

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

SA N7 (For2500~2570)

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	2502.5	500500	5	12	6	22.05
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	1	1	23.47
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	1	23	23.14
DFT-s-OFDM QPSK	2502.5	500500	5	12	6	22.59
DFT-s-OFDM QPSK	2502.5	500500	5	1	1	22.97
DFT-s-OFDM QPSK	2502.5	500500	5	1	23	22.65
DFT-s-OFDM QPSK	2502.5	500500	5	12	6	22.09
DFT-s-OFDM QPSK	2502.5	500500	5	25	0	22.48
DFT-s-OFDM 16QAM	2502.5	500500	5	1	0	23.19
DFT-s-OFDM 16QAM	2502.5	500500	5	1	24	23.57
DFT-s-OFDM 16QAM	2502.5	500500	5	12	6	23.96
DFT-s-OFDM 16QAM	2502.5	500500	5	25	0	22.69
DFT-s-OFDM 64QAM	2502.5	500500	5	1	0	23.08
DFT-s-OFDM 64QAM	2502.5	500500	5	1	24	23.46
DFT-s-OFDM 64QAM	2502.5	500500	5	12	6	22.19
DFT-s-OFDM 64QAM	2502.5	500500	5	25	0	22.58
DFT-s-OFDM 256QAM	2502.5	500500	5	1	0	20.38
DFT-s-OFDM 256QAM	2502.5	500500	5	1	24	20.80
DFT-s-OFDM 256QAM	2502.5	500500	5	12	6	19.85
DFT-s-OFDM 256QAM	2502.5	500500	5	25	0	20.08
CP-OFDM QPSK	2502.5	500500	5	1	0	23.18
CP-OFDM QPSK	2502.5	500500	5	1	24	23.57
CP-OFDM QPSK	2502.5	500500	5	13	6	23.01
CP-OFDM QPSK	2502.5	500500	5	25	0	22.68
CP-OFDM 16QAM	2502.5	500500	5	1	0	23.07
CP-OFDM 16QAM	2502.5	500500	5	1	24	23.78
CP-OFDM 16QAM	2502.5	500500	5	13	6	22.19
CP-OFDM 16QAM	2502.5	500500	5	25	0	23.61
CP-OFDM 64QAM	2502.5	500500	5	1	0	23.28
CP-OFDM 64QAM	2502.5	500500	5	1	24	23.67
CP-OFDM 64QAM	2502.5	500500	5	13	6	23.11
CP-OFDM 64QAM	2502.5	500500	5	25	0	23.50
CP-OFDM 256QAM	2502.5	500500	5	1	0	19.94
CP-OFDM 256QAM	2502.5	500500	5	1	24	20.17
CP-OFDM 256QAM	2502.5	500500	5	13	6	20.40
CP-OFDM 256QAM	2502.5	500500	5	25	0	20.63
DFT-s-OFDM PI/2 BPSK	2535	507000	5	12	6	23.97
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	1	22.38
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	23	22.77
DFT-s-OFDM QPSK	2535	507000	5	12	6	23.15
DFT-s-OFDM QPSK	2535	507000	5	1	1	22.59
DFT-s-OFDM QPSK	2535	507000	5	1	23	22.98

DFT-s-OFDM QPSK	2535	507000	5	12	6	22.66
DFT-s-OFDM QPSK	2535	507000	5	25	0	22.10
DFT-s-OFDM 16QAM	2535	507000	5	1	0	22.48
DFT-s-OFDM 16QAM	2535	507000	5	1	24	22.87
DFT-s-OFDM 16QAM	2535	507000	5	12	6	23.26
DFT-s-OFDM 16QAM	2535	507000	5	25	0	22.70
DFT-s-OFDM 64QAM	2535	507000	5	1	0	23.08
DFT-s-OFDM 64QAM	2535	507000	5	1	24	23.47
DFT-s-OFDM 64QAM	2535	507000	5	12	6	22.20
DFT-s-OFDM 64QAM	2535	507000	5	25	0	22.59
DFT-s-OFDM 256QAM	2535	507000	5	1	0	20.38
DFT-s-OFDM 256QAM	2535	507000	5	1	24	20.81
DFT-s-OFDM 256QAM	2535	507000	5	12	6	19.86
DFT-s-OFDM 256QAM	2535	507000	5	25	0	20.09
CP-OFDM QPSK	2535	507000	5	1	0	23.90
CP-OFDM QPSK	2535	507000	5	1	24	22.31
CP-OFDM QPSK	2535	507000	5	13	6	23.02
CP-OFDM QPSK	2535	507000	5	25	0	23.40
CP-OFDM 16QAM	2535	507000	5	1	0	23.79
CP-OFDM 16QAM	2535	507000	5	1	24	22.19
CP-OFDM 16QAM	2535	507000	5	13	6	23.62
CP-OFDM 16QAM	2535	507000	5	25	0	22.02
CP-OFDM 64QAM	2535	507000	5	1	0	22.41
CP-OFDM 64QAM	2535	507000	5	1	24	22.80
CP-OFDM 64QAM	2535	507000	5	13	6	23.51
CP-OFDM 64QAM	2535	507000	5	25	0	23.89
CP-OFDM 256QAM	2535	507000	5	1	0	19.98
CP-OFDM 256QAM	2535	507000	5	1	24	20.83
CP-OFDM 256QAM	2535	507000	5	13	6	19.88
CP-OFDM 256QAM	2535	507000	5	25	0	20.11
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	12	6	22.38
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	1	23.80
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	23	22.21
DFT-s-OFDM QPSK	2567.5	513500	5	12	6	22.60
DFT-s-OFDM QPSK	2567.5	513500	5	1	1	22.98
DFT-s-OFDM QPSK	2567.5	513500	5	1	23	22.42
DFT-s-OFDM QPSK	2567.5	513500	5	12	6	22.81
DFT-s-OFDM QPSK	2567.5	513500	5	25	0	22.49
DFT-s-OFDM 16QAM	2567.5	513500	5	1	0	23.91
DFT-s-OFDM 16QAM	2567.5	513500	5	1	24	22.31
DFT-s-OFDM 16QAM	2567.5	513500	5	12	6	23.41
DFT-s-OFDM 16QAM	2567.5	513500	5	25	0	23.09
DFT-s-OFDM 64QAM	2567.5	513500	5	1	0	22.53
DFT-s-OFDM 64QAM	2567.5	513500	5	1	24	22.91
DFT-s-OFDM 64QAM	2567.5	513500	5	12	6	23.30
DFT-s-OFDM 64QAM	2567.5	513500	5	25	0	23.69

DFT-s-OFDM 256QAM	2567.5	513500	5	1	0	20.47
DFT-s-OFDM 256QAM	2567.5	513500	5	1	24	20.70
DFT-s-OFDM 256QAM	2567.5	513500	5	12	6	20.93
DFT-s-OFDM 256QAM	2567.5	513500	5	25	0	19.99
CP-OFDM QPSK	2567.5	513500	5	1	0	23.73
CP-OFDM QPSK	2567.5	513500	5	1	24	22.13
CP-OFDM QPSK	2567.5	513500	5	13	6	22.52
CP-OFDM QPSK	2567.5	513500	5	25	0	22.91
CP-OFDM 16QAM	2567.5	513500	5	1	0	22.35
CP-OFDM 16QAM	2567.5	513500	5	1	24	22.73
CP-OFDM 16QAM	2567.5	513500	5	13	6	23.12
CP-OFDM 16QAM	2567.5	513500	5	25	0	23.51
CP-OFDM 64QAM	2567.5	513500	5	1	0	22.95
CP-OFDM 64QAM	2567.5	513500	5	1	24	22.07
CP-OFDM 64QAM	2567.5	513500	5	13	6	23.72
CP-OFDM 64QAM	2567.5	513500	5	25	0	22.84
CP-OFDM 256QAM	2567.5	513500	5	1	0	20.53
CP-OFDM 256QAM	2567.5	513500	5	1	24	20.20
CP-OFDM 256QAM	2567.5	513500	5	13	6	20.43
CP-OFDM 256QAM	2567.5	513500	5	25	0	20.66

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2505	501000	10	25	12	23.21
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	1	22.89
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	50	22.33
DFT-s-OFDM QPSK	2505	501000	10	25	12	22.72
DFT-s-OFDM QPSK	2505	501000	10	1	1	23.43
DFT-s-OFDM QPSK	2505	501000	10	1	50	23.81
DFT-s-OFDM QPSK	2505	501000	10	25	12	22.22
DFT-s-OFDM QPSK	2505	501000	10	50	0	22.61
DFT-s-OFDM 16QAM	2505	501000	10	1	0	23.32
DFT-s-OFDM 16QAM	2505	501000	10	1	51	23.70
DFT-s-OFDM 16QAM	2505	501000	10	25	12	22.11
DFT-s-OFDM 16QAM	2505	501000	10	50	0	22.82
DFT-s-OFDM 64QAM	2505	501000	10	1	0	23.21
DFT-s-OFDM 64QAM	2505	501000	10	1	51	22.65
DFT-s-OFDM 64QAM	2505	501000	10	25	12	23.03
DFT-s-OFDM 64QAM	2505	501000	10	50	0	22.71
DFT-s-OFDM 256QAM	2505	501000	10	1	0	19.89
DFT-s-OFDM 256QAM	2505	501000	10	1	51	20.12
DFT-s-OFDM 256QAM	2505	501000	10	25	12	20.35
DFT-s-OFDM 256QAM	2505	501000	10	50	0	20.78
CP-OFDM QPSK	2505	501000	10	1	0	22.04
CP-OFDM QPSK	2505	501000	10	1	51	22.43
CP-OFDM QPSK	2505	501000	10	26	13	23.14

CP-OFDM QPSK	2505	501000	10	52	0	23.52
CP-OFDM 16QAM	2505	501000	10	1	0	23.91
CP-OFDM 16QAM	2505	501000	10	1	51	23.35
CP-OFDM 16QAM	2505	501000	10	26	13	23.03
CP-OFDM 16QAM	2505	501000	10	52	0	22.47
CP-OFDM 64QAM	2505	501000	10	1	0	22.86
CP-OFDM 64QAM	2505	501000	10	1	51	22.53
CP-OFDM 64QAM	2505	501000	10	26	13	23.95
CP-OFDM 64QAM	2505	501000	10	52	0	22.36
CP-OFDM 256QAM	2505	501000	10	1	0	20.25
CP-OFDM 256QAM	2505	501000	10	1	51	20.67
CP-OFDM 256QAM	2505	501000	10	26	13	20.90
CP-OFDM 256QAM	2505	501000	10	52	0	19.95
DFT-s-OFDM PI/2 BPSK	2535	507000	10	25	12	22.34
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	1	22.73
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	50	23.11
DFT-s-OFDM QPSK	2535	507000	10	25	12	23.50
DFT-s-OFDM QPSK	2535	507000	10	1	1	22.94
DFT-s-OFDM QPSK	2535	507000	10	1	50	23.33
DFT-s-OFDM QPSK	2535	507000	10	25	12	22.06
DFT-s-OFDM QPSK	2535	507000	10	50	0	22.44
DFT-s-OFDM 16QAM	2535	507000	10	1	0	22.83
DFT-s-OFDM 16QAM	2535	507000	10	1	51	23.22
DFT-s-OFDM 16QAM	2535	507000	10	25	12	22.66
DFT-s-OFDM 16QAM	2535	507000	10	50	0	23.04
DFT-s-OFDM 64QAM	2535	507000	10	1	0	23.43
DFT-s-OFDM 64QAM	2535	507000	10	1	51	23.82
DFT-s-OFDM 64QAM	2535	507000	10	25	12	23.26
DFT-s-OFDM 64QAM	2535	507000	10	50	0	22.93
DFT-s-OFDM 256QAM	2535	507000	10	1	0	20.59
DFT-s-OFDM 256QAM	2535	507000	10	1	51	20.26
DFT-s-OFDM 256QAM	2535	507000	10	25	12	20.49
DFT-s-OFDM 256QAM	2535	507000	10	50	0	20.72
CP-OFDM QPSK	2535	507000	10	1	0	23.92
CP-OFDM QPSK	2535	507000	10	1	51	23.36
CP-OFDM QPSK	2535	507000	10	26	13	23.75
CP-OFDM QPSK	2535	507000	10	52	0	22.48
CP-OFDM 16QAM	2535	507000	10	1	0	22.86
CP-OFDM 16QAM	2535	507000	10	1	51	23.25
CP-OFDM 16QAM	2535	507000	10	26	13	23.64
CP-OFDM 16QAM	2535	507000	10	52	0	23.08
CP-OFDM 64QAM	2535	507000	10	1	0	23.46
CP-OFDM 64QAM	2535	507000	10	1	51	23.85
CP-OFDM 64QAM	2535	507000	10	26	13	22.26
CP-OFDM 64QAM	2535	507000	10	52	0	22.97
CP-OFDM 256QAM	2535	507000	10	1	0	19.85

CP-OFDM 256QAM	2535	507000	10	1	51	20.84
CP-OFDM 256QAM	2535	507000	10	26	13	20.51
CP-OFDM 256QAM	2535	507000	10	52	0	20.74
DFT-s-OFDM PI/2 BPSK	2565	513000	10	25	12	23.65
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	1	22.06
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	50	22.45
DFT-s-OFDM QPSK	2565	513000	10	25	12	23.87
DFT-s-OFDM QPSK	2565	513000	10	1	1	22.27
DFT-s-OFDM QPSK	2565	513000	10	1	50	22.66
DFT-s-OFDM QPSK	2565	513000	10	25	12	23.05
DFT-s-OFDM QPSK	2565	513000	10	50	0	22.49
DFT-s-OFDM 16QAM	2565	513000	10	1	0	22.87
DFT-s-OFDM 16QAM	2565	513000	10	1	51	23.26
DFT-s-OFDM 16QAM	2565	513000	10	25	12	23.65
DFT-s-OFDM 16QAM	2565	513000	10	50	0	23.09
DFT-s-OFDM 64QAM	2565	513000	10	1	0	23.47
DFT-s-OFDM 64QAM	2565	513000	10	1	51	23.86
DFT-s-OFDM 64QAM	2565	513000	10	25	12	22.27
DFT-s-OFDM 64QAM	2565	513000	10	50	0	23.69
DFT-s-OFDM 256QAM	2565	513000	10	1	0	19.86
DFT-s-OFDM 256QAM	2565	513000	10	1	51	20.09
DFT-s-OFDM 256QAM	2565	513000	10	25	12	20.32
DFT-s-OFDM 256QAM	2565	513000	10	50	0	19.99
CP-OFDM QPSK	2565	513000	10	1	0	22.37
CP-OFDM QPSK	2565	513000	10	1	51	23.79
CP-OFDM QPSK	2565	513000	10	26	13	22.20
CP-OFDM QPSK	2565	513000	10	52	0	22.91
CP-OFDM 16QAM	2565	513000	10	1	0	22.97
CP-OFDM 16QAM	2565	513000	10	1	51	22.41
CP-OFDM 16QAM	2565	513000	10	26	13	22.80
CP-OFDM 16QAM	2565	513000	10	52	0	23.18
CP-OFDM 64QAM	2565	513000	10	1	0	23.57
CP-OFDM 64QAM	2565	513000	10	1	51	23.01
CP-OFDM 64QAM	2565	513000	10	26	13	23.40
CP-OFDM 64QAM	2565	513000	10	52	0	23.78
CP-OFDM 256QAM	2565	513000	10	1	0	19.92
CP-OFDM 256QAM	2565	513000	10	1	51	20.76
CP-OFDM 256QAM	2565	513000	10	26	13	19.81
CP-OFDM 256QAM	2565	513000	10	52	0	20.04

