	25	0	Fig.1	Fig.2
CP-OFDM QPSK	826.5	165300	5	1	0	Fig.3	Fig.4
CP-OFDM QPSK	826.5	165300	5	1	24	Fig.5	Fig.6
CP-OFDM QPSK	836.5	167300	5	25	0	Fig.7	Fig.8
CP-OFDM QPSK	836.5	167300	5	1	0	Fig.9	Fig.10
CP-OFDM QPSK	836.5	167300	5	1	24	Fig.11	Fig.12
CP-OFDM QPSK	846.5	169300	5	25	0	Fig.13	Fig.14
CP-OFDM QPSK	846.5	169300	5	1	0	Fig.15	Fig.16
CP-OFDM QPSK	846.5	169300	5	1	24	Fig.17	Fig.18
CP-OFDM QPSK	829	165800	10	52	0	Fig.19	Fig.20
CP-OFDM QPSK	829	165800	10	1	0	Fig.21	Fig.22
CP-OFDM QPSK	829	165800	10	1	51	Fig.23	Fig.24
CP-OFDM QPSK	836.5	167300	10	52	0	Fig.25	Fig.26
CP-OFDM QPSK	836.5	167300	10	1	0	Fig.27	Fig.28
CP-OFDM QPSK	836.5	167300	10	1	51	Fig.29	Fig.30
CP-OFDM QPSK	844	168800	10	52	0	Fig.31	Fig.32
CP-OFDM QPSK	844	168800	10	1	0	Fig.33	Fig.34
CP-OFDM QPSK	844	168800	10	1	51	Fig.35	Fig.36
CP-OFDM QPSK	831.5	166300	15	79	0	Fig.37	Fig.38
CP-OFDM QPSK	831.5	166300	15	1	0	Fig.39	Fig.40
CP-OFDM QPSK	831.5	166300	15	1	78	Fig.41	Fig.42
CP-OFDM QPSK	836.5	167300	15	79	0	Fig.43	Fig.44
CP-OFDM QPSK	836.5	167300	15	1	0	Fig.45	Fig.46
CP-OFDM QPSK	836.5	167300	15	1	78	Fig.47	Fig.48
CP-OFDM QPSK	841.5	168300	15	79	0	Fig.49	Fig.50
CP-OFDM QPSK	841.5	168300	15	1	0	Fig.51	Fig.52
CP-OFDM QPSK	841.5	168300	15	1	78	Fig.53	Fig.54
CP-OFDM QPSK	834	166800	20	106	0	Fig.55	Fig.56
CP-OFDM QPSK	834	166800	20	1	0	Fig.57	Fig.58
CP-OFDM QPSK	834	166800	20	1	105	Fig.59	Fig.60
CP-OFDM QPSK	836.5	167300	20	106	0	Fig.61	Fig.62
CP-OFDM QPSK	836.5	167300	20	1	0	Fig.63	Fig.64
CP-OFDM QPSK	836.5	167300	20	1	105	Fig.65	Fig.66
CP-OFDM QPSK	839	167800	20	106	0	Fig.67	Fig.68
CP-OFDM QPSK	839	167800	20	1	0	Fig.69	Fig.70
CP-OFDM QPSK	839	167800	20	1	105	Fig.71	Fig.72

Test Plot:

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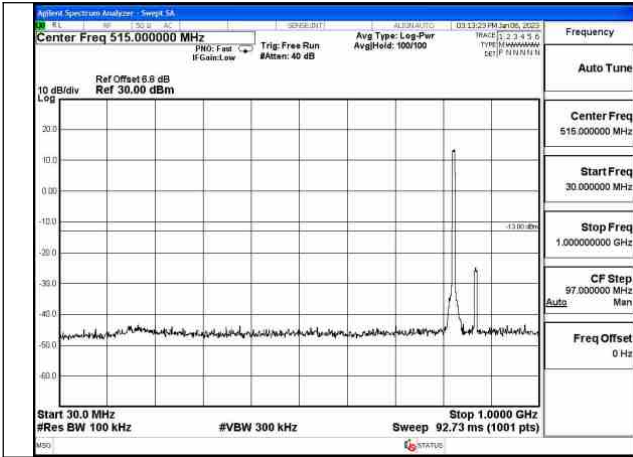


