

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### NSA 7A\_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	1	0	22.34
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	24	22.66
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	12	6	23.27
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	25	0	23.59
DFT-s-OFDM QPSK	826.5	165300	5	1	0	23.32
DFT-s-OFDM QPSK	826.5	165300	5	1	24	22.84
DFT-s-OFDM QPSK	826.5	165300	5	12	6	23.17
DFT-s-OFDM QPSK	826.5	165300	5	25	0	22.10
DFT-s-OFDM 16QAM	826.5	165300	5	1	0	22.42
DFT-s-OFDM 16QAM	826.5	165300	5	1	24	22.15
DFT-s-OFDM 16QAM	826.5	165300	5	12	6	23.35
DFT-s-OFDM 16QAM	826.5	165300	5	25	0	23.08
DFT-s-OFDM 64QAM	826.5	165300	5	1	0	22.60
DFT-s-OFDM 64QAM	826.5	165300	5	1	24	22.33
DFT-s-OFDM 64QAM	826.5	165300	5	12	6	22.93
DFT-s-OFDM 64QAM	826.5	165300	5	25	0	23.26
DFT-s-OFDM 256QAM	826.5	165300	5	1	0	22.18
DFT-s-OFDM 256QAM	826.5	165300	5	1	24	22.51
DFT-s-OFDM 256QAM	826.5	165300	5	12	6	23.11
DFT-s-OFDM 256QAM	826.5	165300	5	25	0	23.44
CP-OFDM QPSK	826.5	165300	5	1	0	23.17
CP-OFDM QPSK	826.5	165300	5	1	24	22.69
CP-OFDM QPSK	826.5	165300	5	13	6	22.42
CP-OFDM QPSK	826.5	165300	5	25	0	23.62
CP-OFDM 16QAM	826.5	165300	5	1	0	23.35
CP-OFDM 16QAM	826.5	165300	5	1	24	23.68
CP-OFDM 16QAM	826.5	165300	5	13	6	22.60
CP-OFDM 16QAM	826.5	165300	5	25	0	22.93
CP-OFDM 64QAM	826.5	165300	5	1	0	23.53
CP-OFDM 64QAM	826.5	165300	5	1	24	22.18
CP-OFDM 64QAM	826.5	165300	5	13	6	22.78
CP-OFDM 64QAM	826.5	165300	5	25	0	23.11
CP-OFDM 256QAM	826.5	165300	5	1	0	22.03
CP-OFDM 256QAM	826.5	165300	5	1	24	22.36
CP-OFDM 256QAM	826.5	165300	5	13	6	22.96
CP-OFDM 256QAM	826.5	165300	5	25	0	22.69
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	0	22.51
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	24	22.24
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	12	6	22.57
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	25	0	22.09
DFT-s-OFDM QPSK	836.5	167300	5	1	0	23.50
DFT-s-OFDM QPSK	836.5	167300	5	1	24	23.02

DFT-s-OFDM QPSK	836.5	167300	5	12	6	23.35
DFT-s-OFDM QPSK	836.5	167300	5	25	0	23.08
DFT-s-OFDM 16QAM	836.5	167300	5	1	0	22.60
DFT-s-OFDM 16QAM	836.5	167300	5	1	24	22.33
DFT-s-OFDM 16QAM	836.5	167300	5	12	6	23.53
DFT-s-OFDM 16QAM	836.5	167300	5	25	0	22.18
DFT-s-OFDM 64QAM	836.5	167300	5	1	0	22.51
DFT-s-OFDM 64QAM	836.5	167300	5	1	24	23.11
DFT-s-OFDM 64QAM	836.5	167300	5	12	6	23.44
DFT-s-OFDM 64QAM	836.5	167300	5	25	0	22.36
DFT-s-OFDM 256QAM	836.5	167300	5	1	0	22.69
DFT-s-OFDM 256QAM	836.5	167300	5	1	24	23.02
DFT-s-OFDM 256QAM	836.5	167300	5	12	6	23.62
DFT-s-OFDM 256QAM	836.5	167300	5	25	0	22.27
CP-OFDM QPSK	836.5	167300	5	1	0	22.60
CP-OFDM QPSK	836.5	167300	5	1	24	23.20
CP-OFDM QPSK	836.5	167300	5	13	6	23.53
CP-OFDM QPSK	836.5	167300	5	25	0	22.17
CP-OFDM 16QAM	836.5	167300	5	1	0	22.78
CP-OFDM 16QAM	836.5	167300	5	1	24	23.11
CP-OFDM 16QAM	836.5	167300	5	13	6	22.03
CP-OFDM 16QAM	836.5	167300	5	25	0	22.36
CP-OFDM 64QAM	836.5	167300	5	1	0	22.68
CP-OFDM 64QAM	836.5	167300	5	1	24	23.29
CP-OFDM 64QAM	836.5	167300	5	13	6	23.61
CP-OFDM 64QAM	836.5	167300	5	25	0	22.54
CP-OFDM 256QAM	836.5	167300	5	1	0	22.87
CP-OFDM 256QAM	836.5	167300	5	1	24	23.19
CP-OFDM 256QAM	836.5	167300	5	13	6	22.72
CP-OFDM 256QAM	836.5	167300	5	25	0	22.44
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	0	22.34
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	24	22.67
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	12	6	23.00
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	25	0	22.52
DFT-s-OFDM QPSK	846.5	169300	5	1	0	22.85
DFT-s-OFDM QPSK	846.5	169300	5	1	24	23.18
DFT-s-OFDM QPSK	846.5	169300	5	12	6	23.50
DFT-s-OFDM QPSK	846.5	169300	5	25	0	23.03
DFT-s-OFDM 16QAM	846.5	169300	5	1	0	23.36
DFT-s-OFDM 16QAM	846.5	169300	5	1	24	22.01
DFT-s-OFDM 16QAM	846.5	169300	5	12	6	22.33
DFT-s-OFDM 16QAM	846.5	169300	5	25	0	23.54
DFT-s-OFDM 64QAM	846.5	169300	5	1	0	22.19
DFT-s-OFDM 64QAM	846.5	169300	5	1	24	22.52
DFT-s-OFDM 64QAM	846.5	169300	5	12	6	22.84
DFT-s-OFDM 64QAM	846.5	169300	5	25	0	22.37

DFT-s-OFDM 256QAM	846.5	169300	5	1	0	22.42
DFT-s-OFDM 256QAM	846.5	169300	5	1	24	23.63
DFT-s-OFDM 256QAM	846.5	169300	5	12	6	22.28
DFT-s-OFDM 256QAM	846.5	169300	5	25	0	22.60
CP-OFDM QPSK	846.5	169300	5	1	0	22.93
CP-OFDM QPSK	846.5	169300	5	1	24	22.46
CP-OFDM QPSK	846.5	169300	5	13	6	22.78
CP-OFDM QPSK	846.5	169300	5	25	0	23.11
CP-OFDM 16QAM	846.5	169300	5	1	0	23.44
CP-OFDM 16QAM	846.5	169300	5	1	24	22.97
CP-OFDM 16QAM	846.5	169300	5	13	6	23.29
CP-OFDM 16QAM	846.5	169300	5	25	0	23.62
CP-OFDM 64QAM	846.5	169300	5	1	0	22.27
CP-OFDM 64QAM	846.5	169300	5	1	24	23.48
CP-OFDM 64QAM	846.5	169300	5	13	6	22.12
CP-OFDM 64QAM	846.5	169300	5	25	0	22.45
CP-OFDM 256QAM	846.5	169300	5	1	0	22.78
CP-OFDM 256QAM	846.5	169300	5	1	24	22.30
CP-OFDM 256QAM	846.5	169300	5	13	6	22.63
CP-OFDM 256QAM	846.5	169300	5	25	0	22.96

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	22.15
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	51	22.48
DFT-s-OFDM PI/2 BPSK	829	165800	10	25	12	22.20
DFT-s-OFDM PI/2 BPSK	829	165800	10	50	0	23.41
DFT-s-OFDM QPSK	829	165800	10	1	0	23.13
DFT-s-OFDM QPSK	829	165800	10	1	51	22.66
DFT-s-OFDM QPSK	829	165800	10	25	12	22.38
DFT-s-OFDM QPSK	829	165800	10	50	0	22.71
DFT-s-OFDM 16QAM	829	165800	10	1	0	23.31
DFT-s-OFDM 16QAM	829	165800	10	1	51	23.64
DFT-s-OFDM 16QAM	829	165800	10	25	12	22.56
DFT-s-OFDM 16QAM	829	165800	10	50	0	22.89
DFT-s-OFDM 64QAM	829	165800	10	1	0	23.22
DFT-s-OFDM 64QAM	829	165800	10	1	51	22.14
DFT-s-OFDM 64QAM	829	165800	10	25	12	22.47
DFT-s-OFDM 64QAM	829	165800	10	50	0	23.07
DFT-s-OFDM 256QAM	829	165800	10	1	0	23.40
DFT-s-OFDM 256QAM	829	165800	10	1	51	22.05
DFT-s-OFDM 256QAM	829	165800	10	25	12	22.65
DFT-s-OFDM 256QAM	829	165800	10	50	0	22.98
CP-OFDM QPSK	829	165800	10	1	0	23.58
CP-OFDM QPSK	829	165800	10	1	51	22.23
CP-OFDM QPSK	829	165800	10	26	13	22.83

CP-OFDM QPSK	829	165800	10	52	0	23.16
CP-OFDM 16QAM	829	165800	10	1	0	22.08
CP-OFDM 16QAM	829	165800	10	1	51	22.41
CP-OFDM 16QAM	829	165800	10	26	13	23.02
CP-OFDM 16QAM	829	165800	10	52	0	23.34
CP-OFDM 64QAM	829	165800	10	1	0	23.67
CP-OFDM 64QAM	829	165800	10	1	51	22.59
CP-OFDM 64QAM	829	165800	10	26	13	22.92
CP-OFDM 64QAM	829	165800	10	52	0	23.52
CP-OFDM 256QAM	829	165800	10	1	0	22.17
CP-OFDM 256QAM	829	165800	10	1	51	23.58
CP-OFDM 256QAM	829	165800	10	26	13	23.10
CP-OFDM 256QAM	829	165800	10	52	0	22.83
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	0	22.30
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	51	22.02
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	25	12	23.23
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	50	0	23.56
DFT-s-OFDM QPSK	836.5	167300	10	1	0	22.20
DFT-s-OFDM QPSK	836.5	167300	10	1	51	22.81
DFT-s-OFDM QPSK	836.5	167300	10	25	12	23.13
DFT-s-OFDM QPSK	836.5	167300	10	50	0	22.06
DFT-s-OFDM 16QAM	836.5	167300	10	1	0	22.39
DFT-s-OFDM 16QAM	836.5	167300	10	1	51	22.71
DFT-s-OFDM 16QAM	836.5	167300	10	25	12	23.32
DFT-s-OFDM 16QAM	836.5	167300	10	50	0	23.64
DFT-s-OFDM 64QAM	836.5	167300	10	1	0	22.29
DFT-s-OFDM 64QAM	836.5	167300	10	1	51	22.89
DFT-s-OFDM 64QAM	836.5	167300	10	25	12	23.22
DFT-s-OFDM 64QAM	836.5	167300	10	50	0	23.55
DFT-s-OFDM 256QAM	836.5	167300	10	1	0	22.47
DFT-s-OFDM 256QAM	836.5	167300	10	1	51	22.80
DFT-s-OFDM 256QAM	836.5	167300	10	25	12	23.13
DFT-s-OFDM 256QAM	836.5	167300	10	50	0	22.05
CP-OFDM QPSK	836.5	167300	10	1	0	22.38
CP-OFDM QPSK	836.5	167300	10	1	51	23.59
CP-OFDM QPSK	836.5	167300	10	26	13	22.23
CP-OFDM QPSK	836.5	167300	10	52	0	23.64
CP-OFDM 16QAM	836.5	167300	10	1	0	23.16
CP-OFDM 16QAM	836.5	167300	10	1	51	23.49
CP-OFDM 16QAM	836.5	167300	10	26	13	22.41
CP-OFDM 16QAM	836.5	167300	10	52	0	22.74
CP-OFDM 64QAM	836.5	167300	10	1	0	23.07
CP-OFDM 64QAM	836.5	167300	10	1	51	23.40
CP-OFDM 64QAM	836.5	167300	10	26	13	22.32
CP-OFDM 64QAM	836.5	167300	10	52	0	22.65
CP-OFDM 256QAM	836.5	167300	10	1	0	22.98

CP-OFDM 256QAM	836.5	167300	10	1	51	22.50
CP-OFDM 256QAM	836.5	167300	10	26	13	22.23
CP-OFDM 256QAM	836.5	167300	10	52	0	23.43
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	0	23.26
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	51	23.59
DFT-s-OFDM PI/2 BPSK	844	168800	10	25	12	22.23
DFT-s-OFDM PI/2 BPSK	844	168800	10	50	0	23.44
DFT-s-OFDM QPSK	844	168800	10	1	0	22.09
DFT-s-OFDM QPSK	844	168800	10	1	51	23.49
DFT-s-OFDM QPSK	844	168800	10	25	12	23.02
DFT-s-OFDM QPSK	844	168800	10	50	0	23.35
DFT-s-OFDM 16QAM	844	168800	10	1	0	23.68
DFT-s-OFDM 16QAM	844	168800	10	1	51	22.32
DFT-s-OFDM 16QAM	844	168800	10	25	12	23.53
DFT-s-OFDM 16QAM	844	168800	10	50	0	22.18
DFT-s-OFDM 64QAM	844	168800	10	1	0	22.50
DFT-s-OFDM 64QAM	844	168800	10	1	51	22.83
DFT-s-OFDM 64QAM	844	168800	10	25	12	22.36
DFT-s-OFDM 64QAM	844	168800	10	50	0	22.69
DFT-s-OFDM 256QAM	844	168800	10	1	0	23.01
DFT-s-OFDM 256QAM	844	168800	10	1	51	23.34
DFT-s-OFDM 256QAM	844	168800	10	25	12	22.87
DFT-s-OFDM 256QAM	844	168800	10	50	0	23.20
CP-OFDM QPSK	844	168800	10	1	0	23.52
CP-OFDM QPSK	844	168800	10	1	51	22.17
CP-OFDM QPSK	844	168800	10	26	13	22.77
CP-OFDM QPSK	844	168800	10	52	0	23.10
CP-OFDM 16QAM	844	168800	10	1	0	22.63
CP-OFDM 16QAM	844	168800	10	1	51	22.96
CP-OFDM 16QAM	844	168800	10	26	13	23.28
CP-OFDM 16QAM	844	168800	10	52	0	23.61
CP-OFDM 64QAM	844	168800	10	1	0	23.14
CP-OFDM 64QAM	844	168800	10	1	51	23.46
CP-OFDM 64QAM	844	168800	10	26	13	22.11
CP-OFDM 64QAM	844	168800	10	52	0	22.44
CP-OFDM 256QAM	844	168800	10	1	0	23.65
CP-OFDM 256QAM	844	168800	10	1	51	23.37
CP-OFDM 256QAM	844	168800	10	26	13	22.62
CP-OFDM 256QAM	844	168800	10	52	0	23.22

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	23.22
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	78	23.55
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	36	18	23.27
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	75	0	22.80

DFT-s-OFDM QPSK	831.5	166300	15	1	0	22.52
DFT-s-OFDM QPSK	831.5	166300	15	1	78	22.05
DFT-s-OFDM QPSK	831.5	166300	15	36	18	23.45
DFT-s-OFDM QPSK	831.5	166300	15	75	0	22.10
DFT-s-OFDM 16QAM	831.5	166300	15	1	0	23.31
DFT-s-OFDM 16QAM	831.5	166300	15	1	78	23.03
DFT-s-OFDM 16QAM	831.5	166300	15	36	18	22.56
DFT-s-OFDM 16QAM	831.5	166300	15	75	0	22.28
DFT-s-OFDM 64QAM	831.5	166300	15	1	0	22.61
DFT-s-OFDM 64QAM	831.5	166300	15	1	78	23.21
DFT-s-OFDM 64QAM	831.5	166300	15	36	18	23.54
DFT-s-OFDM 64QAM	831.5	166300	15	75	0	22.47
DFT-s-OFDM 256QAM	831.5	166300	15	1	0	22.79
DFT-s-OFDM 256QAM	831.5	166300	15	1	78	23.12
DFT-s-OFDM 256QAM	831.5	166300	15	36	18	22.04
DFT-s-OFDM 256QAM	831.5	166300	15	75	0	22.37
CP-OFDM QPSK	831.5	166300	15	1	0	22.97
CP-OFDM QPSK	831.5	166300	15	1	78	23.30
CP-OFDM QPSK	831.5	166300	15	39	19	23.63
CP-OFDM QPSK	831.5	166300	15	79	0	22.55
CP-OFDM 16QAM	831.5	166300	15	1	0	22.88
CP-OFDM 16QAM	831.5	166300	15	1	78	23.48
CP-OFDM 16QAM	831.5	166300	15	39	19	22.13
CP-OFDM 16QAM	831.5	166300	15	79	0	22.74
CP-OFDM 64QAM	831.5	166300	15	1	0	23.06
CP-OFDM 64QAM	831.5	166300	15	1	78	23.67
CP-OFDM 64QAM	831.5	166300	15	39	19	22.31
CP-OFDM 64QAM	831.5	166300	15	79	0	22.64
CP-OFDM 256QAM	831.5	166300	15	1	0	22.97
CP-OFDM 256QAM	831.5	166300	15	1	78	23.57
CP-OFDM 256QAM	831.5	166300	15	39	19	22.22
CP-OFDM 256QAM	831.5	166300	15	79	0	22.82
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	0	22.41
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	78	22.74
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	36	18	22.26
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	75	0	23.67
DFT-s-OFDM QPSK	836.5	167300	15	1	0	22.32
DFT-s-OFDM QPSK	836.5	167300	15	1	78	23.52
DFT-s-OFDM QPSK	836.5	167300	15	36	18	22.17
DFT-s-OFDM QPSK	836.5	167300	15	75	0	22.77
DFT-s-OFDM 16QAM	836.5	167300	15	1	0	23.10
DFT-s-OFDM 16QAM	836.5	167300	15	1	78	23.43
DFT-s-OFDM 16QAM	836.5	167300	15	36	18	22.08
DFT-s-OFDM 16QAM	836.5	167300	15	75	0	22.68
DFT-s-OFDM 64QAM	836.5	167300	15	1	0	23.01
DFT-s-OFDM 64QAM	836.5	167300	15	1	78	23.33

DFT-s-OFDM 64QAM	836.5	167300	15	36	18	22.86
DFT-s-OFDM 64QAM	836.5	167300	15	75	0	22.58
DFT-s-OFDM 256QAM	836.5	167300	15	1	0	22.11
DFT-s-OFDM 256QAM	836.5	167300	15	1	78	22.44
DFT-s-OFDM 256QAM	836.5	167300	15	36	18	22.77
DFT-s-OFDM 256QAM	836.5	167300	15	75	0	23.09
CP-OFDM QPSK	836.5	167300	15	1	0	22.02
CP-OFDM QPSK	836.5	167300	15	1	78	22.34
CP-OFDM QPSK	836.5	167300	15	39	19	22.67
CP-OFDM QPSK	836.5	167300	15	79	0	22.20
CP-OFDM 16QAM	836.5	167300	15	1	0	23.60
CP-OFDM 16QAM	836.5	167300	15	1	78	23.13
CP-OFDM 16QAM	836.5	167300	15	39	19	23.46
CP-OFDM 16QAM	836.5	167300	15	79	0	22.10
CP-OFDM 64QAM	836.5	167300	15	1	0	22.71
CP-OFDM 64QAM	836.5	167300	15	1	78	23.04
CP-OFDM 64QAM	836.5	167300	15	39	19	23.36
CP-OFDM 64QAM	836.5	167300	15	79	0	22.01
CP-OFDM 256QAM	836.5	167300	15	1	0	23.22
CP-OFDM 256QAM	836.5	167300	15	1	78	23.54
CP-OFDM 256QAM	836.5	167300	15	39	19	22.47
CP-OFDM 256QAM	836.5	167300	15	79	0	22.80
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	0	23.39
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	78	22.92
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	36	18	23.25
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	75	0	23.58
DFT-s-OFDM QPSK	841.5	168300	15	1	0	22.50
DFT-s-OFDM QPSK	841.5	168300	15	1	78	22.83
DFT-s-OFDM QPSK	841.5	168300	15	36	18	23.15
DFT-s-OFDM QPSK	841.5	168300	15	75	0	22.68
DFT-s-OFDM 16QAM	841.5	168300	15	1	0	22.73
DFT-s-OFDM 16QAM	841.5	168300	15	1	78	23.34
DFT-s-OFDM 16QAM	841.5	168300	15	36	18	23.66
DFT-s-OFDM 16QAM	841.5	168300	15	75	0	23.19
DFT-s-OFDM 64QAM	841.5	168300	15	1	0	23.52
DFT-s-OFDM 64QAM	841.5	168300	15	1	78	22.17
DFT-s-OFDM 64QAM	841.5	168300	15	36	18	22.49
DFT-s-OFDM 64QAM	841.5	168300	15	75	0	22.02
DFT-s-OFDM 256QAM	841.5	168300	15	1	0	22.35
DFT-s-OFDM 256QAM	841.5	168300	15	1	78	22.67
DFT-s-OFDM 256QAM	841.5	168300	15	36	18	23.00
DFT-s-OFDM 256QAM	841.5	168300	15	75	0	22.53
CP-OFDM QPSK	841.5	168300	15	1	0	22.86
CP-OFDM QPSK	841.5	168300	15	1	78	23.18
CP-OFDM QPSK	841.5	168300	15	39	19	23.51
CP-OFDM QPSK	841.5	168300	15	79	0	23.04

CP-OFDM 16QAM	841.5	168300	15	1	0	23.37
CP-OFDM 16QAM	841.5	168300	15	1	78	22.01
CP-OFDM 16QAM	841.5	168300	15	39	19	22.34
CP-OFDM 16QAM	841.5	168300	15	79	0	23.55
CP-OFDM 64QAM	841.5	168300	15	1	0	22.19
CP-OFDM 64QAM	841.5	168300	15	1	78	22.52
CP-OFDM 64QAM	841.5	168300	15	39	19	22.85
CP-OFDM 64QAM	841.5	168300	15	79	0	22.38
CP-OFDM 256QAM	841.5	168300	15	1	0	22.70
CP-OFDM 256QAM	841.5	168300	15	1	78	23.03
CP-OFDM 256QAM	841.5	168300	15	39	19	23.36
CP-OFDM 256QAM	841.5	168300	15	79	0	22.89

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	22.94
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	105	23.27
DFT-s-OFDM PI/2 BPSK	834	166800	20	50	25	22.19
DFT-s-OFDM PI/2 BPSK	834	166800	20	100	0	22.52
DFT-s-OFDM QPSK	834	166800	20	1	0	23.12
DFT-s-OFDM QPSK	834	166800	20	1	105	23.45
DFT-s-OFDM QPSK	834	166800	20	50	25	22.10
DFT-s-OFDM QPSK	834	166800	20	100	0	22.70
DFT-s-OFDM 16QAM	834	166800	20	1	0	23.03
DFT-s-OFDM 16QAM	834	166800	20	1	105	23.63
DFT-s-OFDM 16QAM	834	166800	20	50	25	22.28
DFT-s-OFDM 16QAM	834	166800	20	100	0	23.68
DFT-s-OFDM 64QAM	834	166800	20	1	0	23.21
DFT-s-OFDM 64QAM	834	166800	20	1	105	23.54
DFT-s-OFDM 64QAM	834	166800	20	50	25	22.46
DFT-s-OFDM 64QAM	834	166800	20	100	0	22.79
DFT-s-OFDM 256QAM	834	166800	20	1	0	23.12
DFT-s-OFDM 256QAM	834	166800	20	1	105	22.04
DFT-s-OFDM 256QAM	834	166800	20	50	25	22.37
DFT-s-OFDM 256QAM	834	166800	20	100	0	22.69
CP-OFDM QPSK	834	166800	20	1	0	23.30
CP-OFDM QPSK	834	166800	20	1	105	23.63
CP-OFDM QPSK	834	166800	20	53	26	22.27
CP-OFDM QPSK	834	166800	20	106	0	22.88
CP-OFDM 16QAM	834	166800	20	1	0	23.20
CP-OFDM 16QAM	834	166800	20	1	105	22.13
CP-OFDM 16QAM	834	166800	20	53	26	22.45
CP-OFDM 16QAM	834	166800	20	106	0	22.78
CP-OFDM 64QAM	834	166800	20	1	0	23.39
CP-OFDM 64QAM	834	166800	20	1	105	22.03
CP-OFDM 64QAM	834	166800	20	53	26	22.64