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	36	18	23.73
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	1	1	23.17
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	1	77	23.56
DFT-s-OFDM QPSK	2507.5	501500	15	36	18	23.95

DFT-s-OFDM QPSK	2507.5	501500	15	1	1	22.68
DFT-s-OFDM QPSK	2507.5	501500	15	1	77	23.06
DFT-s-OFDM QPSK	2507.5	501500	15	36	18	23.45
DFT-s-OFDM QPSK	2507.5	501500	15	75	0	22.89
DFT-s-OFDM 16QAM	2507.5	501500	15	1	0	22.57
DFT-s-OFDM 16QAM	2507.5	501500	15	1	78	22.95
DFT-s-OFDM 16QAM	2507.5	501500	15	36	18	22.39
DFT-s-OFDM 16QAM	2507.5	501500	15	75	0	22.78
DFT-s-OFDM 64QAM	2507.5	501500	15	1	0	23.49
DFT-s-OFDM 64QAM	2507.5	501500	15	1	78	23.88
DFT-s-OFDM 64QAM	2507.5	501500	15	36	18	22.28
DFT-s-OFDM 64QAM	2507.5	501500	15	75	0	22.67
DFT-s-OFDM 256QAM	2507.5	501500	15	1	0	19.87
DFT-s-OFDM 256QAM	2507.5	501500	15	1	78	20.10
DFT-s-OFDM 256QAM	2507.5	501500	15	36	18	19.91
DFT-s-OFDM 256QAM	2507.5	501500	15	75	0	20.75
CP-OFDM QPSK	2507.5	501500	15	1	0	23.27
CP-OFDM QPSK	2507.5	501500	15	1	78	22.71
CP-OFDM QPSK	2507.5	501500	15	39	19	23.10
CP-OFDM QPSK	2507.5	501500	15	79	0	23.48
CP-OFDM 16QAM	2507.5	501500	15	1	0	23.87
CP-OFDM 16QAM	2507.5	501500	15	1	78	22.60
CP-OFDM 16QAM	2507.5	501500	15	39	19	22.99
CP-OFDM 16QAM	2507.5	501500	15	79	0	23.37
CP-OFDM 64QAM	2507.5	501500	15	1	0	22.81
CP-OFDM 64QAM	2507.5	501500	15	1	78	23.20
CP-OFDM 64QAM	2507.5	501500	15	39	19	23.91
CP-OFDM 64QAM	2507.5	501500	15	79	0	22.32
CP-OFDM 256QAM	2507.5	501500	15	1	0	20.22
CP-OFDM 256QAM	2507.5	501500	15	1	78	20.45
CP-OFDM 256QAM	2507.5	501500	15	39	19	20.12
CP-OFDM 256QAM	2507.5	501500	15	79	0	20.35
DFT-s-OFDM PI/2 BPSK	2535	507000	15	36	18	23.78
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	1	23.46
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	77	22.90
DFT-s-OFDM QPSK	2535	507000	15	36	18	23.29
DFT-s-OFDM QPSK	2535	507000	15	1	1	23.67
DFT-s-OFDM QPSK	2535	507000	15	1	77	22.08
DFT-s-OFDM QPSK	2535	507000	15	36	18	23.50
DFT-s-OFDM QPSK	2535	507000	15	75	0	23.89
DFT-s-OFDM 16QAM	2535	507000	15	1	0	22.29
DFT-s-OFDM 16QAM	2535	507000	15	1	78	22.68
DFT-s-OFDM 16QAM	2535	507000	15	36	18	22.12
DFT-s-OFDM 16QAM	2535	507000	15	75	0	22.51
DFT-s-OFDM 64QAM	2535	507000	15	1	0	22.89
DFT-s-OFDM 64QAM	2535	507000	15	1	78	23.60

DFT-s-OFDM 64QAM	2535	507000	15	36	18	22.01
DFT-s-OFDM 64QAM	2535	507000	15	75	0	22.40
DFT-s-OFDM 256QAM	2535	507000	15	1	0	20.27
DFT-s-OFDM 256QAM	2535	507000	15	1	78	19.94
DFT-s-OFDM 256QAM	2535	507000	15	36	18	20.17
DFT-s-OFDM 256QAM	2535	507000	15	75	0	20.40
CP-OFDM QPSK	2535	507000	15	1	0	23.38
CP-OFDM QPSK	2535	507000	15	1	78	22.82
CP-OFDM QPSK	2535	507000	15	39	19	23.21
CP-OFDM QPSK	2535	507000	15	79	0	23.60
CP-OFDM 16QAM	2535	507000	15	1	0	23.98
CP-OFDM 16QAM	2535	507000	15	1	78	23.42
CP-OFDM 16QAM	2535	507000	15	39	19	23.81
CP-OFDM 16QAM	2535	507000	15	79	0	22.54
CP-OFDM 64QAM	2535	507000	15	1	0	22.93
CP-OFDM 64QAM	2535	507000	15	1	78	23.31
CP-OFDM 64QAM	2535	507000	15	39	19	23.70
CP-OFDM 64QAM	2535	507000	15	79	0	23.14
CP-OFDM 256QAM	2535	507000	15	1	0	20.71
CP-OFDM 256QAM	2535	507000	15	1	78	20.94
CP-OFDM 256QAM	2535	507000	15	39	19	19.99
CP-OFDM 256QAM	2535	507000	15	79	0	20.84
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	36	18	22.62
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	1	23.00
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	77	22.12
DFT-s-OFDM QPSK	2562.5	512500	15	36	18	22.51
DFT-s-OFDM QPSK	2562.5	512500	15	1	1	23.93
DFT-s-OFDM QPSK	2562.5	512500	15	1	77	22.34
DFT-s-OFDM QPSK	2562.5	512500	15	36	18	22.72
DFT-s-OFDM QPSK	2562.5	512500	15	75	0	23.11
DFT-s-OFDM 16QAM	2562.5	512500	15	1	0	22.55
DFT-s-OFDM 16QAM	2562.5	512500	15	1	78	22.94
DFT-s-OFDM 16QAM	2562.5	512500	15	36	18	23.32
DFT-s-OFDM 16QAM	2562.5	512500	15	75	0	23.71
DFT-s-OFDM 64QAM	2562.5	512500	15	1	0	23.15
DFT-s-OFDM 64QAM	2562.5	512500	15	1	78	23.54
DFT-s-OFDM 64QAM	2562.5	512500	15	36	18	23.92
DFT-s-OFDM 64QAM	2562.5	512500	15	75	0	23.04
DFT-s-OFDM 256QAM	2562.5	512500	15	1	0	20.65
DFT-s-OFDM 256QAM	2562.5	512500	15	1	78	20.88
DFT-s-OFDM 256QAM	2562.5	512500	15	36	18	20.55
DFT-s-OFDM 256QAM	2562.5	512500	15	75	0	20.78
CP-OFDM QPSK	2562.5	512500	15	1	0	22.05
CP-OFDM QPSK	2562.5	512500	15	1	78	22.43
CP-OFDM QPSK	2562.5	512500	15	39	19	23.85
CP-OFDM QPSK	2562.5	512500	15	79	0	22.97

CP-OFDM 16QAM	2562.5	512500	15	1	0	23.36
CP-OFDM 16QAM	2562.5	512500	15	1	78	23.74
CP-OFDM 16QAM	2562.5	512500	15	39	19	22.15
CP-OFDM 16QAM	2562.5	512500	15	79	0	23.57
CP-OFDM 64QAM	2562.5	512500	15	1	0	23.96
CP-OFDM 64QAM	2562.5	512500	15	1	78	22.36
CP-OFDM 64QAM	2562.5	512500	15	39	19	22.75
CP-OFDM 64QAM	2562.5	512500	15	79	0	22.19
CP-OFDM 256QAM	2562.5	512500	15	1	0	20.15
CP-OFDM 256QAM	2562.5	512500	15	1	78	20.38
CP-OFDM 256QAM	2562.5	512500	15	39	19	20.61
CP-OFDM 256QAM	2562.5	512500	15	79	0	20.08

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2510	502000	20	50	25	23.69
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	1	23.13
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	104	23.52
DFT-s-OFDM QPSK	2510	502000	20	50	25	23.19
DFT-s-OFDM QPSK	2510	502000	20	1	1	22.64
DFT-s-OFDM QPSK	2510	502000	20	1	104	23.02
DFT-s-OFDM QPSK	2510	502000	20	50	25	23.73
DFT-s-OFDM QPSK	2510	502000	20	100	0	22.14
DFT-s-OFDM 16QAM	2510	502000	20	1	0	22.53
DFT-s-OFDM 16QAM	2510	502000	20	1	105	22.91
DFT-s-OFDM 16QAM	2510	502000	20	50	25	23.62
DFT-s-OFDM 16QAM	2510	502000	20	100	0	22.74
DFT-s-OFDM 64QAM	2510	502000	20	1	0	22.42
DFT-s-OFDM 64QAM	2510	502000	20	1	105	23.84
DFT-s-OFDM 64QAM	2510	502000	20	50	25	22.24
DFT-s-OFDM 64QAM	2510	502000	20	100	0	22.63
DFT-s-OFDM 256QAM	2510	502000	20	1	0	20.41
DFT-s-OFDM 256QAM	2510	502000	20	1	105	20.83
DFT-s-OFDM 256QAM	2510	502000	20	50	25	19.88
DFT-s-OFDM 256QAM	2510	502000	20	100	0	20.73
CP-OFDM QPSK	2510	502000	20	1	0	23.94
CP-OFDM QPSK	2510	502000	20	1	105	22.35
CP-OFDM QPSK	2510	502000	20	53	26	23.06
CP-OFDM QPSK	2510	502000	20	106	0	23.44
CP-OFDM 16QAM	2510	502000	20	1	0	23.83
CP-OFDM 16QAM	2510	502000	20	1	105	22.24
CP-OFDM 16QAM	2510	502000	20	53	26	23.66
CP-OFDM 16QAM	2510	502000	20	106	0	23.33
CP-OFDM 64QAM	2510	502000	20	1	0	22.77
CP-OFDM 64QAM	2510	502000	20	1	105	23.16
CP-OFDM 64QAM	2510	502000	20	53	26	23.55

CP-OFDM 64QAM	2510	502000	20	106	0	22.28
CP-OFDM 256QAM	2510	502000	20	1	0	20.20
CP-OFDM 256QAM	2510	502000	20	1	105	20.43
CP-OFDM 256QAM	2510	502000	20	53	26	20.66
CP-OFDM 256QAM	2510	502000	20	106	0	20.32
DFT-s-OFDM PI/2 BPSK	2535	507000	20	50	25	23.24
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	1	23.63
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	104	22.04
DFT-s-OFDM QPSK	2535	507000	20	50	25	22.42
DFT-s-OFDM QPSK	2535	507000	20	1	1	23.84
DFT-s-OFDM QPSK	2535	507000	20	1	104	22.25
DFT-s-OFDM QPSK	2535	507000	20	50	25	22.64
DFT-s-OFDM QPSK	2535	507000	20	100	0	23.02
DFT-s-OFDM 16QAM	2535	507000	20	1	0	22.47
DFT-s-OFDM 16QAM	2535	507000	20	1	105	22.85
DFT-s-OFDM 16QAM	2535	507000	20	50	25	23.24
DFT-s-OFDM 16QAM	2535	507000	20	100	0	23.62
DFT-s-OFDM 64QAM	2535	507000	20	1	0	23.07
DFT-s-OFDM 64QAM	2535	507000	20	1	105	23.45
DFT-s-OFDM 64QAM	2535	507000	20	50	25	23.84
DFT-s-OFDM 64QAM	2535	507000	20	100	0	22.24
DFT-s-OFDM 256QAM	2535	507000	20	1	0	20.79
DFT-s-OFDM 256QAM	2535	507000	20	1	105	19.84
DFT-s-OFDM 256QAM	2535	507000	20	50	25	20.08
DFT-s-OFDM 256QAM	2535	507000	20	100	0	20.31
CP-OFDM QPSK	2535	507000	20	1	0	22.29
CP-OFDM QPSK	2535	507000	20	1	105	22.67
CP-OFDM QPSK	2535	507000	20	53	26	23.06
CP-OFDM QPSK	2535	507000	20	106	0	23.45
CP-OFDM 16QAM	2535	507000	20	1	0	22.89
CP-OFDM 16QAM	2535	507000	20	1	105	22.56
CP-OFDM 16QAM	2535	507000	20	53	26	23.66
CP-OFDM 16QAM	2535	507000	20	106	0	22.39
CP-OFDM 64QAM	2535	507000	20	1	0	22.78
CP-OFDM 64QAM	2535	507000	20	1	105	23.16
CP-OFDM 64QAM	2535	507000	20	53	26	22.60
CP-OFDM 64QAM	2535	507000	20	106	0	22.99
CP-OFDM 256QAM	2535	507000	20	1	0	20.62
CP-OFDM 256QAM	2535	507000	20	1	105	20.85
CP-OFDM 256QAM	2535	507000	20	53	26	20.52
CP-OFDM 256QAM	2535	507000	20	106	0	20.75
DFT-s-OFDM PI/2 BPSK	2560	512000	20	50	25	23.95
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	1	23.39
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	104	23.78
DFT-s-OFDM QPSK	2560	512000	20	50	25	22.18
DFT-s-OFDM QPSK	2560	512000	20	1	1	23.28

DFT-s-OFDM QPSK	2560	512000	20	1	104	23.67
DFT-s-OFDM QPSK	2560	512000	20	50	25	22.07
DFT-s-OFDM QPSK	2560	512000	20	100	0	23.50
DFT-s-OFDM 16QAM	2560	512000	20	1	0	23.88
DFT-s-OFDM 16QAM	2560	512000	20	1	105	22.29
DFT-s-OFDM 16QAM	2560	512000	20	50	25	22.67
DFT-s-OFDM 16QAM	2560	512000	20	100	0	22.12
DFT-s-OFDM 64QAM	2560	512000	20	1	0	23.21
DFT-s-OFDM 64QAM	2560	512000	20	1	105	23.60
DFT-s-OFDM 64QAM	2560	512000	20	50	25	22.01
DFT-s-OFDM 64QAM	2560	512000	20	100	0	22.39
DFT-s-OFDM 256QAM	2560	512000	20	1	0	20.88
DFT-s-OFDM 256QAM	2560	512000	20	1	105	19.93
DFT-s-OFDM 256QAM	2560	512000	20	50	25	20.16
DFT-s-OFDM 256QAM	2560	512000	20	100	0	20.39
CP-OFDM QPSK	2560	512000	20	1	0	22.43
CP-OFDM QPSK	2560	512000	20	1	105	22.82
CP-OFDM QPSK	2560	512000	20	53	26	23.21
CP-OFDM QPSK	2560	512000	20	106	0	22.32
CP-OFDM 16QAM	2560	512000	20	1	0	22.71
CP-OFDM 16QAM	2560	512000	20	1	105	23.10
CP-OFDM 16QAM	2560	512000	20	53	26	22.54
CP-OFDM 16QAM	2560	512000	20	106	0	22.92
CP-OFDM 64QAM	2560	512000	20	1	0	22.04
CP-OFDM 64QAM	2560	512000	20	1	105	22.43
CP-OFDM 64QAM	2560	512000	20	53	26	22.81
CP-OFDM 64QAM	2560	512000	20	106	0	22.25
CP-OFDM 256QAM	2560	512000	20	1	0	20.18
CP-OFDM 256QAM	2560	512000	20	1	105	20.84
CP-OFDM 256QAM	2560	512000	20	53	26	19.89
CP-OFDM 256QAM	2560	512000	20	106	0	20.12