Fig.1

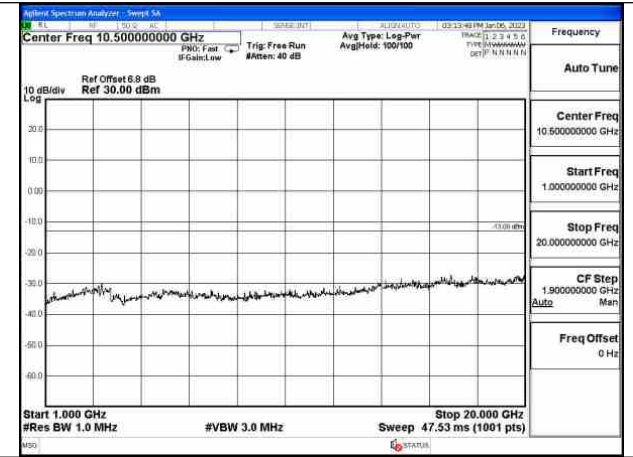


Fig.2

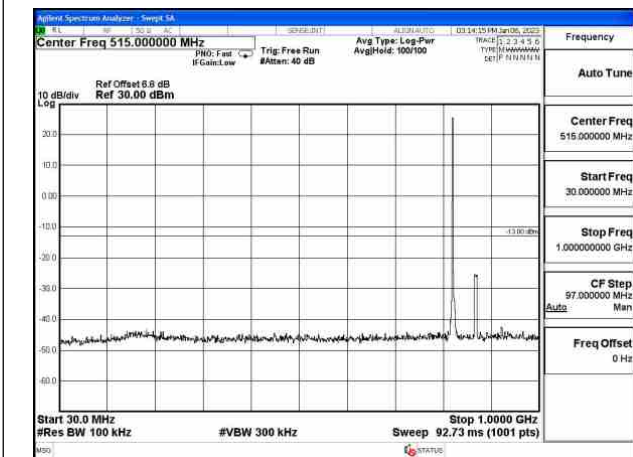


Fig.3

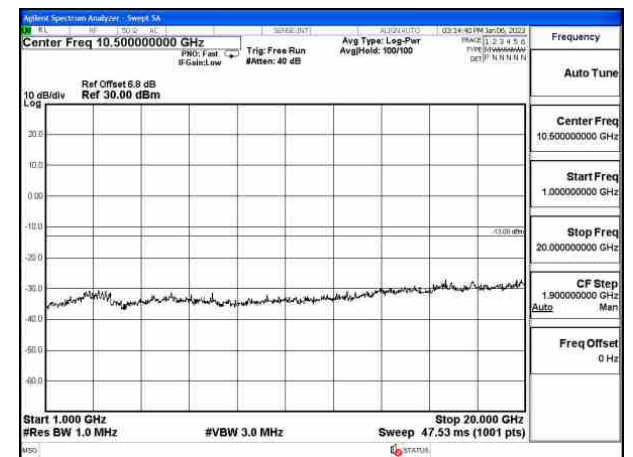


Fig.4

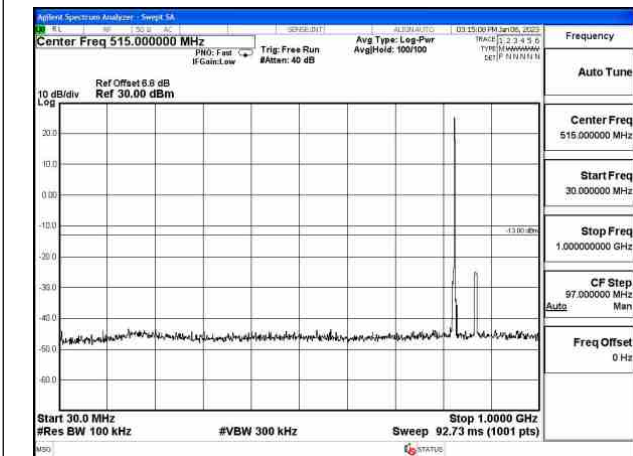


Fig.5

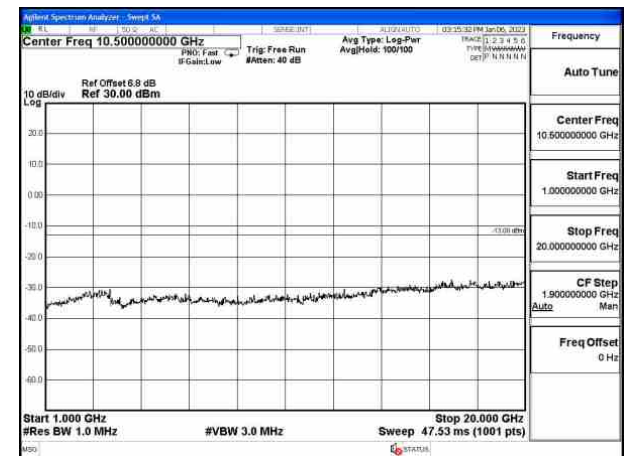


Fig.6

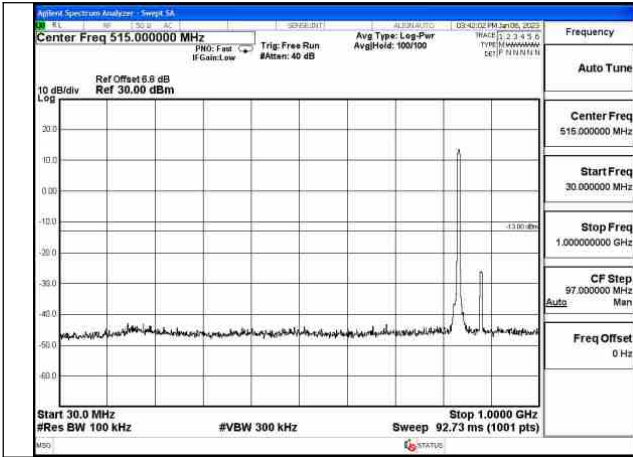


Fig.7

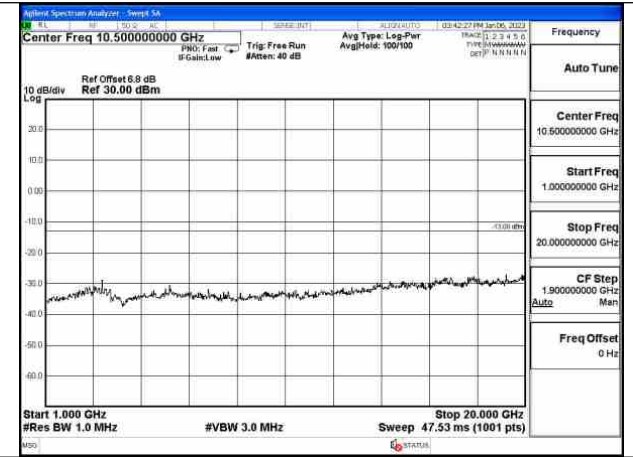


Fig.8



Fig.9



Fig.10

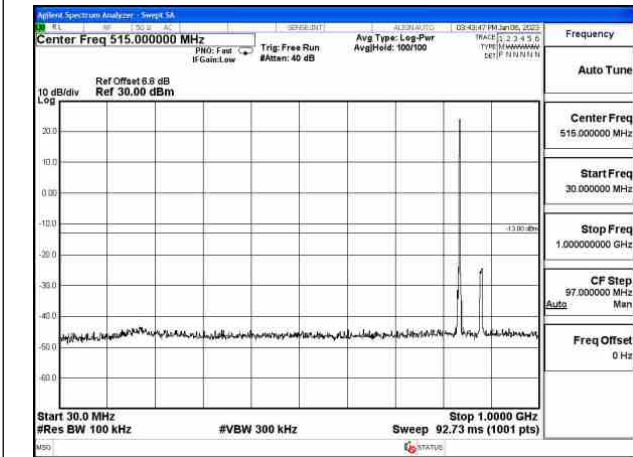


Fig.11

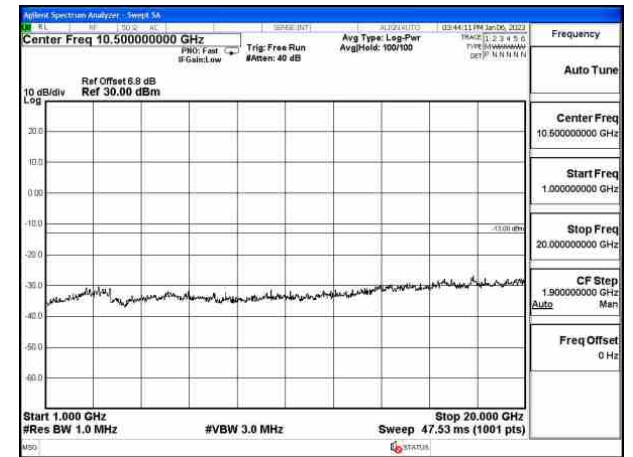


Fig.12

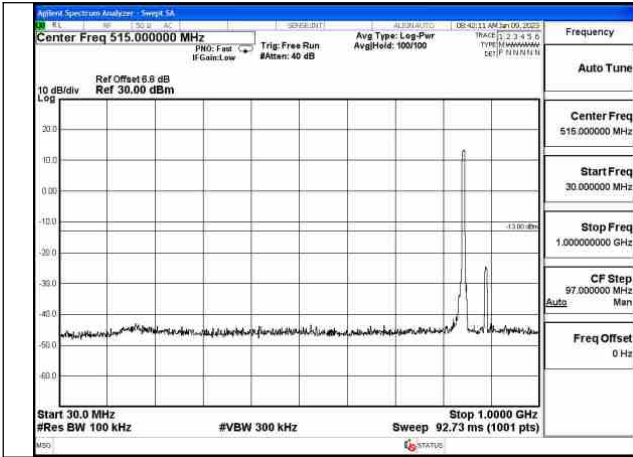


Fig. 13

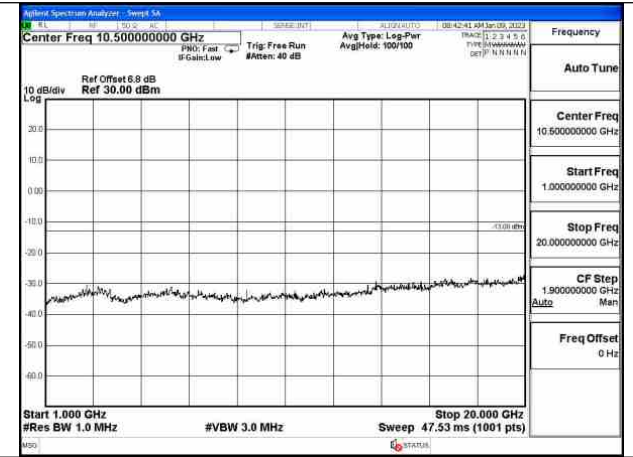


Fig. 14

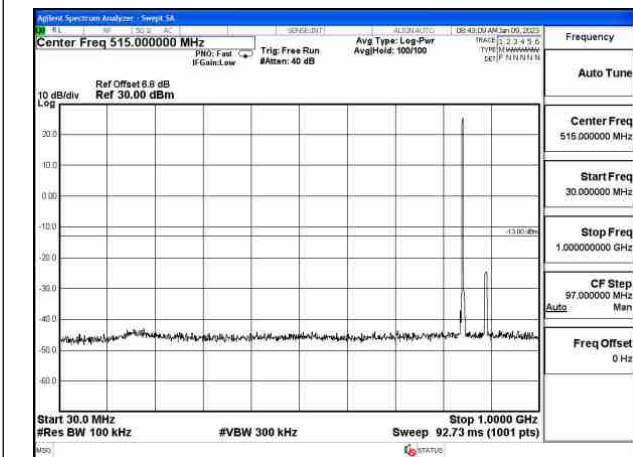


Fig. 15

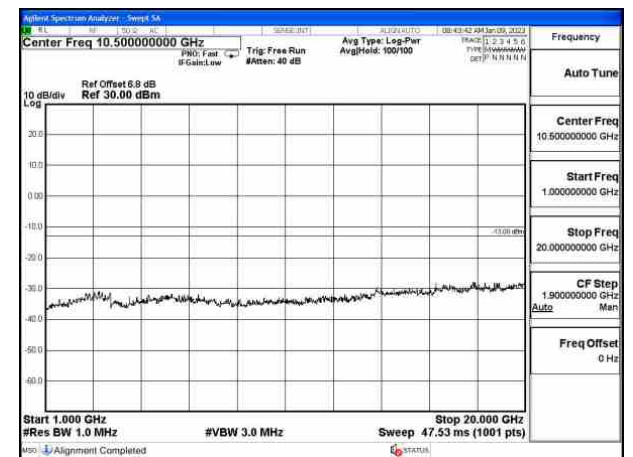


Fig. 16

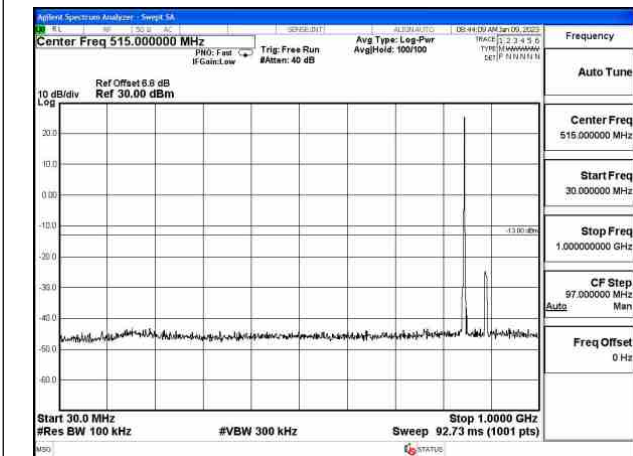


Fig. 17

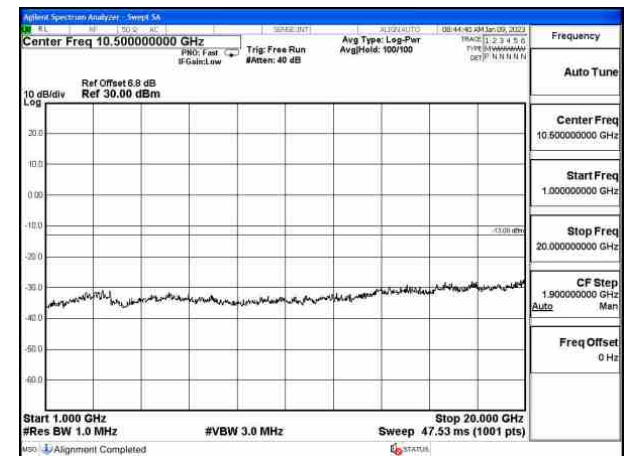


Fig. 18

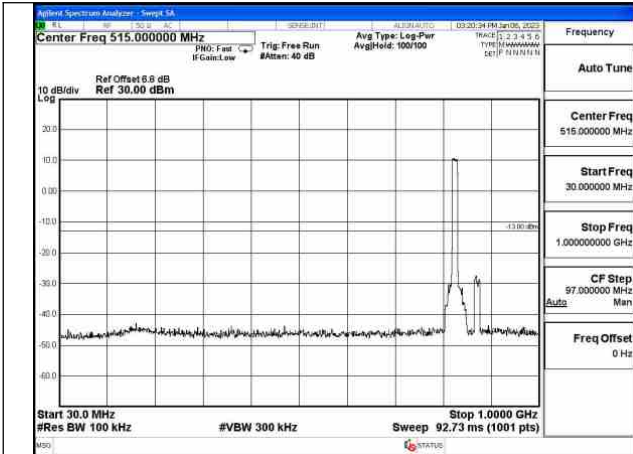


Fig.19

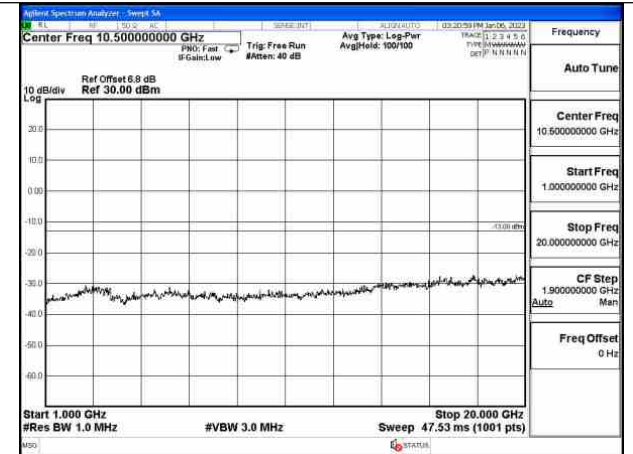


Fig.20

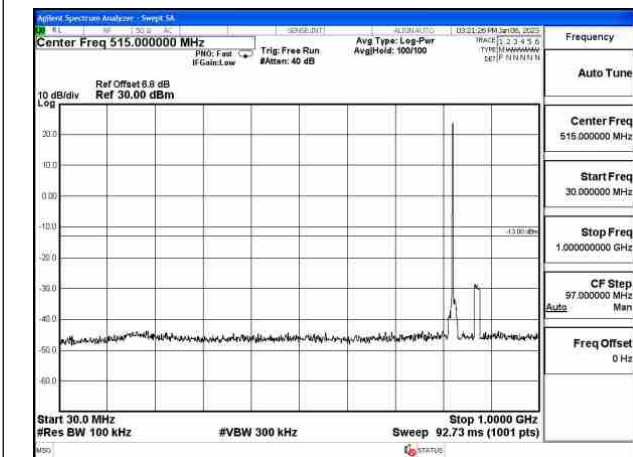


Fig.21

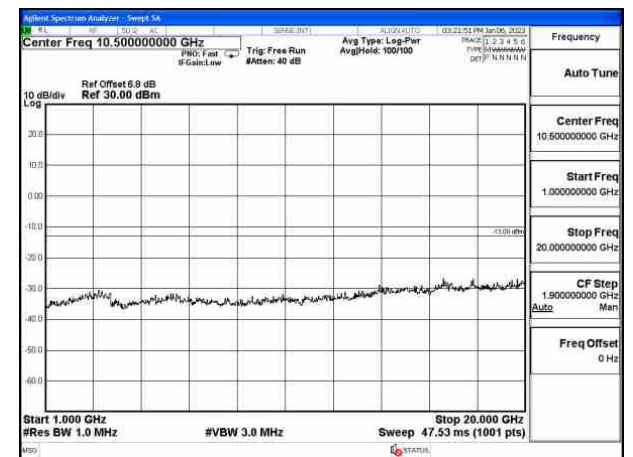


Fig.22

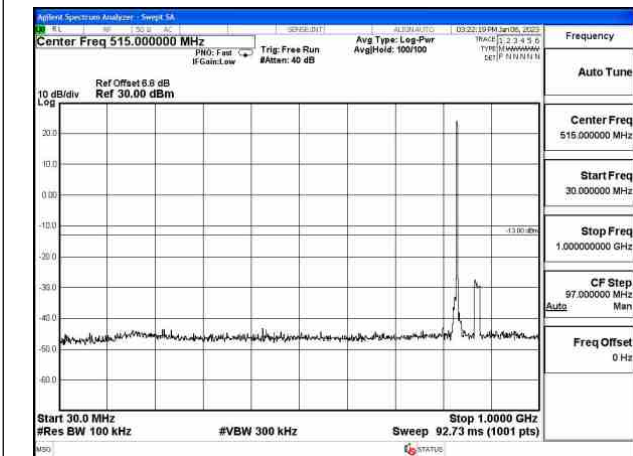


Fig.23



Fig.24

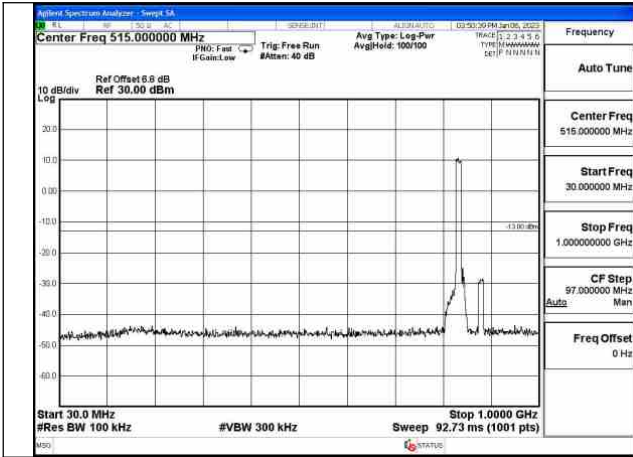


Fig.25

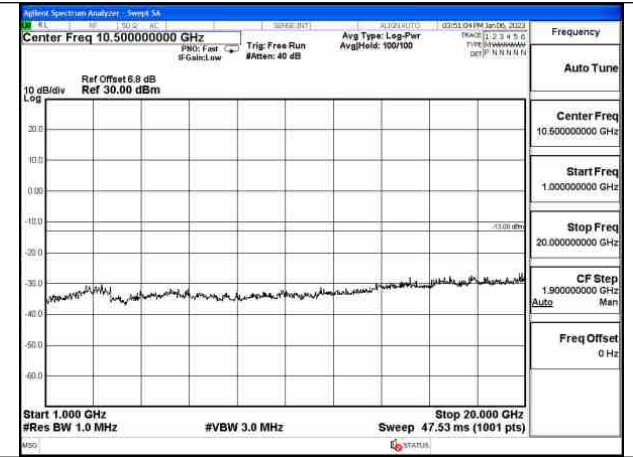


Fig.26

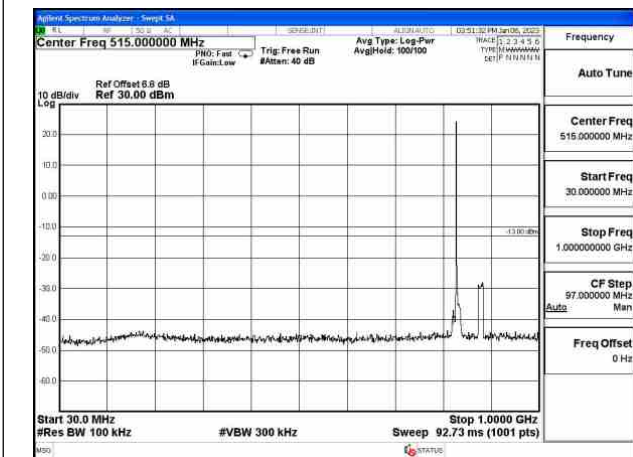


Fig.27

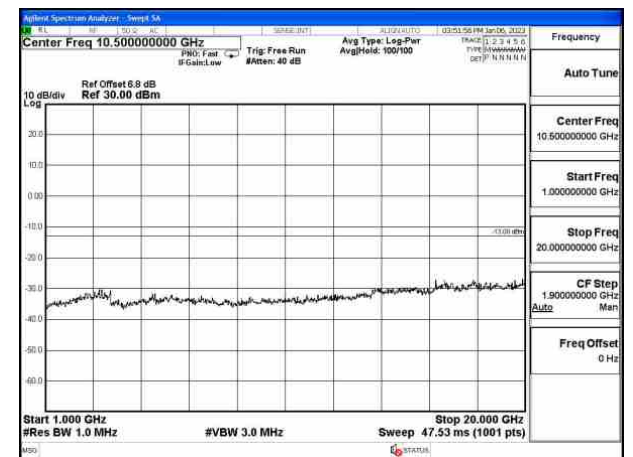


Fig.28

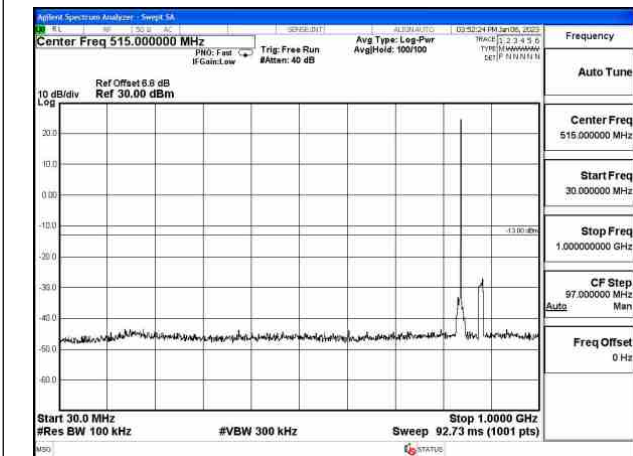


Fig.29

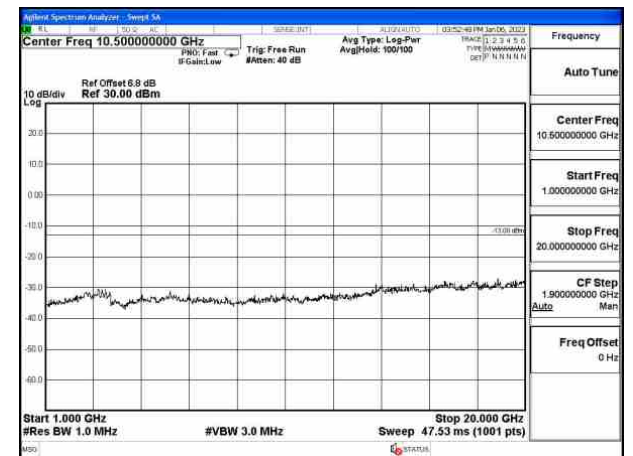


Fig.30

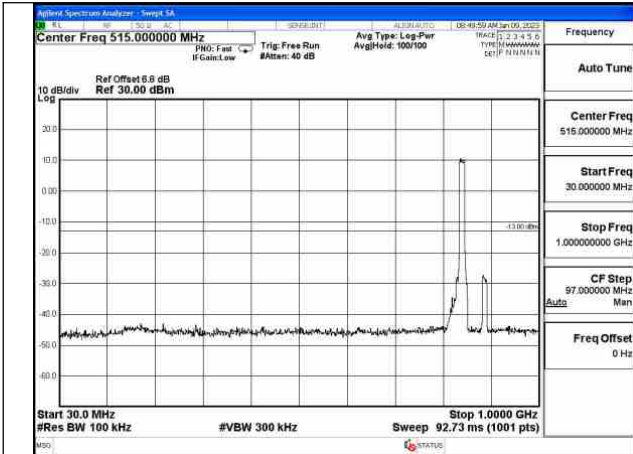


Fig.31

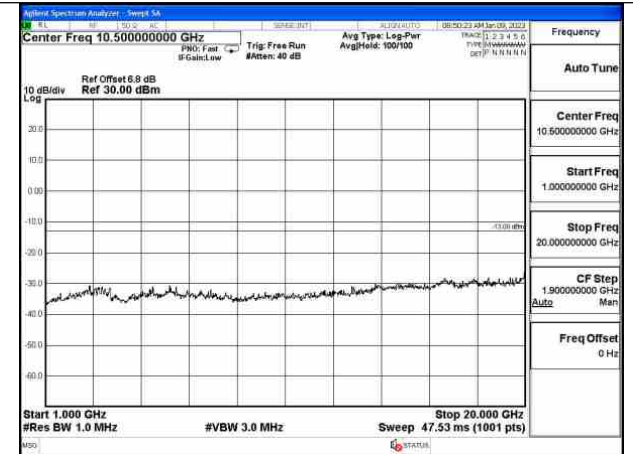


Fig.32

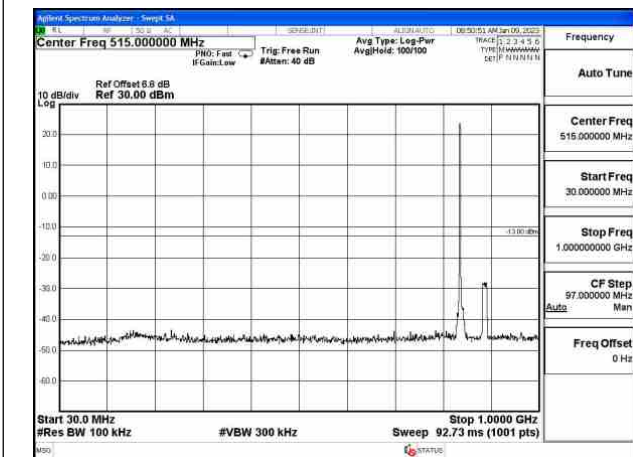


Fig.33

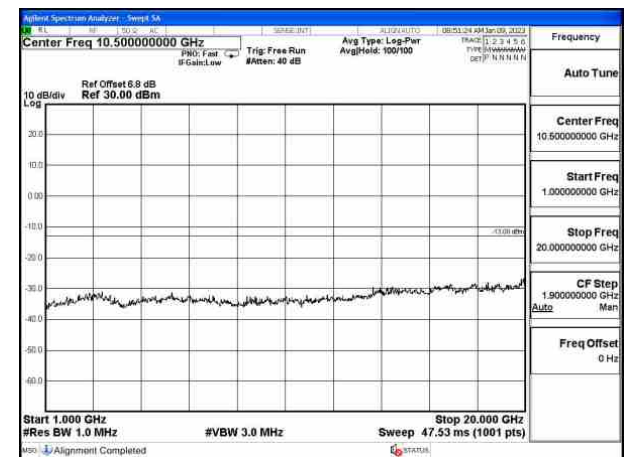


Fig.34

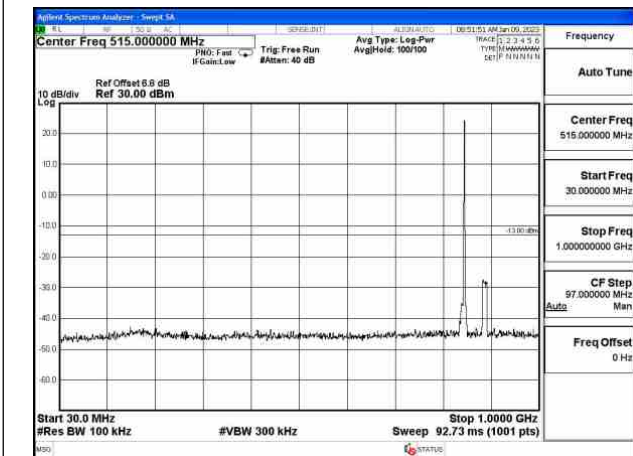


Fig.35

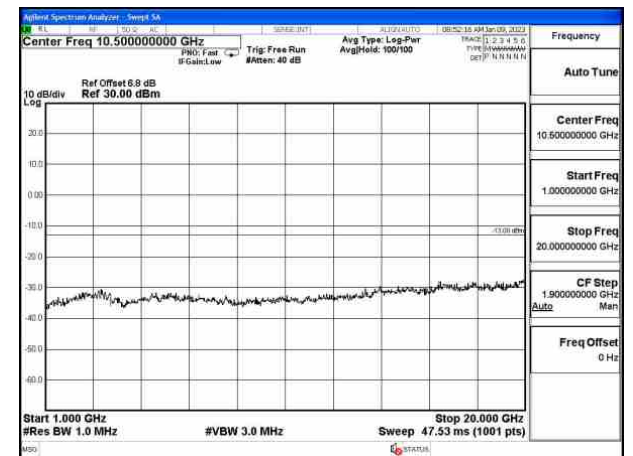


Fig.36

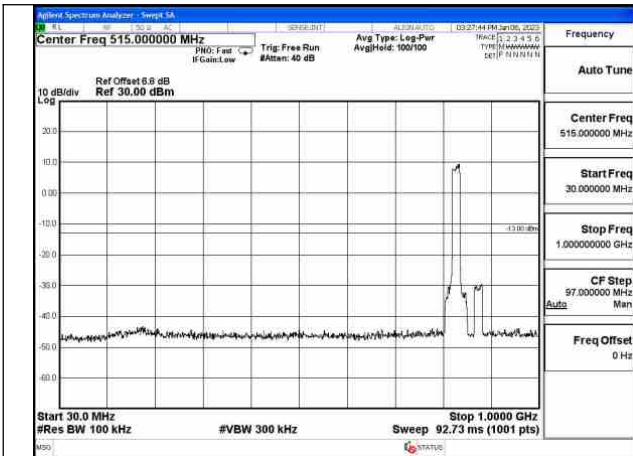


Fig.37



Fig.38