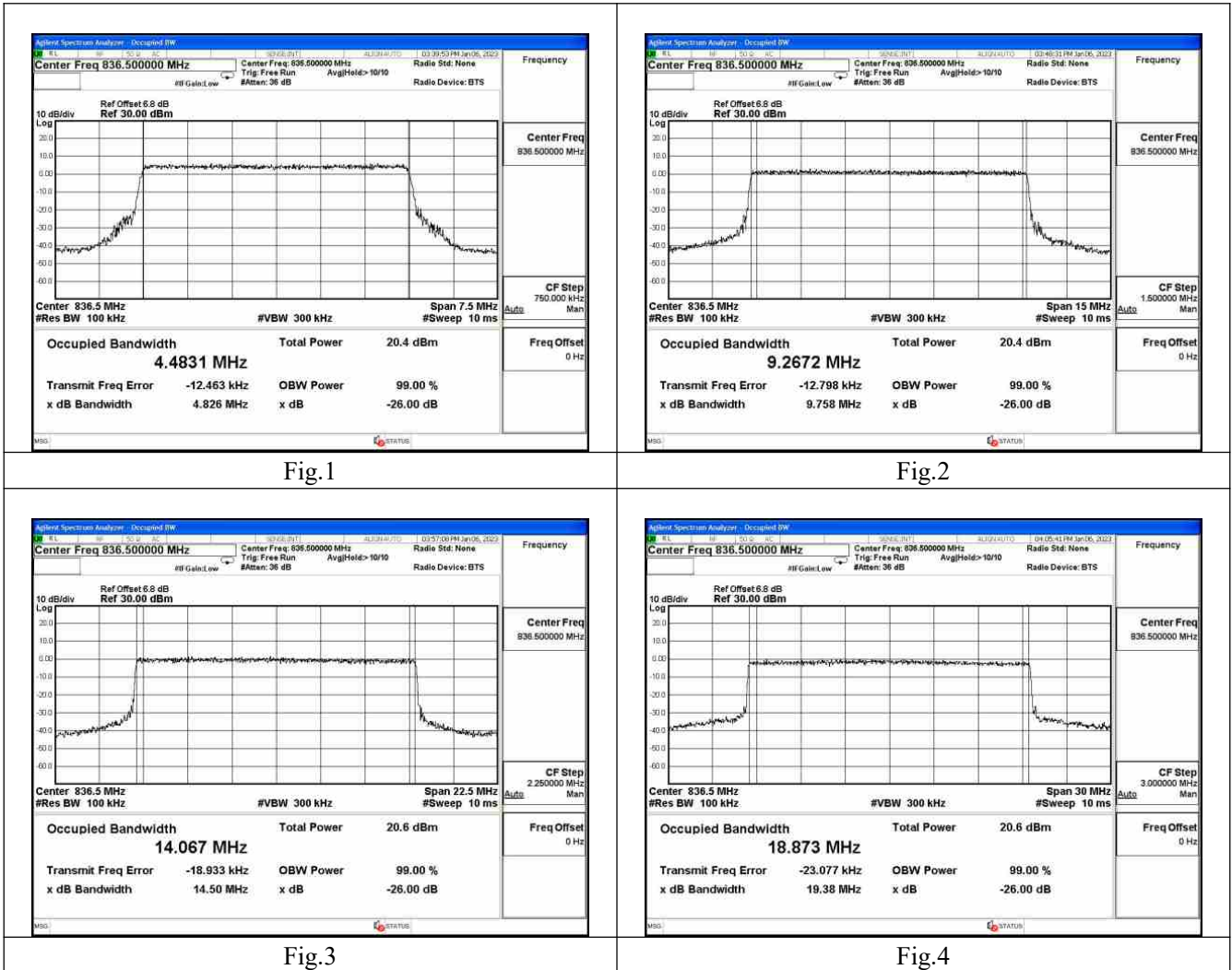
CP-OFDM 64QAM	834	166800	20	106	0	22.96
CP-OFDM 256QAM	834	166800	20	1	0	23.29
CP-OFDM 256QAM	834	166800	20	1	105	22.21
CP-OFDM 256QAM	834	166800	20	53	26	22.54
CP-OFDM 256QAM	834	166800	20	106	0	23.15
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	0	22.37
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	105	22.98
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	50	25	23.30
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	100	0	23.63
DFT-s-OFDM QPSK	836.5	167300	20	1	0	22.28
DFT-s-OFDM QPSK	836.5	167300	20	1	105	23.49
DFT-s-OFDM QPSK	836.5	167300	20	50	25	22.13
DFT-s-OFDM QPSK	836.5	167300	20	100	0	22.46
DFT-s-OFDM 16QAM	836.5	167300	20	1	0	23.06
DFT-s-OFDM 16QAM	836.5	167300	20	1	105	23.39
DFT-s-OFDM 16QAM	836.5	167300	20	50	25	22.04
DFT-s-OFDM 16QAM	836.5	167300	20	100	0	22.37
DFT-s-OFDM 64QAM	836.5	167300	20	1	0	22.97
DFT-s-OFDM 64QAM	836.5	167300	20	1	105	23.30
DFT-s-OFDM 64QAM	836.5	167300	20	50	25	22.82
DFT-s-OFDM 64QAM	836.5	167300	20	100	0	23.15
DFT-s-OFDM 256QAM	836.5	167300	20	1	0	23.48
DFT-s-OFDM 256QAM	836.5	167300	20	1	105	22.13
DFT-s-OFDM 256QAM	836.5	167300	20	50	25	22.73
DFT-s-OFDM 256QAM	836.5	167300	20	100	0	23.06
CP-OFDM QPSK	836.5	167300	20	1	0	23.39
CP-OFDM QPSK	836.5	167300	20	1	105	22.91
CP-OFDM QPSK	836.5	167300	20	53	26	23.24
CP-OFDM QPSK	836.5	167300	20	106	0	22.16
CP-OFDM 16QAM	836.5	167300	20	1	0	22.49
CP-OFDM 16QAM	836.5	167300	20	1	105	22.82
CP-OFDM 16QAM	836.5	167300	20	53	26	23.15
CP-OFDM 16QAM	836.5	167300	20	106	0	22.67
CP-OFDM 64QAM	836.5	167300	20	1	0	22.40
CP-OFDM 64QAM	836.5	167300	20	1	105	22.73
CP-OFDM 64QAM	836.5	167300	20	53	26	22.25
CP-OFDM 64QAM	836.5	167300	20	106	0	22.58
CP-OFDM 256QAM	836.5	167300	20	1	0	22.91
CP-OFDM 256QAM	836.5	167300	20	1	105	23.51
CP-OFDM 256QAM	836.5	167300	20	53	26	22.16
CP-OFDM 256QAM	836.5	167300	20	106	0	22.49
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	22.31
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	105	22.63
DFT-s-OFDM PI/2 BPSK	839	167800	20	50	25	22.16
DFT-s-OFDM PI/2 BPSK	839	167800	20	100	0	22.49
DFT-s-OFDM QPSK	839	167800	20	1	0	23.42

DFT-s-OFDM QPSK	839	167800	20	1	105	22.07
DFT-s-OFDM QPSK	839	167800	20	50	25	22.67
DFT-s-OFDM QPSK	839	167800	20	100	0	23.60
DFT-s-OFDM 16QAM	839	167800	20	1	0	23.33
DFT-s-OFDM 16QAM	839	167800	20	1	105	23.65
DFT-s-OFDM 16QAM	839	167800	20	50	25	23.18
DFT-s-OFDM 16QAM	839	167800	20	100	0	23.51
DFT-s-OFDM 64QAM	839	167800	20	1	0	22.15
DFT-s-OFDM 64QAM	839	167800	20	1	105	22.48
DFT-s-OFDM 64QAM	839	167800	20	50	25	22.01
DFT-s-OFDM 64QAM	839	167800	20	100	0	22.34
DFT-s-OFDM 256QAM	839	167800	20	1	0	22.66
DFT-s-OFDM 256QAM	839	167800	20	1	105	22.99
DFT-s-OFDM 256QAM	839	167800	20	50	25	22.52
DFT-s-OFDM 256QAM	839	167800	20	100	0	22.85
CP-OFDM QPSK	839	167800	20	1	0	23.17
CP-OFDM QPSK	839	167800	20	1	105	23.50
CP-OFDM QPSK	839	167800	20	53	26	22.75
CP-OFDM QPSK	839	167800	20	106	0	22.28
CP-OFDM 16QAM	839	167800	20	1	0	22.61
CP-OFDM 16QAM	839	167800	20	1	105	22.93
CP-OFDM 16QAM	839	167800	20	53	26	23.26
CP-OFDM 16QAM	839	167800	20	106	0	22.79
CP-OFDM 64QAM	839	167800	20	1	0	23.11
CP-OFDM 64QAM	839	167800	20	1	105	23.44
CP-OFDM 64QAM	839	167800	20	53	26	22.09
CP-OFDM 64QAM	839	167800	20	106	0	23.30
CP-OFDM 256QAM	839	167800	20	1	0	23.62
CP-OFDM 256QAM	839	167800	20	1	105	22.27
CP-OFDM 256QAM	839	167800	20	53	26	22.60
CP-OFDM 256QAM	839	167800	20	106	0	22.13

**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	4.480	Fig.1
CP-OFDM QPSK	836.5	167300	10	52	0	9.270	Fig.2
CP-OFDM QPSK	836.5	167300	15	79	0	14.070	Fig.3
CP-OFDM QPSK	836.5	167300	20	106	0	18.870	Fig.4

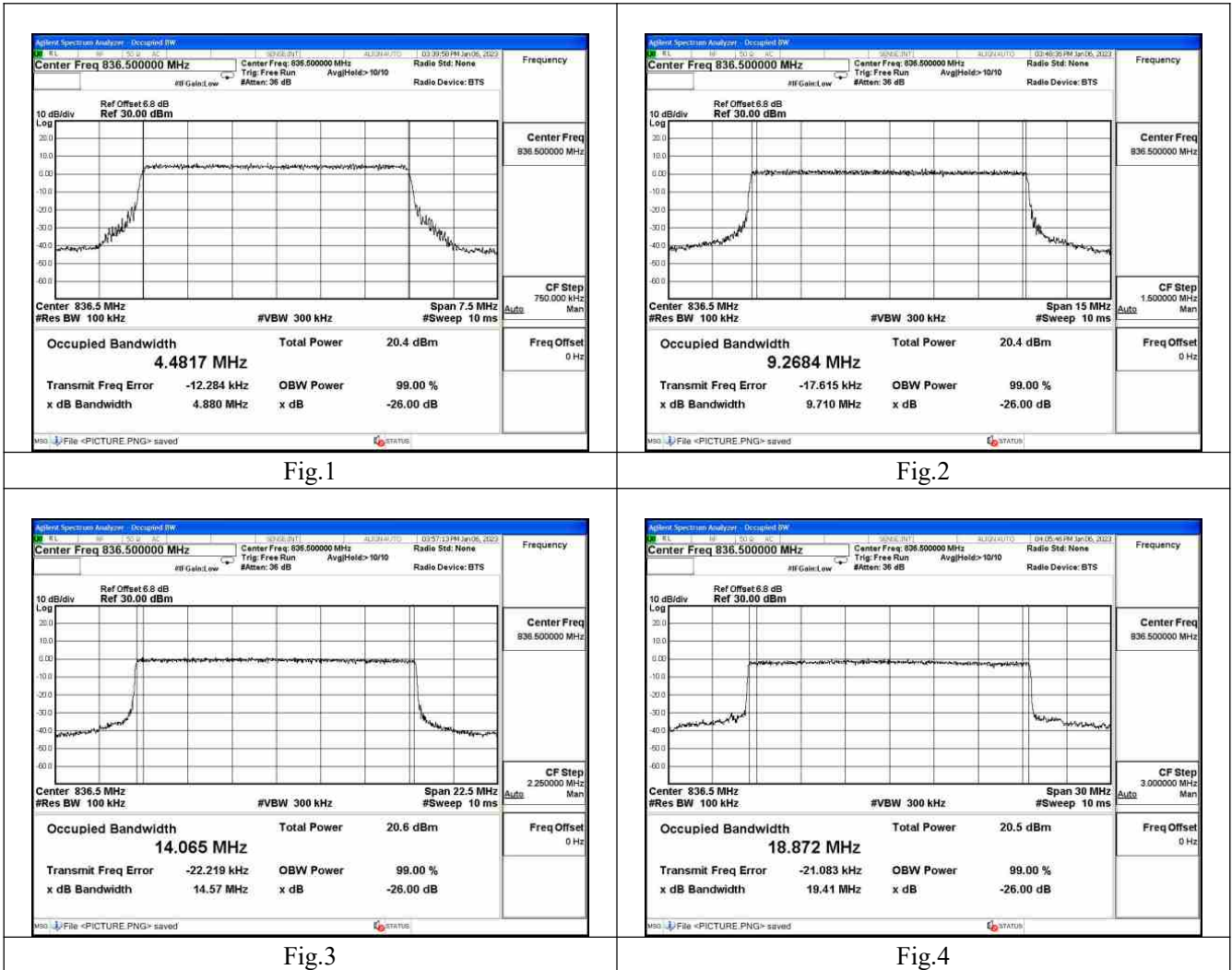
Test Plot:



### 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	4.780	Fig.1
CP-OFDM QPSK	836.5	167300	10	52	0	9.660	Fig.2
CP-OFDM QPSK	836.5	167300	15	79	0	14.540	Fig.3
CP-OFDM QPSK	836.5	167300	20	106	0	19.420	Fig.4

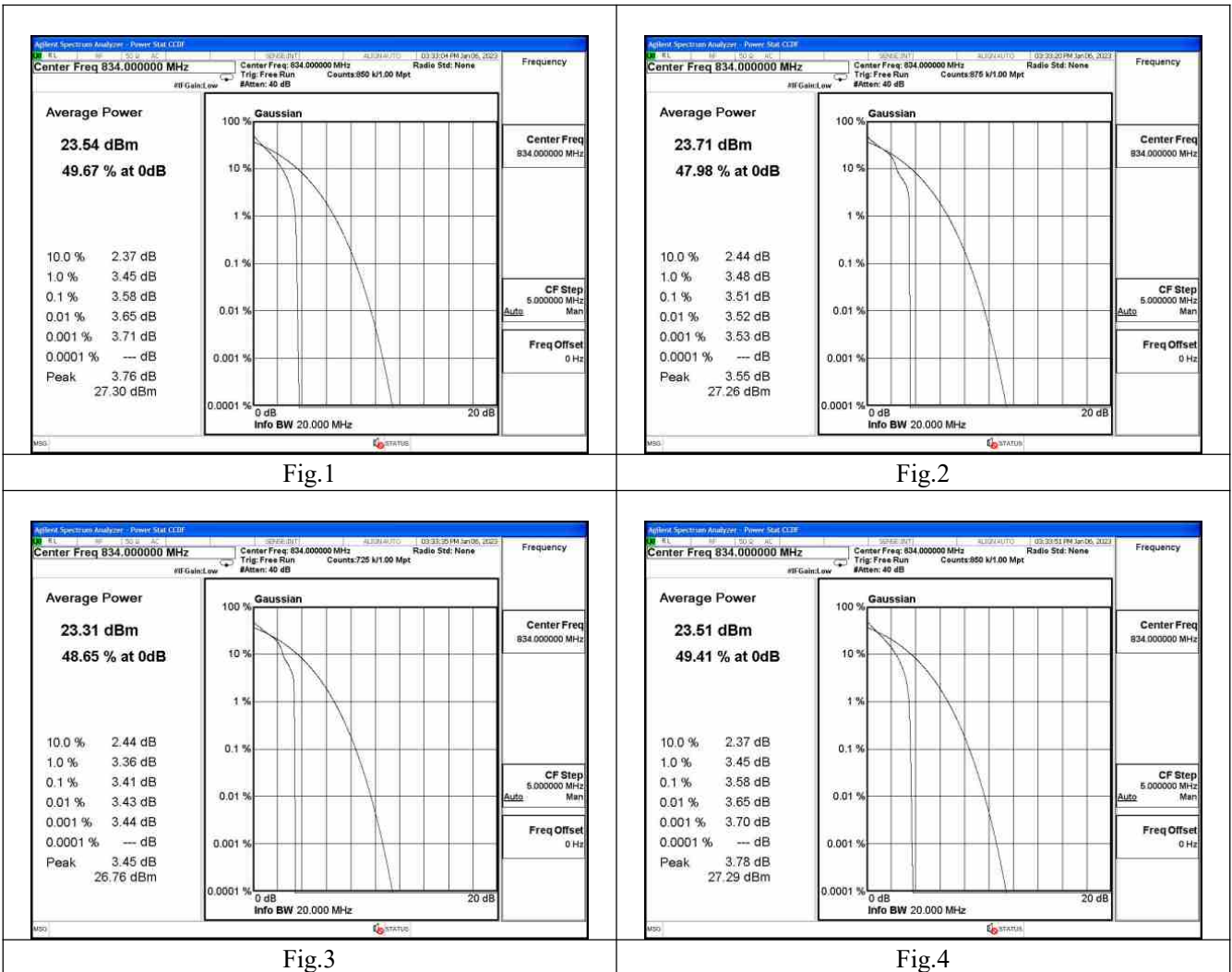
Test Plot:



#### 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:



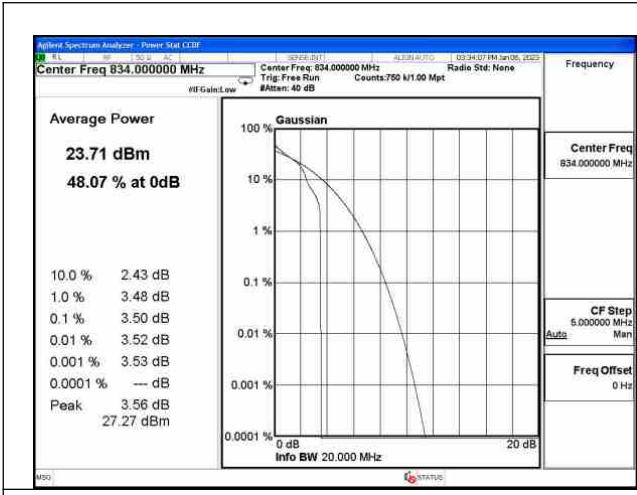


Fig.5

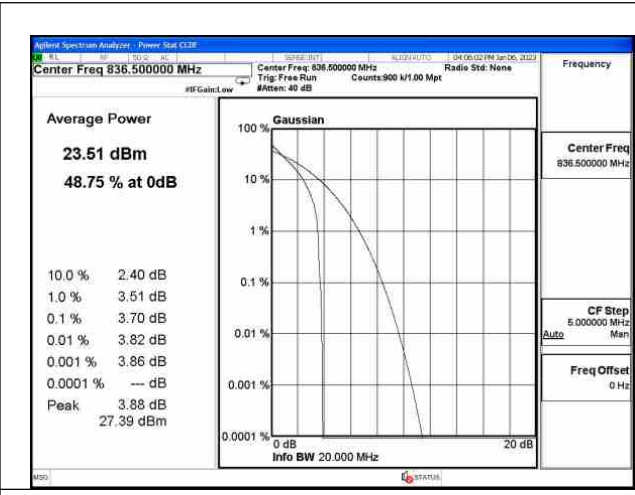


Fig.6

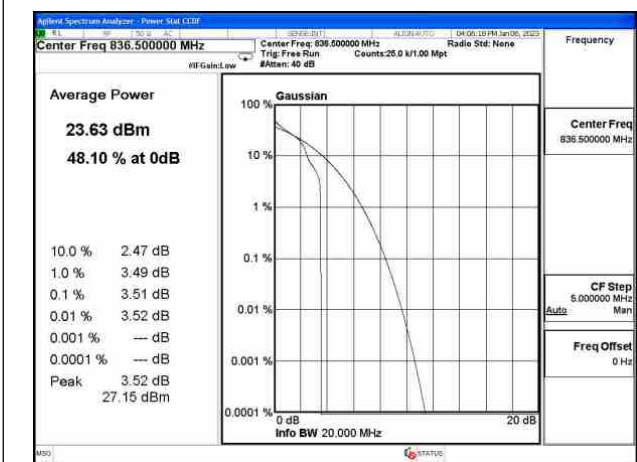


Fig.7

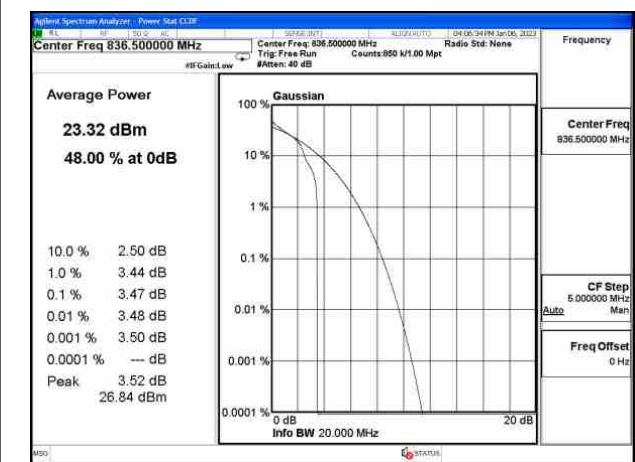


Fig.8

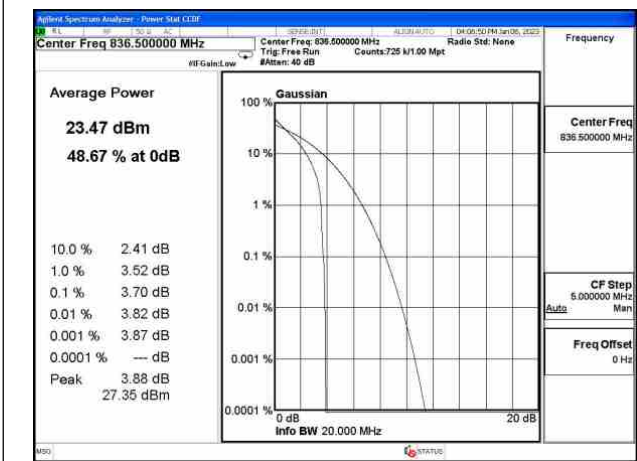


Fig.9

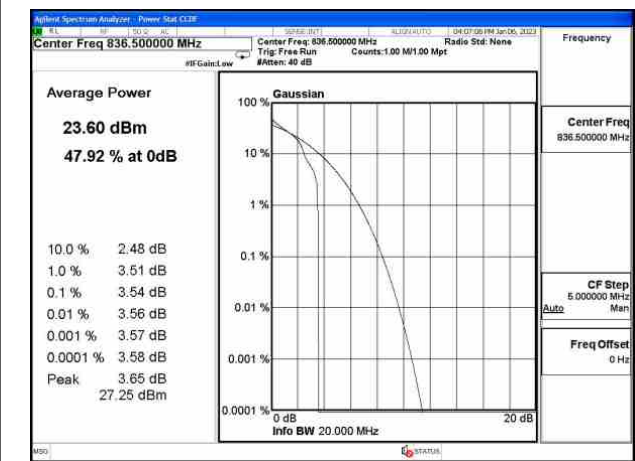


Fig.10

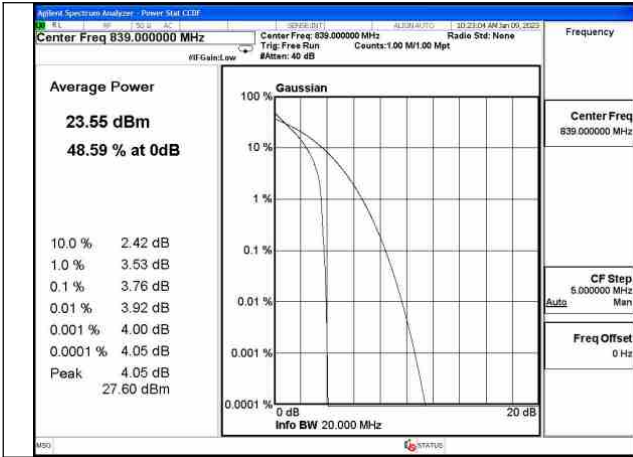


Fig.11

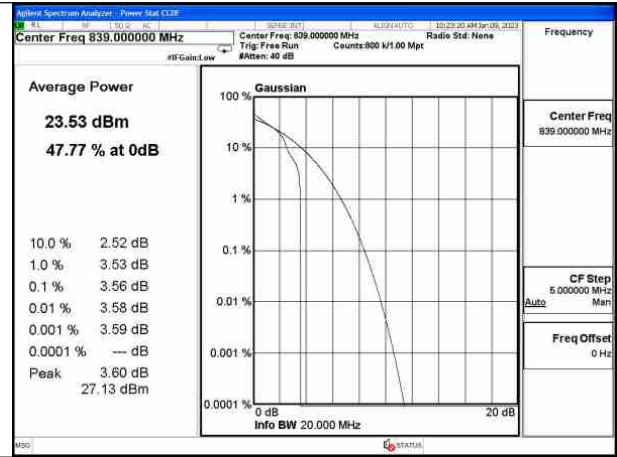


Fig.12

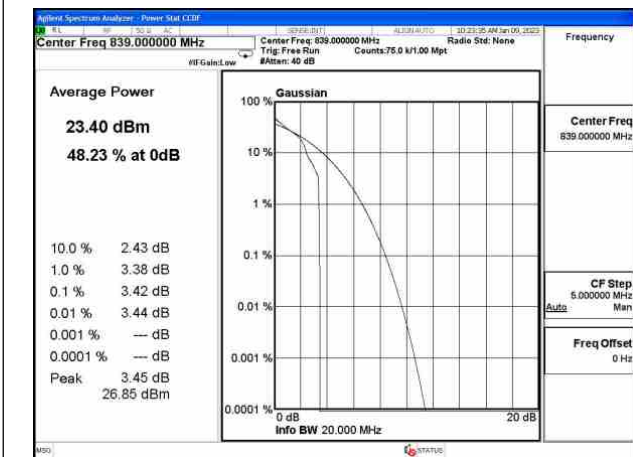


Fig.13

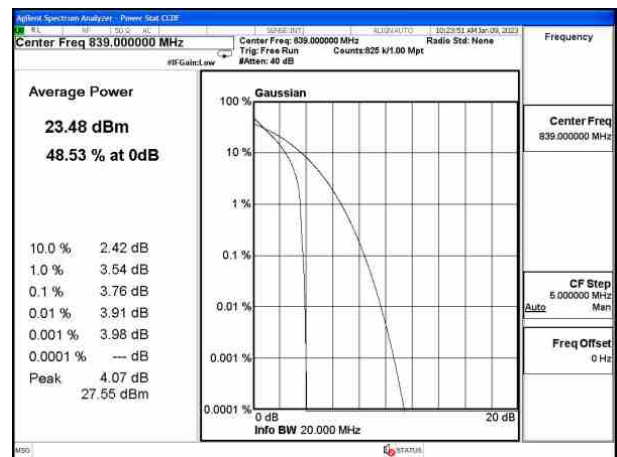


Fig.14

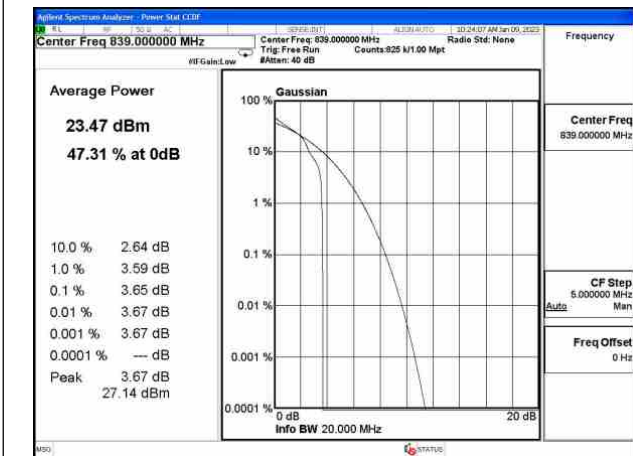


Fig.15

## 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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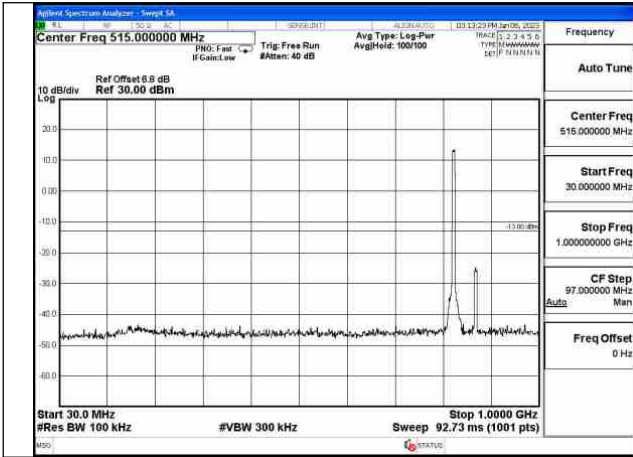