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	2535	507000	5	25	0	4.480	Fig.1
CP-OFDM 16QAM	2535	507000	5	25	0	4.480	Fig.2
CP-OFDM 64QAM	2535	507000	5	25	0	4.490	Fig.3
CP-OFDM 256QAM	2535	507000	5	25	0	4.490	Fig.4
CP-OFDM QPSK	2535	507000	10	52	0	9.280	Fig.5
CP-OFDM 16QAM	2535	507000	10	52	0	9.270	Fig.6
CP-OFDM 64QAM	2535	507000	10	52	0	9.280	Fig.7
CP-OFDM 256QAM	2535	507000	10	52	0	9.280	Fig.8
CP-OFDM QPSK	2535	507000	15	79	0	14.070	Fig.9
CP-OFDM 16QAM	2535	507000	15	79	0	14.080	Fig.10
CP-OFDM 64QAM	2535	507000	15	79	0	14.080	Fig.11
CP-OFDM 256QAM	2535	507000	15	79	0	14.070	Fig.12
CP-OFDM QPSK	2535	507000	20	106	0	18.870	Fig.13
CP-OFDM 16QAM	2535	507000	20	106	0	18.900	Fig.14
CP-OFDM 64QAM	2535	507000	20	106	0	18.900	Fig.15
CP-OFDM 256QAM	2535	507000	20	106	0	18.870	Fig.16

Test Plot:

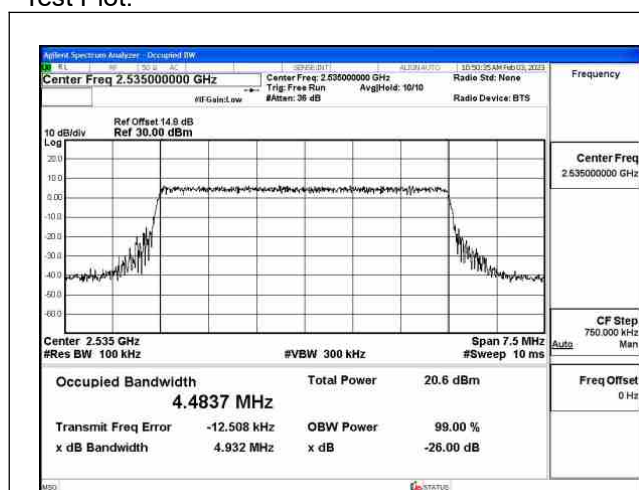


Fig.1

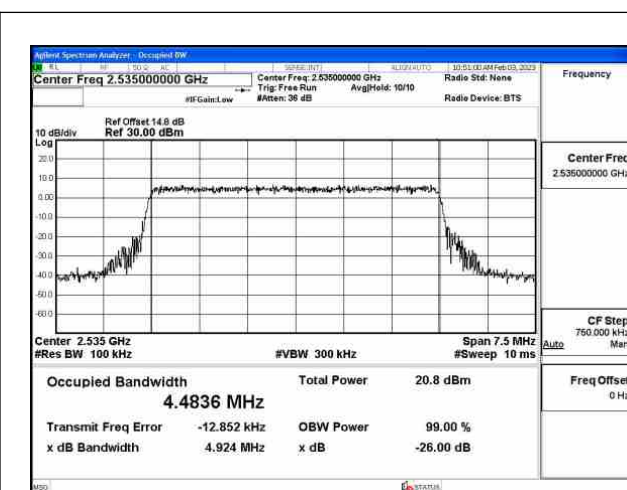


Fig.2

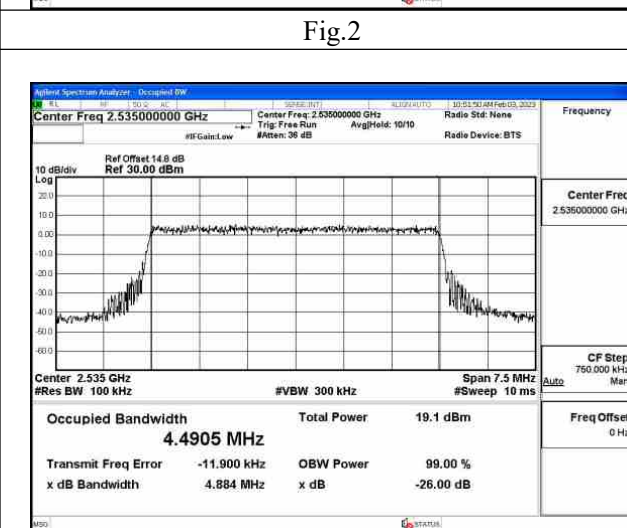
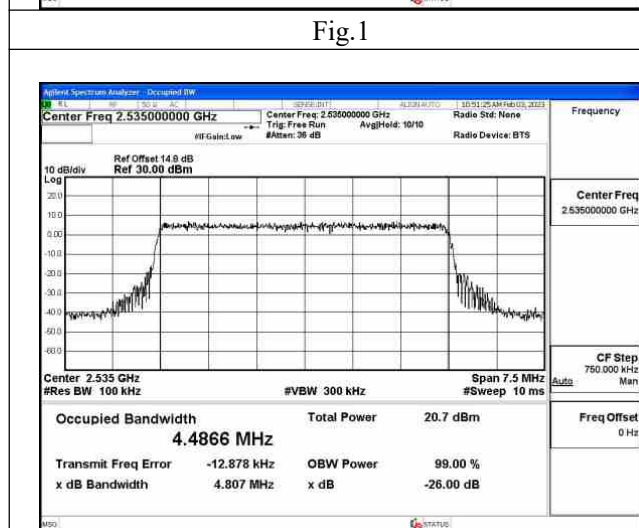