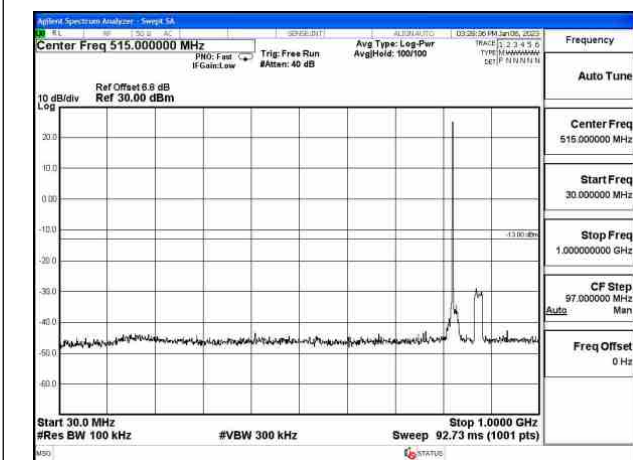


Fig.39

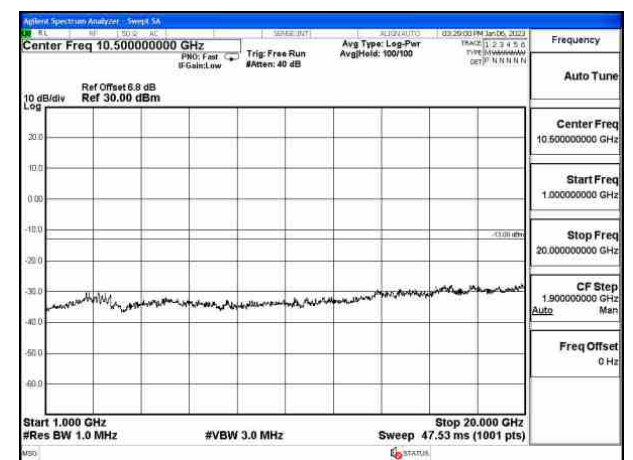


Fig.40

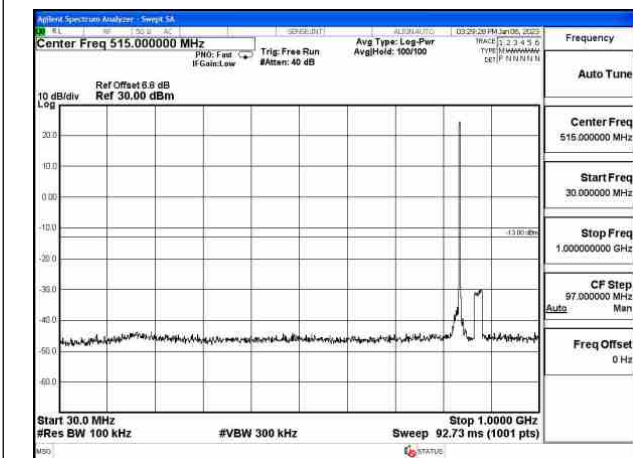


Fig.41

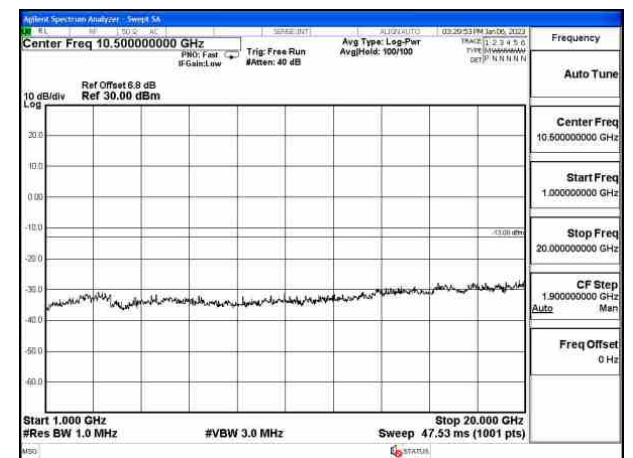


Fig.42

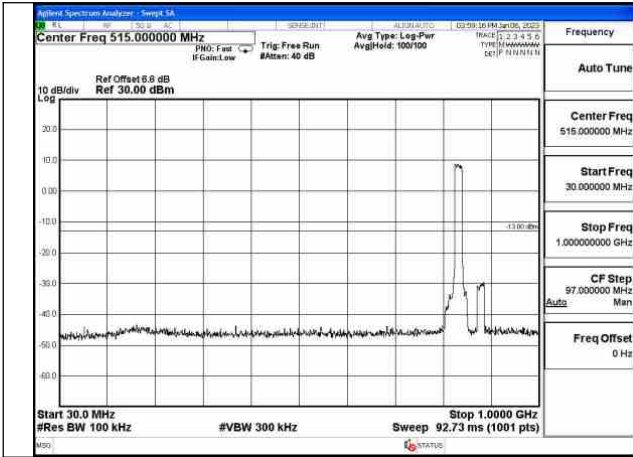


Fig.43

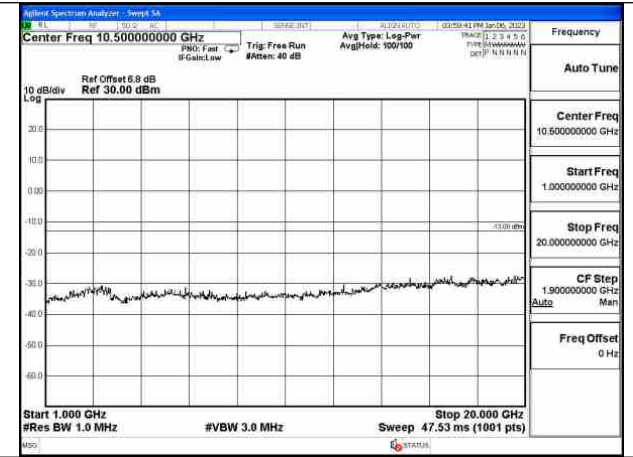


Fig.44

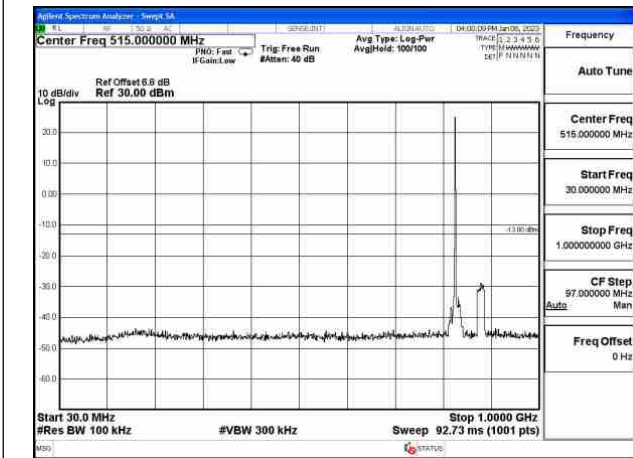


Fig.45

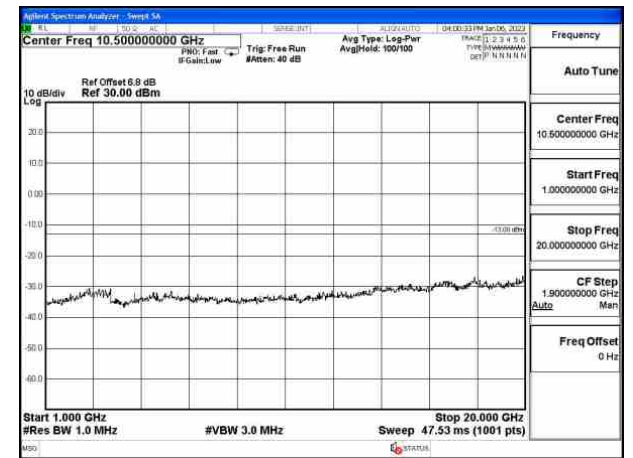


Fig.46

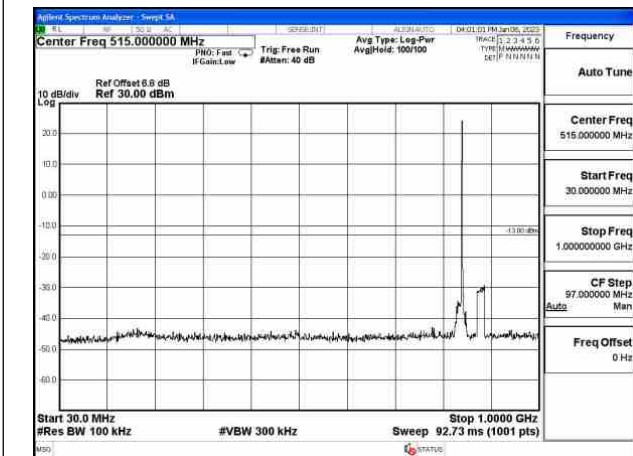


Fig.47

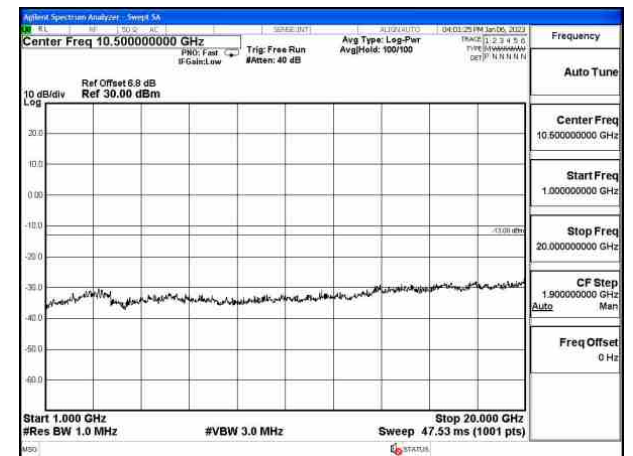


Fig.48

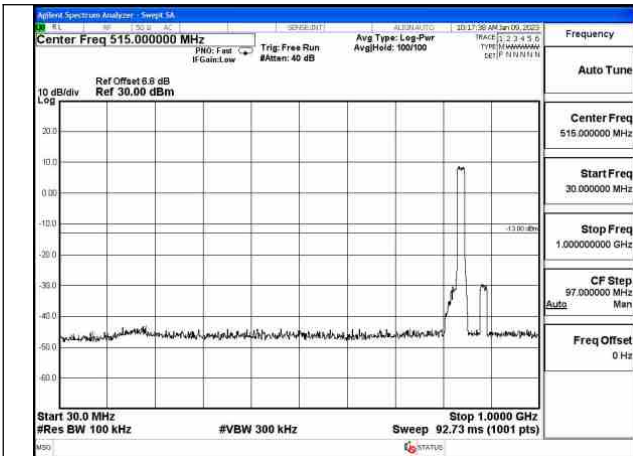


Fig.49

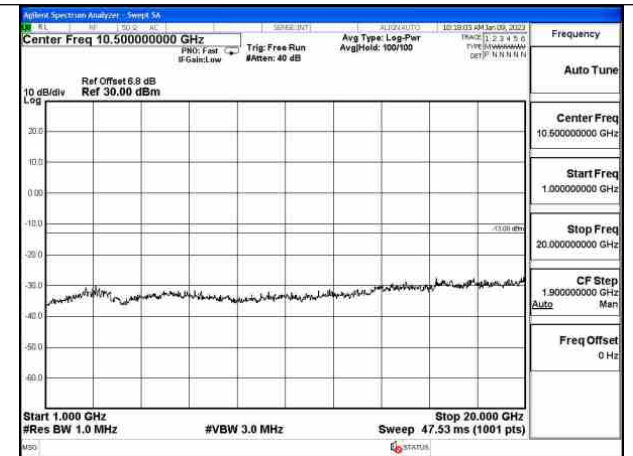


Fig.50

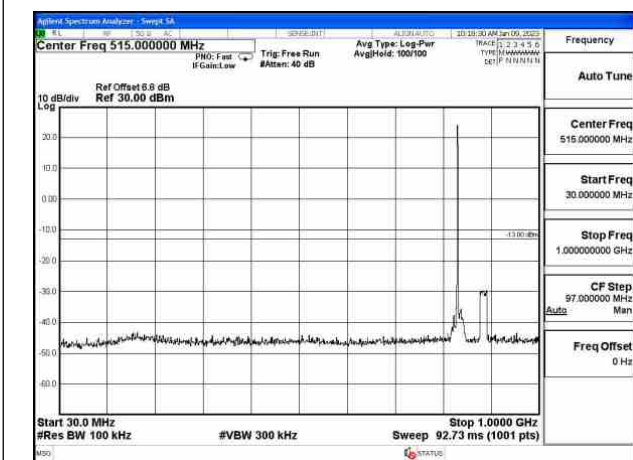


Fig.51

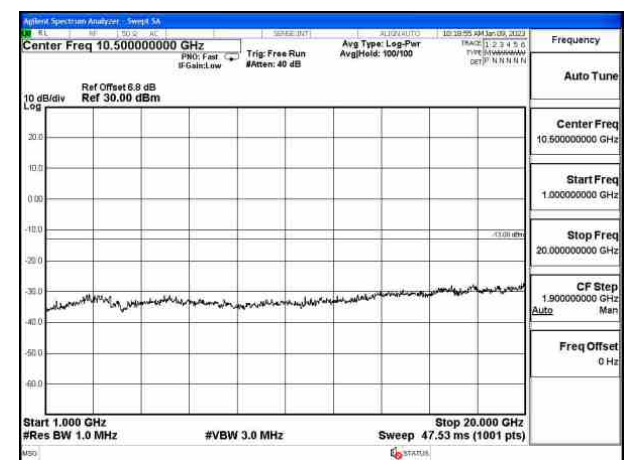


Fig.52

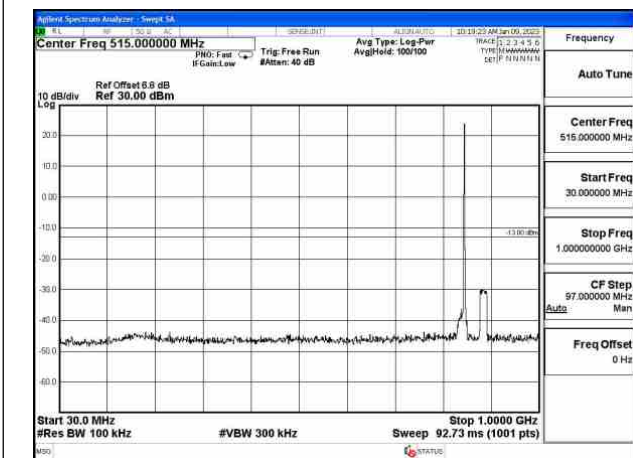


Fig.53

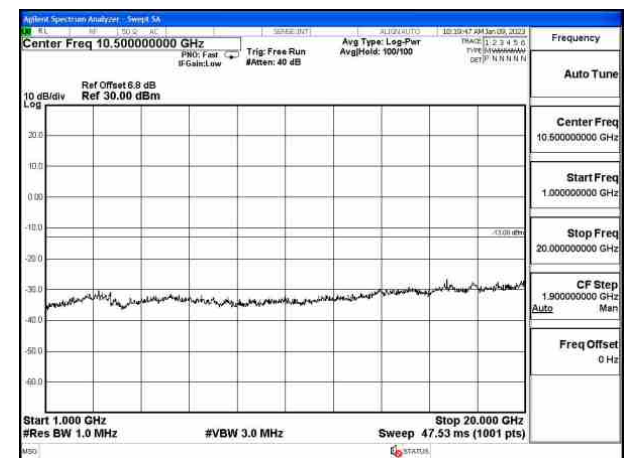


Fig.54

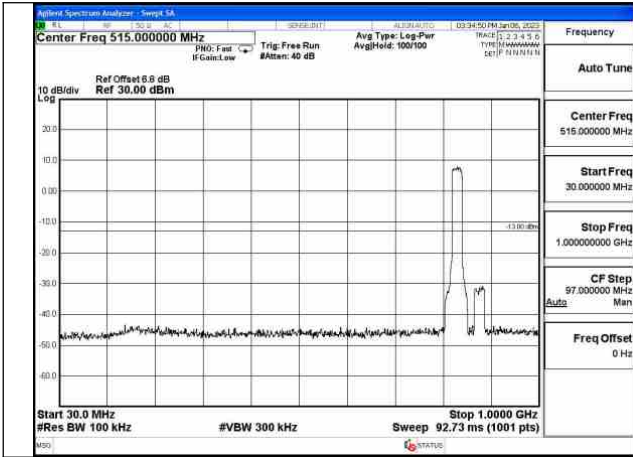


Fig.55

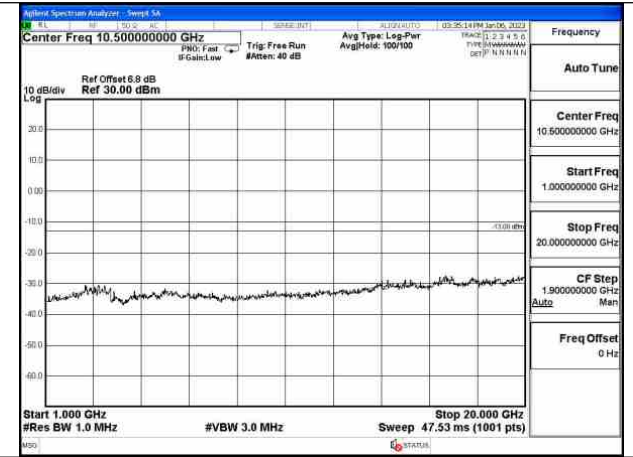


Fig.56

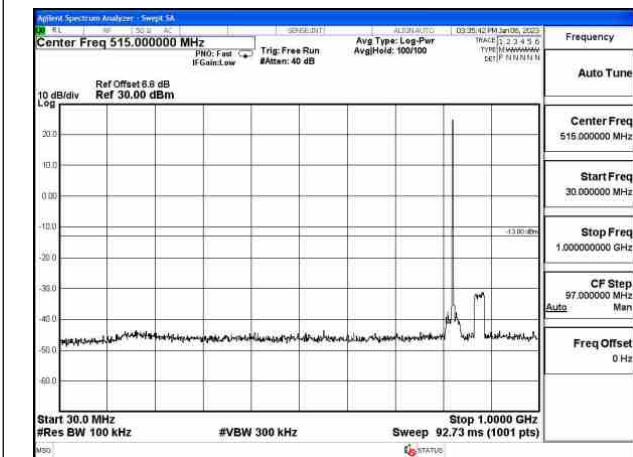


Fig.57

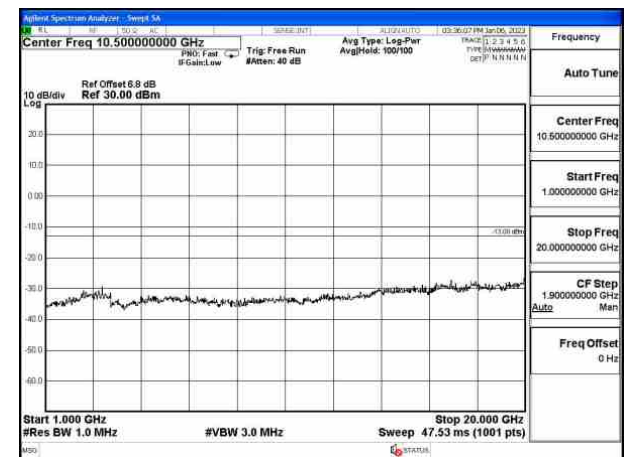


Fig.58

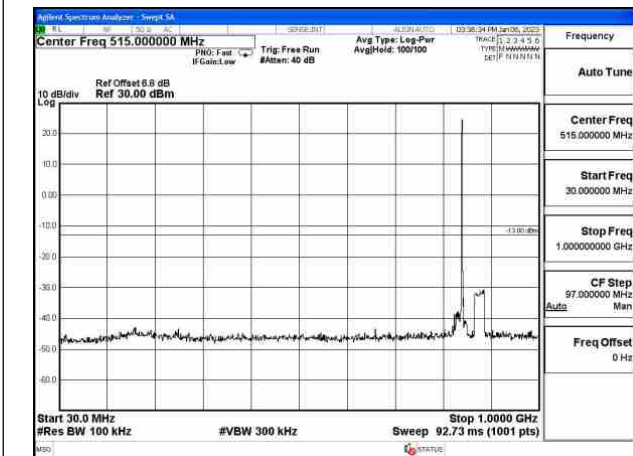


Fig.59

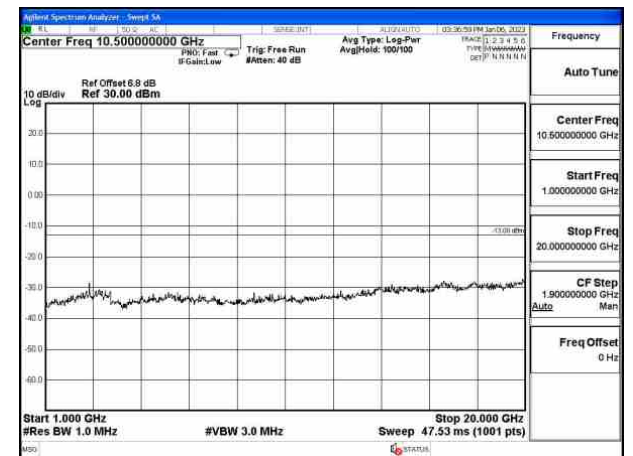


Fig.60

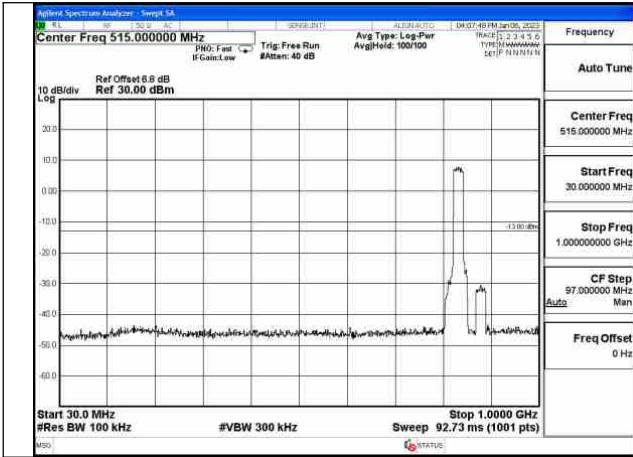


Fig.61

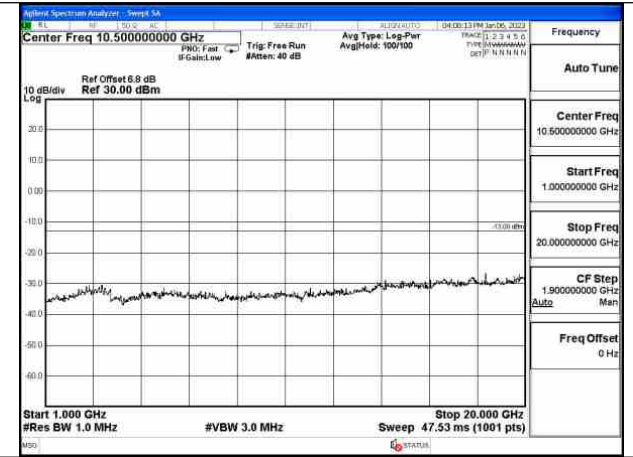


Fig.62

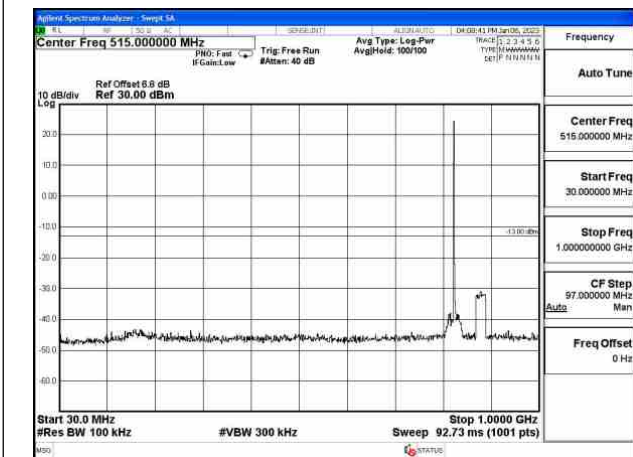


Fig.63

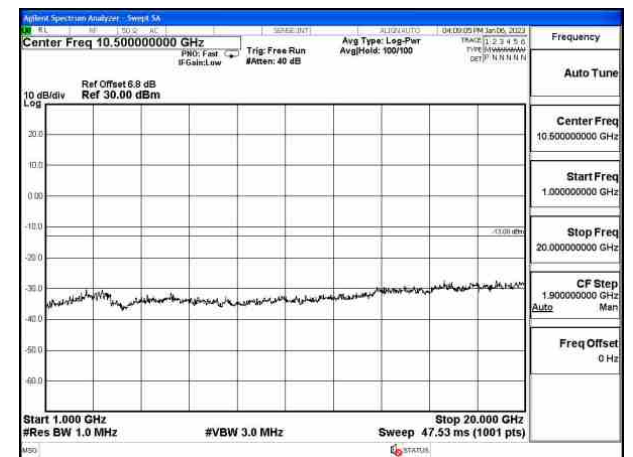


Fig.64

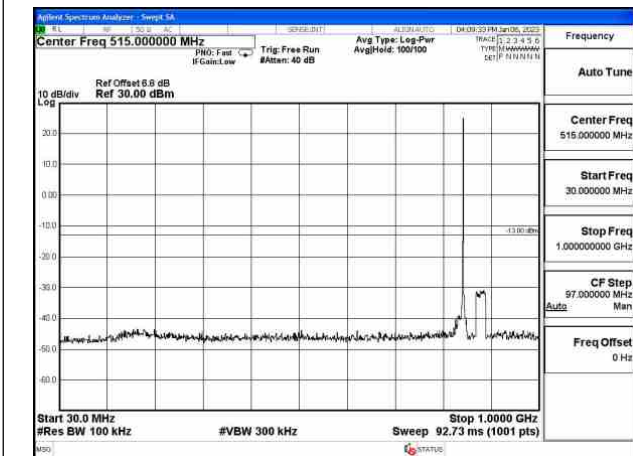


Fig.65

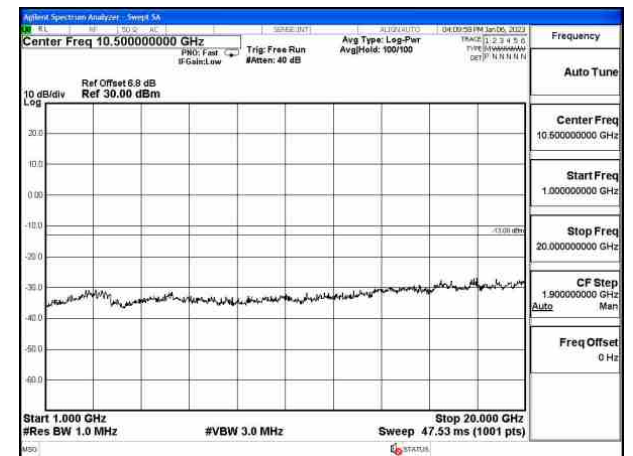


Fig.66

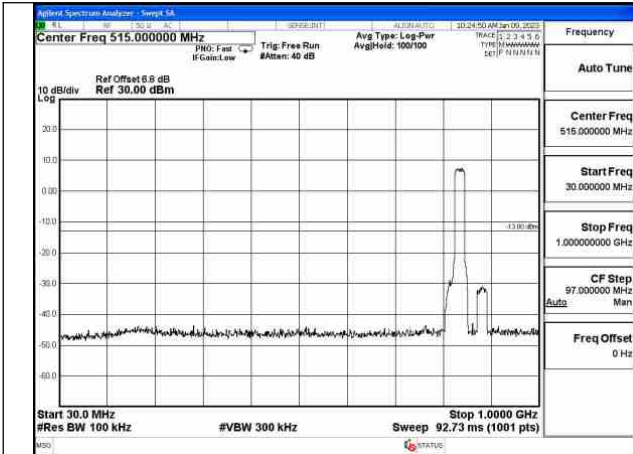


Fig.67

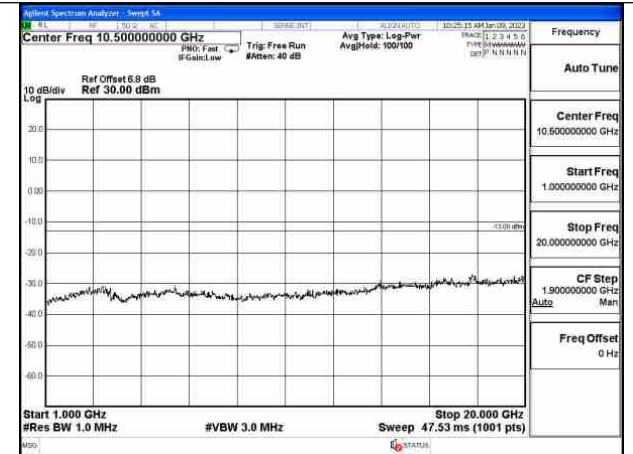


Fig.68

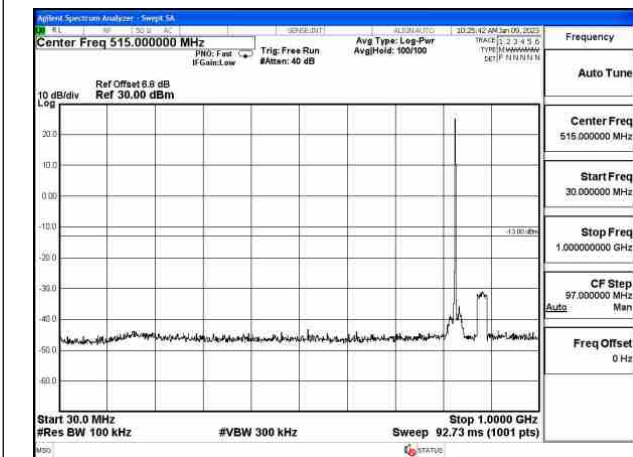


Fig.69

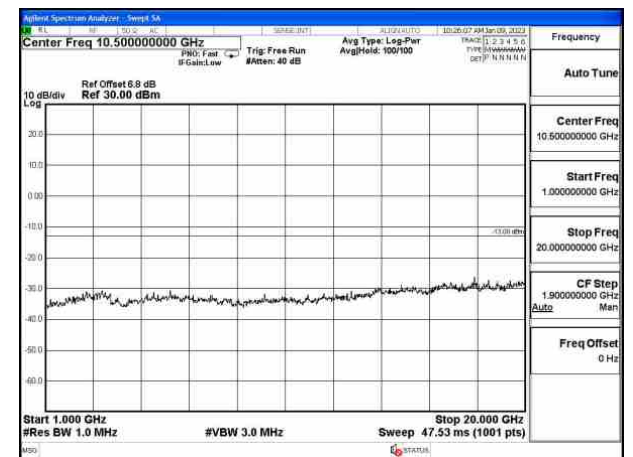


Fig.70



Fig.71

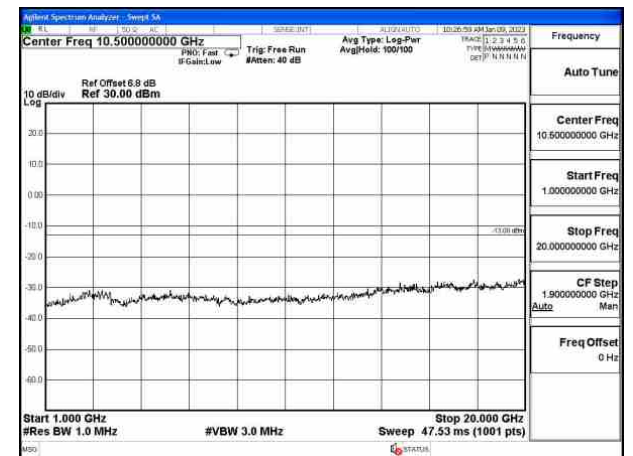


Fig.72

6 Band Edges Compliance