Fig.1

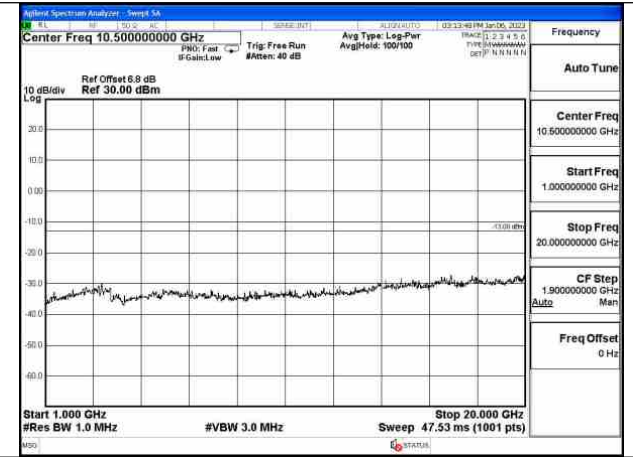


Fig.2

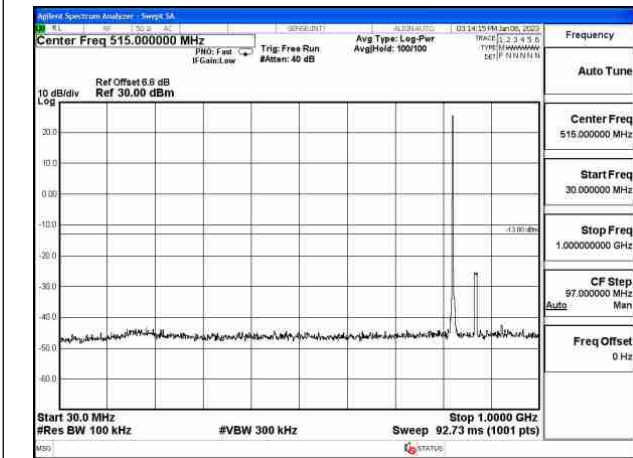


Fig.3

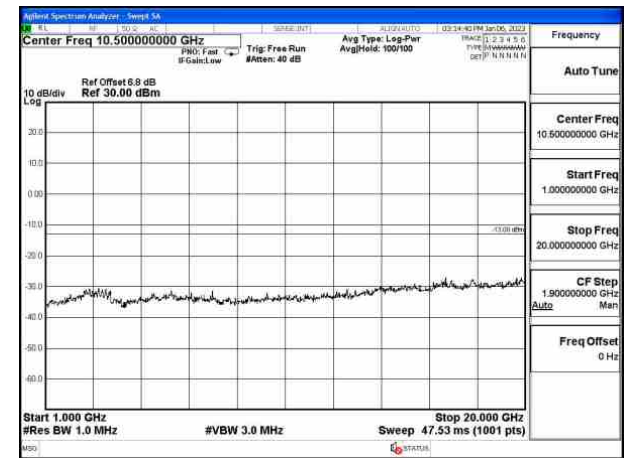


Fig.4

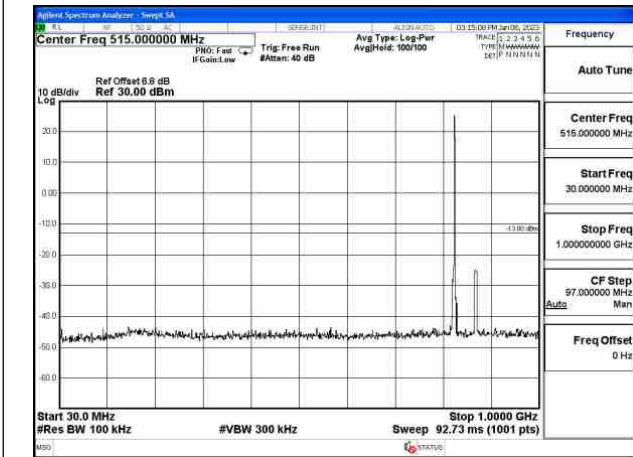


Fig.5

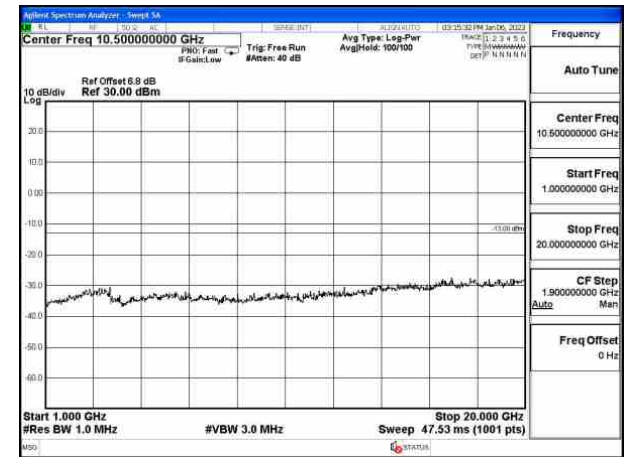


Fig.6

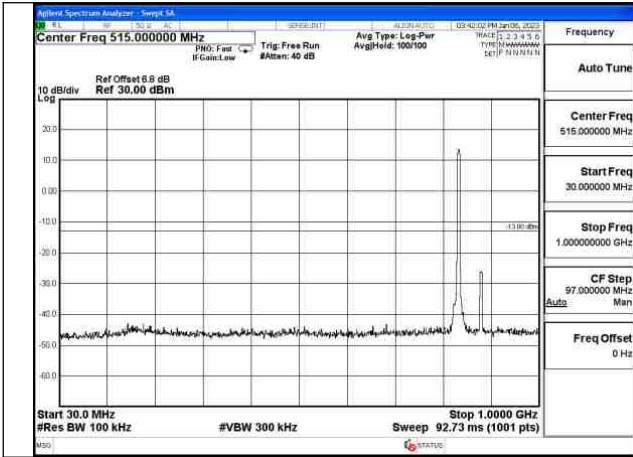


Fig.7

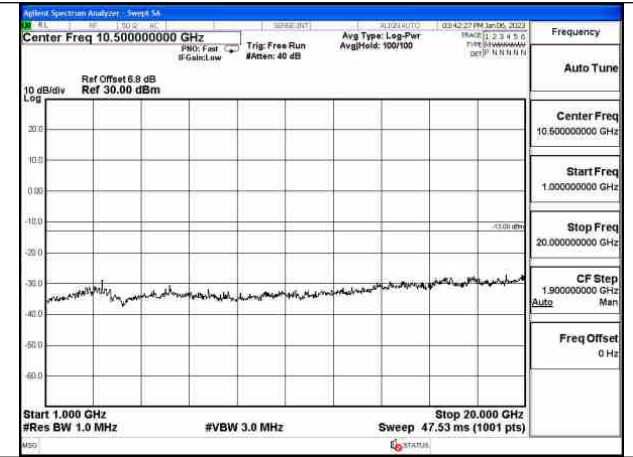


Fig.8

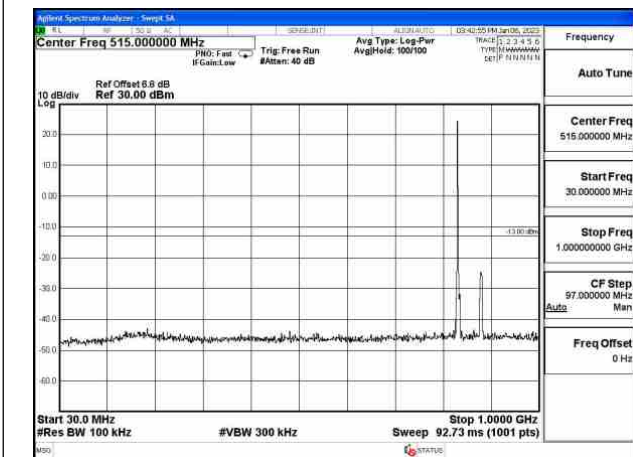


Fig.9



Fig.10

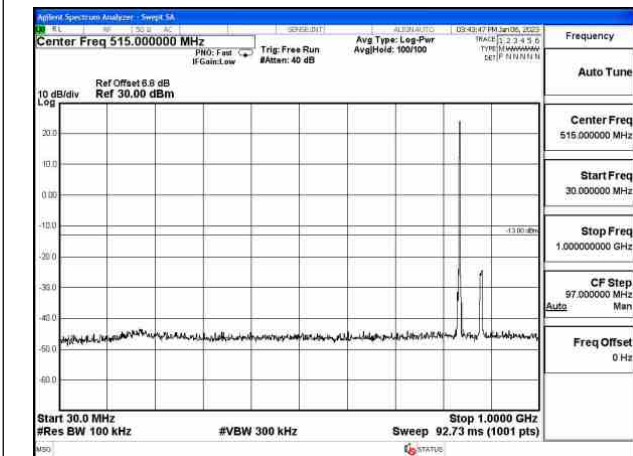


Fig.11

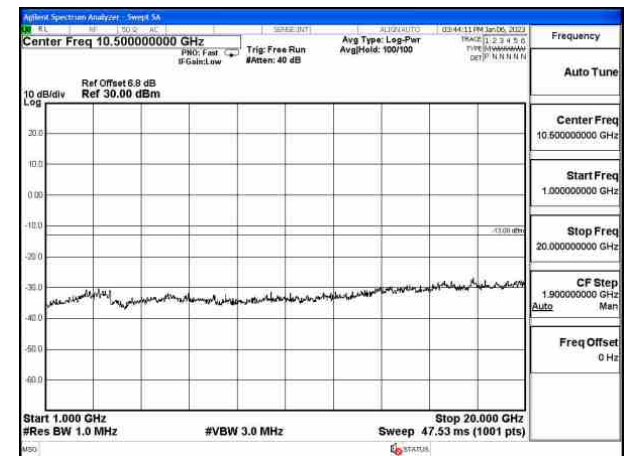


Fig.12

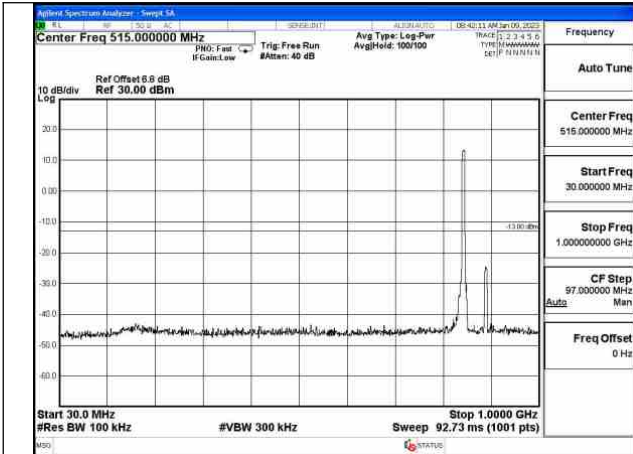


Fig. 13

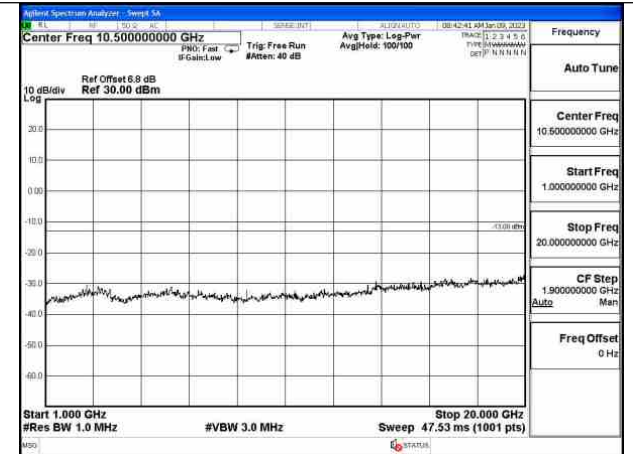


Fig. 14

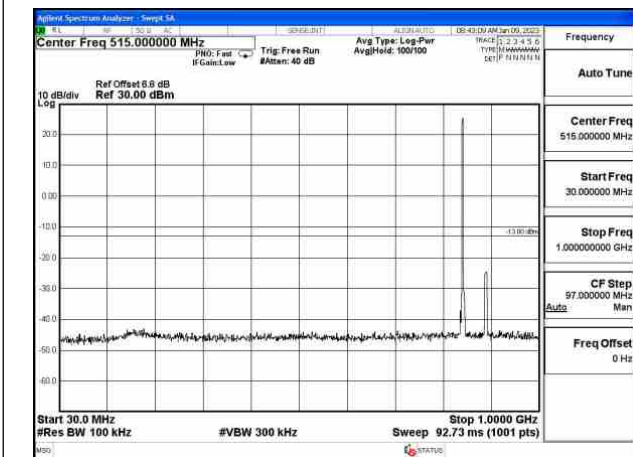


Fig. 15

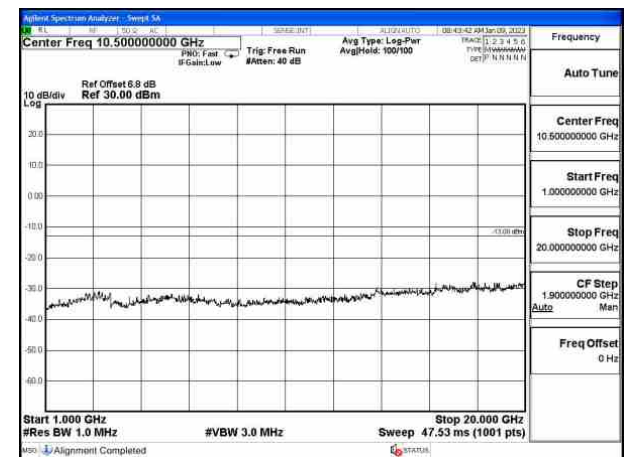


Fig. 16

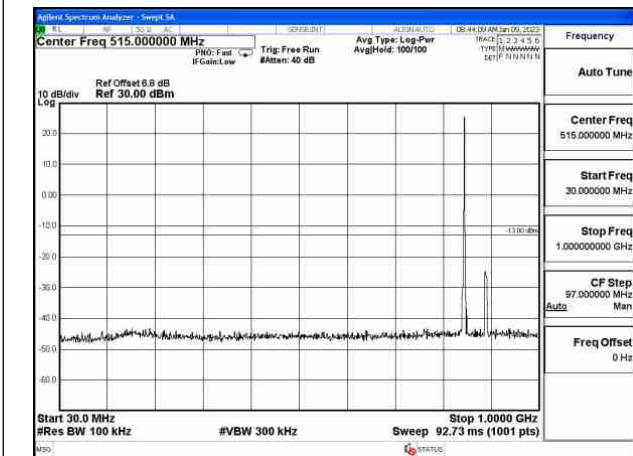


Fig. 17

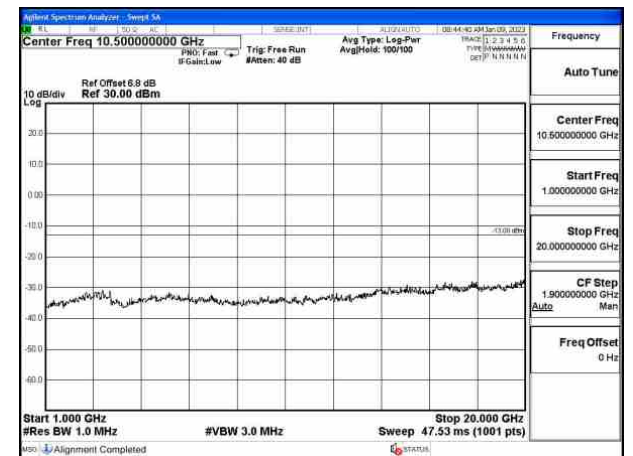


Fig. 18

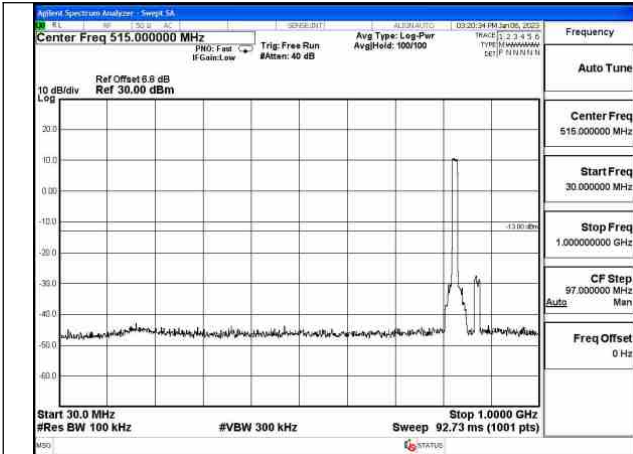


Fig.19

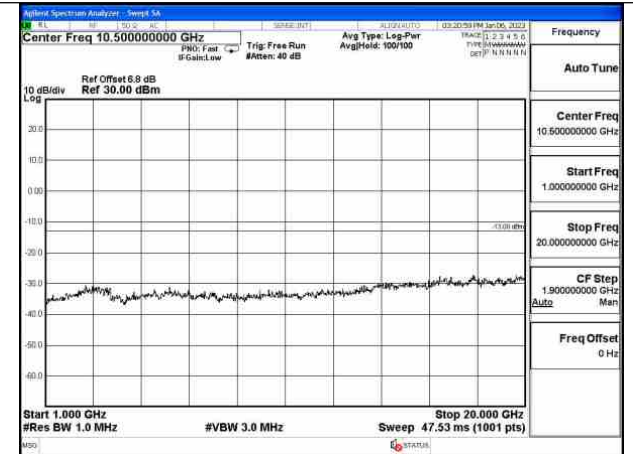


Fig.20

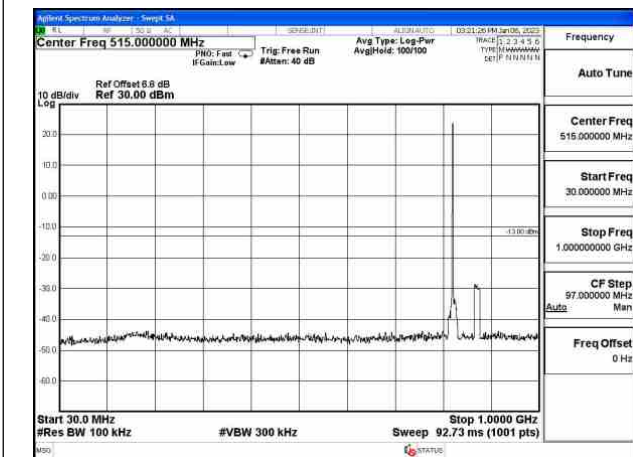


Fig.21

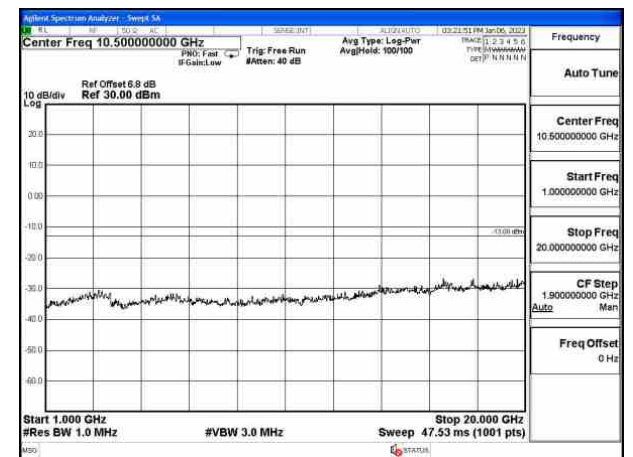


Fig.22

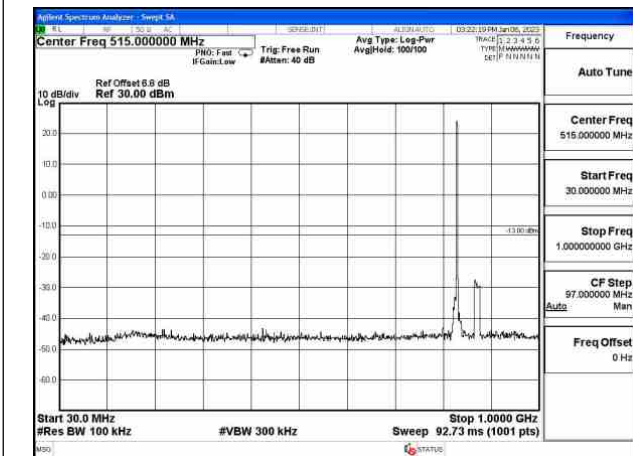


Fig.23

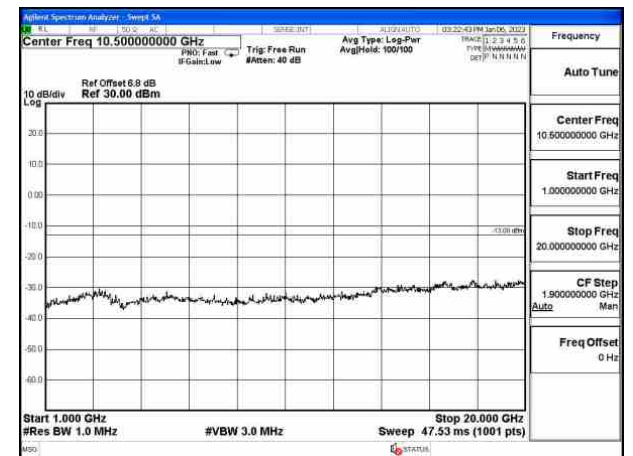


Fig.24

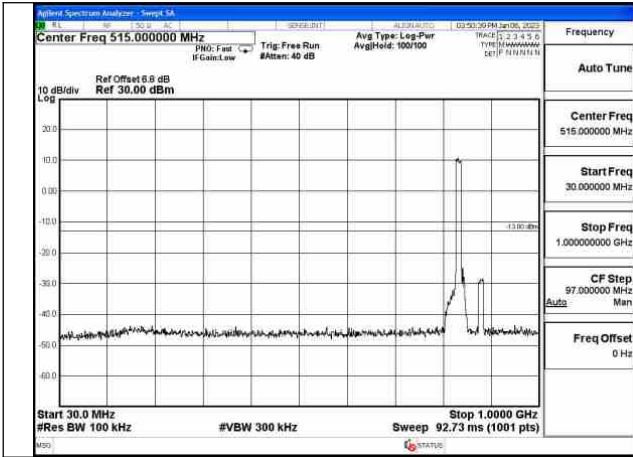


Fig.25

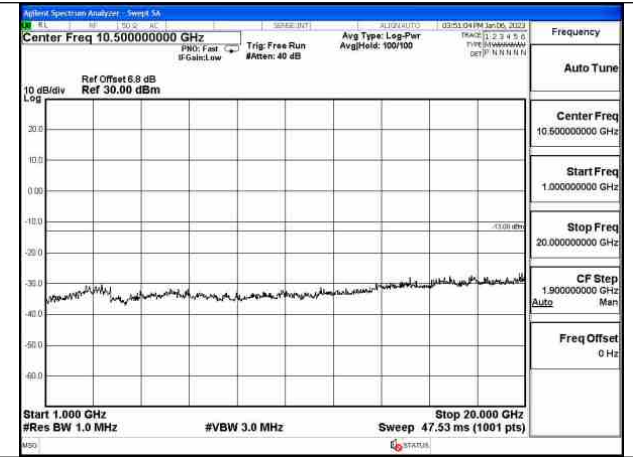


Fig.26

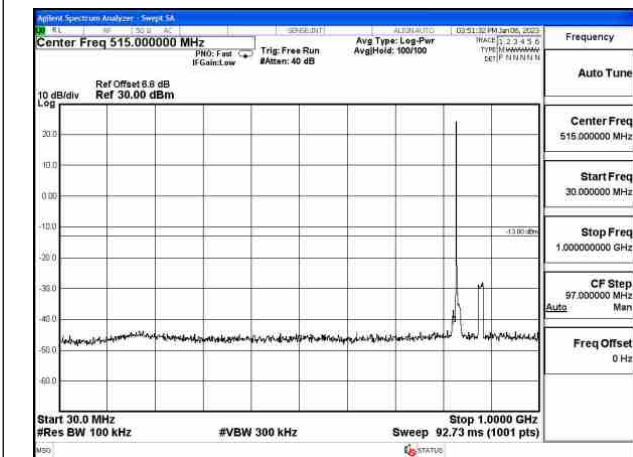


Fig.27

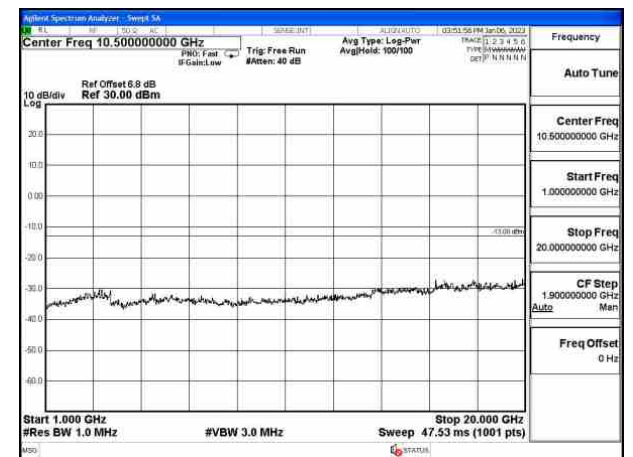


Fig.28

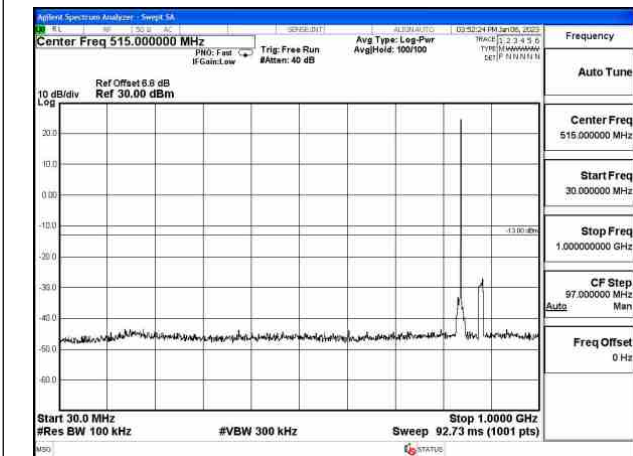


Fig.29

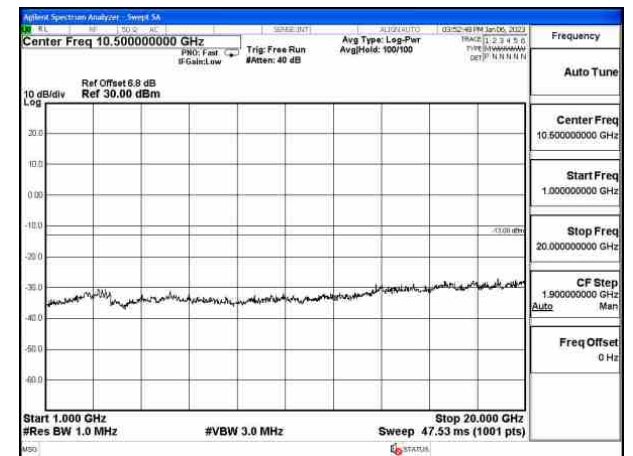


Fig.30

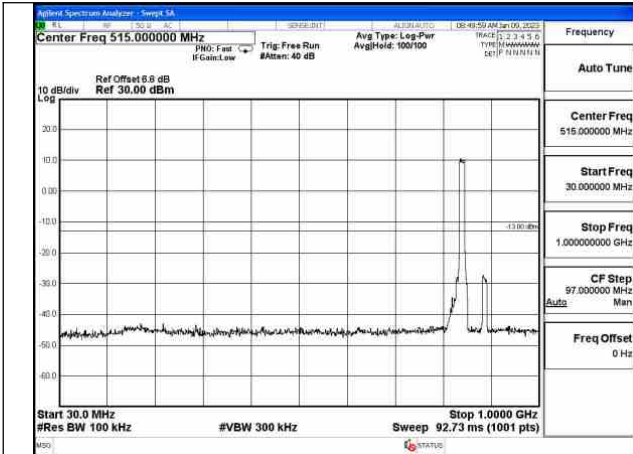


Fig.31

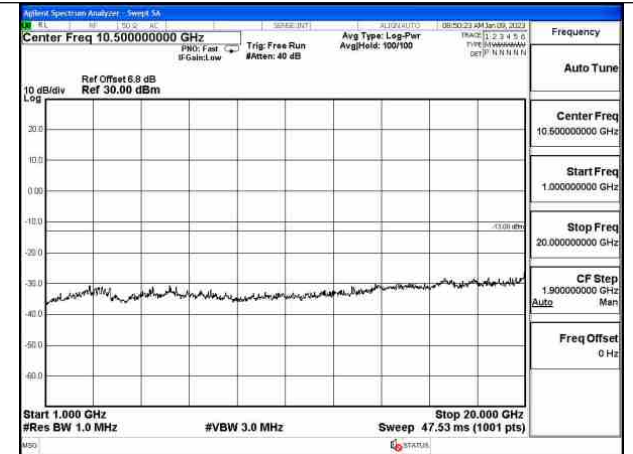


Fig.32

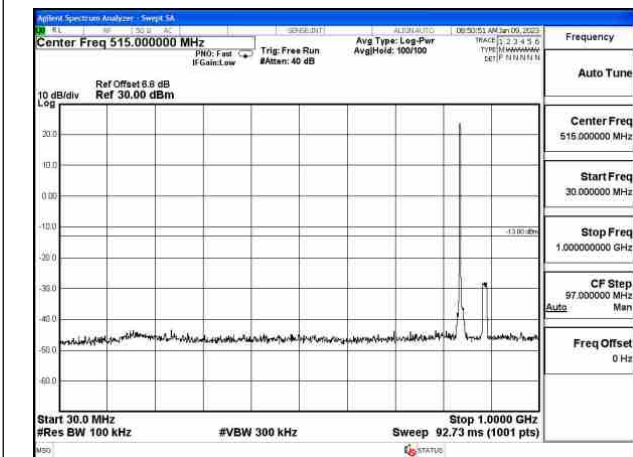


Fig.33

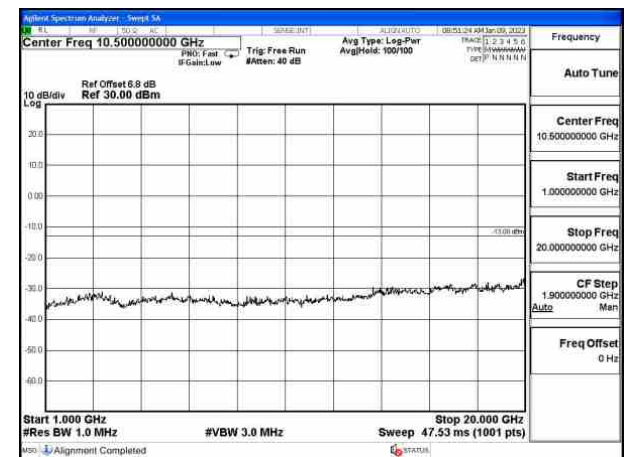


Fig.34

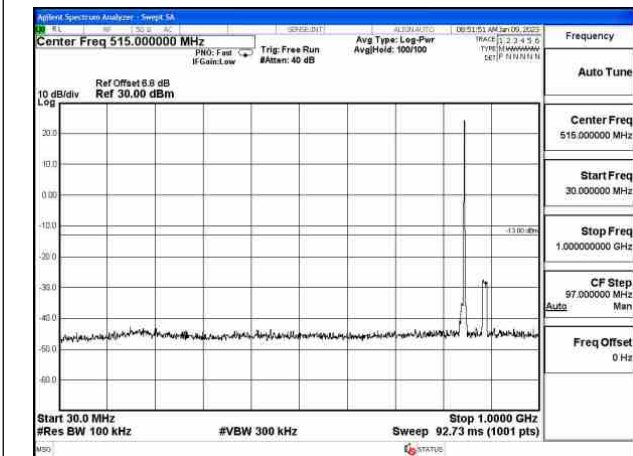


Fig.35

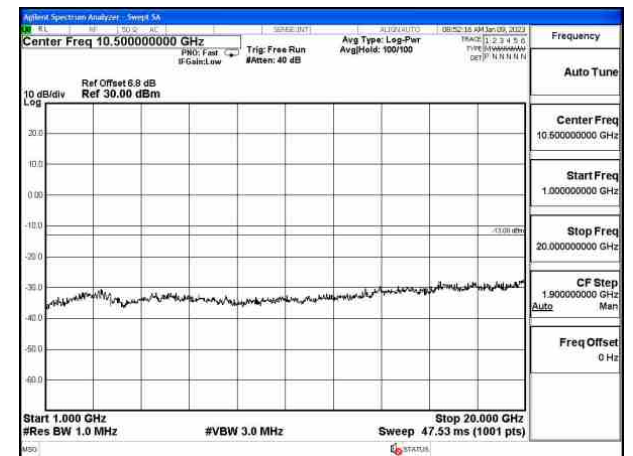


Fig.36

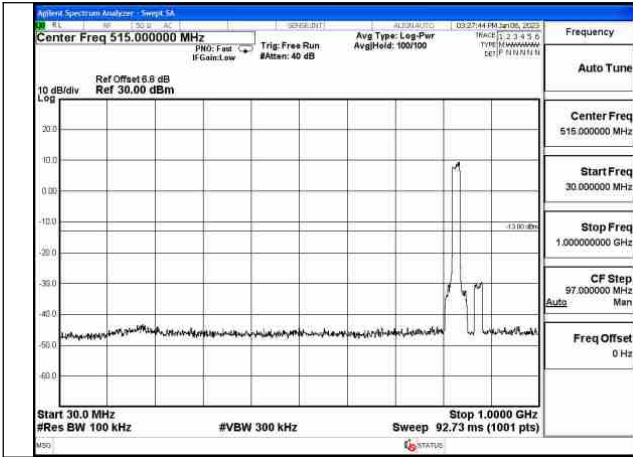


Fig.37



Fig.38