Fig.3

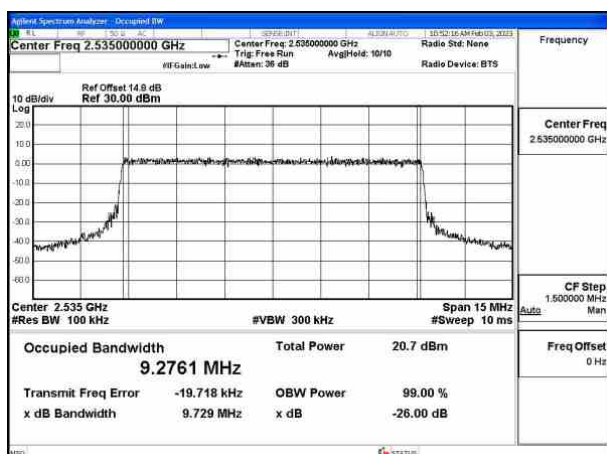


Fig.4

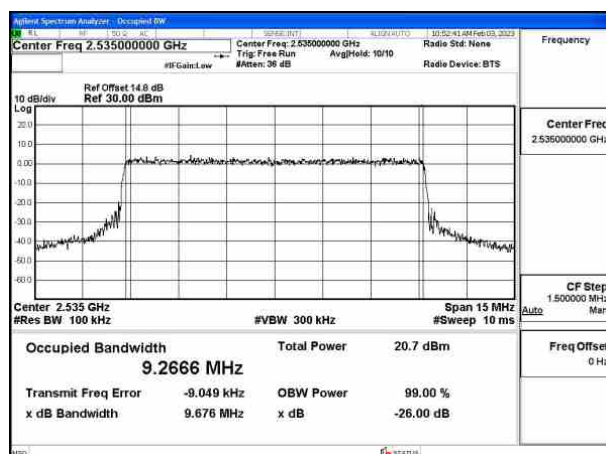


Fig.5

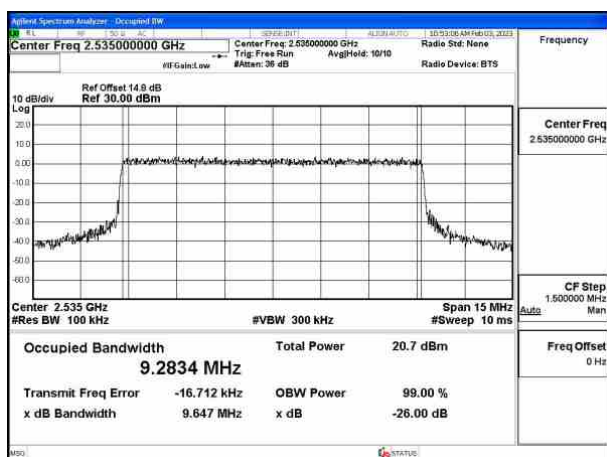


Fig.6

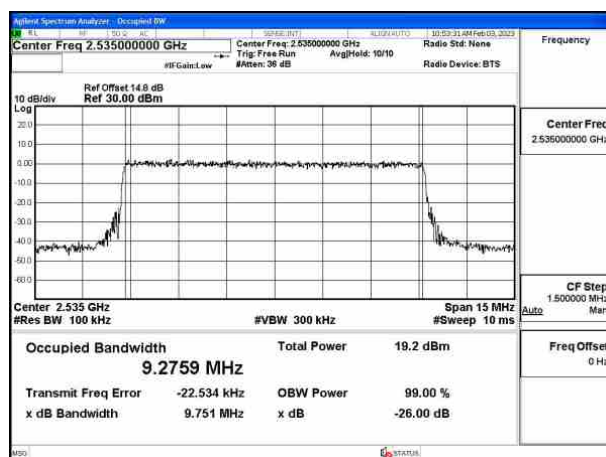


Fig.7

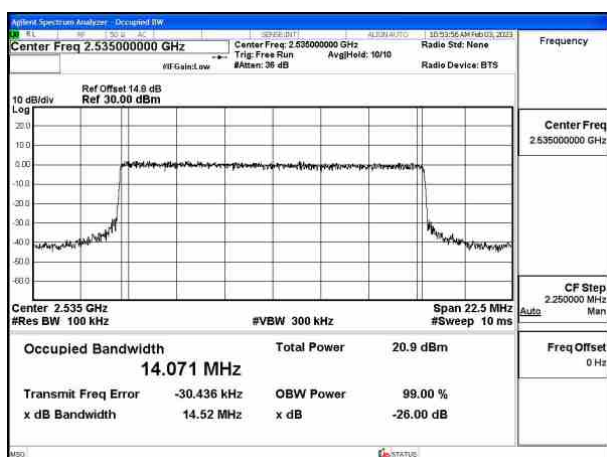


Fig.8

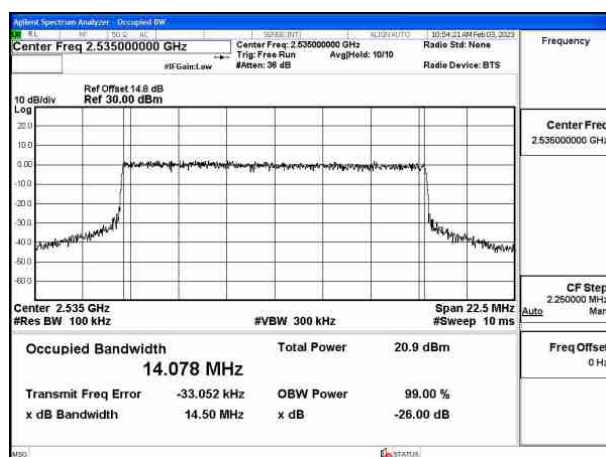


Fig.9

Fig.10

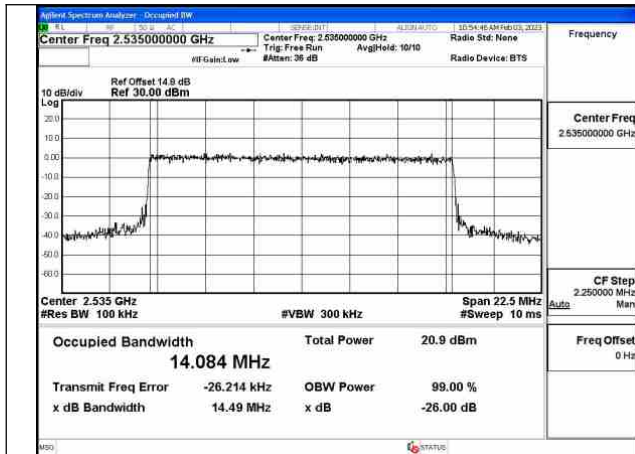


Fig.11

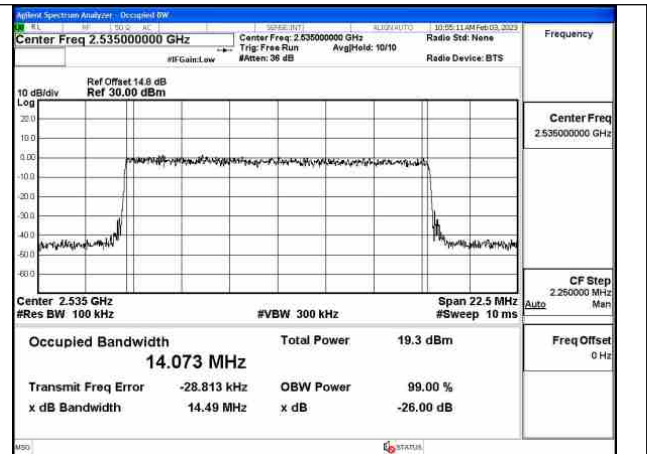


Fig.12

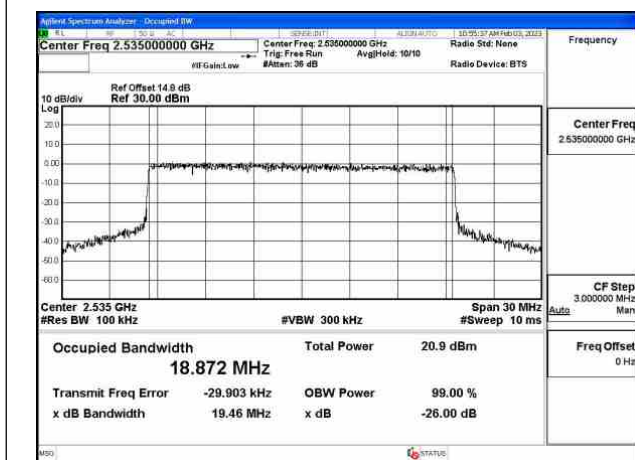


Fig.13

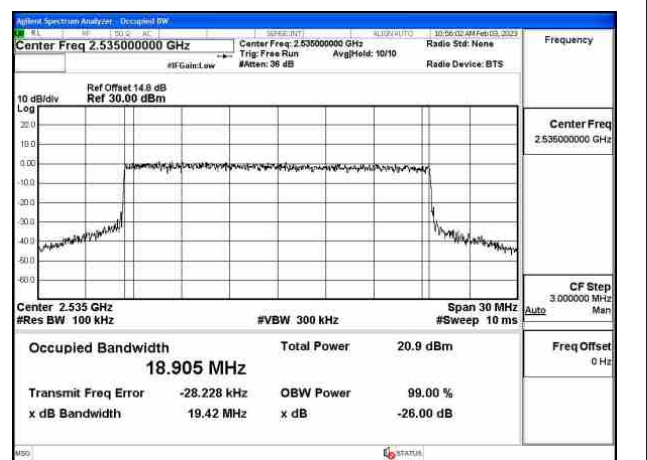


Fig.14

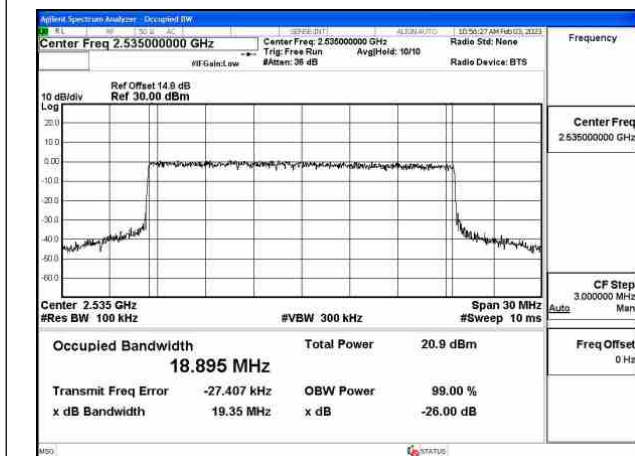


Fig.15

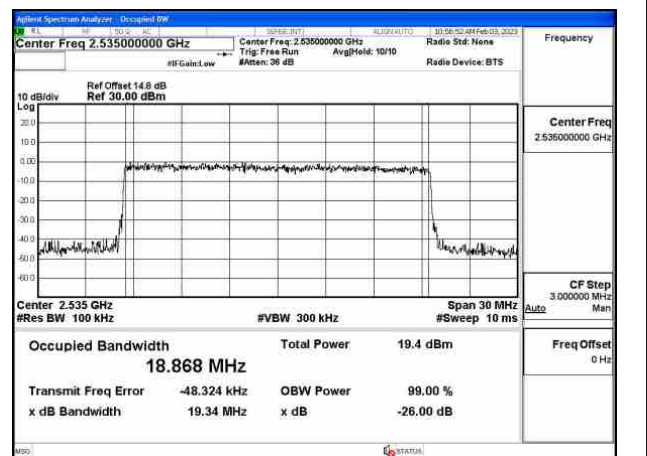


Fig.16

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	2535	507000	5	25	0	4.930	Fig.1
CP-OFDM 16QAM	2535	507000	5	25	0	4.920	Fig.2
CP-OFDM 64QAM	2535	507000	5	25	0	4.810	Fig.3
CP-OFDM 256QAM	2535	507000	5	25	0	4.880	Fig.4
CP-OFDM QPSK	2535	507000	10	52	0	9.730	Fig.5
CP-OFDM 16QAM	2535	507000	10	52	0	9.680	Fig.6
CP-OFDM 64QAM	2535	507000	10	52	0	9.650	Fig.7
CP-OFDM 256QAM	2535	507000	10	52	0	9.750	Fig.8
CP-OFDM QPSK	2535	507000	15	79	0	14.520	Fig.9
CP-OFDM 16QAM	2535	507000	15	79	0	14.500	Fig.10
CP-OFDM 64QAM	2535	507000	15	79	0	14.490	Fig.11
CP-OFDM 256QAM	2535	507000	15	79	0	14.490	Fig.12
CP-OFDM QPSK	2535	507000	20	106	0	19.460	Fig.13
CP-OFDM 16QAM	2535	507000	20	106	0	19.420	Fig.14
CP-OFDM 64QAM	2535	507000	20	106	0	19.350	Fig.15
CP-OFDM 256QAM	2535	507000	20	106	0	19.340	Fig.16

Test Plot:

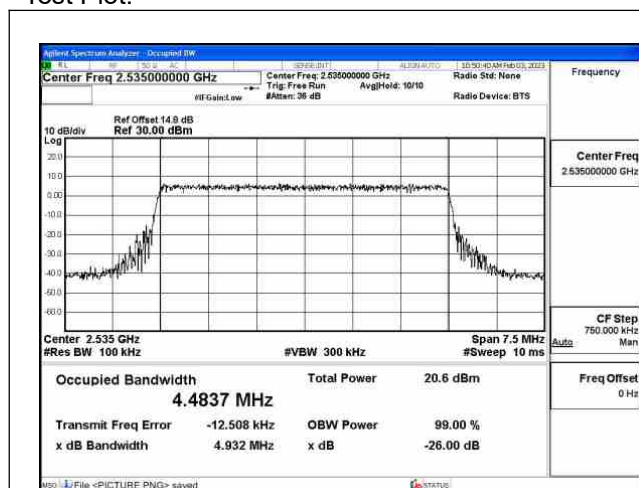


Fig.1

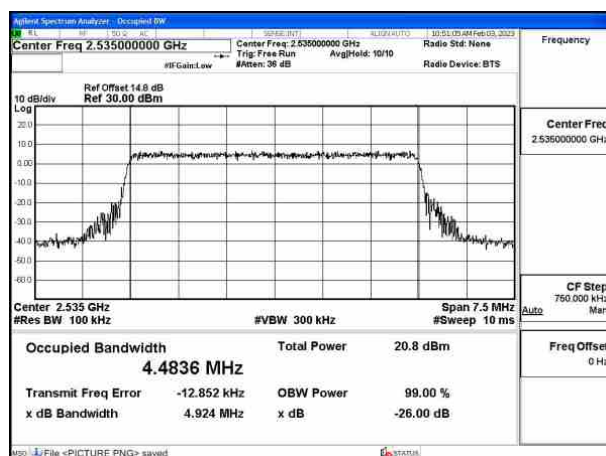


Fig.2

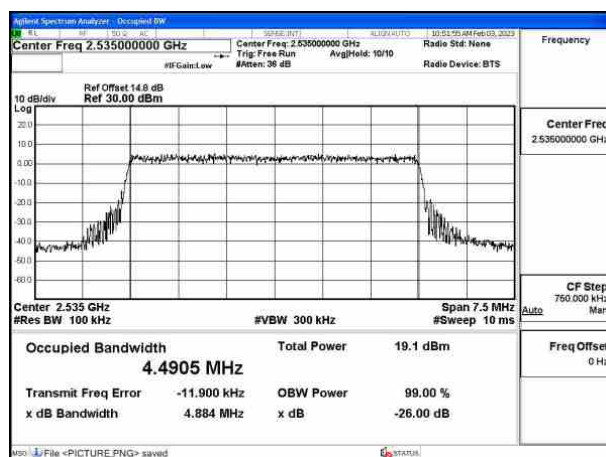
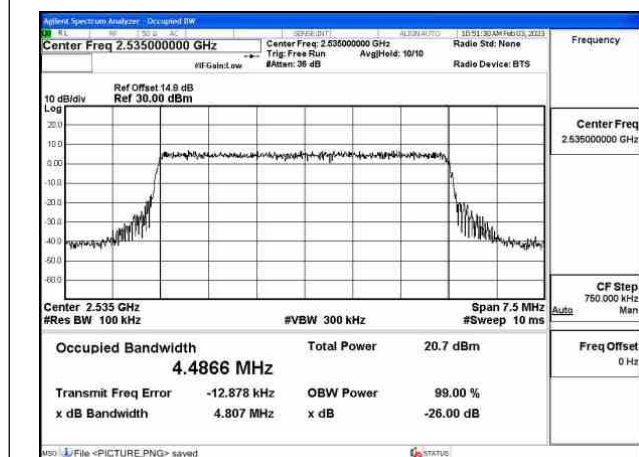