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Band Edges Plot
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	12	6	Fig.1
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	1	Fig.2
DFT-s-OFDM QPSK	826.5	165300	5	12	6	Fig.3
DFT-s-OFDM QPSK	826.5	165300	5	1	1	Fig.4
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	12	6	Fig.5
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	23	Fig.6
DFT-s-OFDM QPSK	846.5	169300	5	12	6	Fig.7
DFT-s-OFDM QPSK	846.5	169300	5	1	23	Fig.8
DFT-s-OFDM PI/2 BPSK	829	165800	10	25	12	Fig.9
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	1	Fig.10
DFT-s-OFDM QPSK	829	165800	10	25	12	Fig.11
DFT-s-OFDM QPSK	829	165800	10	1	1	Fig.12
DFT-s-OFDM PI/2 BPSK	844	168800	10	25	12	Fig.13
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	50	Fig.14
DFT-s-OFDM QPSK	844	168800	10	25	12	Fig.15
DFT-s-OFDM QPSK	844	168800	10	1	50	Fig.16
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	36	18	Fig.17
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	1	Fig.18
DFT-s-OFDM QPSK	831.5	166300	15	36	18	Fig.19
DFT-s-OFDM QPSK	831.5	166300	15	1	1	Fig.20
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	36	18	Fig.21
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	77	Fig.22
DFT-s-OFDM QPSK	841.5	168300	15	36	18	Fig.23
DFT-s-OFDM QPSK	841.5	168300	15	1	77	Fig.24
DFT-s-OFDM PI/2 BPSK	834	166800	20	50	25	Fig.25
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	1	Fig.26
DFT-s-OFDM QPSK	834	166800	20	50	25	Fig.27
DFT-s-OFDM QPSK	834	166800	20	1	1	Fig.28
DFT-s-OFDM PI/2 BPSK	839	167800	20	50	25	Fig.29
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	104	Fig.30
DFT-s-OFDM QPSK	839	167800	20	50	25	Fig.31
DFT-s-OFDM QPSK	839	167800	20	1	104	Fig.32

Test Plot:

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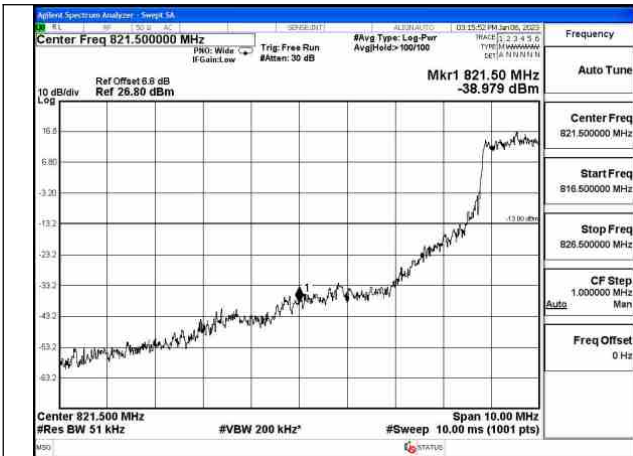


Fig.1

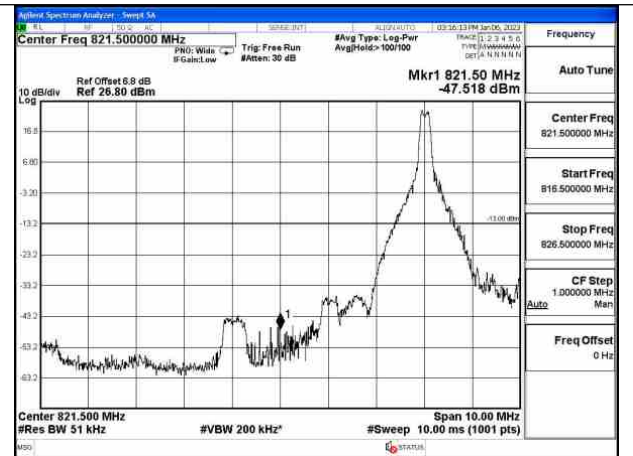


Fig.2

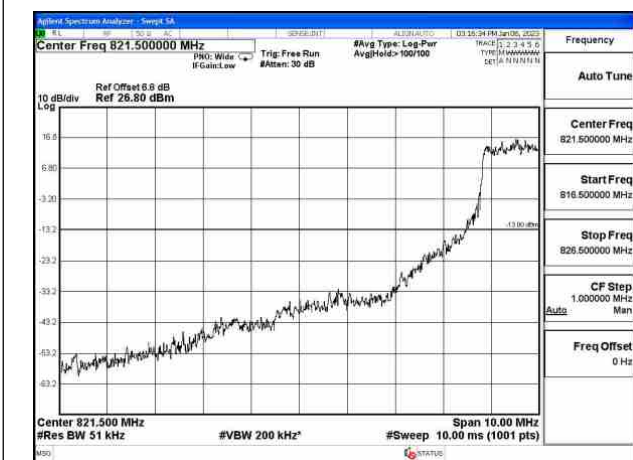


Fig.3

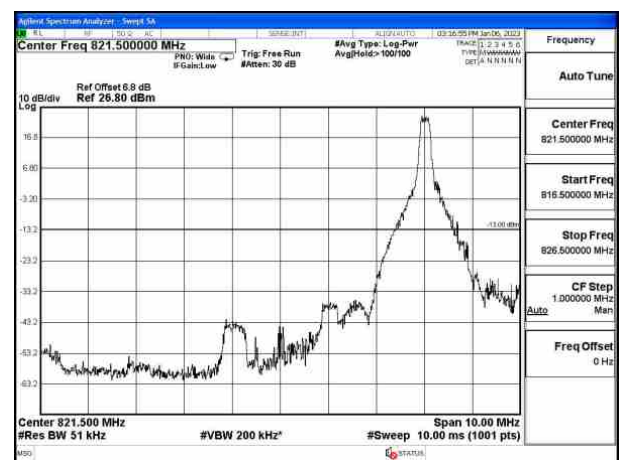


Fig.4

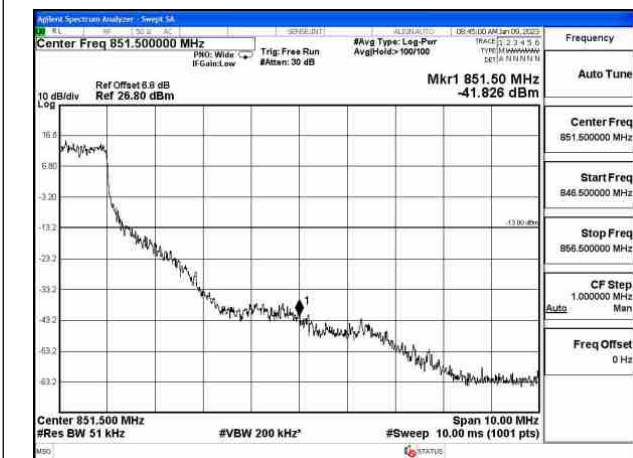


Fig.5

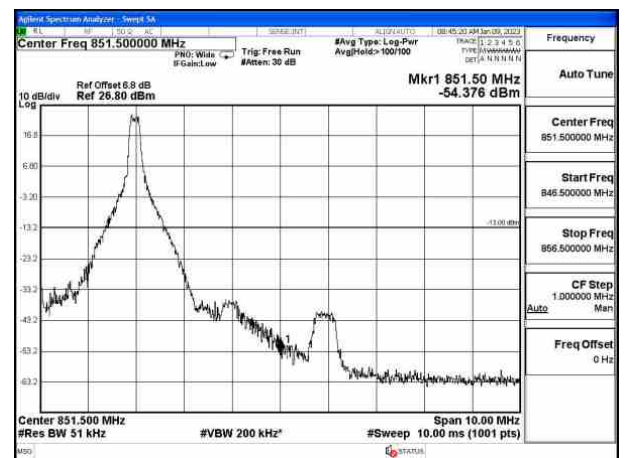


Fig.6

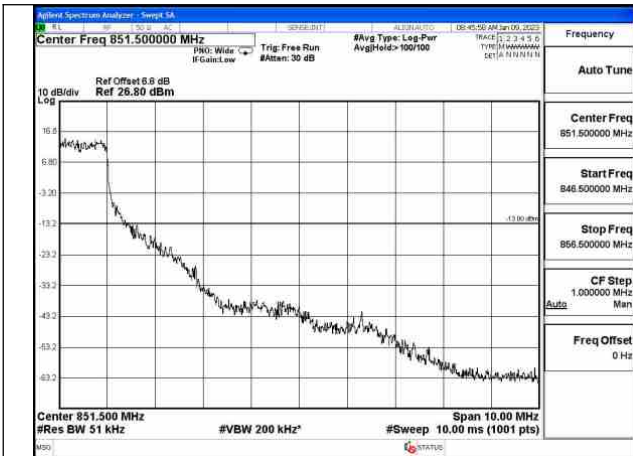


Fig.7

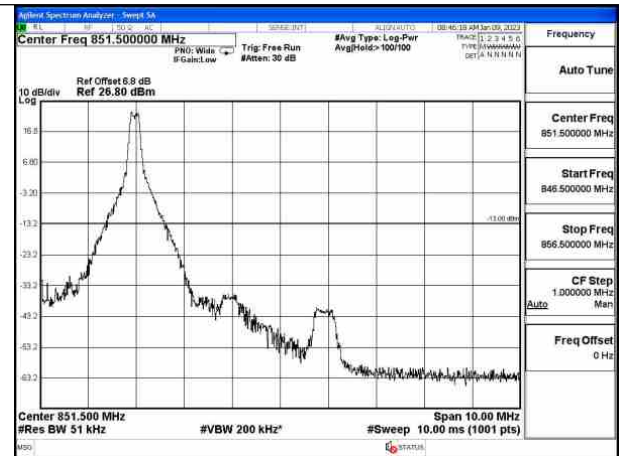


Fig.8

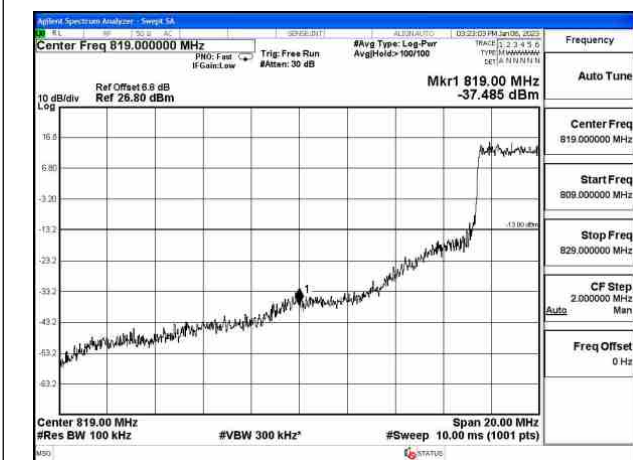


Fig.9

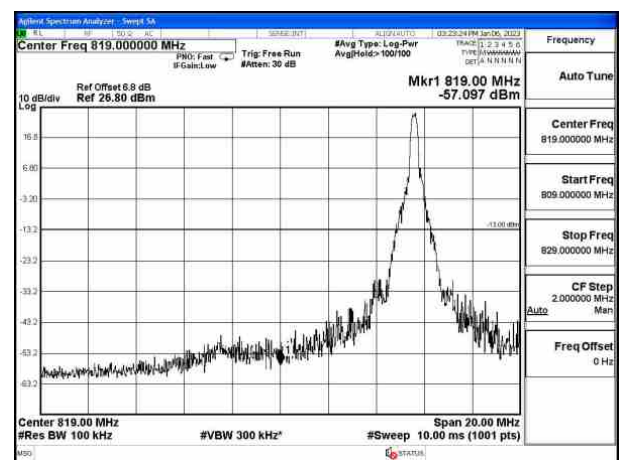


Fig.10

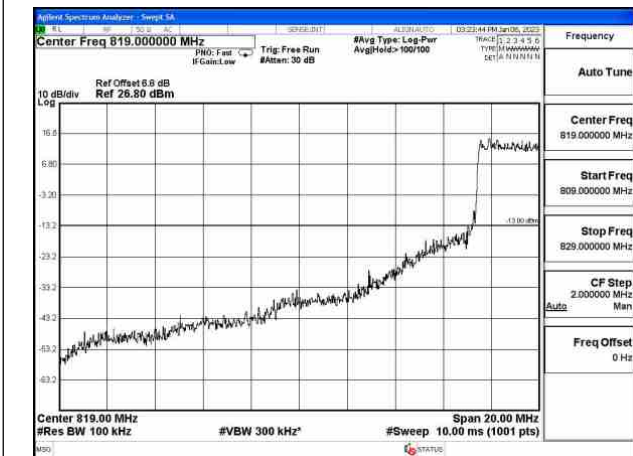


Fig.11

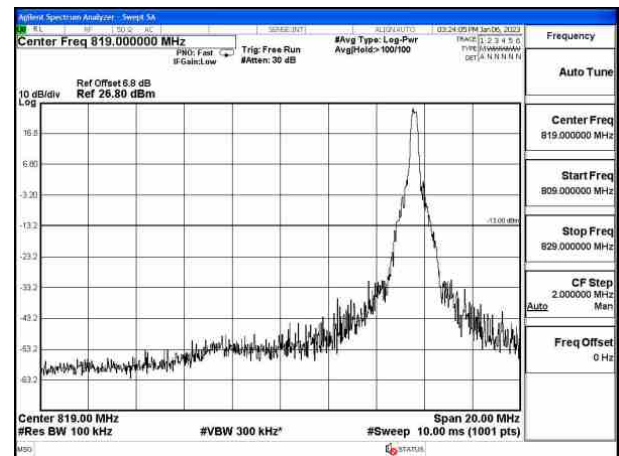


Fig.12

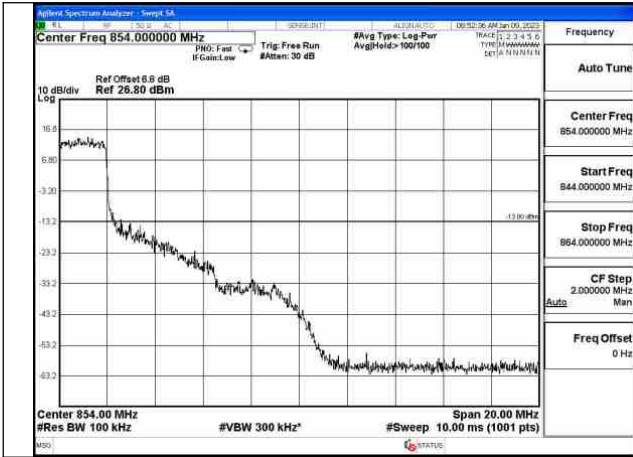


Fig. 13

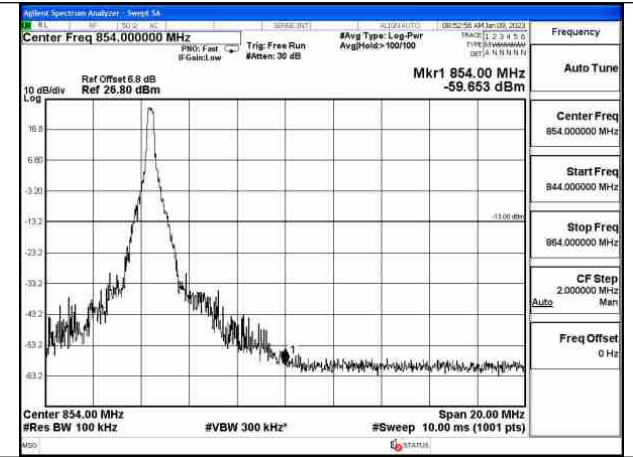


Fig. 14

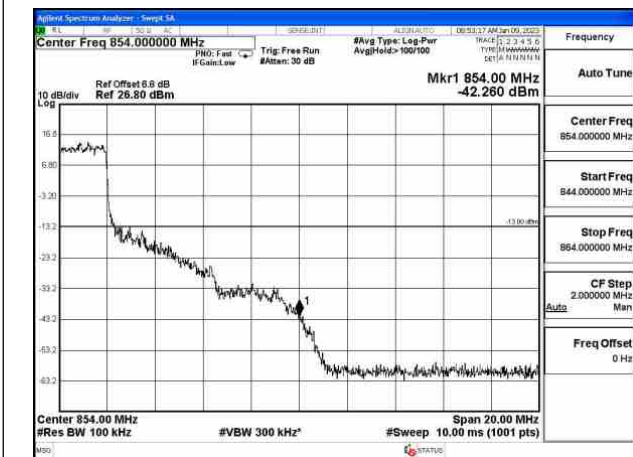


Fig. 15

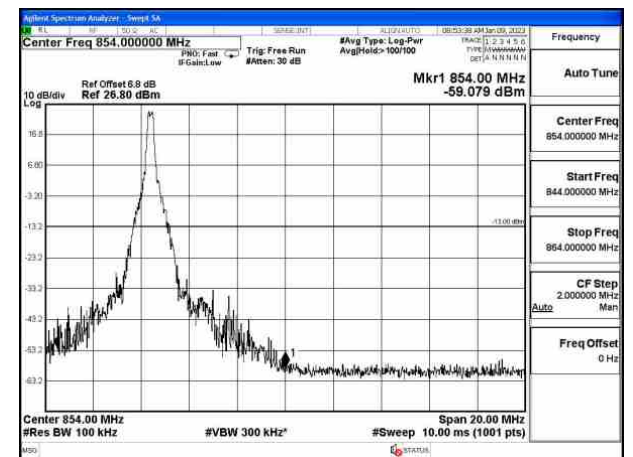


Fig. 16

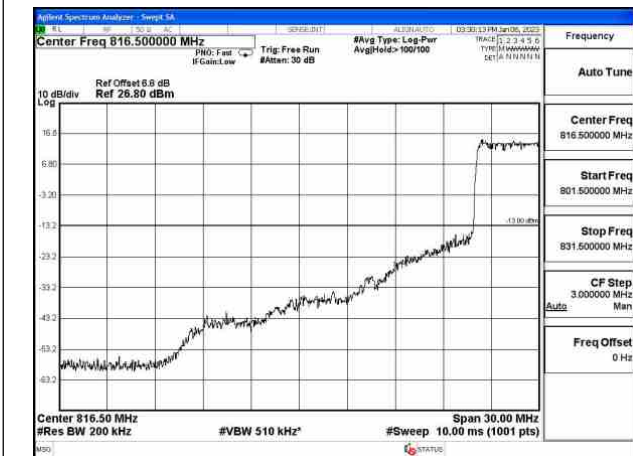


Fig. 17

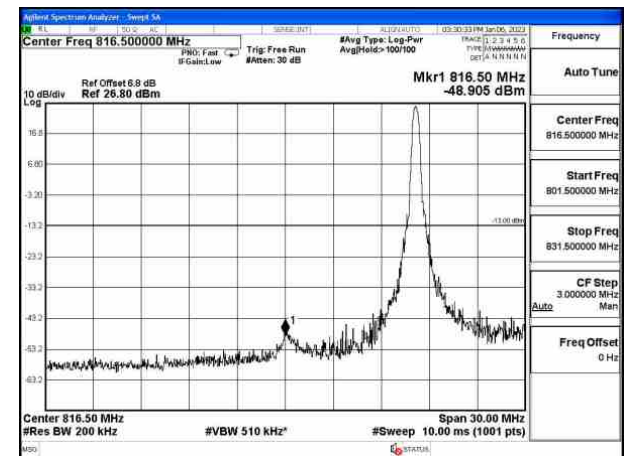


Fig. 18

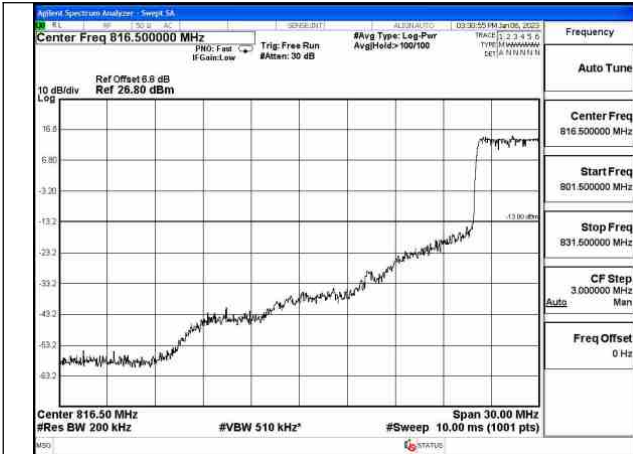


Fig.19

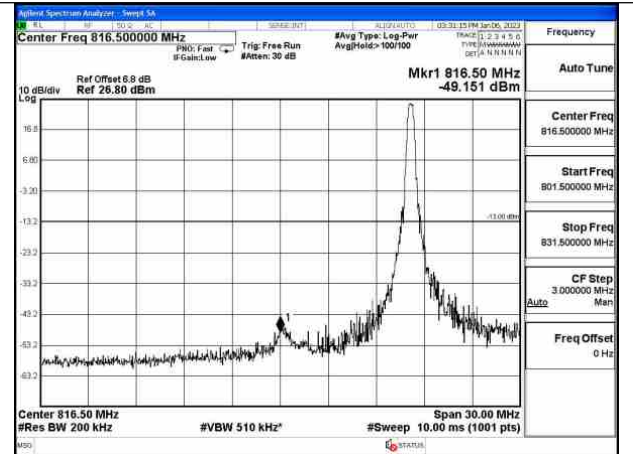


Fig.20

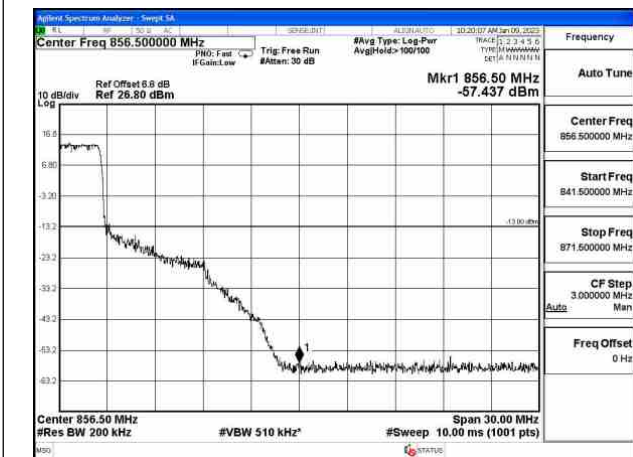


Fig.21

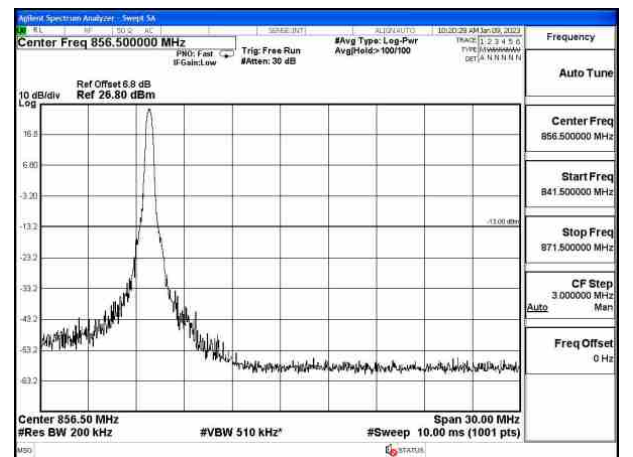


Fig.22

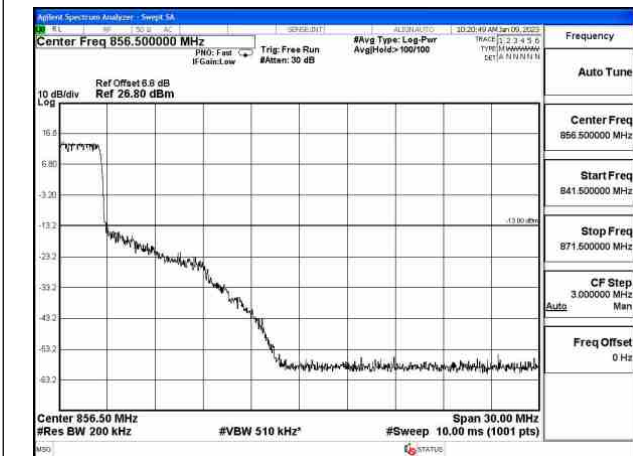


Fig.23

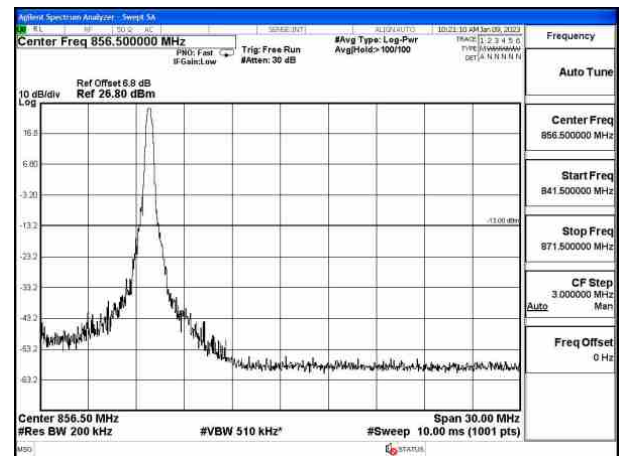


Fig.24

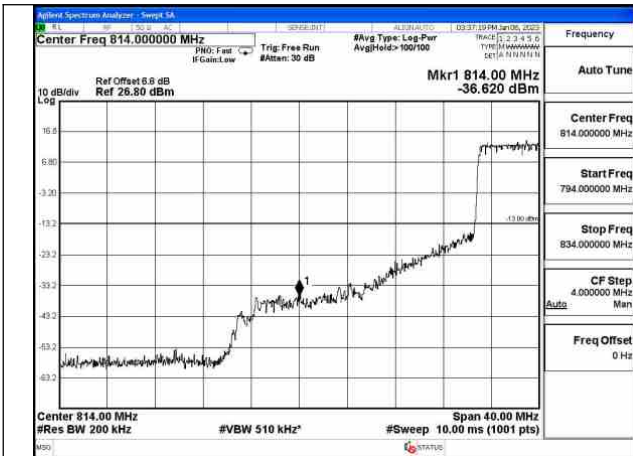


Fig.25

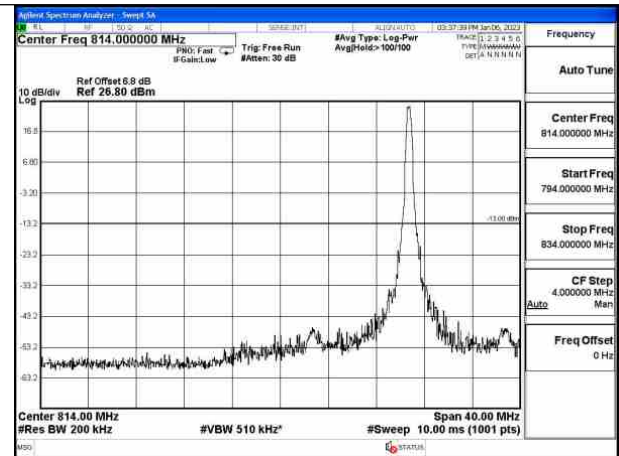


Fig.26

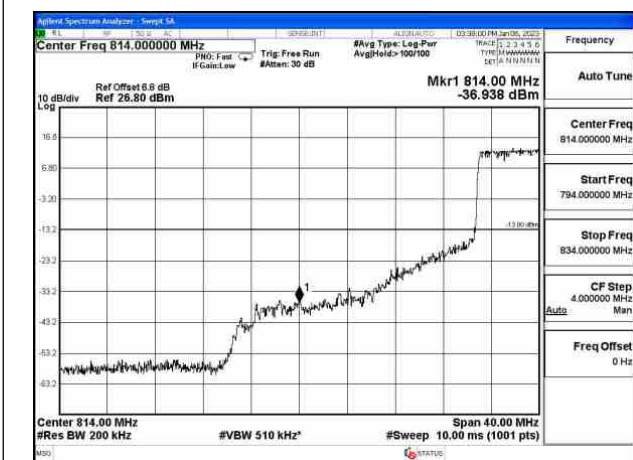


Fig.27

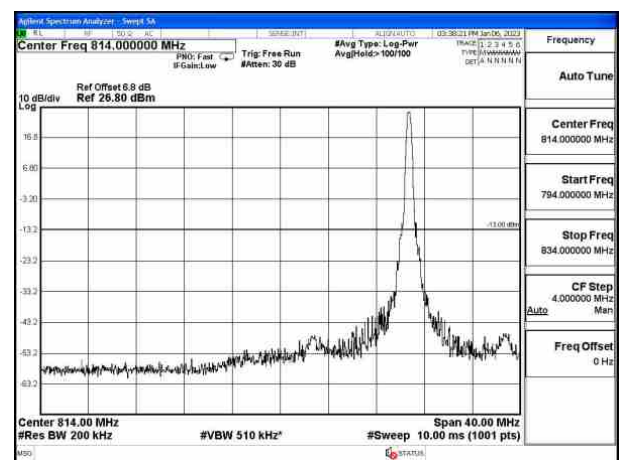


Fig.28

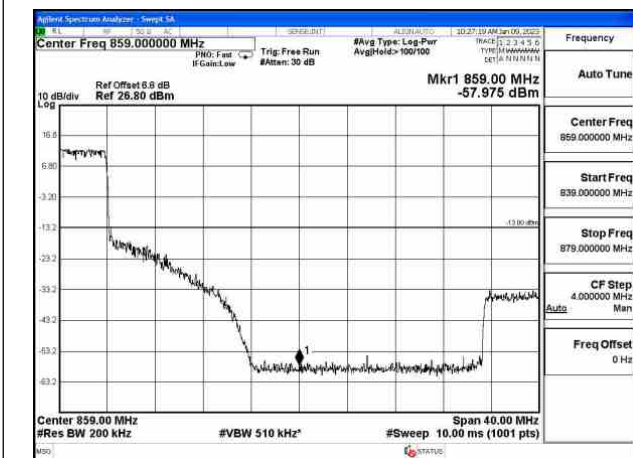


Fig.29

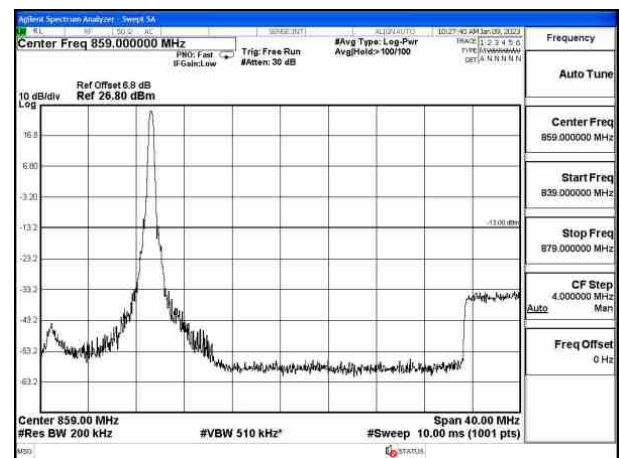


Fig.30

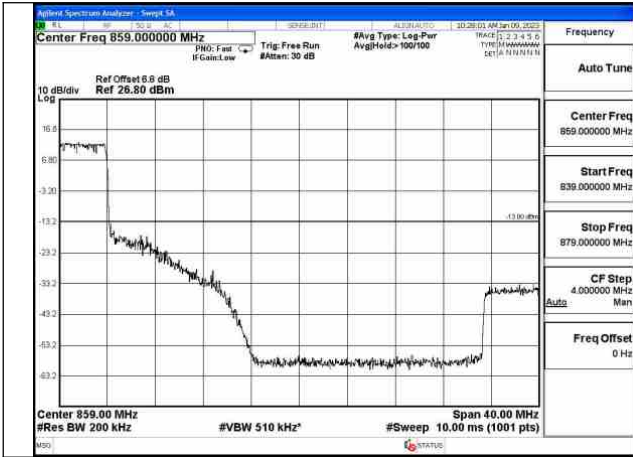


Fig.31

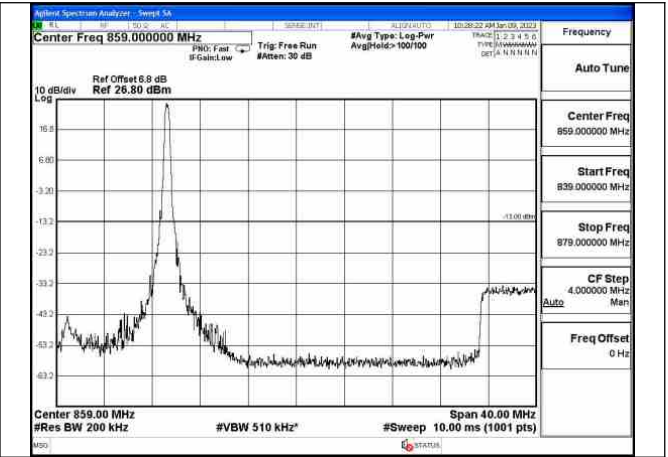


Fig.32

7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM QPSK	836.5	167300	20	100	0	-10	NV	-0.006
DFT-s-OFDM QPSK	836.5	167300	20	100	0	0	NV	-0.0096
DFT-s-OFDM QPSK	836.5	167300	20	100	0	10	NV	-0.0084
DFT-s-OFDM QPSK	836.5	167300	20	100	0	20	NV	-0.0132
DFT-s-OFDM QPSK	836.5	167300	20	100	0	30	NV	-0.0132
DFT-s-OFDM QPSK	836.5	167300	20	100	0	40	NV	-0.006
DFT-s-OFDM QPSK	836.5	167300	20	100	0	50	NV	-0.0096
DFT-s-OFDM QPSK	836.5	167300	20	100	0	55	NV	-0.0096
DFT-s-OFDM QPSK	836.5	167300	20	100	0	20	LV	-0.012
DFT-s-OFDM QPSK	836.5	167300	20	100	0	20	HV	-0.0132

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	12	6	23.77	16.82	0.048
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	1	22.50	15.55	0.036