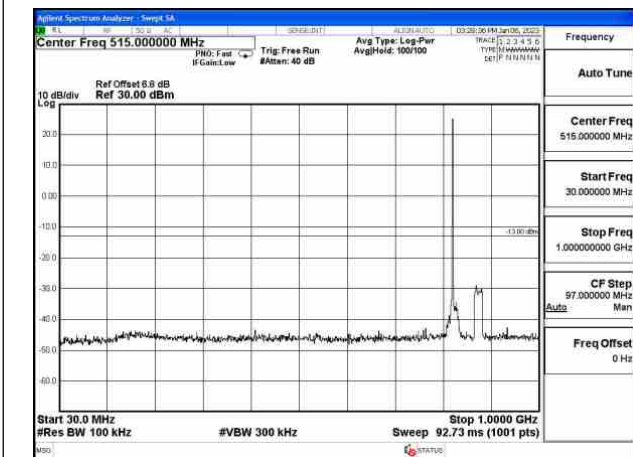


Fig.39

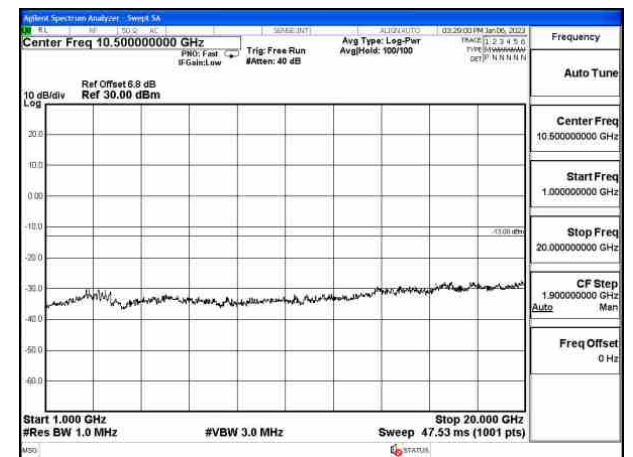


Fig.40

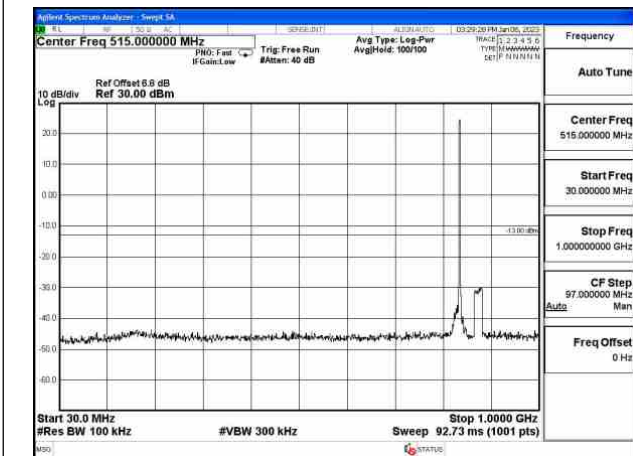


Fig.41

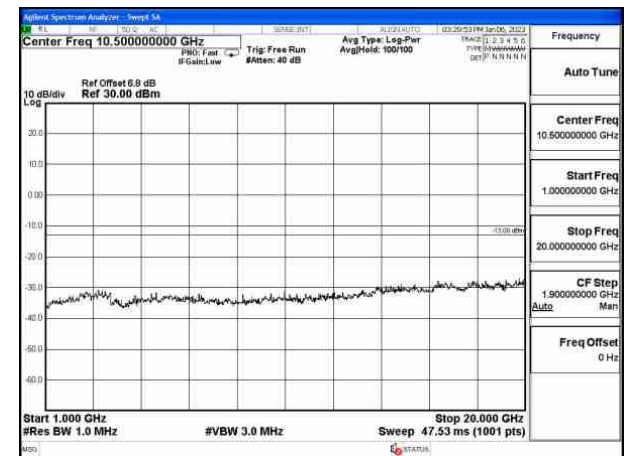


Fig.42

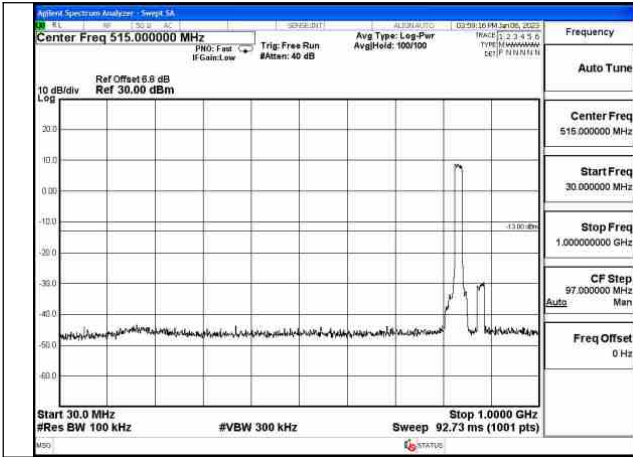


Fig.43

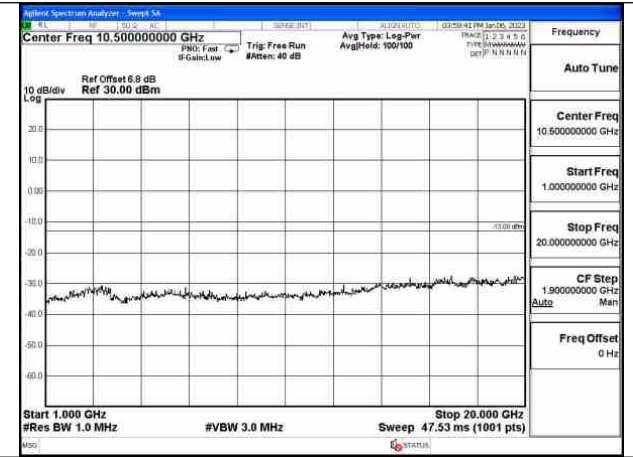


Fig.44

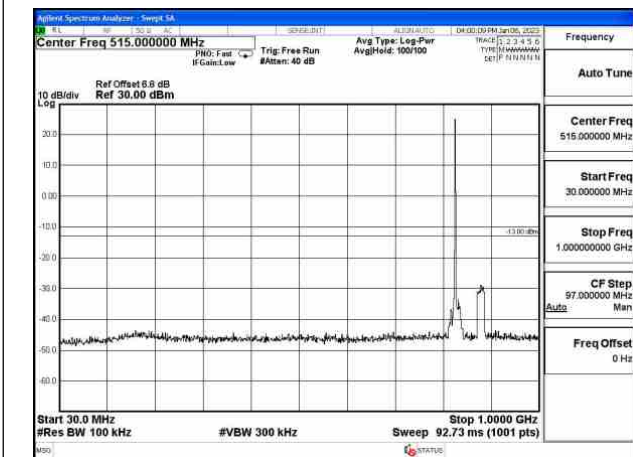


Fig.45

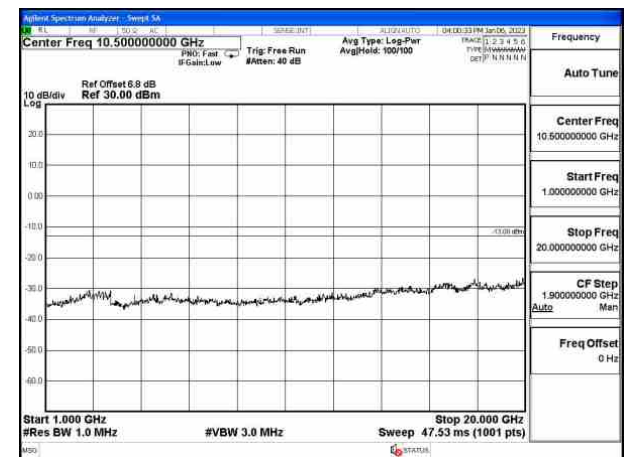


Fig.46

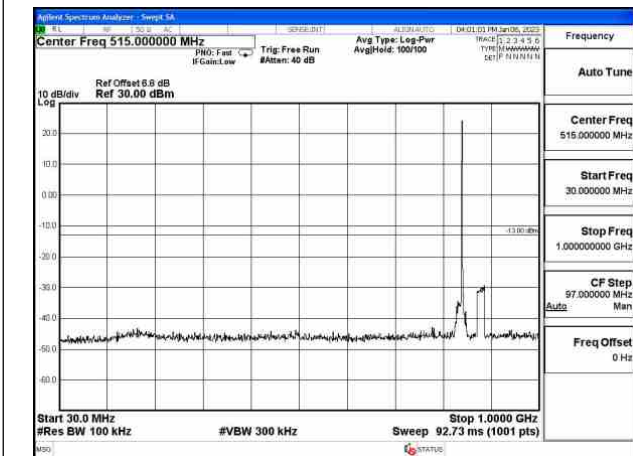


Fig.47

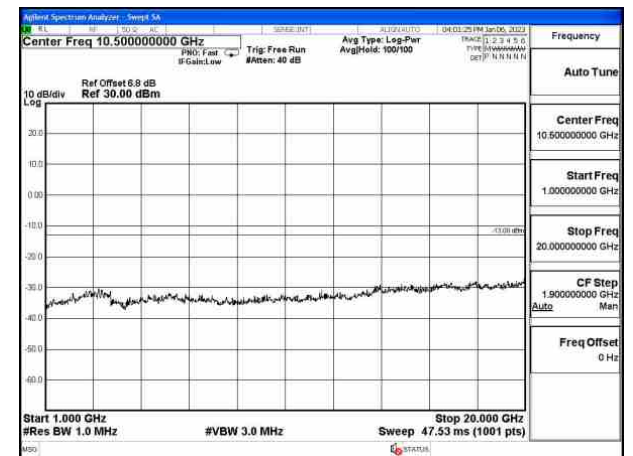


Fig.48



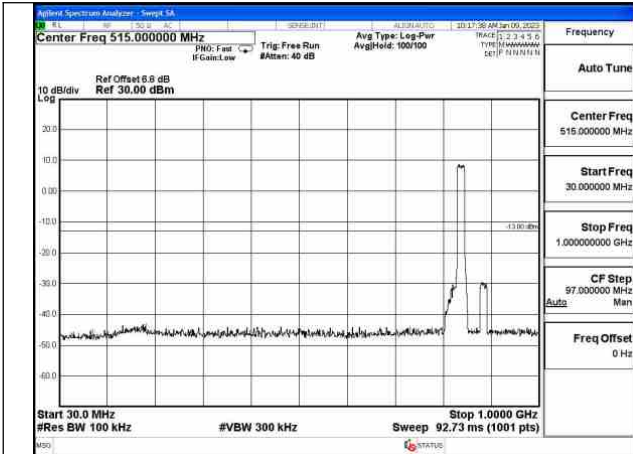


Fig.49

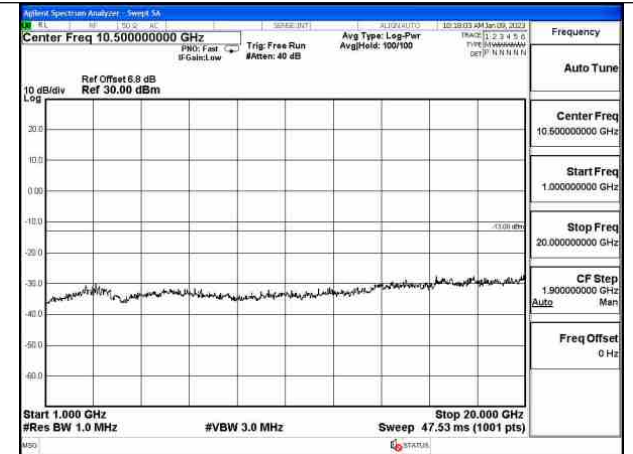


Fig.50

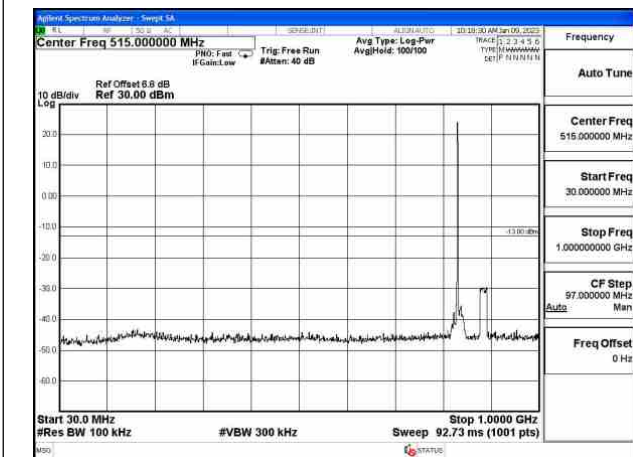


Fig.51

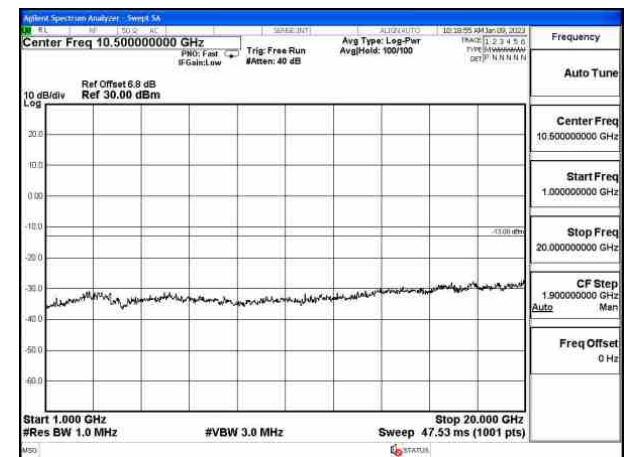


Fig.52

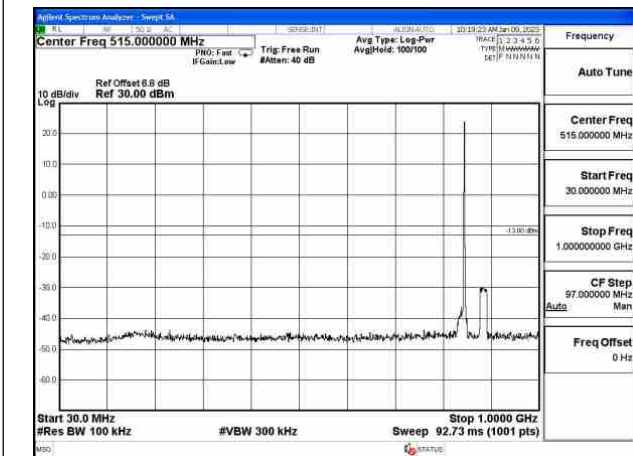


Fig.53

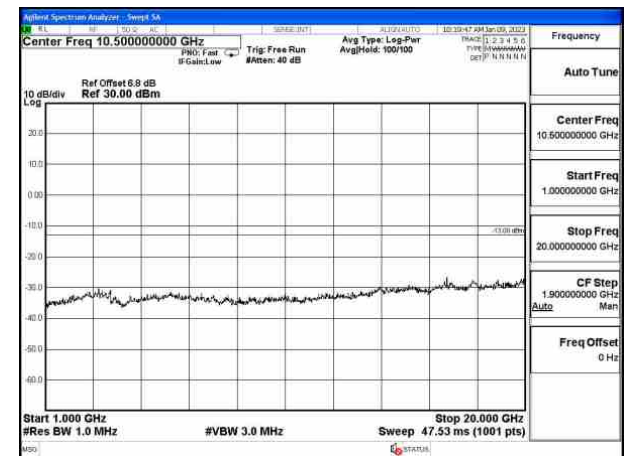


Fig.54

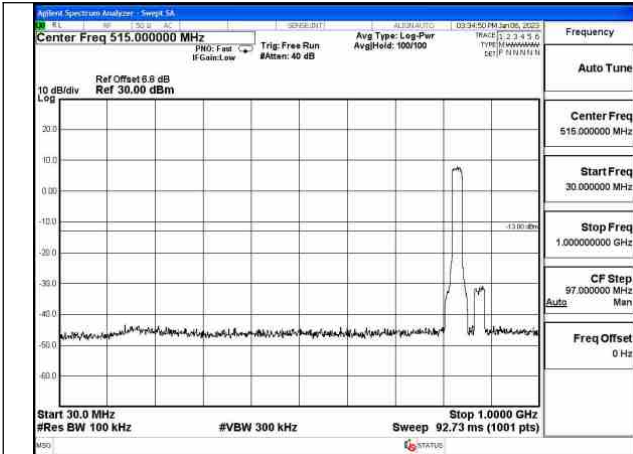


Fig.55

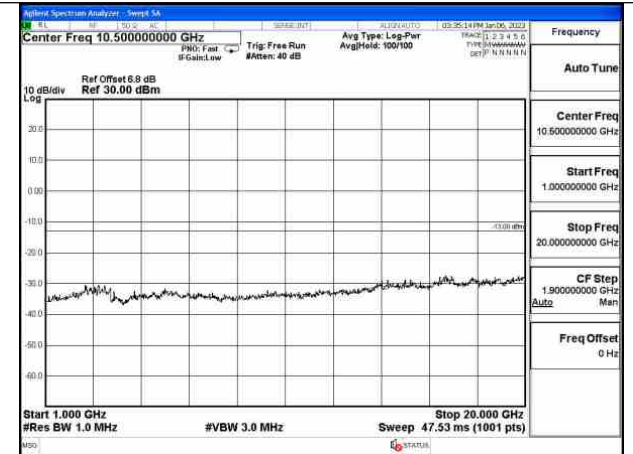


Fig.56

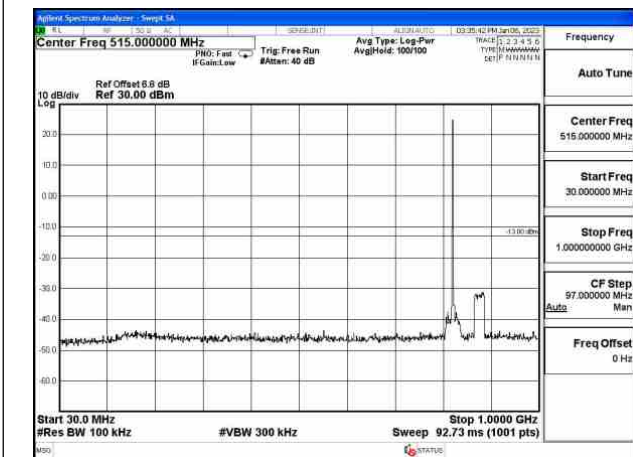


Fig.57

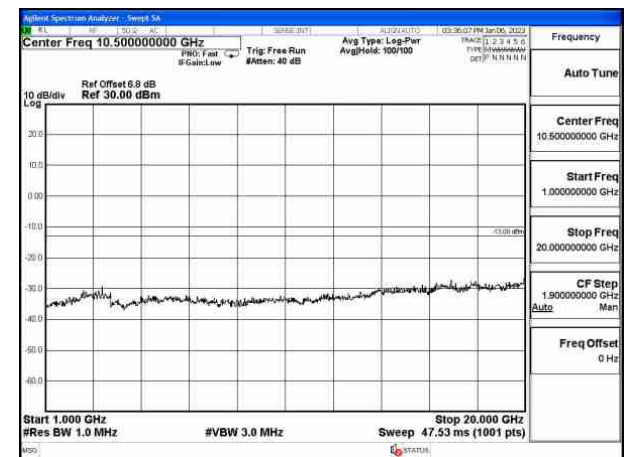


Fig.58

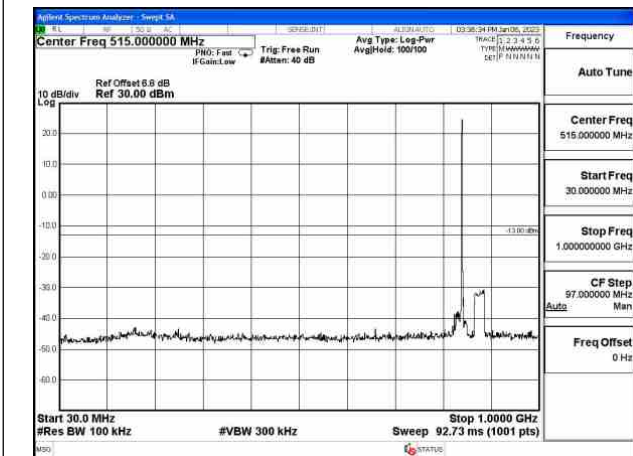


Fig.59

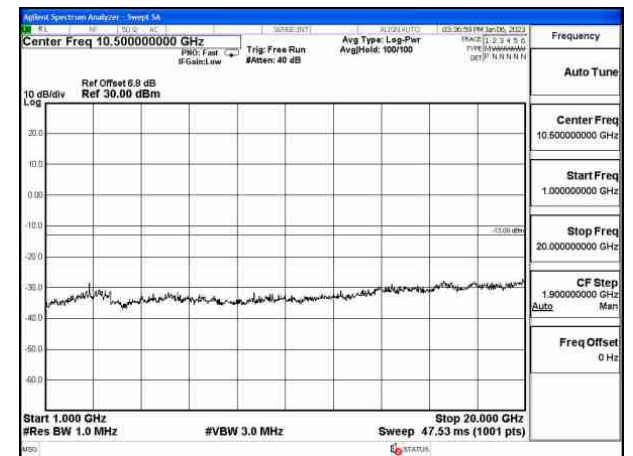


Fig.60

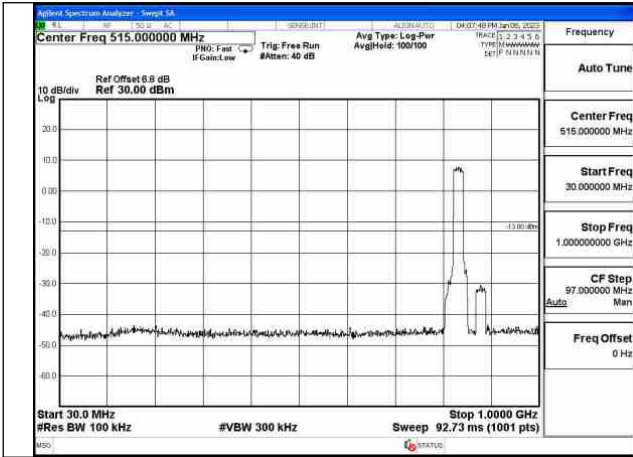


Fig.61

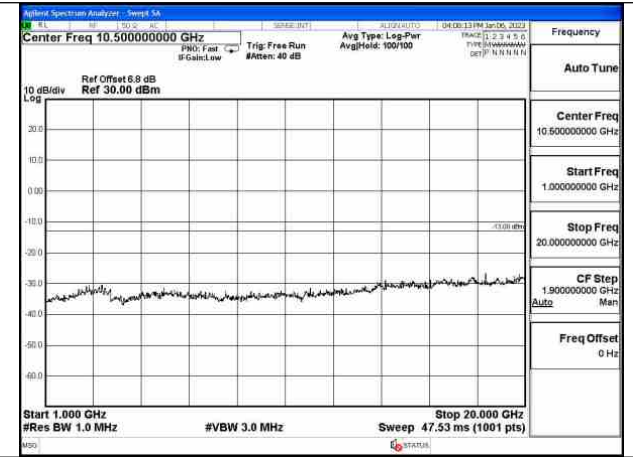


Fig.62

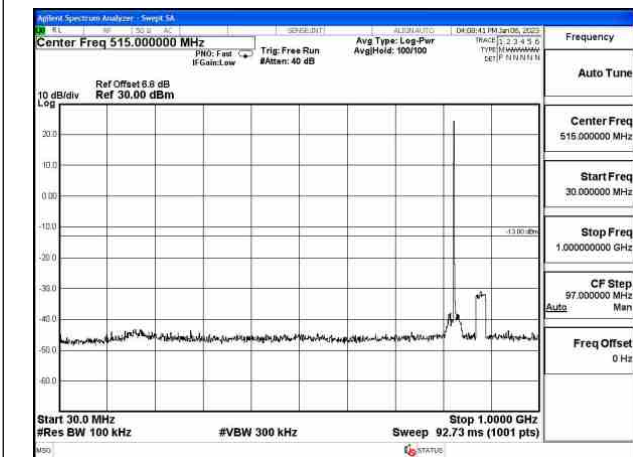


Fig.63



Fig.64

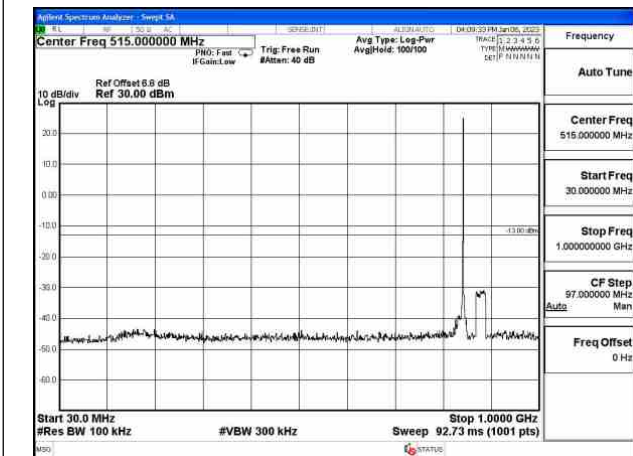


Fig.65

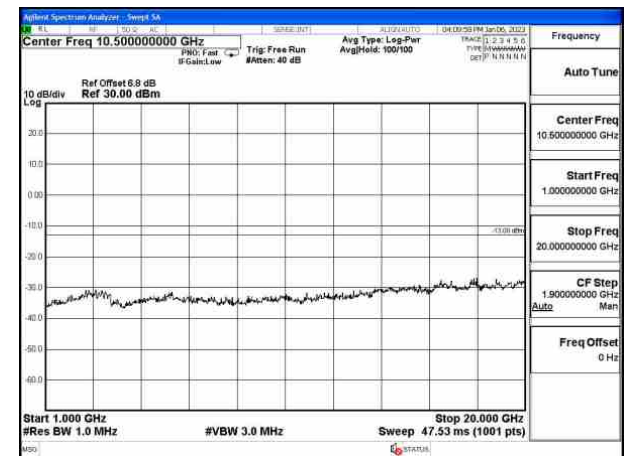


Fig.66

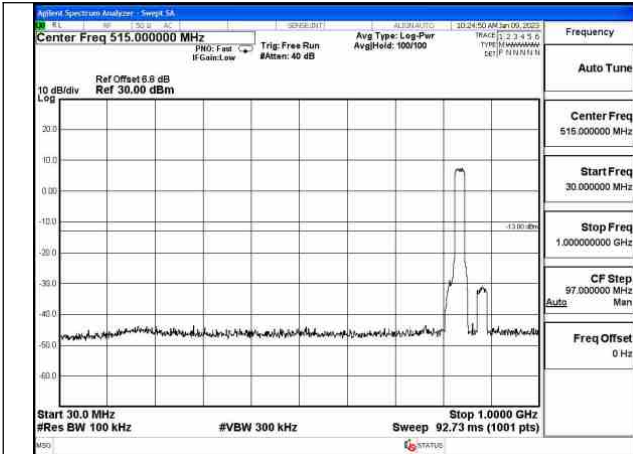


Fig.67

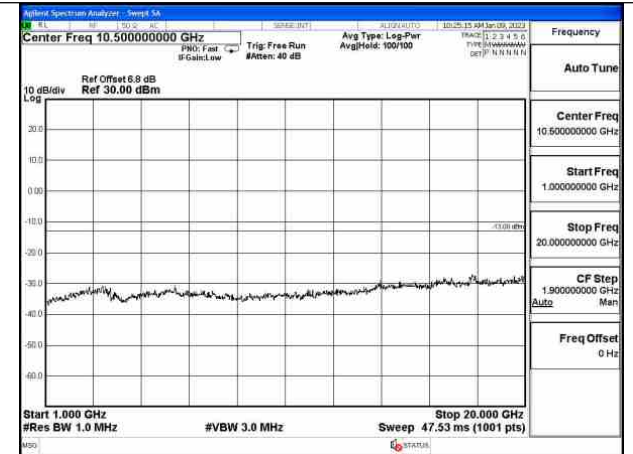


Fig.68

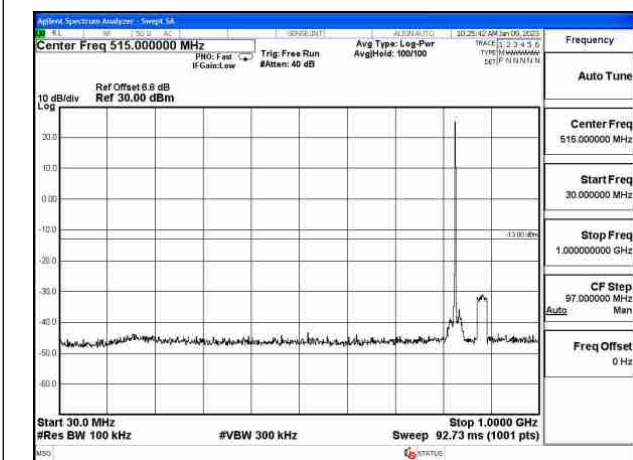


Fig.69

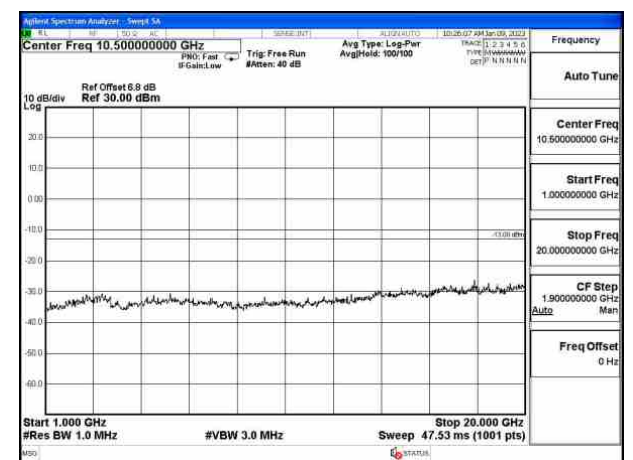


Fig.70



Fig.71

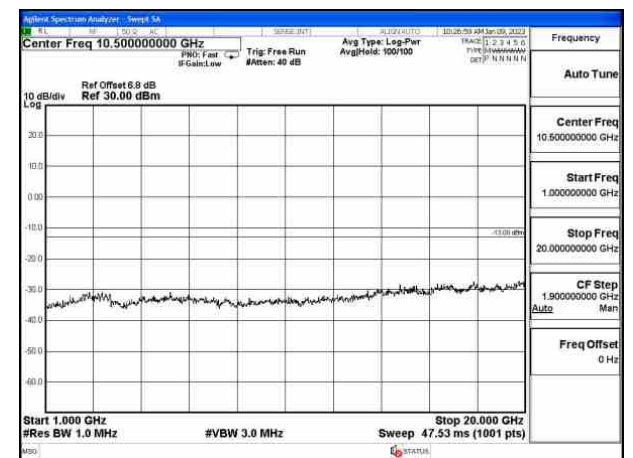


Fig.72

## 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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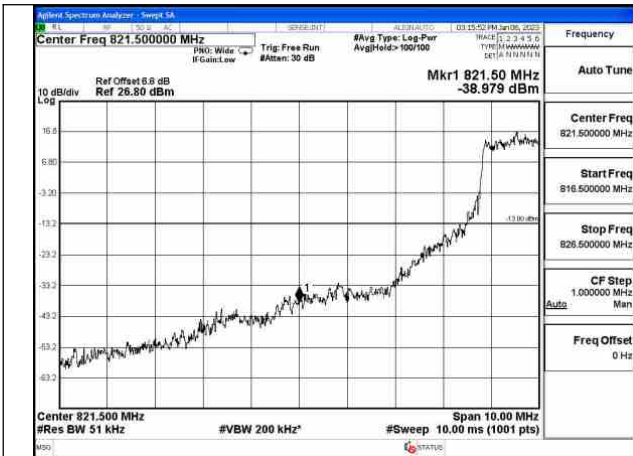