Fig.3

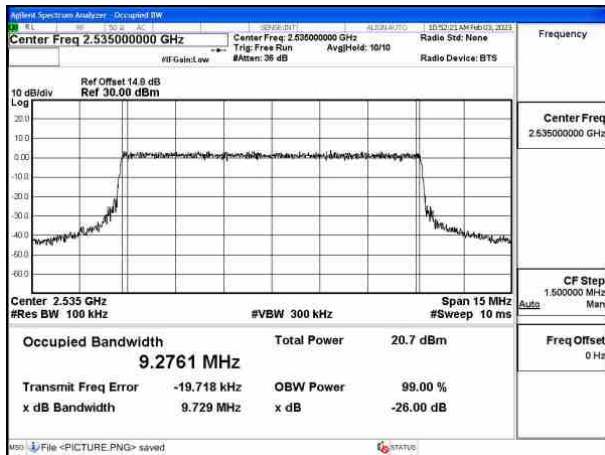


Fig.4

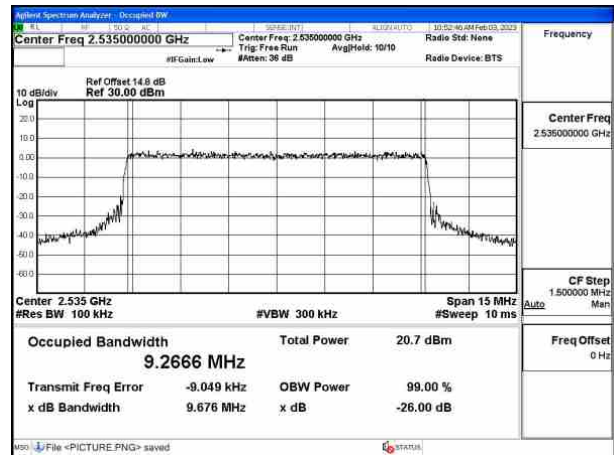


Fig.5

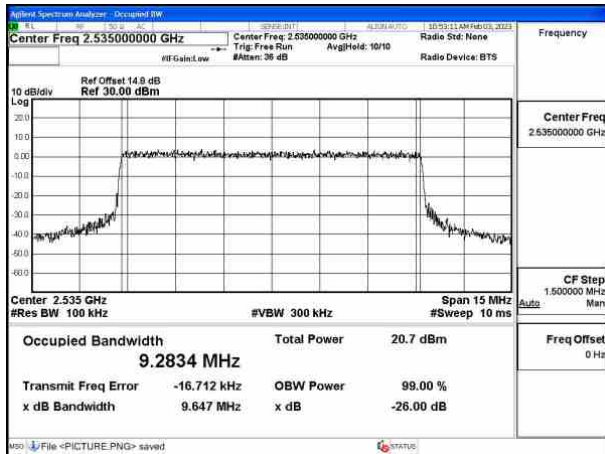


Fig.6

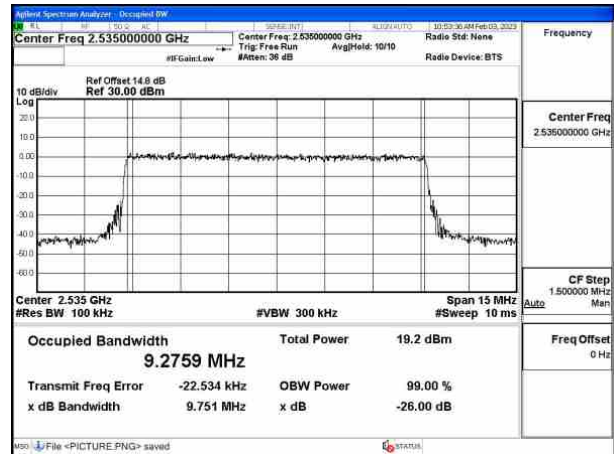


Fig.7

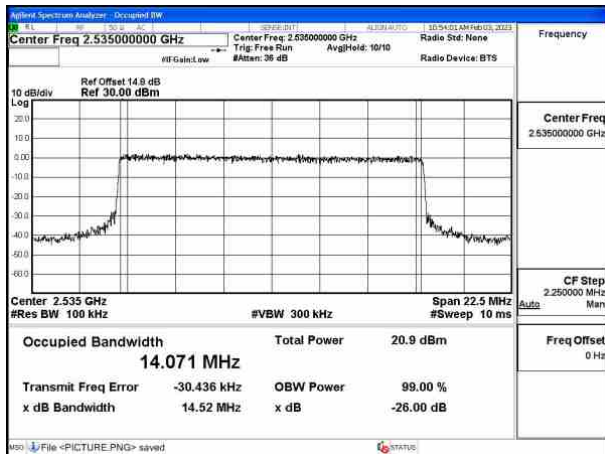


Fig.8

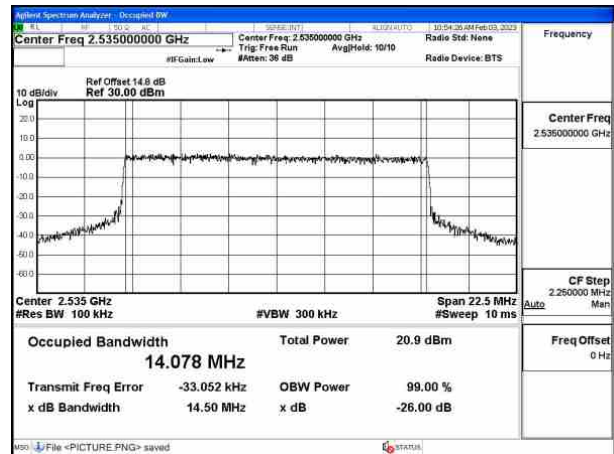


Fig.9

Fig.10

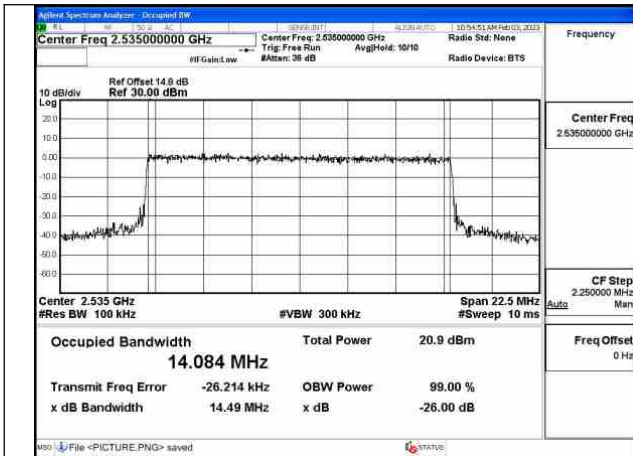


Fig.11

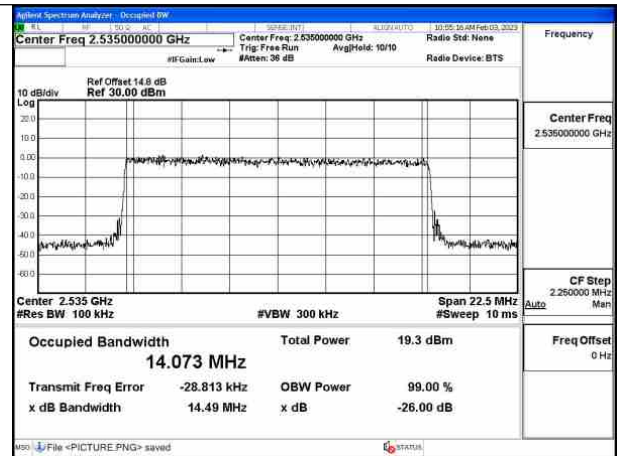


Fig.12

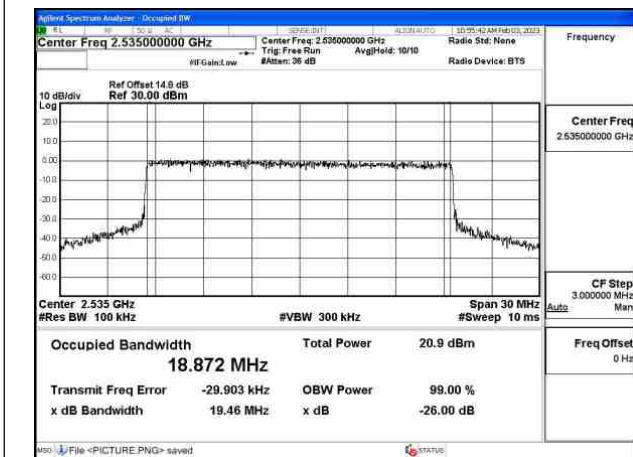


Fig.13

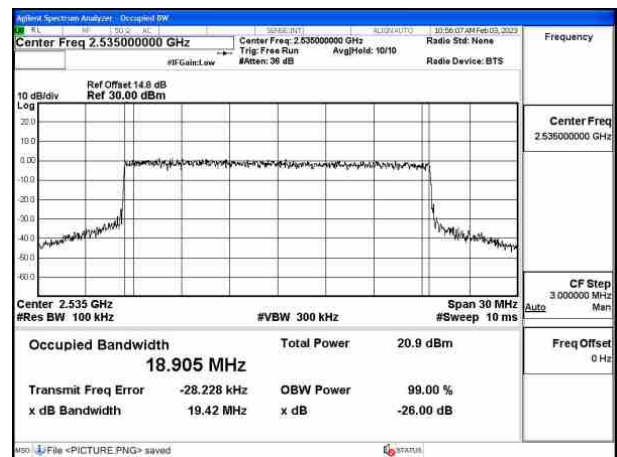


Fig.14

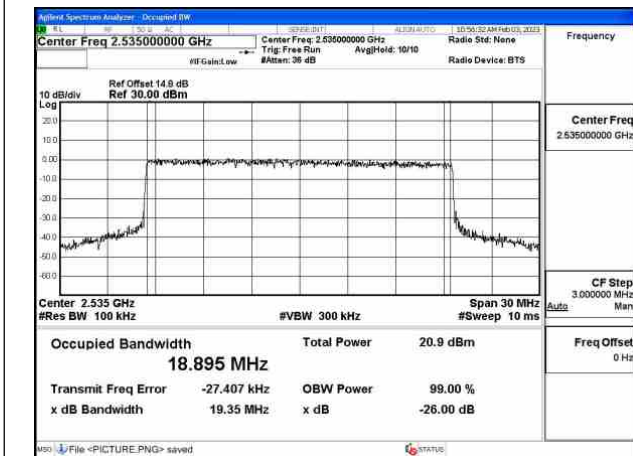


Fig.15

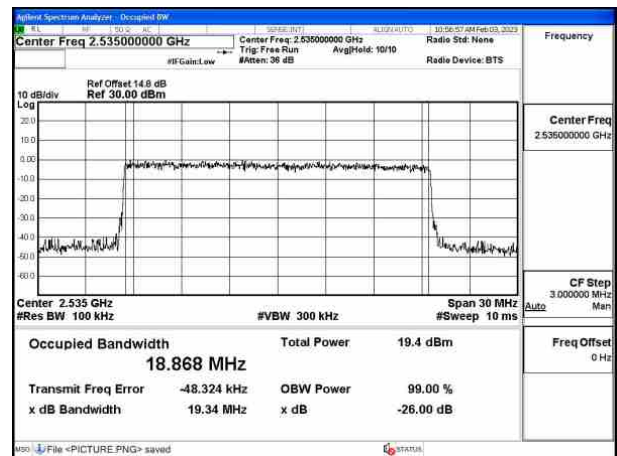


Fig.16

4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	2510	502000	20	50	25	Fig.1
DFT-s-OFDM QPSK	2510	502000	20	50	25	Fig.2
DFT-s-OFDM 16QAM	2510	502000	20	50	25	Fig.3
DFT-s-OFDM 64QAM	2510	502000	20	50	25	Fig.4
DFT-s-OFDM 256QAM	2510	502000	20	50	25	Fig.5
DFT-s-OFDM PI/2 BPSK	2535	507000	20	50	25	Fig.6
DFT-s-OFDM QPSK	2535	507000	20	50	25	Fig.7
DFT-s-OFDM 16QAM	2535	507000	20	50	25	Fig.8
DFT-s-OFDM 64QAM	2535	507000	20	50	25	Fig.9
DFT-s-OFDM 256QAM	2535	507000	20	50	25	Fig.10
DFT-s-OFDM PI/2 BPSK	2560	512000	20	50	25	Fig.11
DFT-s-OFDM QPSK	2560	512000	20	50	25	Fig.12
DFT-s-OFDM 16QAM	2560	512000	20	50	25	Fig.13
DFT-s-OFDM 64QAM	2560	512000	20	50	25	Fig.14
DFT-s-OFDM 256QAM	2560	512000	20	50	25	Fig.15

Test Plot:

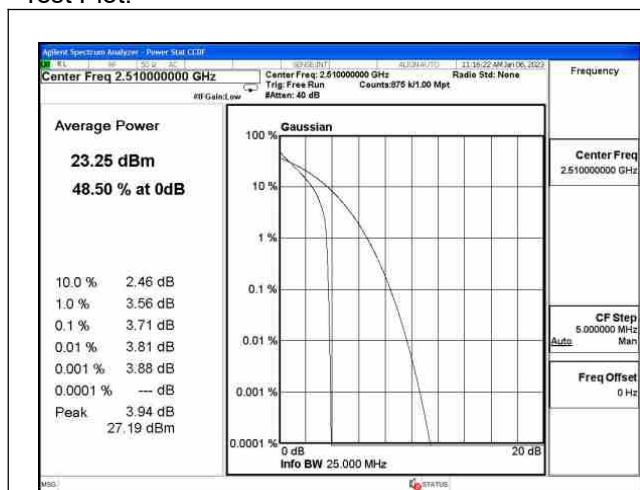


Fig.1

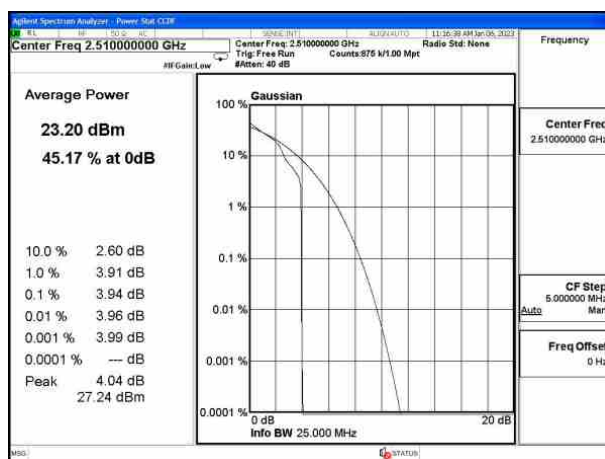


Fig.2

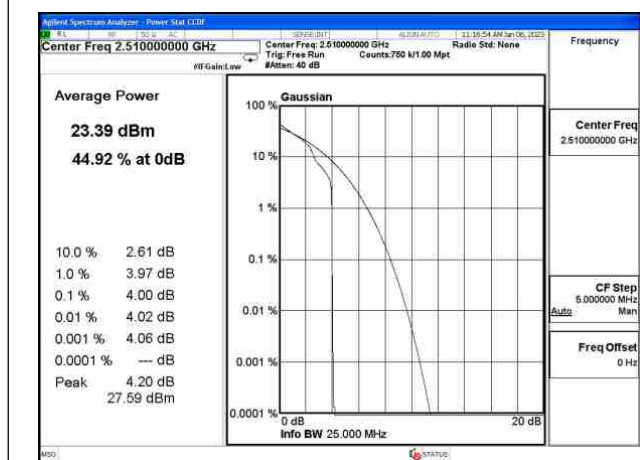


Fig.3

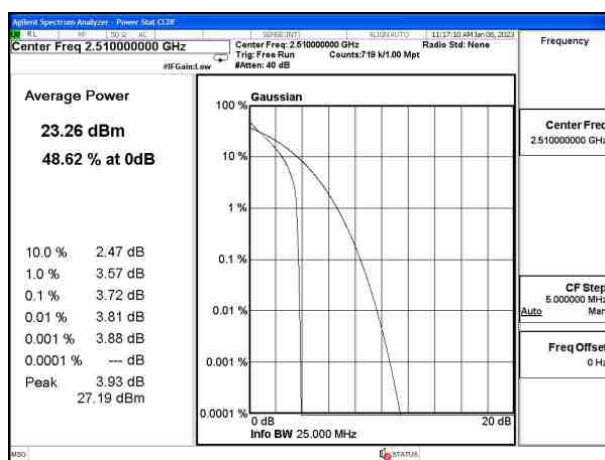


Fig.4

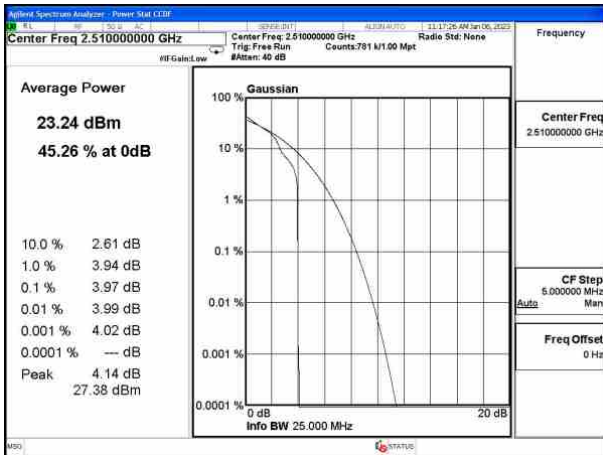


Fig.5

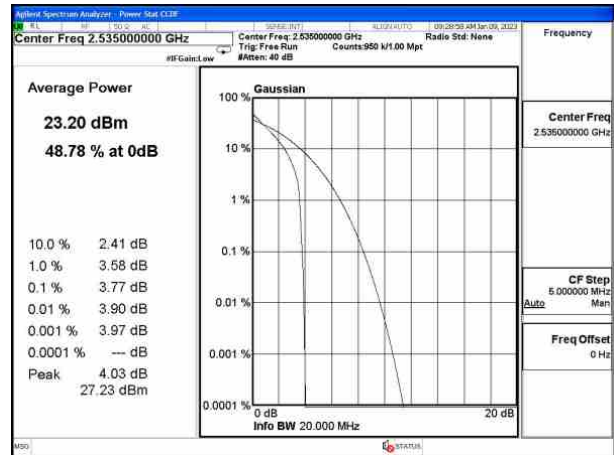


Fig.6

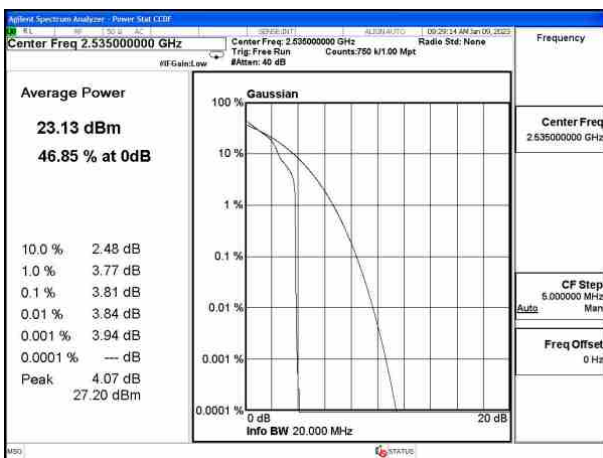


Fig.7

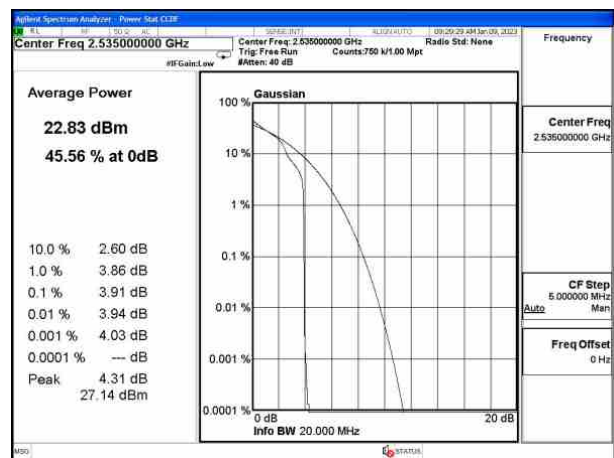


Fig.8

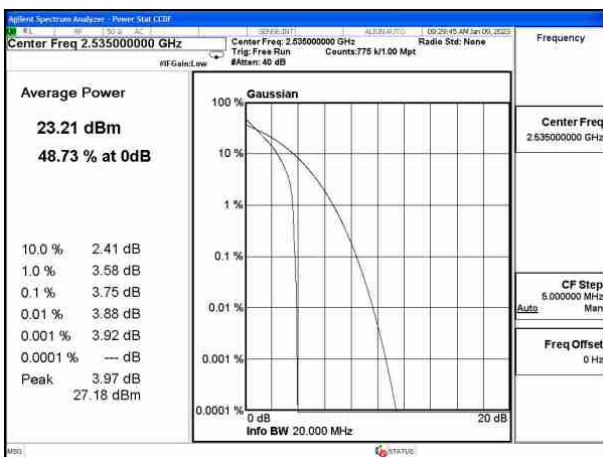


Fig.9

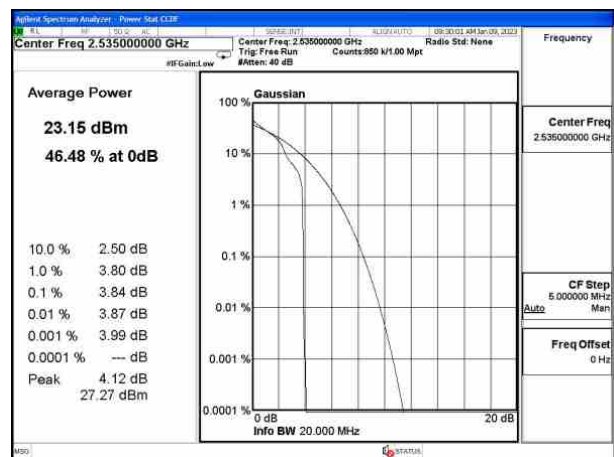


Fig.10

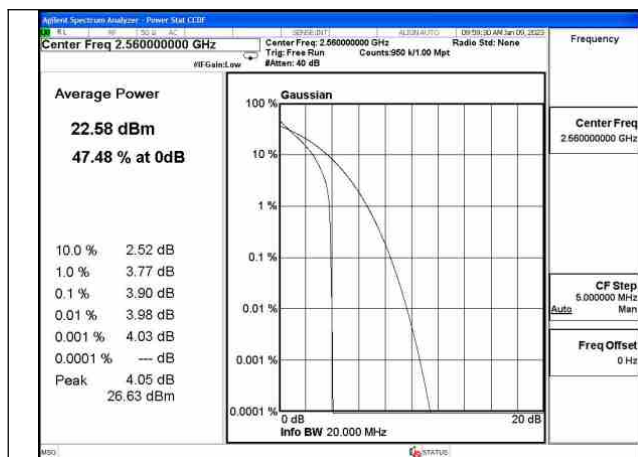


Fig.11

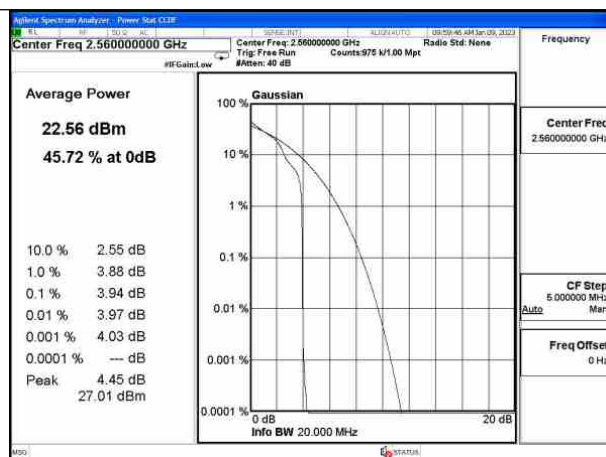


Fig.12

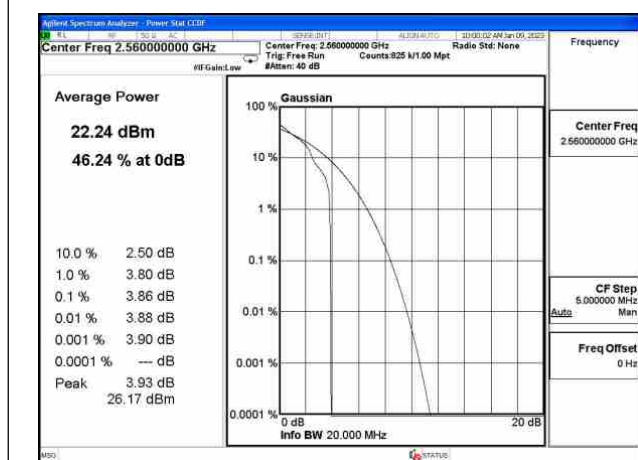


Fig.13

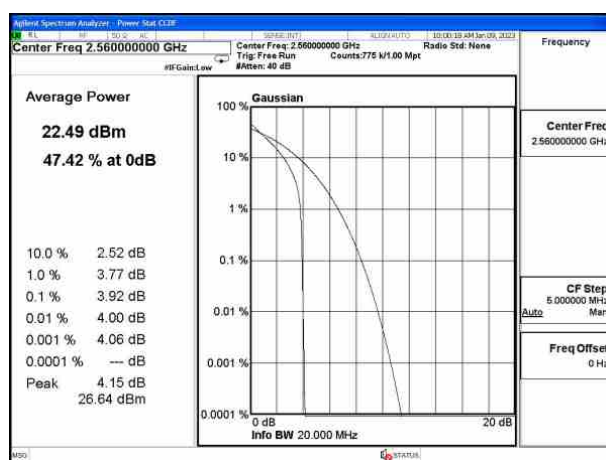


Fig.14

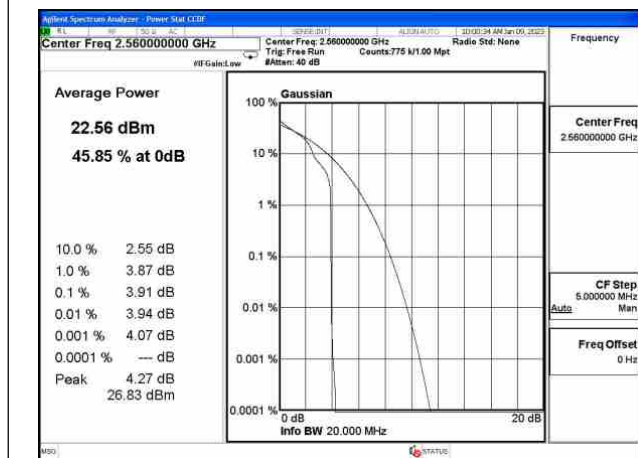


Fig.15

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	2502.5	500500	5	25	0	Fig.1	Fig.2
CP-OFDM QPSK	2502.5	500500	5	1	0	Fig.3	Fig.4
CP-OFDM QPSK	2502.5	500500	5	1	24	Fig.5	Fig.6
CP-OFDM QPSK	2535	507000	5	25	0	Fig.7	Fig.8
CP-OFDM QPSK	2535	507000	5	1	0	Fig.9	Fig.10
CP-OFDM QPSK	2535	507000	5	1	24	Fig.11	Fig.12
CP-OFDM QPSK	2567.5	513500	5	25	0	Fig.13	Fig.14
CP-OFDM QPSK	2567.5	513500	5	1	0	Fig.15	Fig.16
CP-OFDM QPSK	2567.5	513500	5	1	24	Fig.17	Fig.18
CP-OFDM QPSK	2505	501000	10	52	0	Fig.19	Fig.20
CP-OFDM QPSK	2505	501000	10	1	0	Fig.21	Fig.22
CP-OFDM QPSK	2505	501000	10	1	51	Fig.23	Fig.24
CP-OFDM QPSK	2535	507000	10	52	0	Fig.25	Fig.26
CP-OFDM QPSK	2535	507000	10	1	0	Fig.27	Fig.28
CP-OFDM QPSK	2535	507000	10	1	51	Fig.29	Fig.30
CP-OFDM QPSK	2565	513000	10	52	0	Fig.31	Fig.32
CP-OFDM QPSK	2565	513000	10	1	0	Fig.33	Fig.34
CP-OFDM QPSK	2565	513000	10	1	51	Fig.35	Fig.36
CP-OFDM QPSK	2507.5	501500	15	79	0	Fig.37	Fig.38
CP-OFDM QPSK	2507.5	501500	15	1	0	Fig.39	Fig.40
CP-OFDM QPSK	2507.5	501500	15	1	78	Fig.41	Fig.42
CP-OFDM QPSK	2535	507000	15	79	0	Fig.43	Fig.44
CP-OFDM QPSK	2535	507000	15	1	0	Fig.45	Fig.46
CP-OFDM QPSK	2535	507000	15	1	78	Fig.47	Fig.48
CP-OFDM QPSK	2562.5	512500	15	79	0	Fig.49	Fig.50
CP-OFDM QPSK	2562.5	512500	15	1	0	Fig.51	Fig.52
CP-OFDM QPSK	2562.5	512500	15	1	78	Fig.53	Fig.54
CP-OFDM QPSK	2510	502000	20	106	0	Fig.55	Fig.56
CP-OFDM QPSK	2510	502000	20	1	0	Fig.57	Fig.58
CP-OFDM QPSK	2510	502000	20	1	105	Fig.59	Fig.60
CP-OFDM QPSK	2535	507000	20	106	0	Fig.61	Fig.62
CP-OFDM QPSK	2535	507000	20	1	0	Fig.63	Fig.64
CP-OFDM QPSK	2535	507000	20	1	105	Fig.65	Fig.66
CP-OFDM QPSK	2560	512000	20	106	0	Fig.67	Fig.68
CP-OFDM QPSK	2560	512000	20	1	0	Fig.69	Fig.70
CP-OFDM QPSK	2560	512000	20	1	105	Fig.71	Fig.72

Test Plot:

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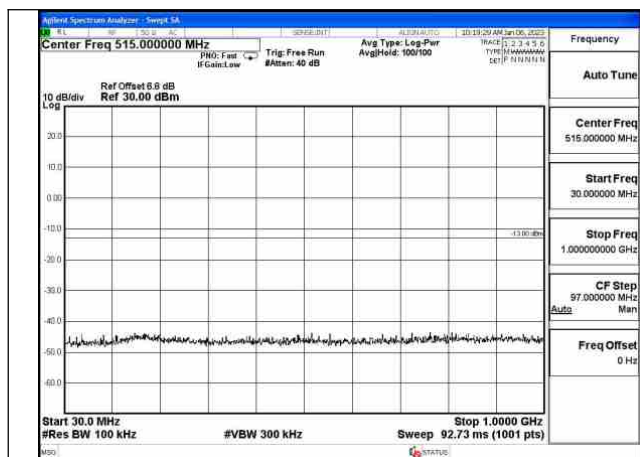