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	23	22.88	15.93	0.039
DFT-s-OFDM QPSK	826.5	165300	5	12	6	22.56	15.61	0.036
DFT-s-OFDM QPSK	826.5	165300	5	1	1	23.98	17.03	0.050
DFT-s-OFDM QPSK	826.5	165300	5	1	23	22.39	15.44	0.035
DFT-s-OFDM QPSK	826.5	165300	5	12	6	23.10	16.15	0.041
DFT-s-OFDM QPSK	826.5	165300	5	25	0	23.48	16.53	0.045
DFT-s-OFDM 16QAM	826.5	165300	5	1	0	23.87	16.92	0.049
DFT-s-OFDM 16QAM	826.5	165300	5	1	24	22.60	15.65	0.037
DFT-s-OFDM 16QAM	826.5	165300	5	12	6	22.99	16.04	0.040
DFT-s-OFDM 16QAM	826.5	165300	5	25	0	23.37	16.42	0.044
DFT-s-OFDM 64QAM	826.5	165300	5	1	0	22.11	15.16	0.033
DFT-s-OFDM 64QAM	826.5	165300	5	1	24	22.49	15.54	0.036
DFT-s-OFDM 64QAM	826.5	165300	5	12	6	23.20	16.25	0.042
DFT-s-OFDM 64QAM	826.5	165300	5	25	0	23.59	16.64	0.046
DFT-s-OFDM 256QAM	826.5	165300	5	1	0	20.98	14.03	0.025
DFT-s-OFDM 256QAM	826.5	165300	5	1	24	20.22	13.27	0.021
DFT-s-OFDM 256QAM	826.5	165300	5	12	6	20.45	13.50	0.022
DFT-s-OFDM 256QAM	826.5	165300	5	25	0	20.68	13.73	0.024
CP-OFDM QPSK	826.5	165300	5	1	0	22.92	15.97	0.040
CP-OFDM QPSK	826.5	165300	5	1	24	22.60	15.65	0.037
CP-OFDM QPSK	826.5	165300	5	13	6	22.98	16.03	0.040
CP-OFDM QPSK	826.5	165300	5	25	0	22.42	15.47	0.035
CP-OFDM 16QAM	826.5	165300	5	1	0	22.10	15.15	0.033
CP-OFDM 16QAM	826.5	165300	5	1	24	23.52	16.57	0.045
CP-OFDM 16QAM	826.5	165300	5	13	6	23.91	16.96	0.050
CP-OFDM 16QAM	826.5	165300	5	25	0	23.58	16.63	0.046
CP-OFDM 64QAM	826.5	165300	5	1	0	23.02	16.07	0.040
CP-OFDM 64QAM	826.5	165300	5	1	24	22.70	15.75	0.038
CP-OFDM 64QAM	826.5	165300	5	13	6	22.14	15.19	0.033
CP-OFDM 64QAM	826.5	165300	5	25	0	22.53	15.58	0.036
CP-OFDM 256QAM	826.5	165300	5	1	0	20.35	13.40	0.022
CP-OFDM 256QAM	826.5	165300	5	1	24	20.77	13.82	0.024
CP-OFDM 256QAM	826.5	165300	5	13	6	19.82	12.87	0.019
CP-OFDM 256QAM	826.5	165300	5	25	0	20.05	13.10	0.020
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	12	6	23.95	17.00	0.050
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	1	23.39	16.44	0.044
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	23	23.78	16.83	0.048
DFT-s-OFDM QPSK	836.5	167300	5	12	6	22.51	15.56	0.036
DFT-s-OFDM QPSK	836.5	167300	5	1	1	22.89	15.94	0.039
DFT-s-OFDM QPSK	836.5	167300	5	1	23	23.28	16.33	0.043
DFT-s-OFDM QPSK	836.5	167300	5	12	6	23.67	16.72	0.047
DFT-s-OFDM QPSK	836.5	167300	5	25	0	23.11	16.16	0.041