Fig.1

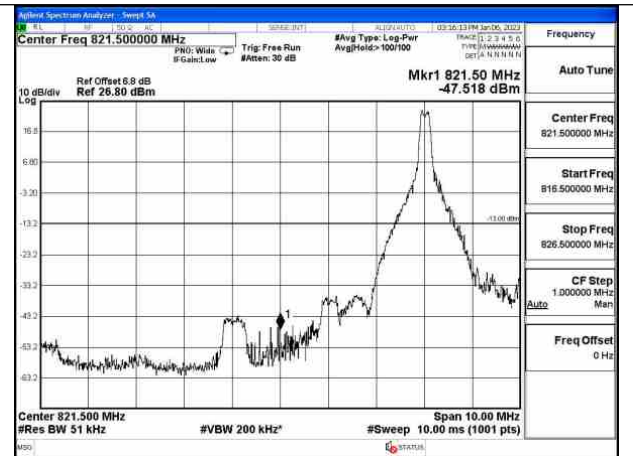


Fig.2

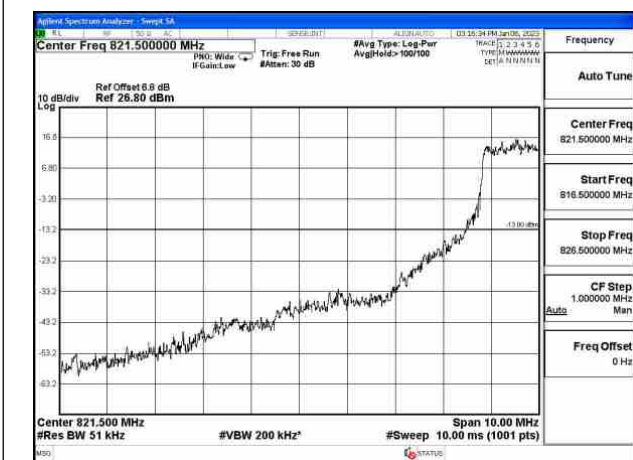


Fig.3

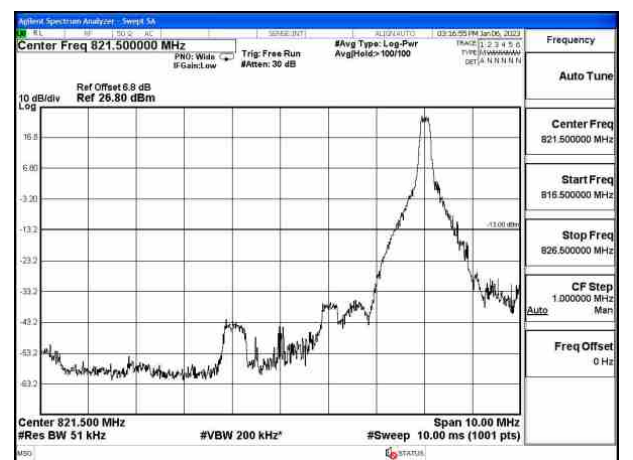


Fig.4

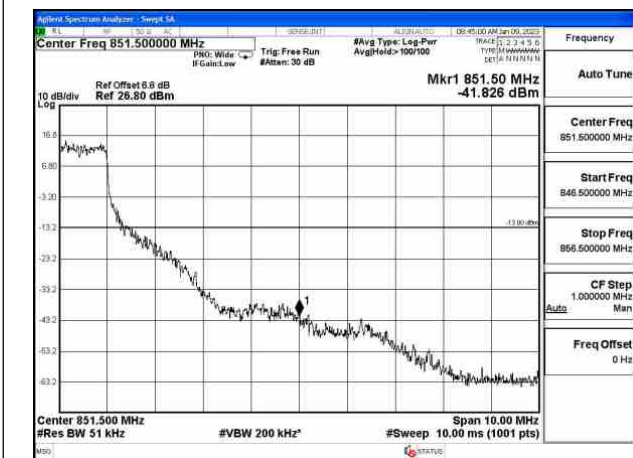


Fig.5

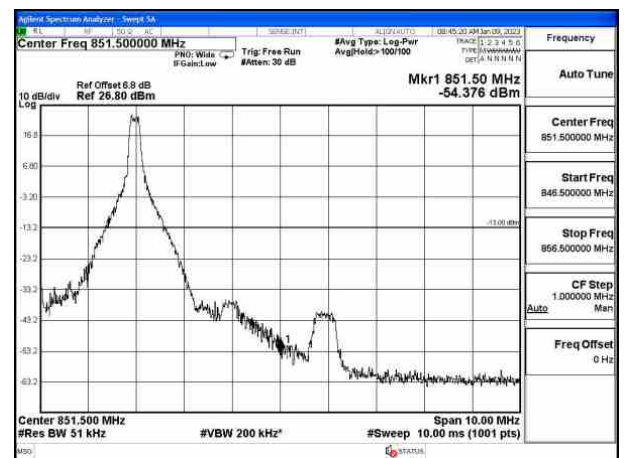


Fig.6

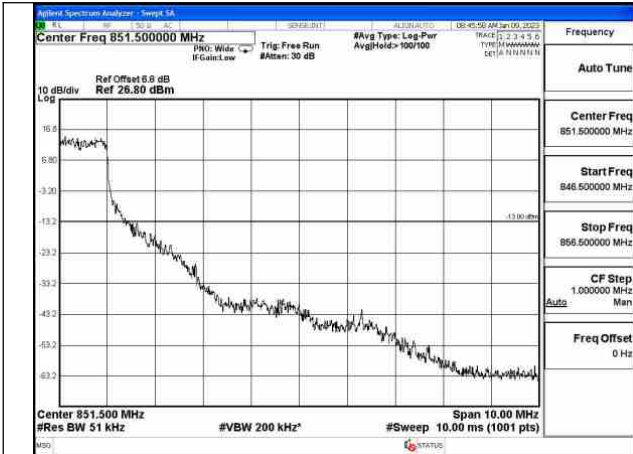


Fig.7

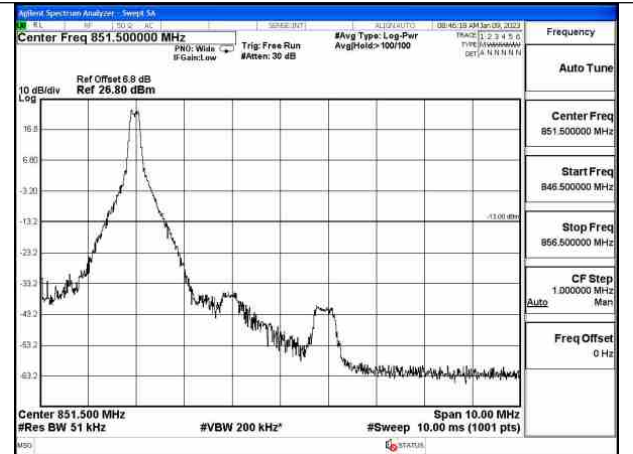


Fig.8

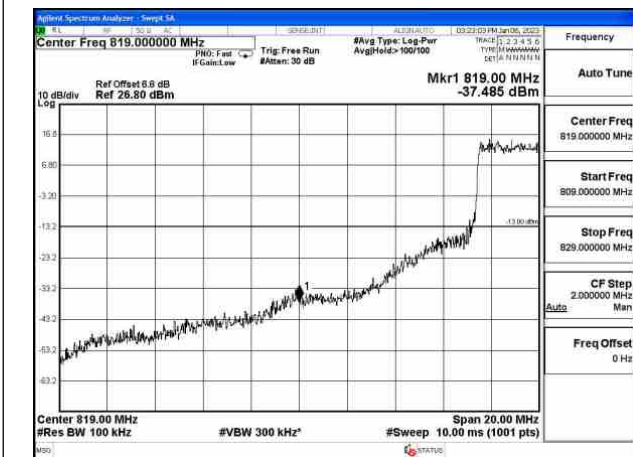


Fig.9

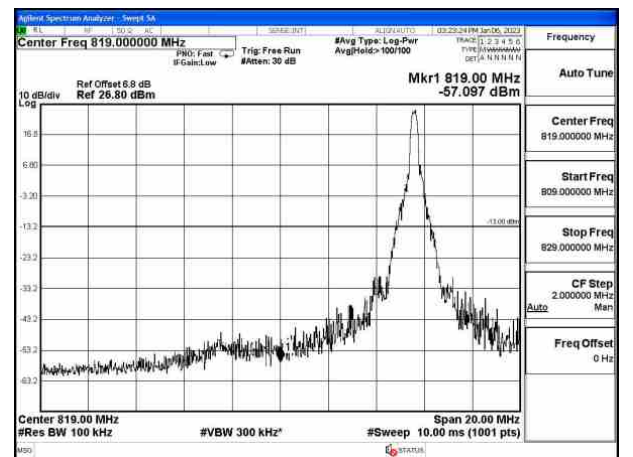


Fig.10

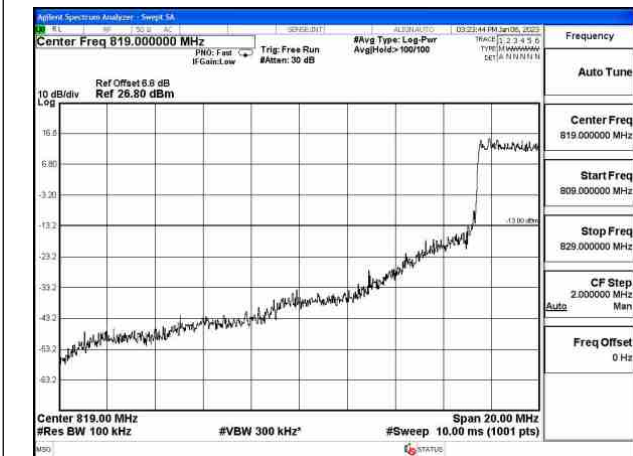


Fig.11

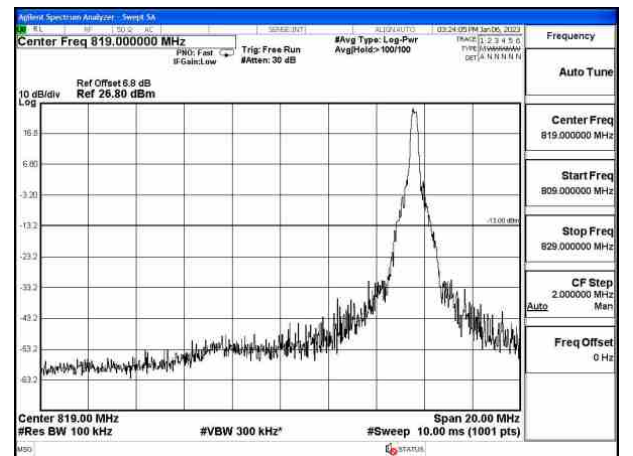


Fig.12

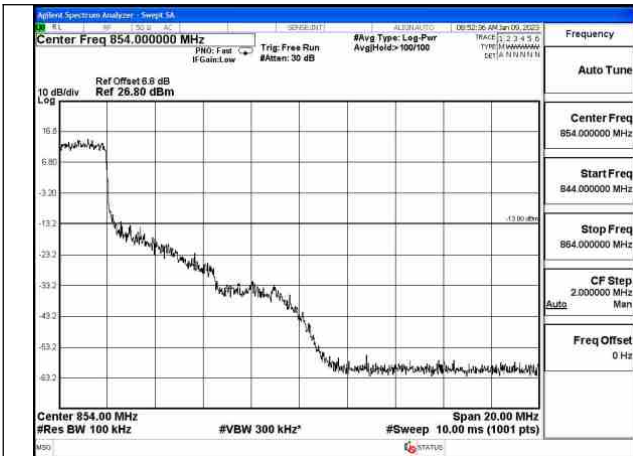


Fig. 13

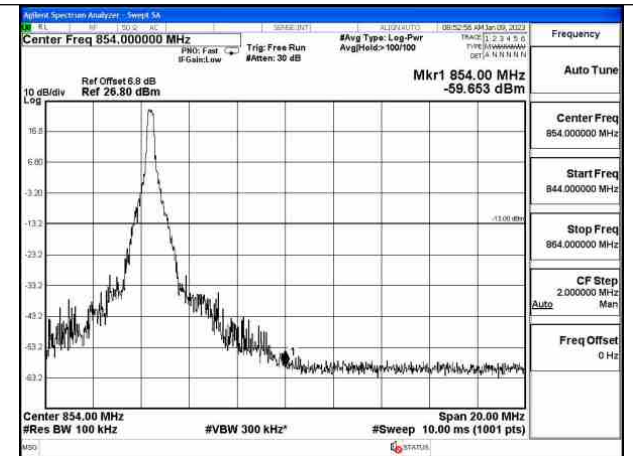


Fig. 14

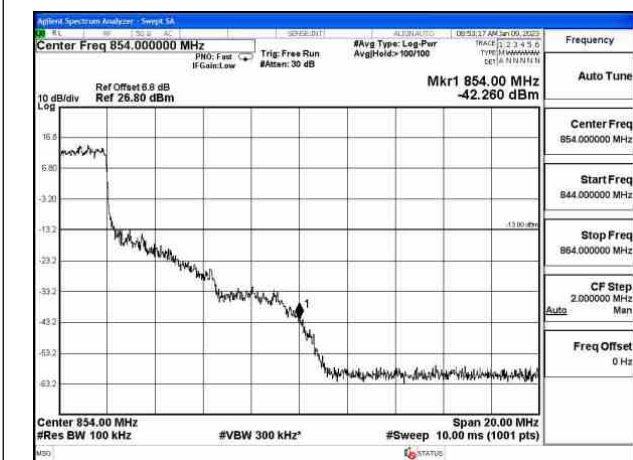


Fig. 15

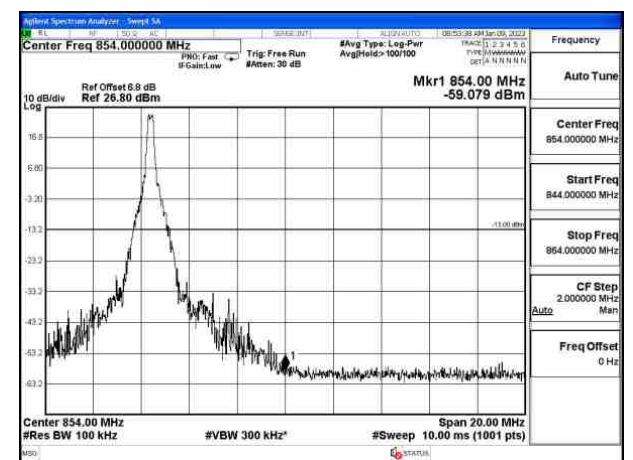


Fig. 16

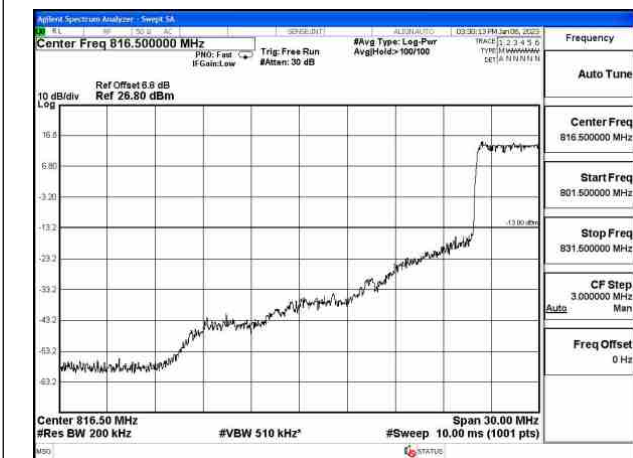


Fig. 17

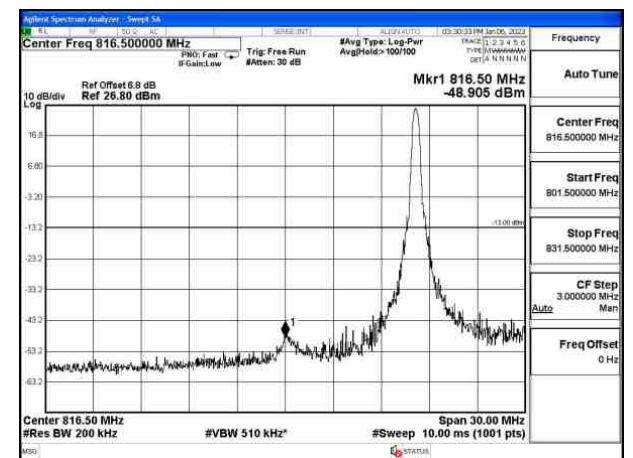


Fig. 18



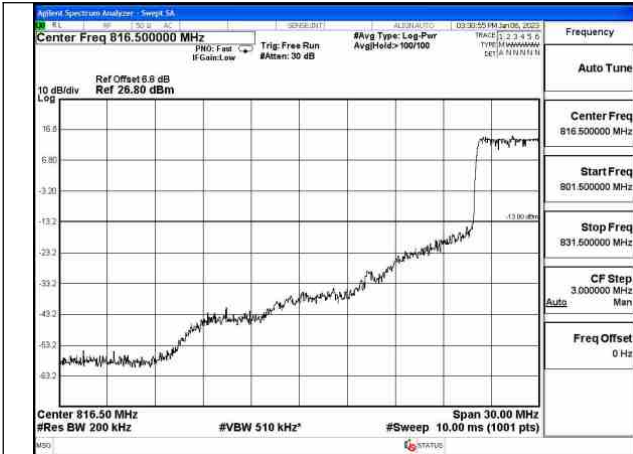


Fig.19

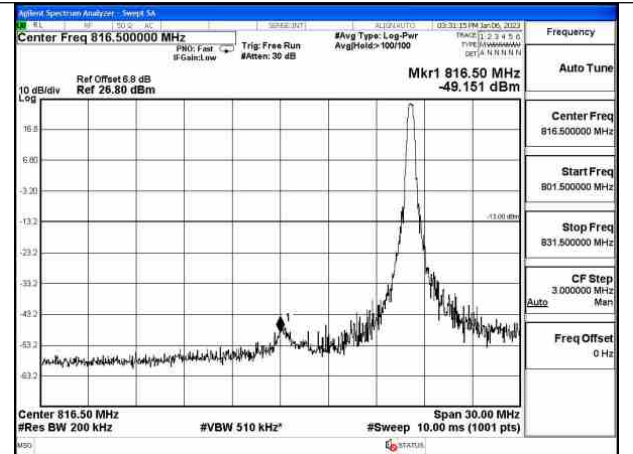


Fig.20

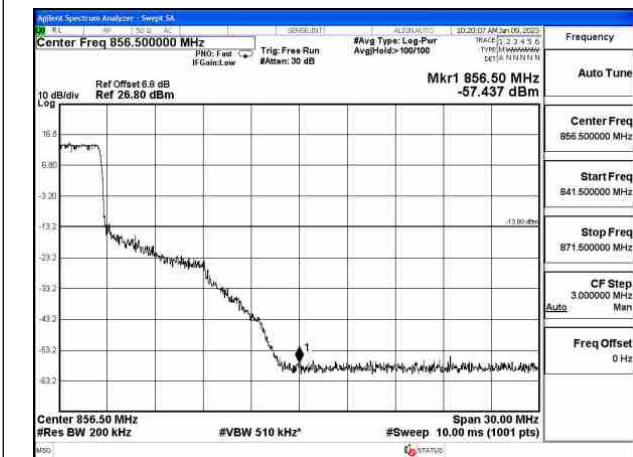


Fig.21

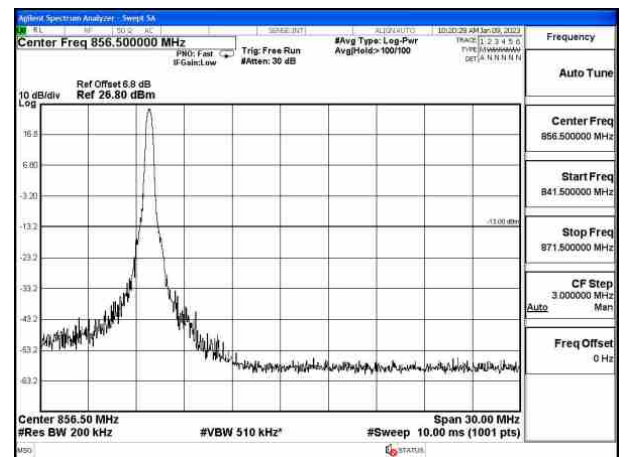


Fig.22

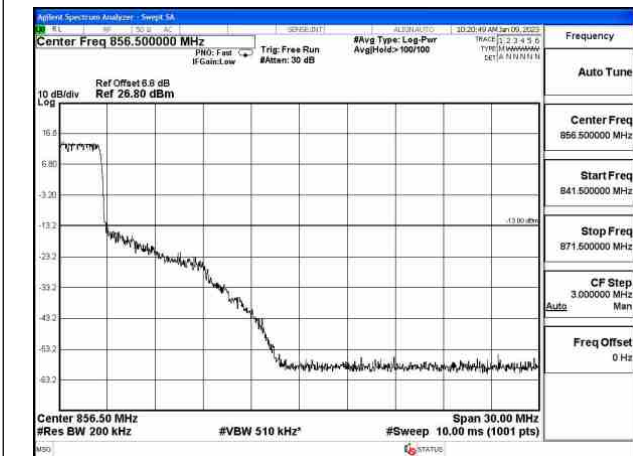


Fig.23

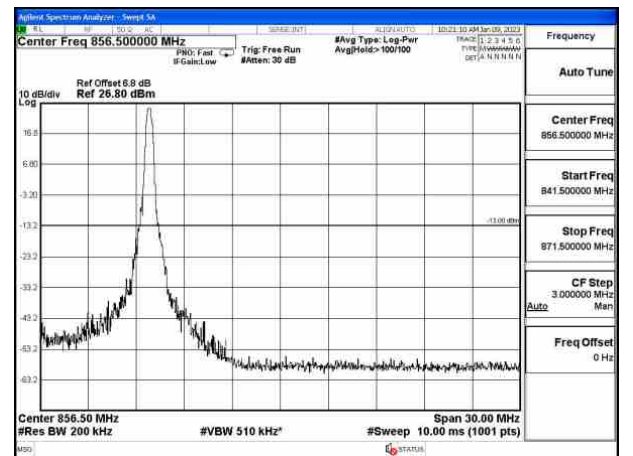


Fig.24

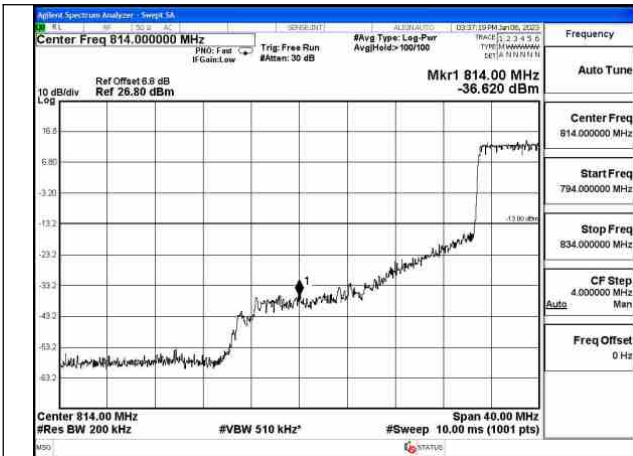


Fig.25

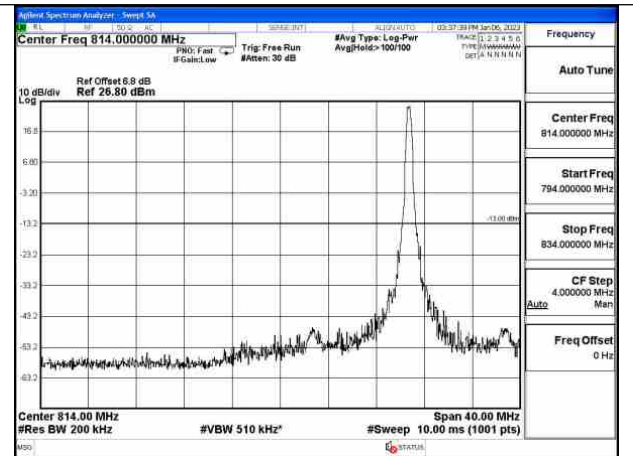


Fig.26

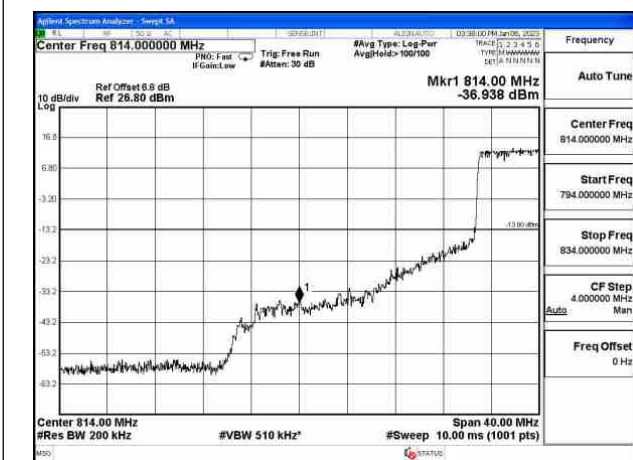


Fig.27

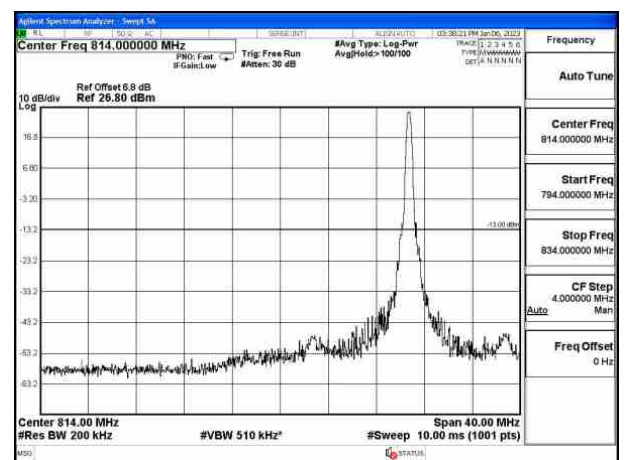


Fig.28

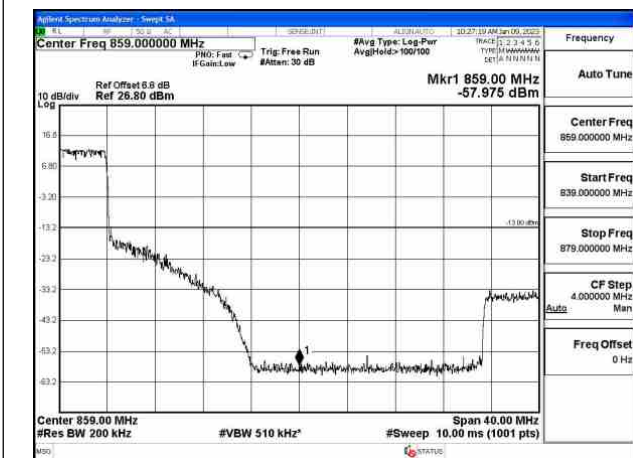


Fig.29

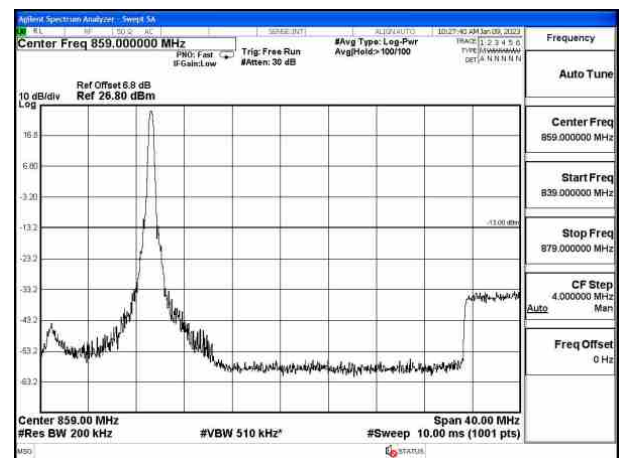


Fig.30

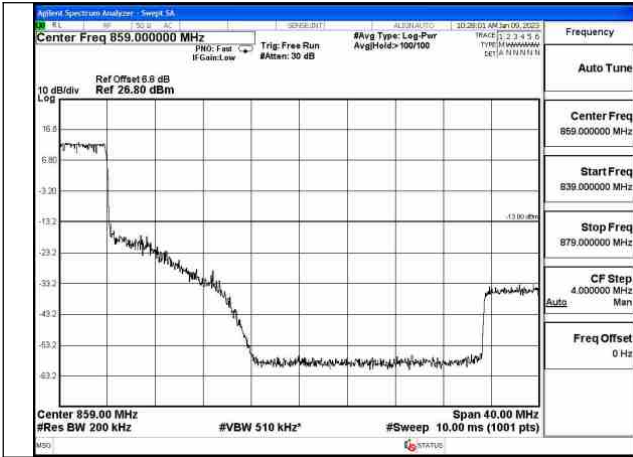


Fig.31

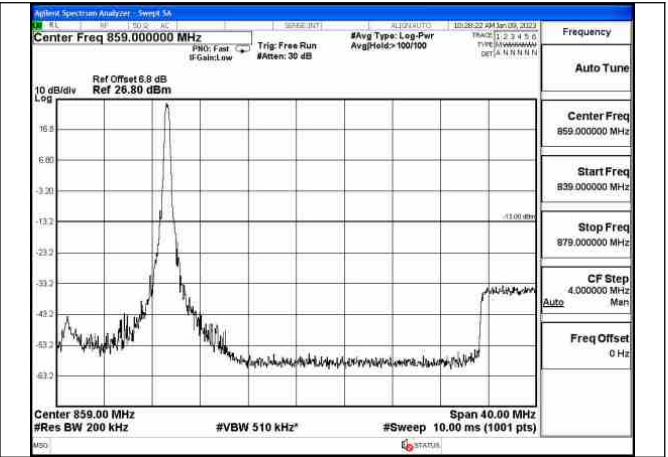


Fig.32

## 7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	-10	NV	0.736
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	0	NV	0.163
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	10	NV	0.337
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	20	NV	0.085
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	30	NV	0.259
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	40	NV	0.434
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	50	NV	0.755
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	20	LV	0.035
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	0	20	HV	0.21
CP-OFDM QPSK	834	166800	20	1	0	-10	NV	0.879
CP-OFDM QPSK	834	166800	20	1	0	0	NV	0.627
CP-OFDM QPSK	834	166800	20	1	0	10	NV	0.481
CP-OFDM QPSK	834	166800	20	1	0	20	NV	0.655
CP-OFDM QPSK	834	166800	20	1	0	30	NV	0.403
CP-OFDM QPSK	834	166800	20	1	0	40	NV	0.577
CP-OFDM QPSK	834	166800	20	1	0	50	NV	0.898
CP-OFDM QPSK	834	166800	20	1	0	20	LV	0.179
CP-OFDM QPSK	834	166800	20	1	0	20	HV	0.353
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	-10	NV	0.514
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	0	NV	0.368
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	10	NV	0.115
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	20	NV	0.29
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	30	NV	0.464
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	40	NV	0.639
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	50	NV	0.386
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	20	LV	0.561
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	20	HV	0.735
CP-OFDM QPSK	839	167800	20	1	0	-10	NV	0.511
CP-OFDM QPSK	839	167800	20	1	0	0	NV	0.259
CP-OFDM QPSK	839	167800	20	1	0	10	NV	0.433
CP-OFDM QPSK	839	167800	20	1	0	20	NV	0.608
CP-OFDM QPSK	839	167800	20	1	0	30	NV	0.034
CP-OFDM QPSK	839	167800	20	1	0	40	NV	0.209
CP-OFDM QPSK	839	167800	20	1	0	50	NV	0.383
CP-OFDM QPSK	839	167800	20	1	0	20	LV	0.558
CP-OFDM QPSK	839	167800	20	1	0	20	HV	0.305

## 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	1	0	22.34	15.39	0.035
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	1	24	22.66	15.71	0.037
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	12	6	23.27	16.32	0.043
DFT-s-OFDM PI/2 BPSK	826.5	165300	5	25	0	23.59	16.64	0.046
DFT-s-OFDM QPSK	826.5	165300	5	1	0	23.32	16.37	0.043
DFT-s-OFDM QPSK	826.5	165300	5	1	24	22.84	15.89	0.039
DFT-s-OFDM QPSK	826.5	165300	5	12	6	23.17	16.22	0.042
DFT-s-OFDM QPSK	826.5	165300	5	25	0	22.10	15.15	0.033
DFT-s-OFDM 16QAM	826.5	165300	5	1	0	22.42	15.47	0.035
DFT-s-OFDM 16QAM	826.5	165300	5	1	24	22.15	15.20	0.033
DFT-s-OFDM 16QAM	826.5	165300	5	12	6	23.35	16.40	0.044
DFT-s-OFDM 16QAM	826.5	165300	5	25	0	23.08	16.13	0.041
DFT-s-OFDM 64QAM	826.5	165300	5	1	0	22.60	15.65	0.037
DFT-s-OFDM 64QAM	826.5	165300	5	1	24	22.33	15.38	0.035
DFT-s-OFDM 64QAM	826.5	165300	5	12	6	22.93	15.98	0.040
DFT-s-OFDM 64QAM	826.5	165300	5	25	0	23.26	16.31	0.043
DFT-s-OFDM 256QAM	826.5	165300	5	1	0	22.18	15.23	0.033
DFT-s-OFDM 256QAM	826.5	165300	5	1	24	22.51	15.56	0.036
DFT-s-OFDM 256QAM	826.5	165300	5	12	6	23.11	16.16	0.041
DFT-s-OFDM 256QAM	826.5	165300	5	25	0	23.44	16.49	0.045
CP-OFDM QPSK	826.5	165300	5	1	0	23.17	16.22	0.042
CP-OFDM QPSK	826.5	165300	5	1	24	22.69	15.74	0.037
CP-OFDM QPSK	826.5	165300	5	13	6	22.42	15.47	0.035
CP-OFDM QPSK	826.5	165300	5	25	0	23.62	16.67	0.046
CP-OFDM 16QAM	826.5	165300	5	1	0	23.35	16.40	0.044
CP-OFDM 16QAM	826.5	165300	5	1	24	23.68	16.73	0.047
CP-OFDM 16QAM	826.5	165300	5	13	6	22.60	15.65	0.037
CP-OFDM 16QAM	826.5	165300	5	25	0	22.93	15.98	0.040
CP-OFDM 64QAM	826.5	165300	5	1	0	23.53	16.58	0.045
CP-OFDM 64QAM	826.5	165300	5	1	24	22.18	15.23	0.033
CP-OFDM 64QAM	826.5	165300	5	13	6	22.78	15.83	0.038
CP-OFDM 64QAM	826.5	165300	5	25	0	23.11	16.16	0.041
CP-OFDM 256QAM	826.5	165300	5	1	0	22.03	15.08	0.032
CP-OFDM 256QAM	826.5	165300	5	1	24	22.36	15.41	0.035
CP-OFDM 256QAM	826.5	165300	5	13	6	22.96	16.01	0.040
CP-OFDM 256QAM	826.5	165300	5	25	0	22.69	15.74	0.037
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	0	22.51	15.56	0.036
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	1	24	22.24	15.29	0.034
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	12	6	22.57	15.62	0.036
DFT-s-OFDM PI/2 BPSK	836.5	167300	5	25	0	22.09	15.14	0.033
DFT-s-OFDM QPSK	836.5	167300	5	1	0	23.50	16.55	0.045
DFT-s-OFDM QPSK	836.5	167300	5	1	24	23.02	16.07	0.040
DFT-s-OFDM QPSK	836.5	167300	5	12	6	23.35	16.40	0.044
DFT-s-OFDM QPSK	836.5	167300	5	25	0	23.08	16.13	0.041

DFT-s-OFDM 16QAM	836.5	167300	5	1	0	22.60	15.65	0.037
DFT-s-OFDM 16QAM	836.5	167300	5	1	24	22.33	15.38	0.035
DFT-s-OFDM 16QAM	836.5	167300	5	12	6	23.53	16.58	0.045
DFT-s-OFDM 16QAM	836.5	167300	5	25	0	22.18	15.23	0.033
DFT-s-OFDM 64QAM	836.5	167300	5	1	0	22.51	15.56	0.036
DFT-s-OFDM 64QAM	836.5	167300	5	1	24	23.11	16.16	0.041
DFT-s-OFDM 64QAM	836.5	167300	5	12	6	23.44	16.49	0.045
DFT-s-OFDM 64QAM	836.5	167300	5	25	0	22.36	15.41	0.035
DFT-s-OFDM 256QAM	836.5	167300	5	1	0	22.69	15.74	0.037
DFT-s-OFDM 256QAM	836.5	167300	5	1	24	23.02	16.07	0.040
DFT-s-OFDM 256QAM	836.5	167300	5	12	6	23.62	16.67	0.046
DFT-s-OFDM 256QAM	836.5	167300	5	25	0	22.27	15.32	0.034