Fig.1

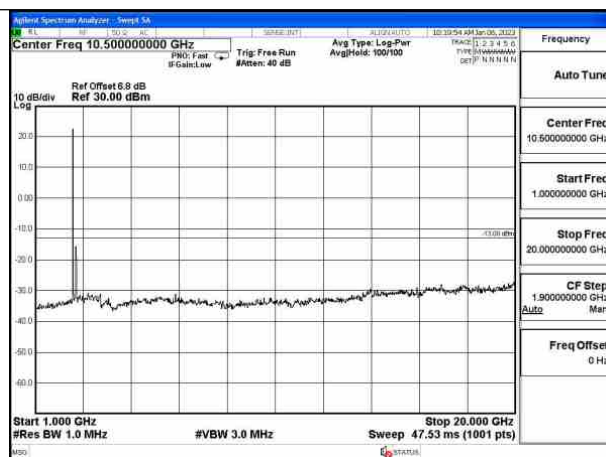


Fig.2

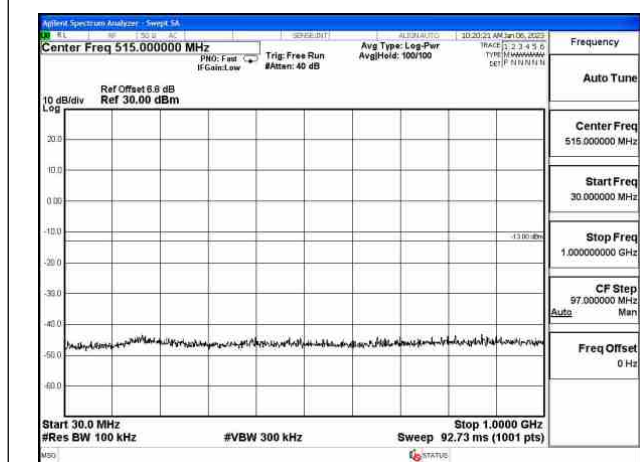


Fig.3

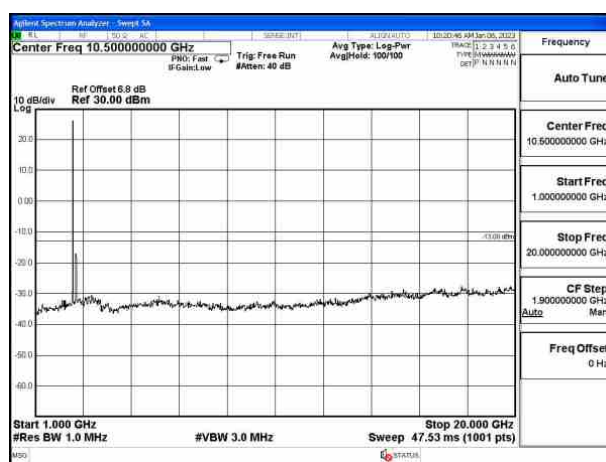


Fig.4

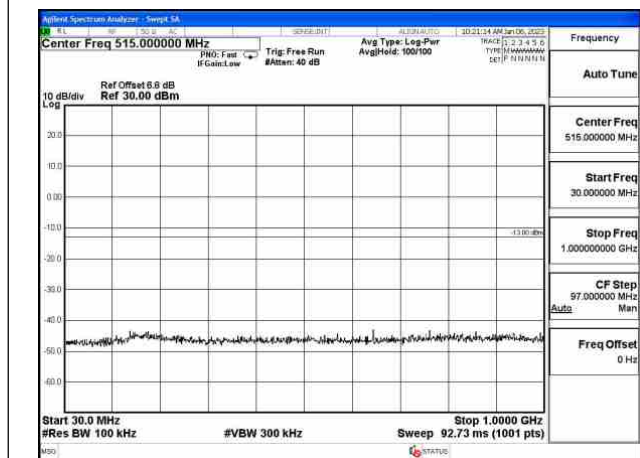


Fig.5

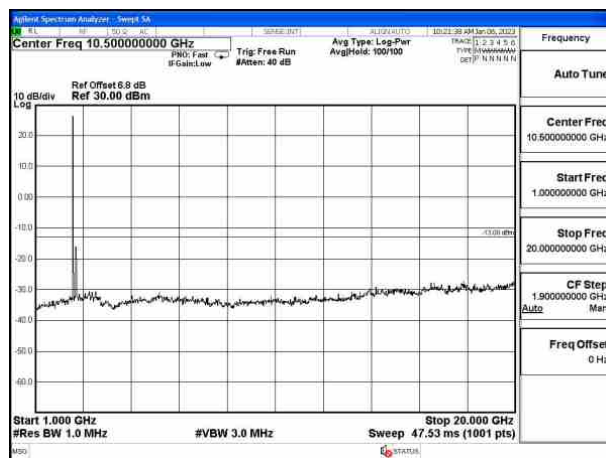


Fig.6

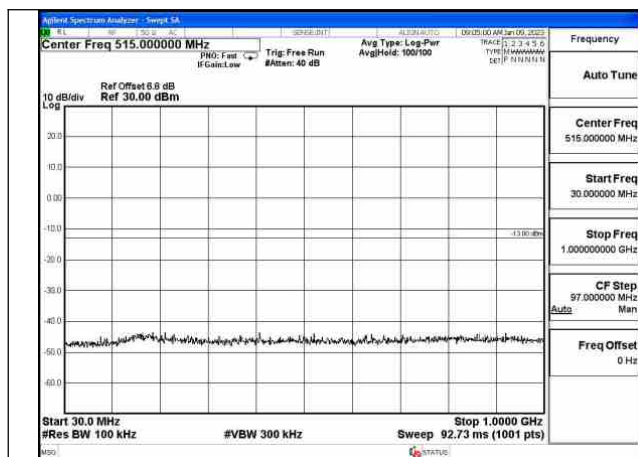


Fig.9

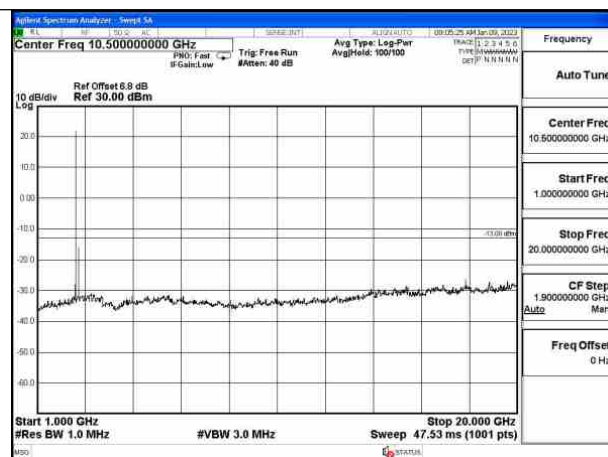


Fig.10

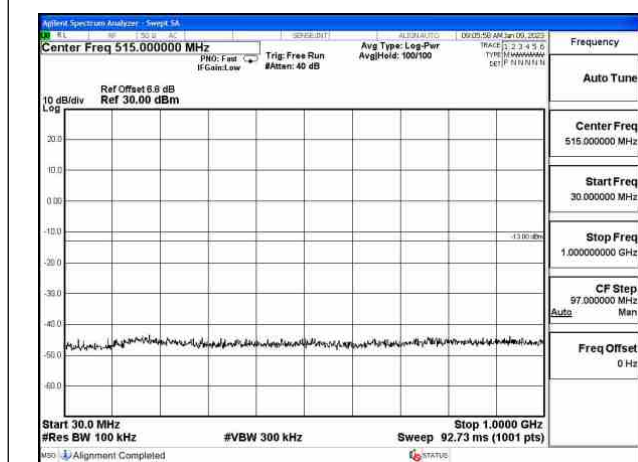


Fig.9

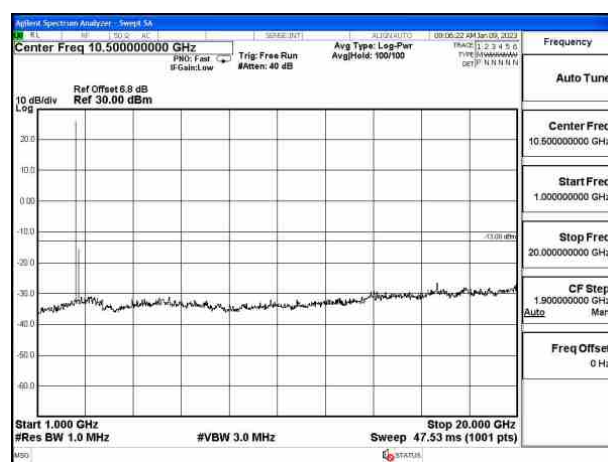


Fig.10

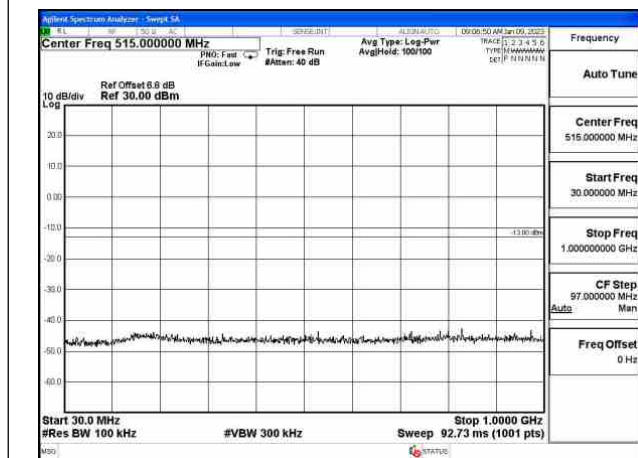


Fig.11

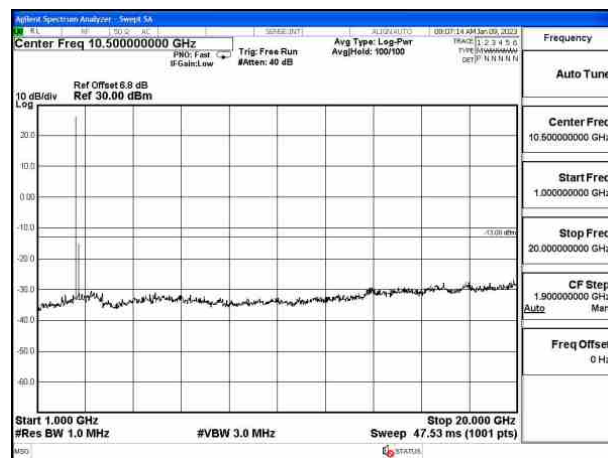


Fig.12

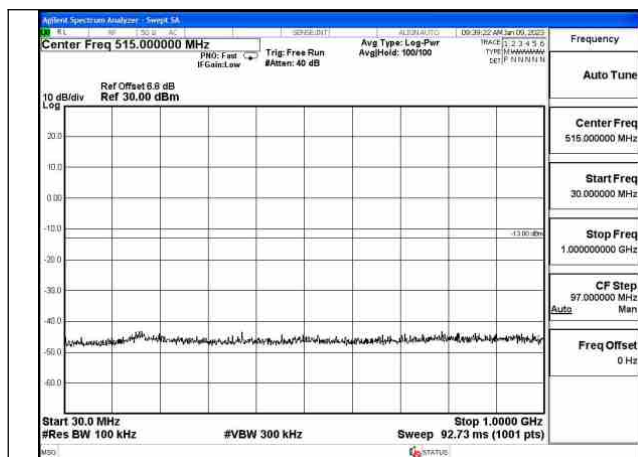


Fig.13



Fig.14

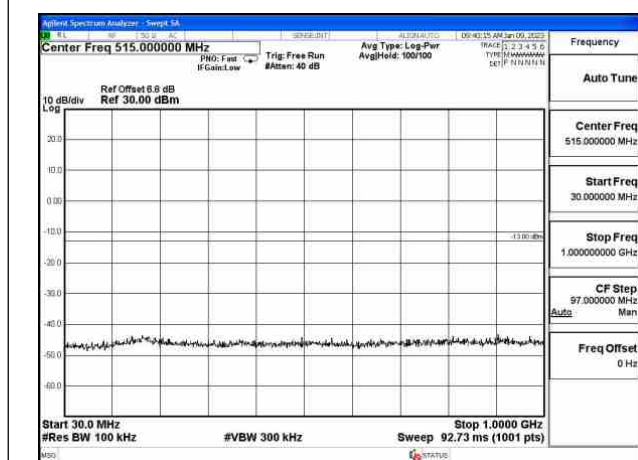


Fig.15

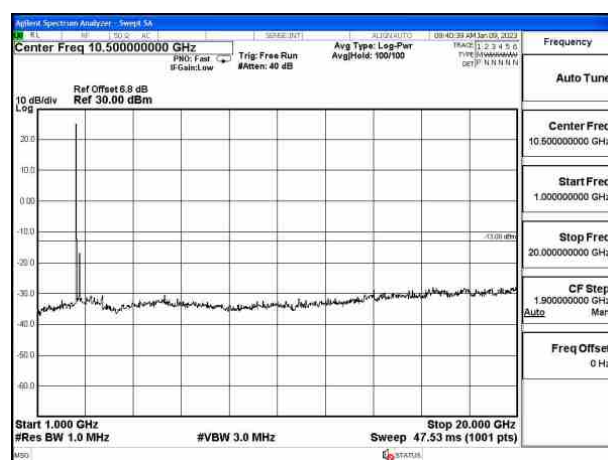


Fig.16



Fig.17

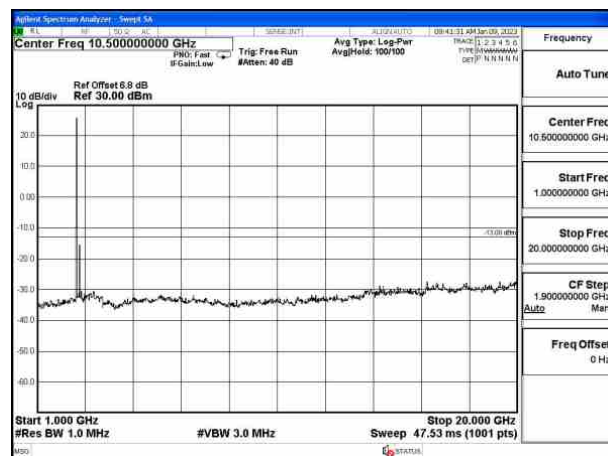


Fig.18

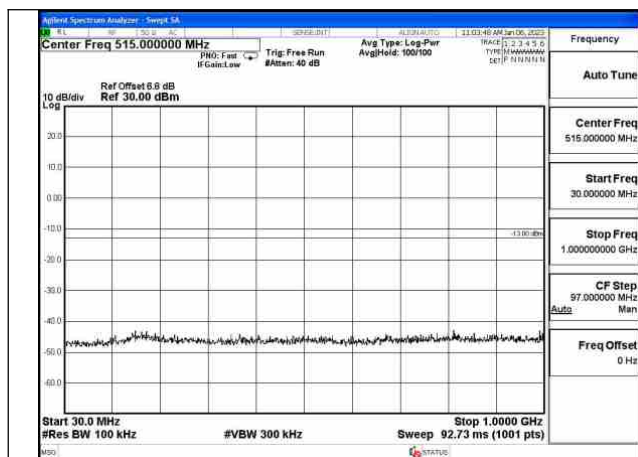


Fig.19

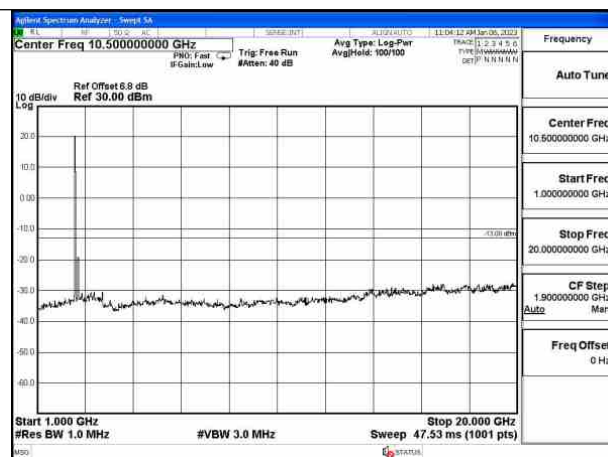


Fig.20

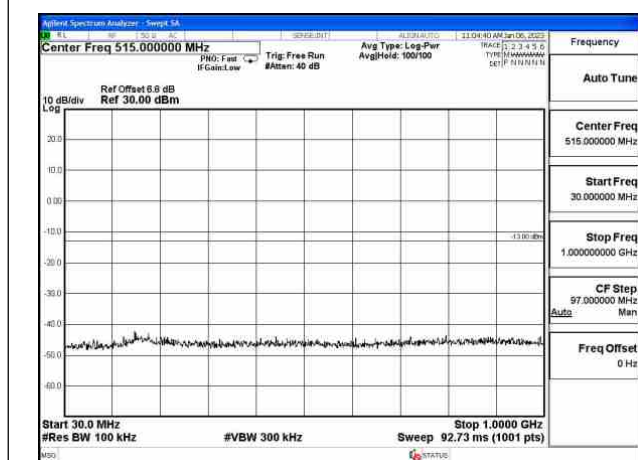


Fig.21

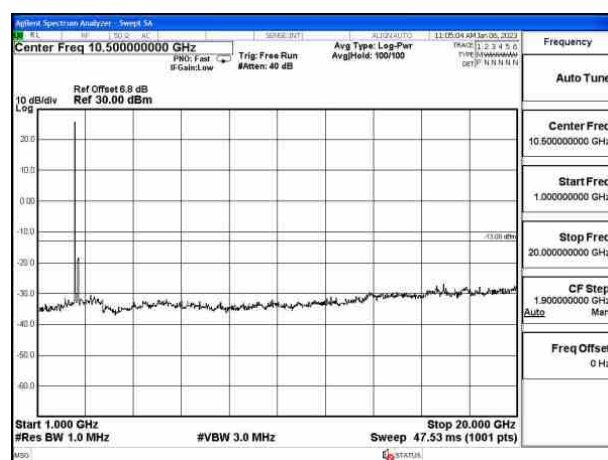


Fig.22



Fig.23