DFT-s-OFDM 16QAM	836.5	167300	5	1	0	22.78	15.83	0.038
DFT-s-OFDM 16QAM	836.5	167300	5	1	24	23.17	16.22	0.042
DFT-s-OFDM 16QAM	836.5	167300	5	12	6	22.61	15.66	0.037
DFT-s-OFDM 16QAM	836.5	167300	5	25	0	23.00	16.05	0.040
DFT-s-OFDM 64QAM	836.5	167300	5	1	0	23.38	16.43	0.044
DFT-s-OFDM 64QAM	836.5	167300	5	1	24	23.77	16.82	0.048
DFT-s-OFDM 64QAM	836.5	167300	5	12	6	23.21	16.26	0.042
DFT-s-OFDM 64QAM	836.5	167300	5	25	0	22.89	15.94	0.039
DFT-s-OFDM 256QAM	836.5	167300	5	1	0	20.00	13.05	0.020
DFT-s-OFDM 256QAM	836.5	167300	5	1	24	20.23	13.28	0.021
DFT-s-OFDM 256QAM	836.5	167300	5	12	6	20.46	13.51	0.022
DFT-s-OFDM 256QAM	836.5	167300	5	25	0	20.69	13.74	0.024
CP-OFDM QPSK	836.5	167300	5	1	0	22.93	15.98	0.040
CP-OFDM QPSK	836.5	167300	5	1	24	23.31	16.36	0.043
CP-OFDM QPSK	836.5	167300	5	13	6	22.99	16.04	0.040
CP-OFDM QPSK	836.5	167300	5	25	0	22.43	15.48	0.035
CP-OFDM 16QAM	836.5	167300	5	1	0	22.82	15.87	0.039
CP-OFDM 16QAM	836.5	167300	5	1	24	23.20	16.25	0.042
CP-OFDM 16QAM	836.5	167300	5	13	6	23.59	16.64	0.046
CP-OFDM 16QAM	836.5	167300	5	25	0	23.03	16.08	0.041
CP-OFDM 64QAM	836.5	167300	5	1	0	22.71	15.76	0.038
CP-OFDM 64QAM	836.5	167300	5	1	24	22.15	15.20	0.033
CP-OFDM 64QAM	836.5	167300	5	13	6	22.54	15.59	0.036
CP-OFDM 64QAM	836.5	167300	5	25	0	22.92	15.97	0.040
CP-OFDM 256QAM	836.5	167300	5	1	0	20.58	13.63	0.023
CP-OFDM 256QAM	836.5	167300	5	1	24	20.25	13.30	0.021
CP-OFDM 256QAM	836.5	167300	5	13	6	20.48	13.53	0.023
CP-OFDM 256QAM	836.5	167300	5	25	0	20.71	13.76	0.024
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	12	6	22.12	15.17	0.033
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	1	22.51	15.56	0.036
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	23	23.22	16.27	0.042
DFT-s-OFDM QPSK	846.5	169300	5	12	6	23.61	16.66	0.046
DFT-s-OFDM QPSK	846.5	169300	5	1	1	22.01	15.06	0.032
DFT-s-OFDM QPSK	846.5	169300	5	1	23	22.40	15.45	0.035
DFT-s-OFDM QPSK	846.5	169300	5	12	6	23.82	16.87	0.049
DFT-s-OFDM QPSK	846.5	169300	5	25	0	22.94	15.99	0.040
DFT-s-OFDM 16QAM	846.5	169300	5	1	0	22.61	15.66	0.037
DFT-s-OFDM 16QAM	846.5	169300	5	1	24	23.00	16.05	0.040
DFT-s-OFDM 16QAM	846.5	169300	5	12	6	22.44	15.49	0.035
DFT-s-OFDM 16QAM	846.5	169300	5	25	0	23.54	16.59	0.046
DFT-s-OFDM 64QAM	846.5	169300	5	1	0	23.21	16.26	0.042
DFT-s-OFDM 64QAM	846.5	169300	5	1	24	23.60	16.65	0.046
DFT-s-OFDM 64QAM	846.5	169300	5	12	6	22.72	15.77	0.038
DFT-s-OFDM 64QAM	846.5	169300	5	25	0	22.16	15.21	0.033
DFT-s-OFDM 256QAM	846.5	169300	5	1	0	20.88	13.93	0.025
DFT-s-OFDM 256QAM	846.5	169300	5	1	24	20.36	13.41	0.022

DFT-s-OFDM 256QAM	846.5	169300	5	12	6	20.59	13.64	0.023
DFT-s-OFDM 256QAM	846.5	169300	5	25	0	20.25	13.30	0.021
CP-OFDM QPSK	846.5	169300	5	1	0	23.14	16.19	0.042
CP-OFDM QPSK	846.5	169300	5	1	24	22.82	15.87	0.039
CP-OFDM QPSK	846.5	169300	5	13	6	23.92	16.97	0.050
CP-OFDM QPSK	846.5	169300	5	25	0	23.36	16.41	0.044
CP-OFDM 16QAM	846.5	169300	5	1	0	23.74	16.79	0.048
CP-OFDM 16QAM	846.5	169300	5	1	24	22.15	15.20	0.033
CP-OFDM 16QAM	846.5	169300	5	13	6	22.54	15.59	0.036
CP-OFDM 16QAM	846.5	169300	5	25	0	23.96	17.01	0.050
CP-OFDM 64QAM	846.5	169300	5	1	0	22.36	15.41	0.035
CP-OFDM 64QAM	846.5	169300	5	1	24	22.75	15.80	0.038
CP-OFDM 64QAM	846.5	169300	5	13	6	23.14	16.19	0.042
CP-OFDM 64QAM	846.5	169300	5	25	0	22.58	15.63	0.037
CP-OFDM 256QAM	846.5	169300	5	1	0	20.18	13.23	0.021
CP-OFDM 256QAM	846.5	169300	5	1	24	19.85	12.90	0.019
CP-OFDM 256QAM	846.5	169300	5	13	6	20.08	13.13	0.021
CP-OFDM 256QAM	846.5	169300	5	25	0	20.31	13.36	0.022

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-s-OFDM PI/2 BPSK	829	165800	10	25	12	22.24	15.29	0.034
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	1	22.63	15.68	0.037
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	50	23.34	16.39	0.044
DFT-s-OFDM QPSK	829	165800	10	25	12	23.73	16.78	0.048
DFT-s-OFDM QPSK	829	165800	10	1	1	22.13	15.18	0.033
DFT-s-OFDM QPSK	829	165800	10	1	50	22.84	15.89	0.039
DFT-s-OFDM QPSK	829	165800	10	25	12	23.23	16.28	0.042
DFT-s-OFDM QPSK	829	165800	10	50	0	23.62	16.67	0.046
DFT-s-OFDM 16QAM	829	165800	10	1	0	22.35	15.40	0.035
DFT-s-OFDM 16QAM	829	165800	10	1	51	22.73	15.78	0.038
DFT-s-OFDM 16QAM	829	165800	10	25	12	23.12	16.17	0.041
DFT-s-OFDM 16QAM	829	165800	10	50	0	23.83	16.88	0.049
DFT-s-OFDM 64QAM	829	165800	10	1	0	22.24	15.29	0.034
DFT-s-OFDM 64QAM	829	165800	10	1	51	22.62	15.67	0.037
DFT-s-OFDM 64QAM	829	165800	10	25	12	22.06	15.11	0.032
DFT-s-OFDM 64QAM	829	165800	10	50	0	23.72	16.77	0.048
DFT-s-OFDM 256QAM	829	165800	10	1	0	20.49	13.54	0.023
DFT-s-OFDM 256QAM	829	165800	10	1	51	20.72	13.77	0.024
DFT-s-OFDM 256QAM	829	165800	10	25	12	20.95	14.00	0.025
DFT-s-OFDM 256QAM	829	165800	10	50	0	20.20	13.25	0.021
CP-OFDM QPSK	829	165800	10	1	0	23.05	16.10	0.041
CP-OFDM QPSK	829	165800	10	1	51	23.44	16.49	0.045
CP-OFDM QPSK	829	165800	10	26	13	22.17	15.22	0.033
CP-OFDM QPSK	829	165800	10	52	0	22.55	15.60	0.036
CP-OFDM 16QAM	829	165800	10	1	0	22.94	15.99	0.040

CP-OFDM 16QAM	829	165800	10	1	51	22.38	15.43	0.035
CP-OFDM 16QAM	829	165800	10	26	13	22.06	15.11	0.032
CP-OFDM 16QAM	829	165800	10	52	0	22.44	15.49	0.035
CP-OFDM 64QAM	829	165800	10	1	0	23.15	16.20	0.042
CP-OFDM 64QAM	829	165800	10	1	51	23.54	16.59	0.046
CP-OFDM 64QAM	829	165800	10	26	13	22.98	16.03	0.040
CP-OFDM 64QAM	829	165800	10	52	0	23.37	16.42	0.044
CP-OFDM 256QAM	829	165800	10	1	0	20.85	13.90	0.025
CP-OFDM 256QAM	829	165800	10	1	51	20.09	13.14	0.021
CP-OFDM 256QAM	829	165800	10	26	13	20.32	13.37	0.022
CP-OFDM 256QAM	829	165800	10	52	0	20.55	13.60	0.023
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	25	12	23.35	16.40	0.044
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	1	23.74	16.79	0.048
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	50	22.14	15.19	0.033
DFT-s-OFDM QPSK	836.5	167300	10	25	12	22.53	15.58	0.036
DFT-s-OFDM QPSK	836.5	167300	10	1	1	23.95	17.00	0.050
DFT-s-OFDM QPSK	836.5	167300	10	1	50	22.36	15.41	0.035
DFT-s-OFDM QPSK	836.5	167300	10	25	12	22.74	15.79	0.038
DFT-s-OFDM QPSK	836.5	167300	10	50	0	23.45	16.50	0.045
DFT-s-OFDM 16QAM	836.5	167300	10	1	0	23.84	16.89	0.049
DFT-s-OFDM 16QAM	836.5	167300	10	1	51	22.25	15.30	0.034
DFT-s-OFDM 16QAM	836.5	167300	10	25	12	22.63	15.68	0.037
DFT-s-OFDM 16QAM	836.5	167300	10	50	0	22.07	15.12	0.033
DFT-s-OFDM 64QAM	836.5	167300	10	1	0	22.46	15.51	0.036
DFT-s-OFDM 64QAM	836.5	167300	10	1	51	22.85	15.90	0.039
DFT-s-OFDM 64QAM	836.5	167300	10	25	12	23.23	16.28	0.042
DFT-s-OFDM 64QAM	836.5	167300	10	50	0	23.94	16.99	0.050
DFT-s-OFDM 256QAM	836.5	167300	10	1	0	20.01	13.06	0.020
DFT-s-OFDM 256QAM	836.5	167300	10	1	51	20.86	13.91	0.025
DFT-s-OFDM 256QAM	836.5	167300	10	25	12	19.91	12.96	0.020
DFT-s-OFDM 256QAM	836.5	167300	10	50	0	20.14	13.19	0.021
CP-OFDM QPSK	836.5	167300	10	1	0	22.95	16.00	0.040
CP-OFDM QPSK	836.5	167300	10	1	51	22.39	15.44	0.035
CP-OFDM QPSK	836.5	167300	10	26	13	22.78	15.83	0.038
CP-OFDM QPSK	836.5	167300	10	52	0	23.16	16.21	0.042
CP-OFDM 16QAM	836.5	167300	10	1	0	23.55	16.60	0.046
CP-OFDM 16QAM	836.5	167300	10	1	51	22.99	16.04	0.040
CP-OFDM 16QAM	836.5	167300	10	26	13	23.38	16.43	0.044
CP-OFDM 16QAM	836.5	167300	10	52	0	23.76	16.81	0.048
CP-OFDM 64QAM	836.5	167300	10	1	0	22.17	15.22	0.033
CP-OFDM 64QAM	836.5	167300	10	1	51	22.88	15.93	0.039
CP-OFDM 64QAM	836.5	167300	10	26	13	23.27	16.32	0.043
CP-OFDM 64QAM	836.5	167300	10	52	0	23.65	16.70	0.047
CP-OFDM 256QAM	836.5	167300	10	1	0	20.45	13.50	0.022
CP-OFDM 256QAM	836.5	167300	10	1	51	20.68	13.73	0.024
CP-OFDM 256QAM	836.5	167300	10	26	13	20.91	13.96	0.025

CP-OFDM 256QAM	836.5	167300	10	52	0	19.97	13.02	0.020
DFT-s-OFDM PI/2 BPSK	844	168800	10	25	12	22.36	15.41	0.035
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	1	23.78	16.83	0.048
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	50	22.19	15.24	0.033
DFT-s-OFDM QPSK	844	168800	10	25	12	22.57	15.62	0.036
DFT-s-OFDM QPSK	844	168800	10	1	1	22.96	16.01	0.040
DFT-s-OFDM QPSK	844	168800	10	1	50	22.40	15.45	0.035
DFT-s-OFDM QPSK	844	168800	10	25	12	22.79	15.84	0.038
DFT-s-OFDM QPSK	844	168800	10	50	0	23.17	16.22	0.042
DFT-s-OFDM 16QAM	844	168800	10	1	0	23.56	16.61	0.046
DFT-s-OFDM 16QAM	844	168800	10	1	51	23.00	16.05	0.040
DFT-s-OFDM 16QAM	844	168800	10	25	12	23.39	16.44	0.044
DFT-s-OFDM 16QAM	844	168800	10	50	0	23.77	16.82	0.048
DFT-s-OFDM 64QAM	844	168800	10	1	0	22.18	15.23	0.033
DFT-s-OFDM 64QAM	844	168800	10	1	51	23.28	16.33	0.043
DFT-s-OFDM 64QAM	844	168800	10	25	12	23.66	16.71	0.047
DFT-s-OFDM 64QAM	844	168800	10	50	0	23.10	16.15	0.041
DFT-s-OFDM 256QAM	844	168800	10	1	0	20.69	13.74	0.024
DFT-s-OFDM 256QAM	844	168800	10	1	51	20.92	13.97	0.025
DFT-s-OFDM 256QAM	844	168800	10	25	12	19.97	13.02	0.020
DFT-s-OFDM 256QAM	844	168800	10	50	0	20.82	13.87	0.024
CP-OFDM QPSK	844	168800	10	1	0	22.11	15.16	0.033
CP-OFDM QPSK	844	168800	10	1	51	22.50	15.55	0.036
CP-OFDM QPSK	844	168800	10	26	13	22.88	15.93	0.039
CP-OFDM QPSK	844	168800	10	52	0	22.32	15.37	0.034
CP-OFDM 16QAM	844	168800	10	1	0	22.71	15.76	0.038
CP-OFDM 16QAM	844	168800	10	1	51	23.10	16.15	0.041
CP-OFDM 16QAM	844	168800	10	26	13	23.48	16.53	0.045
CP-OFDM 16QAM	844	168800	10	52	0	22.92	15.97	0.040
CP-OFDM 64QAM	844	168800	10	1	0	23.31	16.36	0.043
CP-OFDM 64QAM	844	168800	10	1	51	23.70	16.75	0.047
CP-OFDM 64QAM	844	168800	10	26	13	22.10	15.15	0.033
CP-OFDM 64QAM	844	168800	10	52	0	23.52	16.57	0.045
CP-OFDM 256QAM	844	168800	10	1	0	20.94	13.99	0.025
CP-OFDM 256QAM	844	168800	10	1	51	19.99	13.04	0.020
CP-OFDM 256QAM	844	168800	10	26	13	20.22	13.27	0.021
CP-OFDM 256QAM	844	168800	10	52	0	19.89	12.94	0.020

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	36	18	22.76	15.81	0.038
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	1	22.20	15.25	0.033
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	77	22.59	15.64	0.037
DFT-s-OFDM QPSK	831.5	166300	15	36	18	22.26	15.31	0.034
DFT-s-OFDM QPSK	831.5	166300	15	1	1	23.69	16.74	0.047
DFT-s-OFDM QPSK	831.5	166300	15	1	77	22.09	15.14	0.033