CP-OFDM QPSK	836.5	167300	5	1	0	22.60	15.65	0.037
CP-OFDM QPSK	836.5	167300	5	1	24	23.20	16.25	0.042
CP-OFDM QPSK	836.5	167300	5	13	6	23.53	16.58	0.045
CP-OFDM QPSK	836.5	167300	5	25	0	22.17	15.22	0.033
CP-OFDM 16QAM	836.5	167300	5	1	0	22.78	15.83	0.038
CP-OFDM 16QAM	836.5	167300	5	1	24	23.11	16.16	0.041
CP-OFDM 16QAM	836.5	167300	5	13	6	22.03	15.08	0.032
CP-OFDM 16QAM	836.5	167300	5	25	0	22.36	15.41	0.035
CP-OFDM 64QAM	836.5	167300	5	1	0	22.68	15.73	0.037
CP-OFDM 64QAM	836.5	167300	5	1	24	23.29	16.34	0.043
CP-OFDM 64QAM	836.5	167300	5	13	6	23.61	16.66	0.046
CP-OFDM 64QAM	836.5	167300	5	25	0	22.54	15.59	0.036
CP-OFDM 256QAM	836.5	167300	5	1	0	22.87	15.92	0.039
CP-OFDM 256QAM	836.5	167300	5	1	24	23.19	16.24	0.042
CP-OFDM 256QAM	836.5	167300	5	13	6	22.72	15.77	0.038
CP-OFDM 256QAM	836.5	167300	5	25	0	22.44	15.49	0.035
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	0	22.34	15.39	0.035
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	1	24	22.67	15.72	0.037
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	12	6	23.00	16.05	0.040
DFT-s-OFDM PI/2 BPSK	846.5	169300	5	25	0	22.52	15.57	0.036
DFT-s-OFDM QPSK	846.5	169300	5	1	0	22.85	15.90	0.039
DFT-s-OFDM QPSK	846.5	169300	5	1	24	23.18	16.23	0.042
DFT-s-OFDM QPSK	846.5	169300	5	12	6	23.50	16.55	0.045
DFT-s-OFDM QPSK	846.5	169300	5	25	0	23.03	16.08	0.041
DFT-s-OFDM 16QAM	846.5	169300	5	1	0	23.36	16.41	0.044
DFT-s-OFDM 16QAM	846.5	169300	5	1	24	22.01	15.06	0.032
DFT-s-OFDM 16QAM	846.5	169300	5	12	6	22.33	15.38	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	22.19	15.24	0.033
DFT-s-OFDM 64QAM	846.5	169300	5	1	24	22.52	15.57	0.036
DFT-s-OFDM 64QAM	846.5	169300	5	12	6	22.84	15.89	0.039
DFT-s-OFDM 64QAM	846.5	169300	5	25	0	22.37	15.42	0.035
DFT-s-OFDM 256QAM	846.5	169300	5	1	0	22.42	15.47	0.035
DFT-s-OFDM 256QAM	846.5	169300	5	1	24	23.63	16.68	0.047

DFT-s-OFDM 256QAM	846.5	169300	5	12	6	22.28	15.33	0.034
DFT-s-OFDM 256QAM	846.5	169300	5	25	0	22.60	15.65	0.037
CP-OFDM QPSK	846.5	169300	5	1	0	22.93	15.98	0.040
CP-OFDM QPSK	846.5	169300	5	1	24	22.46	15.51	0.036
CP-OFDM QPSK	846.5	169300	5	13	6	22.78	15.83	0.038
CP-OFDM QPSK	846.5	169300	5	25	0	23.11	16.16	0.041
CP-OFDM 16QAM	846.5	169300	5	1	0	23.44	16.49	0.045
CP-OFDM 16QAM	846.5	169300	5	1	24	22.97	16.02	0.040
CP-OFDM 16QAM	846.5	169300	5	13	6	23.29	16.34	0.043
CP-OFDM 16QAM	846.5	169300	5	25	0	23.62	16.67	0.046
CP-OFDM 64QAM	846.5	169300	5	1	0	22.27	15.32	0.034
CP-OFDM 64QAM	846.5	169300	5	1	24	23.48	16.53	0.045
CP-OFDM 64QAM	846.5	169300	5	13	6	22.12	15.17	0.033
CP-OFDM 64QAM	846.5	169300	5	25	0	22.45	15.50	0.035
CP-OFDM 256QAM	846.5	169300	5	1	0	22.78	15.83	0.038
CP-OFDM 256QAM	846.5	169300	5	1	24	22.30	15.35	0.034
CP-OFDM 256QAM	846.5	169300	5	13	6	22.63	15.68	0.037
CP-OFDM 256QAM	846.5	169300	5	25	0	22.96	16.01	0.040

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	1	0	22.15	15.20	0.033
DFT-s-OFDM PI/2 BPSK	829	165800	10	1	51	22.48	15.53	0.036
DFT-s-OFDM PI/2 BPSK	829	165800	10	25	12	22.20	15.25	0.033
DFT-s-OFDM PI/2 BPSK	829	165800	10	50	0	23.41	16.46	0.044
DFT-s-OFDM QPSK	829	165800	10	1	0	23.13	16.18	0.041
DFT-s-OFDM QPSK	829	165800	10	1	51	22.66	15.71	0.037
DFT-s-OFDM QPSK	829	165800	10	25	12	22.38	15.43	0.035
DFT-s-OFDM QPSK	829	165800	10	50	0	22.71	15.76	0.038
DFT-s-OFDM 16QAM	829	165800	10	1	0	23.31	16.36	0.043
DFT-s-OFDM 16QAM	829	165800	10	1	51	23.64	16.69	0.047
DFT-s-OFDM 16QAM	829	165800	10	25	12	22.56	15.61	0.036
DFT-s-OFDM 16QAM	829	165800	10	50	0	22.89	15.94	0.039
DFT-s-OFDM 64QAM	829	165800	10	1	0	23.22	16.27	0.042
DFT-s-OFDM 64QAM	829	165800	10	1	51	22.14	15.19	0.033
DFT-s-OFDM 64QAM	829	165800	10	25	12	22.47	15.52	0.036
DFT-s-OFDM 64QAM	829	165800	10	50	0	23.07	16.12	0.041
DFT-s-OFDM 256QAM	829	165800	10	1	0	23.40	16.45	0.044
DFT-s-OFDM 256QAM	829	165800	10	1	51	22.05	15.10	0.032
DFT-s-OFDM 256QAM	829	165800	10	25	12	22.65	15.70	0.037
DFT-s-OFDM 256QAM	829	165800	10	50	0	22.98	16.03	0.040
CP-OFDM QPSK	829	165800	10	1	0	23.58	16.63	0.046
CP-OFDM QPSK	829	165800	10	1	51	22.23	15.28	0.034
CP-OFDM QPSK	829	165800	10	26	13	22.83	15.88	0.039
CP-OFDM QPSK	829	165800	10	52	0	23.16	16.21	0.042
CP-OFDM 16QAM	829	165800	10	1	0	22.08	15.13	0.033

CP-OFDM 16QAM	829	165800	10	1	51	22.41	15.46	0.035
CP-OFDM 16QAM	829	165800	10	26	13	23.02	16.07	0.040
CP-OFDM 16QAM	829	165800	10	52	0	23.34	16.39	0.044
CP-OFDM 64QAM	829	165800	10	1	0	23.67	16.72	0.047
CP-OFDM 64QAM	829	165800	10	1	51	22.59	15.64	0.037
CP-OFDM 64QAM	829	165800	10	26	13	22.92	15.97	0.040
CP-OFDM 64QAM	829	165800	10	52	0	23.52	16.57	0.045
CP-OFDM 256QAM	829	165800	10	1	0	22.17	15.22	0.033
CP-OFDM 256QAM	829	165800	10	1	51	23.58	16.63	0.046
CP-OFDM 256QAM	829	165800	10	26	13	23.10	16.15	0.041
CP-OFDM 256QAM	829	165800	10	52	0	22.83	15.88	0.039
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	0	22.30	15.35	0.034
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	1	51	22.02	15.07	0.032
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	25	12	23.23	16.28	0.042
DFT-s-OFDM PI/2 BPSK	836.5	167300	10	50	0	23.56	16.61	0.046
DFT-s-OFDM QPSK	836.5	167300	10	1	0	22.20	15.25	0.033
DFT-s-OFDM QPSK	836.5	167300	10	1	51	22.81	15.86	0.039
DFT-s-OFDM QPSK	836.5	167300	10	25	12	23.13	16.18	0.041
DFT-s-OFDM QPSK	836.5	167300	10	50	0	22.06	15.11	0.032
DFT-s-OFDM 16QAM	836.5	167300	10	1	0	22.39	15.44	0.035
DFT-s-OFDM 16QAM	836.5	167300	10	1	51	22.71	15.76	0.038
DFT-s-OFDM 16QAM	836.5	167300	10	25	12	23.32	16.37	0.043
DFT-s-OFDM 16QAM	836.5	167300	10	50	0	23.64	16.69	0.047
DFT-s-OFDM 64QAM	836.5	167300	10	1	0	22.29	15.34	0.034
DFT-s-OFDM 64QAM	836.5	167300	10	1	51	22.89	15.94	0.039
DFT-s-OFDM 64QAM	836.5	167300	10	25	12	23.22	16.27	0.042
DFT-s-OFDM 64QAM	836.5	167300	10	50	0	23.55	16.60	0.046
DFT-s-OFDM 256QAM	836.5	167300	10	1	0	22.47	15.52	0.036
DFT-s-OFDM 256QAM	836.5	167300	10	1	51	22.80	15.85	0.038
DFT-s-OFDM 256QAM	836.5	167300	10	25	12	23.13	16.18	0.041
DFT-s-OFDM 256QAM	836.5	167300	10	50	0	22.05	15.10	0.032
CP-OFDM QPSK	836.5	167300	10	1	0	22.38	15.43	0.035
CP-OFDM QPSK	836.5	167300	10	1	51	23.59	16.64	0.046
CP-OFDM QPSK	836.5	167300	10	26	13	22.23	15.28	0.034
CP-OFDM QPSK	836.5	167300	10	52	0	23.64	16.69	0.047
CP-OFDM 16QAM	836.5	167300	10	1	0	23.16	16.21	0.042
CP-OFDM 16QAM	836.5	167300	10	1	51	23.49	16.54	0.045
CP-OFDM 16QAM	836.5	167300	10	26	13	22.41	15.46	0.035
CP-OFDM 16QAM	836.5	167300	10	52	0	22.74	15.79	0.038
CP-OFDM 64QAM	836.5	167300	10	1	0	23.07	16.12	0.041
CP-OFDM 64QAM	836.5	167300	10	1	51	23.40	16.45	0.044
CP-OFDM 64QAM	836.5	167300	10	26	13	22.32	15.37	0.034
CP-OFDM 64QAM	836.5	167300	10	52	0	22.65	15.70	0.037
CP-OFDM 256QAM	836.5	167300	10	1	0	22.98	16.03	0.040
CP-OFDM 256QAM	836.5	167300	10	1	51	22.50	15.55	0.036
CP-OFDM 256QAM	836.5	167300	10	26	13	22.23	15.28	0.034