DFT-s-OFDM QPSK	831.5	166300	15	36	18	22.80	15.85	0.038
DFT-s-OFDM QPSK	831.5	166300	15	75	0	23.19	16.24	0.042
DFT-s-OFDM 16QAM	831.5	166300	15	1	0	23.58	16.63	0.046
DFT-s-OFDM 16QAM	831.5	166300	15	1	78	22.31	15.36	0.034
DFT-s-OFDM 16QAM	831.5	166300	15	36	18	22.69	15.74	0.037
DFT-s-OFDM 16QAM	831.5	166300	15	75	0	23.08	16.13	0.041
DFT-s-OFDM 64QAM	831.5	166300	15	1	0	23.47	16.52	0.045
DFT-s-OFDM 64QAM	831.5	166300	15	1	78	22.91	15.96	0.039
DFT-s-OFDM 64QAM	831.5	166300	15	36	18	22.58	15.63	0.037
DFT-s-OFDM 64QAM	831.5	166300	15	75	0	22.02	15.07	0.032
DFT-s-OFDM 256QAM	831.5	166300	15	1	0	20.05	13.10	0.020
DFT-s-OFDM 256QAM	831.5	166300	15	1	78	20.28	13.33	0.022
DFT-s-OFDM 256QAM	831.5	166300	15	36	18	20.51	13.56	0.023
DFT-s-OFDM 256QAM	831.5	166300	15	75	0	20.93	13.98	0.025
CP-OFDM QPSK	831.5	166300	15	1	0	22.30	15.35	0.034
CP-OFDM QPSK	831.5	166300	15	1	78	22.69	15.74	0.037
CP-OFDM QPSK	831.5	166300	15	39	19	22.13	15.18	0.033
CP-OFDM QPSK	831.5	166300	15	79	0	23.78	16.83	0.048
CP-OFDM 16QAM	831.5	166300	15	1	0	23.22	16.27	0.042
CP-OFDM 16QAM	831.5	166300	15	1	78	23.61	16.66	0.046
CP-OFDM 16QAM	831.5	166300	15	39	19	22.02	15.07	0.032
CP-OFDM 16QAM	831.5	166300	15	79	0	22.40	15.45	0.035
CP-OFDM 64QAM	831.5	166300	15	1	0	23.11	16.16	0.041
CP-OFDM 64QAM	831.5	166300	15	1	78	23.50	16.55	0.045
CP-OFDM 64QAM	831.5	166300	15	39	19	23.89	16.94	0.049
CP-OFDM 64QAM	831.5	166300	15	79	0	23.33	16.38	0.043
CP-OFDM 256QAM	831.5	166300	15	1	0	20.40	13.45	0.022
CP-OFDM 256QAM	831.5	166300	15	1	78	20.07	13.12	0.021
CP-OFDM 256QAM	831.5	166300	15	39	19	20.30	13.35	0.022
CP-OFDM 256QAM	831.5	166300	15	79	0	20.53	13.58	0.023
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	36	18	22.10	15.15	0.033
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	1	22.49	15.54	0.036
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	77	22.87	15.92	0.039
DFT-s-OFDM QPSK	836.5	167300	15	36	18	22.31	15.36	0.034
DFT-s-OFDM QPSK	836.5	167300	15	1	1	22.70	15.75	0.038
DFT-s-OFDM QPSK	836.5	167300	15	1	77	23.09	16.14	0.041
DFT-s-OFDM QPSK	836.5	167300	15	36	18	23.47	16.52	0.045
DFT-s-OFDM QPSK	836.5	167300	15	75	0	22.92	15.97	0.040
DFT-s-OFDM 16QAM	836.5	167300	15	1	0	23.30	16.35	0.043
DFT-s-OFDM 16QAM	836.5	167300	15	1	78	22.03	15.08	0.032
DFT-s-OFDM 16QAM	836.5	167300	15	36	18	22.09	15.14	0.033
DFT-s-OFDM 16QAM	836.5	167300	15	75	0	22.80	15.85	0.038
DFT-s-OFDM 64QAM	836.5	167300	15	1	0	23.19	16.24	0.042
DFT-s-OFDM 64QAM	836.5	167300	15	1	78	22.63	15.68	0.037
DFT-s-OFDM 64QAM	836.5	167300	15	36	18	23.02	16.07	0.040
DFT-s-OFDM 64QAM	836.5	167300	15	75	0	23.41	16.46	0.044

DFT-s-OFDM 256QAM	836.5	167300	15	1	0	20.87	13.92	0.025
DFT-s-OFDM 256QAM	836.5	167300	15	1	78	20.54	13.59	0.023
DFT-s-OFDM 256QAM	836.5	167300	15	36	18	20.77	13.82	0.024
DFT-s-OFDM 256QAM	836.5	167300	15	75	0	19.82	12.87	0.019
CP-OFDM QPSK	836.5	167300	15	1	0	22.41	15.46	0.035
CP-OFDM QPSK	836.5	167300	15	1	78	23.83	16.88	0.049
CP-OFDM QPSK	836.5	167300	15	39	19	22.24	15.29	0.034
CP-OFDM QPSK	836.5	167300	15	79	0	22.63	15.68	0.037
CP-OFDM 16QAM	836.5	167300	15	1	0	23.01	16.06	0.040
CP-OFDM 16QAM	836.5	167300	15	1	78	22.45	15.50	0.035
CP-OFDM 16QAM	836.5	167300	15	39	19	22.84	15.89	0.039
CP-OFDM 16QAM	836.5	167300	15	79	0	23.23	16.28	0.042
CP-OFDM 64QAM	836.5	167300	15	1	0	23.61	16.66	0.046
CP-OFDM 64QAM	836.5	167300	15	1	78	23.05	16.10	0.041
CP-OFDM 64QAM	836.5	167300	15	39	19	23.44	16.49	0.045
CP-OFDM 64QAM	836.5	167300	15	79	0	23.83	16.88	0.049
CP-OFDM 256QAM	836.5	167300	15	1	0	19.94	12.99	0.020
CP-OFDM 256QAM	836.5	167300	15	1	78	20.36	13.41	0.022
CP-OFDM 256QAM	836.5	167300	15	39	19	20.59	13.64	0.023
CP-OFDM 256QAM	836.5	167300	15	79	0	20.82	13.87	0.024
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	36	18	23.63	16.68	0.047
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	1	22.03	15.08	0.032
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	77	22.42	15.47	0.035
DFT-s-OFDM QPSK	841.5	168300	15	36	18	23.52	16.57	0.045
DFT-s-OFDM QPSK	841.5	168300	15	1	1	23.90	16.95	0.050
DFT-s-OFDM QPSK	841.5	168300	15	1	77	23.34	16.39	0.044
DFT-s-OFDM QPSK	841.5	168300	15	36	18	23.73	16.78	0.048
DFT-s-OFDM QPSK	841.5	168300	15	75	0	22.14	15.19	0.033
DFT-s-OFDM 16QAM	841.5	168300	15	1	0	22.52	15.57	0.036
DFT-s-OFDM 16QAM	841.5	168300	15	1	78	23.95	17.00	0.050
DFT-s-OFDM 16QAM	841.5	168300	15	36	18	22.35	15.40	0.035
DFT-s-OFDM 16QAM	841.5	168300	15	75	0	22.74	15.79	0.038
DFT-s-OFDM 64QAM	841.5	168300	15	1	0	23.84	16.89	0.049
DFT-s-OFDM 64QAM	841.5	168300	15	1	78	22.24	15.29	0.034
DFT-s-OFDM 64QAM	841.5	168300	15	36	18	23.66	16.71	0.047
DFT-s-OFDM 64QAM	841.5	168300	15	75	0	22.07	15.12	0.033
DFT-s-OFDM 256QAM	841.5	168300	15	1	0	20.07	13.12	0.021
DFT-s-OFDM 256QAM	841.5	168300	15	1	78	20.30	13.35	0.022
DFT-s-OFDM 256QAM	841.5	168300	15	36	18	19.97	13.02	0.020
DFT-s-OFDM 256QAM	841.5	168300	15	75	0	20.20	13.25	0.021
CP-OFDM QPSK	841.5	168300	15	1	0	23.06	16.11	0.041
CP-OFDM QPSK	841.5	168300	15	1	78	23.44	16.49	0.045
CP-OFDM QPSK	841.5	168300	15	39	19	22.56	15.61	0.036
CP-OFDM QPSK	841.5	168300	15	79	0	22.95	16.00	0.040
CP-OFDM 16QAM	841.5	168300	15	1	0	22.39	15.44	0.035
CP-OFDM 16QAM	841.5	168300	15	1	78	22.77	15.82	0.038

CP-OFDM 16QAM	841.5	168300	15	39	19	23.16	16.21	0.042
CP-OFDM 16QAM	841.5	168300	15	79	0	23.55	16.60	0.046
CP-OFDM 64QAM	841.5	168300	15	1	0	22.66	15.71	0.037
CP-OFDM 64QAM	841.5	168300	15	1	78	22.10	15.15	0.033
CP-OFDM 64QAM	841.5	168300	15	39	19	22.49	15.54	0.036
CP-OFDM 64QAM	841.5	168300	15	79	0	22.88	15.93	0.039
CP-OFDM 256QAM	841.5	168300	15	1	0	20.55	13.60	0.023
CP-OFDM 256QAM	841.5	168300	15	1	78	20.22	13.27	0.021
CP-OFDM 256QAM	841.5	168300	15	39	19	20.45	13.50	0.022
CP-OFDM 256QAM	841.5	168300	15	79	0	20.68	13.73	0.024

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DFT-s-OFDM PI/2 BPSK	834	166800	20	50	25	22.72	15.77	0.038
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	1	23.11	16.16	0.041
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	104	23.82	16.87	0.049
DFT-s-OFDM QPSK	834	166800	20	50	25	22.22	15.27	0.034
DFT-s-OFDM QPSK	834	166800	20	1	1	23.64	16.69	0.047
DFT-s-OFDM QPSK	834	166800	20	1	104	23.32	16.37	0.043
DFT-s-OFDM QPSK	834	166800	20	50	25	23.71	16.76	0.047
DFT-s-OFDM QPSK	834	166800	20	100	0	23.15	16.20	0.042
DFT-s-OFDM 16QAM	834	166800	20	1	0	23.53	16.58	0.045
DFT-s-OFDM 16QAM	834	166800	20	1	105	22.27	15.32	0.034
DFT-s-OFDM 16QAM	834	166800	20	50	25	22.65	15.70	0.037
DFT-s-OFDM 16QAM	834	166800	20	100	0	23.04	16.09	0.041
DFT-s-OFDM 64QAM	834	166800	20	1	0	23.42	16.47	0.044
DFT-s-OFDM 64QAM	834	166800	20	1	105	22.87	15.92	0.039
DFT-s-OFDM 64QAM	834	166800	20	50	25	22.54	15.59	0.036
DFT-s-OFDM 64QAM	834	166800	20	100	0	22.93	15.98	0.040
DFT-s-OFDM 256QAM	834	166800	20	1	0	20.02	13.07	0.020
DFT-s-OFDM 256QAM	834	166800	20	1	105	20.25	13.30	0.021
DFT-s-OFDM 256QAM	834	166800	20	50	25	20.48	13.53	0.023
DFT-s-OFDM 256QAM	834	166800	20	100	0	20.71	13.76	0.024
CP-OFDM QPSK	834	166800	20	1	0	22.97	16.02	0.040
CP-OFDM QPSK	834	166800	20	1	105	22.65	15.70	0.037
CP-OFDM QPSK	834	166800	20	53	26	22.09	15.14	0.033
CP-OFDM QPSK	834	166800	20	106	0	22.47	15.52	0.036
CP-OFDM 16QAM	834	166800	20	1	0	22.15	15.20	0.033
CP-OFDM 16QAM	834	166800	20	1	105	23.57	16.62	0.046
CP-OFDM 16QAM	834	166800	20	53	26	23.96	17.01	0.050
CP-OFDM 16QAM	834	166800	20	106	0	22.36	15.41	0.035
CP-OFDM 64QAM	834	166800	20	1	0	22.75	15.80	0.038
CP-OFDM 64QAM	834	166800	20	1	105	22.19	15.24	0.033
CP-OFDM 64QAM	834	166800	20	53	26	23.85	16.90	0.049
CP-OFDM 64QAM	834	166800	20	106	0	23.29	16.34	0.043
CP-OFDM 256QAM	834	166800	20	1	0	20.80	13.85	0.024

CP-OFDM 256QAM	834	166800	20	1	105	19.85	12.90	0.019
CP-OFDM 256QAM	834	166800	20	53	26	20.27	13.32	0.021
CP-OFDM 256QAM	834	166800	20	106	0	20.50	13.55	0.023
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	50	25	23.93	16.98	0.050
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	1	22.34	15.39	0.035
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	104	23.76	16.81	0.048
DFT-s-OFDM QPSK	836.5	167300	20	50	25	22.16	15.21	0.033
DFT-s-OFDM QPSK	836.5	167300	20	1	1	22.55	15.60	0.036
DFT-s-OFDM QPSK	836.5	167300	20	1	104	22.94	15.99	0.040
DFT-s-OFDM QPSK	836.5	167300	20	50	25	22.38	15.43	0.035
DFT-s-OFDM QPSK	836.5	167300	20	100	0	22.76	15.81	0.038
DFT-s-OFDM 16QAM	836.5	167300	20	1	0	23.15	16.20	0.042
DFT-s-OFDM 16QAM	836.5	167300	20	1	105	23.54	16.59	0.046
DFT-s-OFDM 16QAM	836.5	167300	20	50	25	22.27	15.32	0.034
DFT-s-OFDM 16QAM	836.5	167300	20	100	0	23.36	16.41	0.044
DFT-s-OFDM 64QAM	836.5	167300	20	1	0	22.09	15.14	0.033
DFT-s-OFDM 64QAM	836.5	167300	20	1	105	22.48	15.53	0.036
DFT-s-OFDM 64QAM	836.5	167300	20	50	25	22.87	15.92	0.039
DFT-s-OFDM 64QAM	836.5	167300	20	100	0	23.25	16.30	0.043
DFT-s-OFDM 256QAM	836.5	167300	20	1	0	20.22	13.27	0.021
DFT-s-OFDM 256QAM	836.5	167300	20	1	105	20.45	13.50	0.022
DFT-s-OFDM 256QAM	836.5	167300	20	50	25	20.68	13.73	0.024
DFT-s-OFDM 256QAM	836.5	167300	20	100	0	20.91	13.96	0.025
CP-OFDM QPSK	836.5	167300	20	1	0	23.30	16.35	0.043
CP-OFDM QPSK	836.5	167300	20	1	105	23.68	16.73	0.047
CP-OFDM QPSK	836.5	167300	20	53	26	22.09	15.14	0.033
CP-OFDM QPSK	836.5	167300	20	106	0	22.47	15.52	0.036
CP-OFDM 16QAM	836.5	167300	20	1	0	23.90	16.95	0.050
CP-OFDM 16QAM	836.5	167300	20	1	105	22.30	15.35	0.034
CP-OFDM 16QAM	836.5	167300	20	53	26	22.69	15.74	0.037
CP-OFDM 16QAM	836.5	167300	20	106	0	23.07	16.12	0.041
CP-OFDM 64QAM	836.5	167300	20	1	0	22.52	15.57	0.036
CP-OFDM 64QAM	836.5	167300	20	1	105	22.90	15.95	0.039
CP-OFDM 64QAM	836.5	167300	20	53	26	23.29	16.34	0.043
CP-OFDM 64QAM	836.5	167300	20	106	0	23.68	16.73	0.047
CP-OFDM 256QAM	836.5	167300	20	1	0	20.47	13.52	0.022
CP-OFDM 256QAM	836.5	167300	20	1	105	20.70	13.75	0.024
CP-OFDM 256QAM	836.5	167300	20	53	26	20.93	13.98	0.025
CP-OFDM 256QAM	836.5	167300	20	106	0	19.98	13.03	0.020
DFT-s-OFDM PI/2 BPSK	839	167800	20	50	25	23.69	16.74	0.047
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	1	22.10	15.15	0.033
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	104	22.48	15.53	0.036
DFT-s-OFDM QPSK	839	167800	20	50	25	23.90	16.95	0.050
DFT-s-OFDM QPSK	839	167800	20	1	1	22.31	15.36	0.034
DFT-s-OFDM QPSK	839	167800	20	1	104	22.70	15.75	0.038
DFT-s-OFDM QPSK	839	167800	20	50	25	23.08	16.13	0.041

DFT-s-OFDM QPSK	839	167800	20	100	0	22.52	15.57	0.036
DFT-s-OFDM 16QAM	839	167800	20	1	0	22.59	15.64	0.037
DFT-s-OFDM 16QAM	839	167800	20	1	105	22.03	15.08	0.032
DFT-s-OFDM 16QAM	839	167800	20	50	25	22.41	15.46	0.035
DFT-s-OFDM 16QAM	839	167800	20	100	0	22.80	15.85	0.038
DFT-s-OFDM 64QAM	839	167800	20	1	0	23.19	16.24	0.042
DFT-s-OFDM 64QAM	839	167800	20	1	105	22.63	15.68	0.037
DFT-s-OFDM 64QAM	839	167800	20	50	25	23.01	16.06	0.040
DFT-s-OFDM 64QAM	839	167800	20	100	0	22.13	15.18	0.033
DFT-s-OFDM 256QAM	839	167800	20	1	0	20.11	13.16	0.021
DFT-s-OFDM 256QAM	839	167800	20	1	105	20.34	13.39	0.022
DFT-s-OFDM 256QAM	839	167800	20	50	25	20.01	13.06	0.020
DFT-s-OFDM 256QAM	839	167800	20	100	0	20.24	13.29	0.021
CP-OFDM QPSK	839	167800	20	1	0	23.12	16.17	0.041
CP-OFDM QPSK	839	167800	20	1	105	23.50	16.55	0.045
CP-OFDM QPSK	839	167800	20	53	26	22.95	16.00	0.040
CP-OFDM QPSK	839	167800	20	106	0	23.33	16.38	0.043
CP-OFDM 16QAM	839	167800	20	1	0	22.45	15.50	0.035
CP-OFDM 16QAM	839	167800	20	1	105	22.84	15.89	0.039
CP-OFDM 16QAM	839	167800	20	53	26	23.22	16.27	0.042
CP-OFDM 16QAM	839	167800	20	106	0	23.61	16.66	0.046
CP-OFDM 64QAM	839	167800	20	1	0	23.05	16.10	0.041
CP-OFDM 64QAM	839	167800	20	1	105	23.44	16.49	0.045
CP-OFDM 64QAM	839	167800	20	53	26	23.82	16.87	0.049
CP-OFDM 64QAM	839	167800	20	106	0	22.23	15.28	0.034
CP-OFDM 256QAM	839	167800	20	1	0	20.59	13.64	0.023
CP-OFDM 256QAM	839	167800	20	1	105	20.26	13.31	0.021
CP-OFDM 256QAM	839	167800	20	53	26	20.49	13.54	0.023
CP-OFDM 256QAM	839	167800	20	106	0	20.72	13.77	0.024