CP-OFDM 256QAM	836.5	167300	10	52	0	23.43	16.48	0.044
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	0	23.26	16.31	0.043
DFT-s-OFDM PI/2 BPSK	844	168800	10	1	51	23.59	16.64	0.046
DFT-s-OFDM PI/2 BPSK	844	168800	10	25	12	22.23	15.28	0.034
DFT-s-OFDM PI/2 BPSK	844	168800	10	50	0	23.44	16.49	0.045
DFT-s-OFDM QPSK	844	168800	10	1	0	22.09	15.14	0.033
DFT-s-OFDM QPSK	844	168800	10	1	51	23.49	16.54	0.045
DFT-s-OFDM QPSK	844	168800	10	25	12	23.02	16.07	0.040
DFT-s-OFDM QPSK	844	168800	10	50	0	23.35	16.40	0.044
DFT-s-OFDM 16QAM	844	168800	10	1	0	23.68	16.73	0.047
DFT-s-OFDM 16QAM	844	168800	10	1	51	22.32	15.37	0.034
DFT-s-OFDM 16QAM	844	168800	10	25	12	23.53	16.58	0.045
DFT-s-OFDM 16QAM	844	168800	10	50	0	22.18	15.23	0.033
DFT-s-OFDM 64QAM	844	168800	10	1	0	22.50	15.55	0.036
DFT-s-OFDM 64QAM	844	168800	10	1	51	22.83	15.88	0.039
DFT-s-OFDM 64QAM	844	168800	10	25	12	22.36	15.41	0.035
DFT-s-OFDM 64QAM	844	168800	10	50	0	22.69	15.74	0.037
DFT-s-OFDM 256QAM	844	168800	10	1	0	23.01	16.06	0.040
DFT-s-OFDM 256QAM	844	168800	10	1	51	23.34	16.39	0.044
DFT-s-OFDM 256QAM	844	168800	10	25	12	22.87	15.92	0.039
DFT-s-OFDM 256QAM	844	168800	10	50	0	23.20	16.25	0.042
CP-OFDM QPSK	844	168800	10	1	0	23.52	16.57	0.045
CP-OFDM QPSK	844	168800	10	1	51	22.17	15.22	0.033
CP-OFDM QPSK	844	168800	10	26	13	22.77	15.82	0.038
CP-OFDM QPSK	844	168800	10	52	0	23.10	16.15	0.041
CP-OFDM 16QAM	844	168800	10	1	0	22.63	15.68	0.037
CP-OFDM 16QAM	844	168800	10	1	51	22.96	16.01	0.040
CP-OFDM 16QAM	844	168800	10	26	13	23.28	16.33	0.043
CP-OFDM 16QAM	844	168800	10	52	0	23.61	16.66	0.046
CP-OFDM 64QAM	844	168800	10	1	0	23.14	16.19	0.042
CP-OFDM 64QAM	844	168800	10	1	51	23.46	16.51	0.045
CP-OFDM 64QAM	844	168800	10	26	13	22.11	15.16	0.033
CP-OFDM 64QAM	844	168800	10	52	0	22.44	15.49	0.035
CP-OFDM 256QAM	844	168800	10	1	0	23.65	16.70	0.047
CP-OFDM 256QAM	844	168800	10	1	51	23.37	16.42	0.044
CP-OFDM 256QAM	844	168800	10	26	13	22.62	15.67	0.037
CP-OFDM 256QAM	844	168800	10	52	0	23.22	16.27	0.042

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	1	0	23.22	16.27	0.042
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	1	78	23.55	16.60	0.046
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	36	18	23.27	16.32	0.043
DFT-s-OFDM PI/2 BPSK	831.5	166300	15	75	0	22.80	15.85	0.038
DFT-s-OFDM QPSK	831.5	166300	15	1	0	22.52	15.57	0.036
DFT-s-OFDM QPSK	831.5	166300	15	1	78	22.05	15.10	0.032

DFT-s-OFDM QPSK	831.5	166300	15	36	18	23.45	16.50	0.045
DFT-s-OFDM QPSK	831.5	166300	15	75	0	22.10	15.15	0.033
DFT-s-OFDM 16QAM	831.5	166300	15	1	0	23.31	16.36	0.043
DFT-s-OFDM 16QAM	831.5	166300	15	1	78	23.03	16.08	0.041
DFT-s-OFDM 16QAM	831.5	166300	15	36	18	22.56	15.61	0.036
DFT-s-OFDM 16QAM	831.5	166300	15	75	0	22.28	15.33	0.034
DFT-s-OFDM 64QAM	831.5	166300	15	1	0	22.61	15.66	0.037
DFT-s-OFDM 64QAM	831.5	166300	15	1	78	23.21	16.26	0.042
DFT-s-OFDM 64QAM	831.5	166300	15	36	18	23.54	16.59	0.046
DFT-s-OFDM 64QAM	831.5	166300	15	75	0	22.47	15.52	0.036
DFT-s-OFDM 256QAM	831.5	166300	15	1	0	22.79	15.84	0.038
DFT-s-OFDM 256QAM	831.5	166300	15	1	78	23.12	16.17	0.041
DFT-s-OFDM 256QAM	831.5	166300	15	36	18	22.04	15.09	0.032
DFT-s-OFDM 256QAM	831.5	166300	15	75	0	22.37	15.42	0.035
CP-OFDM QPSK	831.5	166300	15	1	0	22.97	16.02	0.040
CP-OFDM QPSK	831.5	166300	15	1	78	23.30	16.35	0.043
CP-OFDM QPSK	831.5	166300	15	39	19	23.63	16.68	0.047
CP-OFDM QPSK	831.5	166300	15	79	0	22.55	15.60	0.036
CP-OFDM 16QAM	831.5	166300	15	1	0	22.88	15.93	0.039
CP-OFDM 16QAM	831.5	166300	15	1	78	23.48	16.53	0.045
CP-OFDM 16QAM	831.5	166300	15	39	19	22.13	15.18	0.033
CP-OFDM 16QAM	831.5	166300	15	79	0	22.74	15.79	0.038
CP-OFDM 64QAM	831.5	166300	15	1	0	23.06	16.11	0.041
CP-OFDM 64QAM	831.5	166300	15	1	78	23.67	16.72	0.047
CP-OFDM 64QAM	831.5	166300	15	39	19	22.31	15.36	0.034
CP-OFDM 64QAM	831.5	166300	15	79	0	22.64	15.69	0.037
CP-OFDM 256QAM	831.5	166300	15	1	0	22.97	16.02	0.040
CP-OFDM 256QAM	831.5	166300	15	1	78	23.57	16.62	0.046
CP-OFDM 256QAM	831.5	166300	15	39	19	22.22	15.27	0.034
CP-OFDM 256QAM	831.5	166300	15	79	0	22.82	15.87	0.039
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	0	22.41	15.46	0.035
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	1	78	22.74	15.79	0.038
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	36	18	22.26	15.31	0.034
DFT-s-OFDM PI/2 BPSK	836.5	167300	15	75	0	23.67	16.72	0.047
DFT-s-OFDM QPSK	836.5	167300	15	1	0	22.32	15.37	0.034
DFT-s-OFDM QPSK	836.5	167300	15	1	78	23.52	16.57	0.045
DFT-s-OFDM QPSK	836.5	167300	15	36	18	22.17	15.22	0.033
DFT-s-OFDM QPSK	836.5	167300	15	75	0	22.77	15.82	0.038
DFT-s-OFDM 16QAM	836.5	167300	15	1	0	23.10	16.15	0.041
DFT-s-OFDM 16QAM	836.5	167300	15	1	78	23.43	16.48	0.044
DFT-s-OFDM 16QAM	836.5	167300	15	36	18	22.08	15.13	0.033
DFT-s-OFDM 16QAM	836.5	167300	15	75	0	22.68	15.73	0.037
DFT-s-OFDM 64QAM	836.5	167300	15	1	0	23.01	16.06	0.040
DFT-s-OFDM 64QAM	836.5	167300	15	1	78	23.33	16.38	0.043
DFT-s-OFDM 64QAM	836.5	167300	15	36	18	22.86	15.91	0.039
DFT-s-OFDM 64QAM	836.5	167300	15	75	0	22.58	15.63	0.037

DFT-s-OFDM 256QAM	836.5	167300	15	1	0	22.11	15.16	0.033
DFT-s-OFDM 256QAM	836.5	167300	15	1	78	22.44	15.49	0.035
DFT-s-OFDM 256QAM	836.5	167300	15	36	18	22.77	15.82	0.038
DFT-s-OFDM 256QAM	836.5	167300	15	75	0	23.09	16.14	0.041
CP-OFDM QPSK	836.5	167300	15	1	0	22.02	15.07	0.032
CP-OFDM QPSK	836.5	167300	15	1	78	22.34	15.39	0.035
CP-OFDM QPSK	836.5	167300	15	39	19	22.67	15.72	0.037
CP-OFDM QPSK	836.5	167300	15	79	0	22.20	15.25	0.033
CP-OFDM 16QAM	836.5	167300	15	1	0	23.60	16.65	0.046
CP-OFDM 16QAM	836.5	167300	15	1	78	23.13	16.18	0.041
CP-OFDM 16QAM	836.5	167300	15	39	19	23.46	16.51	0.045
CP-OFDM 16QAM	836.5	167300	15	79	0	22.10	15.15	0.033
CP-OFDM 64QAM	836.5	167300	15	1	0	22.71	15.76	0.038
CP-OFDM 64QAM	836.5	167300	15	1	78	23.04	16.09	0.041
CP-OFDM 64QAM	836.5	167300	15	39	19	23.36	16.41	0.044
CP-OFDM 64QAM	836.5	167300	15	79	0	22.01	15.06	0.032
CP-OFDM 256QAM	836.5	167300	15	1	0	23.22	16.27	0.042
CP-OFDM 256QAM	836.5	167300	15	1	78	23.54	16.59	0.046
CP-OFDM 256QAM	836.5	167300	15	39	19	22.47	15.52	0.036
CP-OFDM 256QAM	836.5	167300	15	79	0	22.80	15.85	0.038
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	0	23.39	16.44	0.044
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	1	78	22.92	15.97	0.040
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	36	18	23.25	16.30	0.043
DFT-s-OFDM PI/2 BPSK	841.5	168300	15	75	0	23.58	16.63	0.046
DFT-s-OFDM QPSK	841.5	168300	15	1	0	22.50	15.55	0.036
DFT-s-OFDM QPSK	841.5	168300	15	1	78	22.83	15.88	0.039
DFT-s-OFDM QPSK	841.5	168300	15	36	18	23.15	16.20	0.042
DFT-s-OFDM QPSK	841.5	168300	15	75	0	22.68	15.73	0.037
DFT-s-OFDM 16QAM	841.5	168300	15	1	0	22.73	15.78	0.038
DFT-s-OFDM 16QAM	841.5	168300	15	1	78	23.34	16.39	0.044
DFT-s-OFDM 16QAM	841.5	168300	15	36	18	23.66	16.71	0.047
DFT-s-OFDM 16QAM	841.5	168300	15	75	0	23.19	16.24	0.042
DFT-s-OFDM 64QAM	841.5	168300	15	1	0	23.52	16.57	0.045
DFT-s-OFDM 64QAM	841.5	168300	15	1	78	22.17	15.22	0.033
DFT-s-OFDM 64QAM	841.5	168300	15	36	18	22.49	15.54	0.036
DFT-s-OFDM 64QAM	841.5	168300	15	75	0	22.02	15.07	0.032
DFT-s-OFDM 256QAM	841.5	168300	15	1	0	22.35	15.40	0.035
DFT-s-OFDM 256QAM	841.5	168300	15	1	78	22.67	15.72	0.037
DFT-s-OFDM 256QAM	841.5	168300	15	36	18	23.00	16.05	0.040
DFT-s-OFDM 256QAM	841.5	168300	15	75	0	22.53	15.58	0.036
CP-OFDM QPSK	841.5	168300	15	1	0	22.86	15.91	0.039
CP-OFDM QPSK	841.5	168300	15	1	78	23.18	16.23	0.042
CP-OFDM QPSK	841.5	168300	15	39	19	23.51	16.56	0.045
CP-OFDM QPSK	841.5	168300	15	79	0	23.04	16.09	0.041
CP-OFDM 16QAM	841.5	168300	15	1	0	23.37	16.42	0.044
CP-OFDM 16QAM	841.5	168300	15	1	78	22.01	15.06	0.032

CP-OFDM 16QAM	841.5	168300	15	39	19	22.34	15.39	0.035
CP-OFDM 16QAM	841.5	168300	15	79	0	23.55	16.60	0.046
CP-OFDM 64QAM	841.5	168300	15	1	0	22.19	15.24	0.033
CP-OFDM 64QAM	841.5	168300	15	1	78	22.52	15.57	0.036
CP-OFDM 64QAM	841.5	168300	15	39	19	22.85	15.90	0.039
CP-OFDM 64QAM	841.5	168300	15	79	0	22.38	15.43	0.035
CP-OFDM 256QAM	841.5	168300	15	1	0	22.70	15.75	0.038
CP-OFDM 256QAM	841.5	168300	15	1	78	23.03	16.08	0.041
CP-OFDM 256QAM	841.5	168300	15	39	19	23.36	16.41	0.044
CP-OFDM 256QAM	841.5	168300	15	79	0	22.89	15.94	0.039

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	1	0	22.94	15.99	0.040
DFT-s-OFDM PI/2 BPSK	834	166800	20	1	105	23.27	16.32	0.043
DFT-s-OFDM PI/2 BPSK	834	166800	20	50	25	22.19	15.24	0.033
DFT-s-OFDM PI/2 BPSK	834	166800	20	100	0	22.52	15.57	0.036
DFT-s-OFDM QPSK	834	166800	20	1	0	23.12	16.17	0.041
DFT-s-OFDM QPSK	834	166800	20	1	105	23.45	16.50	0.045
DFT-s-OFDM QPSK	834	166800	20	50	25	22.10	15.15	0.033
DFT-s-OFDM QPSK	834	166800	20	100	0	22.70	15.75	0.038
DFT-s-OFDM 16QAM	834	166800	20	1	0	23.03	16.08	0.041
DFT-s-OFDM 16QAM	834	166800	20	1	105	23.63	16.68	0.047
DFT-s-OFDM 16QAM	834	166800	20	50	25	22.28	15.33	0.034
DFT-s-OFDM 16QAM	834	166800	20	100	0	23.68	16.73	0.047
DFT-s-OFDM 64QAM	834	166800	20	1	0	23.21	16.26	0.042
DFT-s-OFDM 64QAM	834	166800	20	1	105	23.54	16.59	0.046
DFT-s-OFDM 64QAM	834	166800	20	50	25	22.46	15.51	0.036
DFT-s-OFDM 64QAM	834	166800	20	100	0	22.79	15.84	0.038
DFT-s-OFDM 256QAM	834	166800	20	1	0	23.12	16.17	0.041
DFT-s-OFDM 256QAM	834	166800	20	1	105	22.04	15.09	0.032
DFT-s-OFDM 256QAM	834	166800	20	50	25	22.37	15.42	0.035
DFT-s-OFDM 256QAM	834	166800	20	100	0	22.69	15.74	0.037
CP-OFDM QPSK	834	166800	20	1	0	23.30	16.35	0.043
CP-OFDM QPSK	834	166800	20	1	105	23.63	16.68	0.047
CP-OFDM QPSK	834	166800	20	53	26	22.27	15.32	0.034
CP-OFDM QPSK	834	166800	20	106	0	22.88	15.93	0.039
CP-OFDM 16QAM	834	166800	20	1	0	23.20	16.25	0.042
CP-OFDM 16QAM	834	166800	20	1	105	22.13	15.18	0.033
CP-OFDM 16QAM	834	166800	20	53	26	22.45	15.50	0.035
CP-OFDM 16QAM	834	166800	20	106	0	22.78	15.83	0.038
CP-OFDM 64QAM	834	166800	20	1	0	23.39	16.44	0.044
CP-OFDM 64QAM	834	166800	20	1	105	22.03	15.08	0.032
CP-OFDM 64QAM	834	166800	20	53	26	22.64	15.69	0.037
CP-OFDM 64QAM	834	166800	20	106	0	22.96	16.01	0.040
CP-OFDM 256QAM	834	166800	20	1	0	23.29	16.34	0.043

CP-OFDM 256QAM	834	166800	20	1	105	22.21	15.26	0.034
CP-OFDM 256QAM	834	166800	20	53	26	22.54	15.59	0.036
CP-OFDM 256QAM	834	166800	20	106	0	23.15	16.20	0.042
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	0	22.37	15.42	0.035
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	1	105	22.98	16.03	0.040
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	50	25	23.30	16.35	0.043
DFT-s-OFDM PI/2 BPSK	836.5	167300	20	100	0	23.63	16.68	0.047
DFT-s-OFDM QPSK	836.5	167300	20	1	0	22.28	15.33	0.034
DFT-s-OFDM QPSK	836.5	167300	20	1	105	23.49	16.54	0.045
DFT-s-OFDM QPSK	836.5	167300	20	50	25	22.13	15.18	0.033
DFT-s-OFDM QPSK	836.5	167300	20	100	0	22.46	15.51	0.036
DFT-s-OFDM 16QAM	836.5	167300	20	1	0	23.06	16.11	0.041
DFT-s-OFDM 16QAM	836.5	167300	20	1	105	23.39	16.44	0.044
DFT-s-OFDM 16QAM	836.5	167300	20	50	25	22.04	15.09	0.032
DFT-s-OFDM 16QAM	836.5	167300	20	100	0	22.37	15.42	0.035
DFT-s-OFDM 64QAM	836.5	167300	20	1	0	22.97	16.02	0.040
DFT-s-OFDM 64QAM	836.5	167300	20	1	105	23.30	16.35	0.043
DFT-s-OFDM 64QAM	836.5	167300	20	50	25	22.82	15.87	0.039
DFT-s-OFDM 64QAM	836.5	167300	20	100	0	23.15	16.20	0.042
DFT-s-OFDM 256QAM	836.5	167300	20	1	0	23.48	16.53	0.045
DFT-s-OFDM 256QAM	836.5	167300	20	1	105	22.13	15.18	0.033
DFT-s-OFDM 256QAM	836.5	167300	20	50	25	22.73	15.78	0.038
DFT-s-OFDM 256QAM	836.5	167300	20	100	0	23.06	16.11	0.041
CP-OFDM QPSK	836.5	167300	20	1	0	23.39	16.44	0.044
CP-OFDM QPSK	836.5	167300	20	1	105	22.91	15.96	0.039
CP-OFDM QPSK	836.5	167300	20	53	26	23.24	16.29	0.043
CP-OFDM QPSK	836.5	167300	20	106	0	22.16	15.21	0.033
CP-OFDM 16QAM	836.5	167300	20	1	0	22.49	15.54	0.036
CP-OFDM 16QAM	836.5	167300	20	1	105	22.82	15.87	0.039
CP-OFDM 16QAM	836.5	167300	20	53	26	23.15	16.20	0.042
CP-OFDM 16QAM	836.5	167300	20	106	0	22.67	15.72	0.037
CP-OFDM 64QAM	836.5	167300	20	1	0	22.40	15.45	0.035
CP-OFDM 64QAM	836.5	167300	20	1	105	22.73	15.78	0.038
CP-OFDM 64QAM	836.5	167300	20	53	26	22.25	15.30	0.034
CP-OFDM 64QAM	836.5	167300	20	106	0	22.58	15.63	0.037
CP-OFDM 256QAM	836.5	167300	20	1	0	22.91	15.96	0.039
CP-OFDM 256QAM	836.5	167300	20	1	105	23.51	16.56	0.045
CP-OFDM 256QAM	836.5	167300	20	53	26	22.16	15.21	0.033
CP-OFDM 256QAM	836.5	167300	20	106	0	22.49	15.54	0.036
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	0	22.31	15.36	0.034
DFT-s-OFDM PI/2 BPSK	839	167800	20	1	105	22.63	15.68	0.037
DFT-s-OFDM PI/2 BPSK	839	167800	20	50	25	22.16	15.21	0.033
DFT-s-OFDM PI/2 BPSK	839	167800	20	100	0	22.49	15.54	0.036
DFT-s-OFDM QPSK	839	167800	20	1	0	23.42	16.47	0.044
DFT-s-OFDM QPSK	839	167800	20	1	105	22.07	15.12	0.033
DFT-s-OFDM QPSK	839	167800	20	50	25	22.67	15.72	0.037

DFT-s-OFDM QPSK	839	167800	20	100	0	23.60	16.65	0.046
DFT-s-OFDM 16QAM	839	167800	20	1	0	23.33	16.38	0.043
DFT-s-OFDM 16QAM	839	167800	20	1	105	23.65	16.70	0.047
DFT-s-OFDM 16QAM	839	167800	20	50	25	23.18	16.23	0.042
DFT-s-OFDM 16QAM	839	167800	20	100	0	23.51	16.56	0.045
DFT-s-OFDM 64QAM	839	167800	20	1	0	22.15	15.20	0.033
DFT-s-OFDM 64QAM	839	167800	20	1	105	22.48	15.53	0.036
DFT-s-OFDM 64QAM	839	167800	20	50	25	22.01	15.06	0.032
DFT-s-OFDM 64QAM	839	167800	20	100	0	22.34	15.39	0.035
DFT-s-OFDM 256QAM	839	167800	20	1	0	22.66	15.71	0.037
DFT-s-OFDM 256QAM	839	167800	20	1	105	22.99	16.04	0.040
DFT-s-OFDM 256QAM	839	167800	20	50	25	22.52	15.57	0.036
DFT-s-OFDM 256QAM	839	167800	20	100	0	22.85	15.90	0.039
CP-OFDM QPSK	839	167800	20	1	0	23.17	16.22	0.042
CP-OFDM QPSK	839	167800	20	1	105	23.50	16.55	0.045
CP-OFDM QPSK	839	167800	20	53	26	22.75	15.80	0.038
CP-OFDM QPSK	839	167800	20	106	0	22.28	15.33	0.034
CP-OFDM 16QAM	839	167800	20	1	0	22.61	15.66	0.037
CP-OFDM 16QAM	839	167800	20	1	105	22.93	15.98	0.040
CP-OFDM 16QAM	839	167800	20	53	26	23.26	16.31	0.043
CP-OFDM 16QAM	839	167800	20	106	0	22.79	15.84	0.038
CP-OFDM 64QAM	839	167800	20	1	0	23.11	16.16	0.041
CP-OFDM 64QAM	839	167800	20	1	105	23.44	16.49	0.045
CP-OFDM 64QAM	839	167800	20	53	26	22.09	15.14	0.033
CP-OFDM 64QAM	839	167800	20	106	0	23.30	16.35	0.043
CP-OFDM 256QAM	839	167800	20	1	0	23.62	16.67	0.046
CP-OFDM 256QAM	839	167800	20	1	105	22.27	15.32	0.034
CP-OFDM 256QAM	839	167800	20	53	26	22.60	15.65	0.037
CP-OFDM 256QAM	839	167800	20	106	0	22.13	15.18	0.033