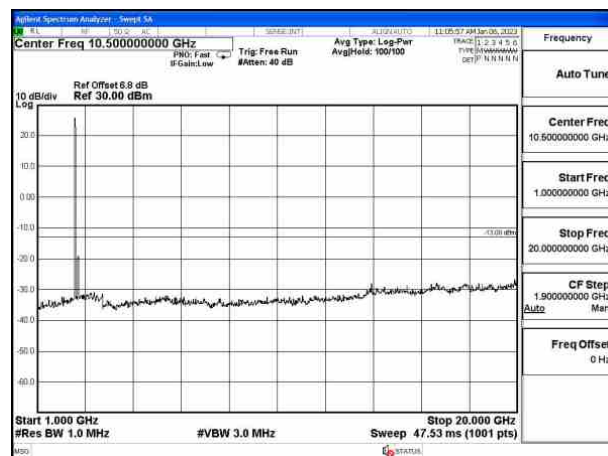


Fig.24

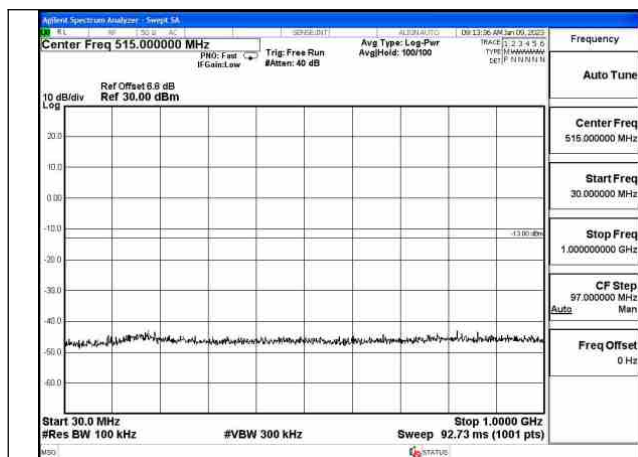


Fig.25

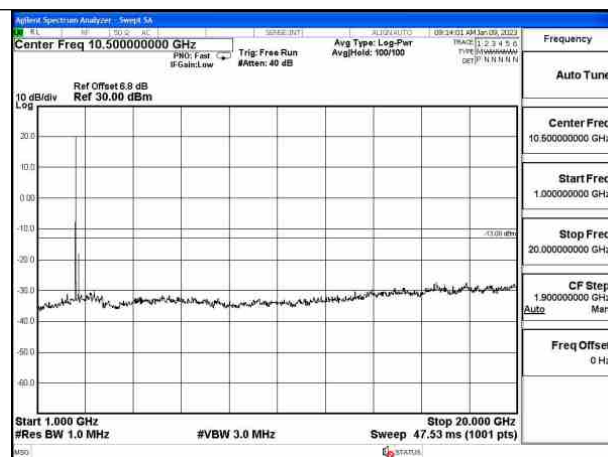


Fig.26



Fig.27



Fig.28

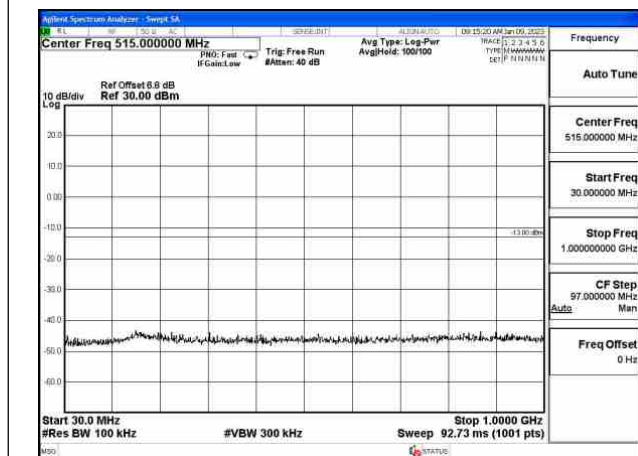


Fig.29

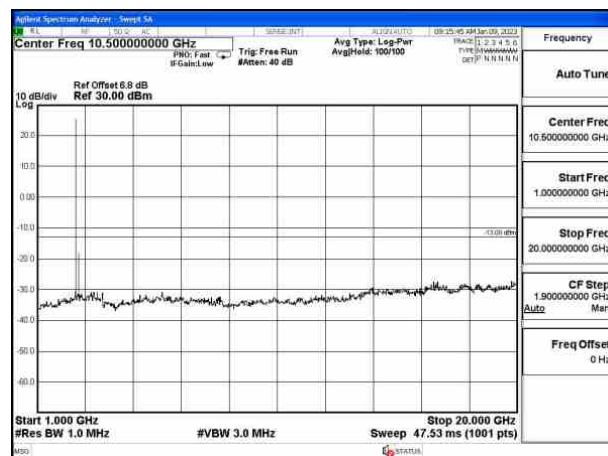


Fig.30

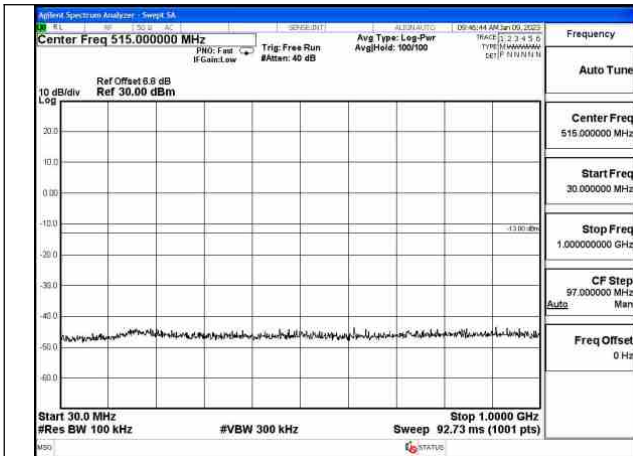


Fig.31

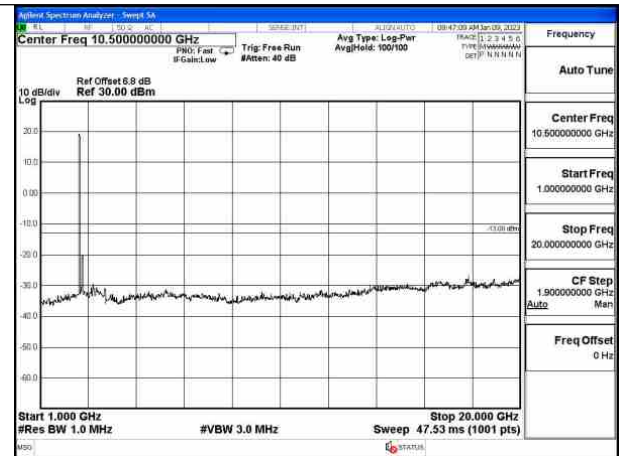


Fig.32

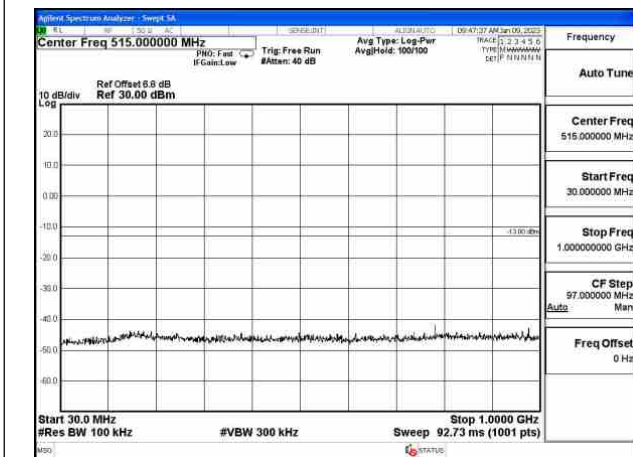


Fig.33

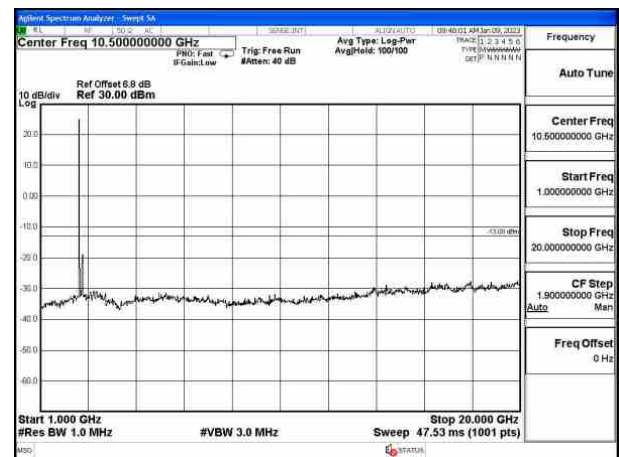


Fig.34

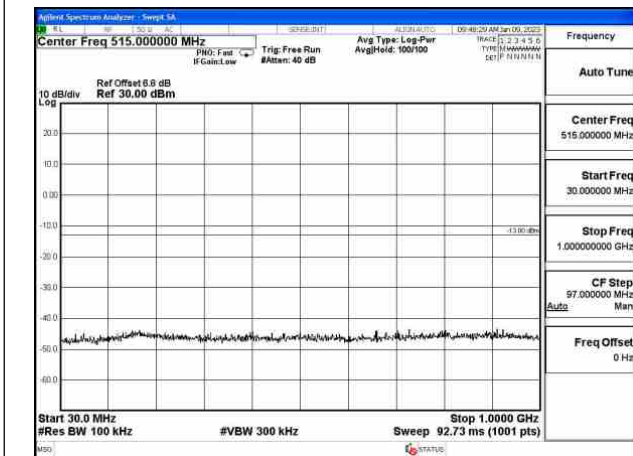


Fig.35

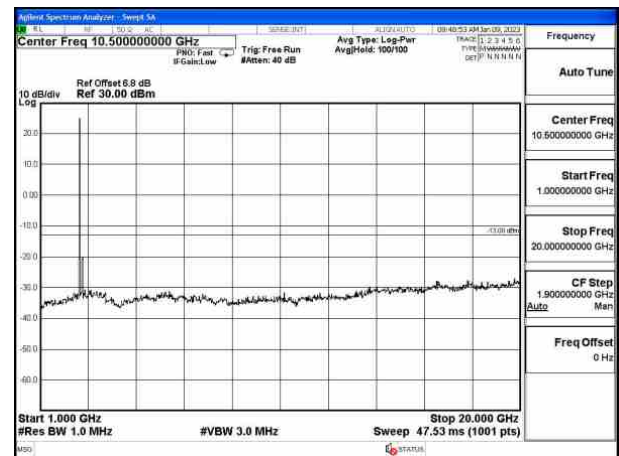


Fig.36

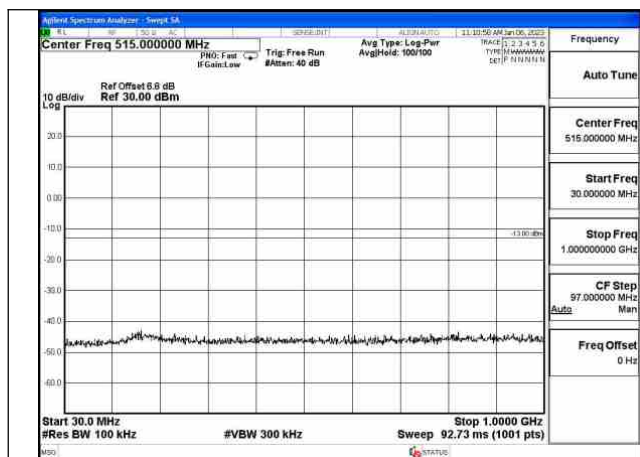


Fig.37



Fig.38

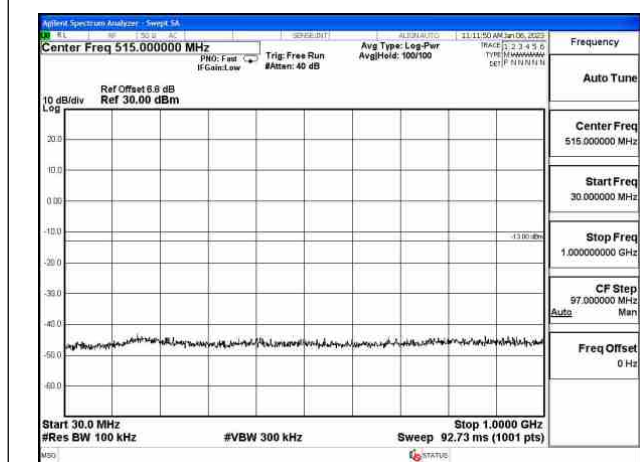


Fig.39



Fig.40



Fig.41

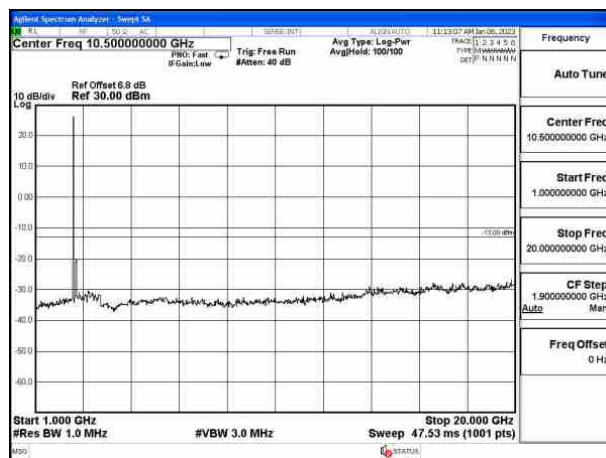


Fig.42

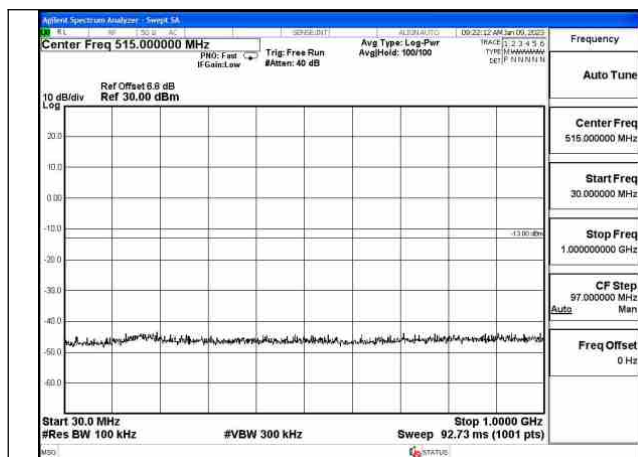


Fig.43

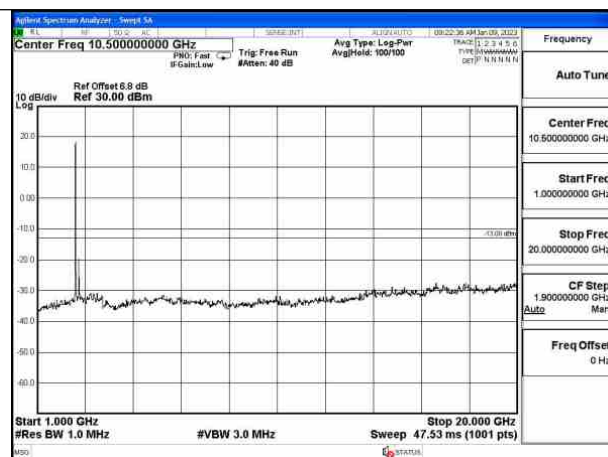


Fig.44



Fig.45



Fig.46

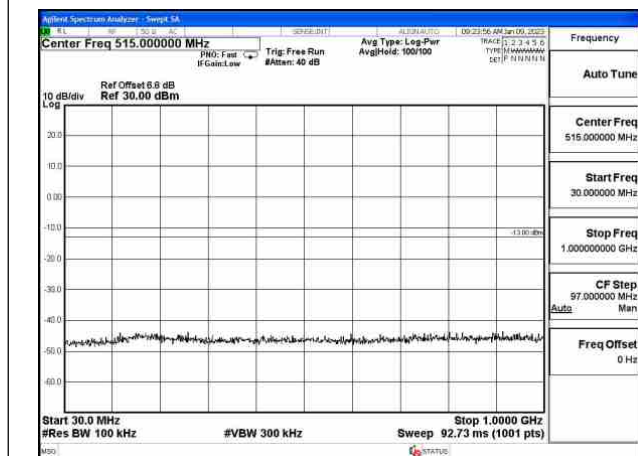


Fig.47

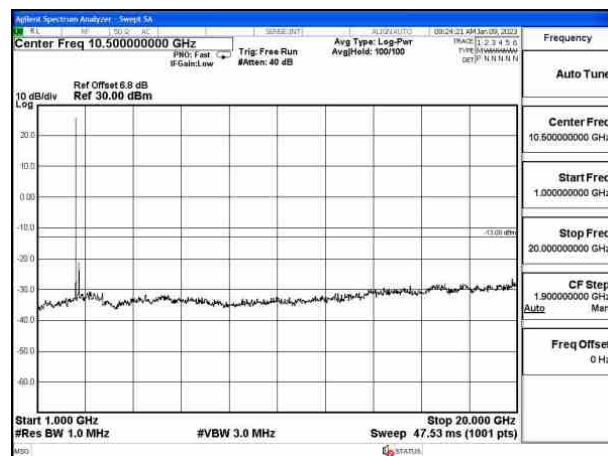


Fig.48

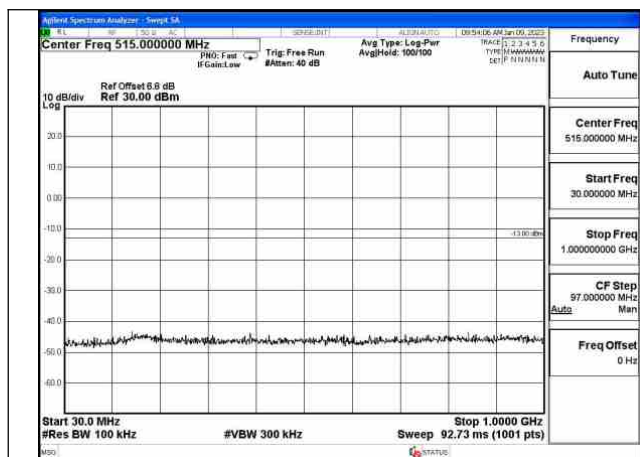


Fig.49

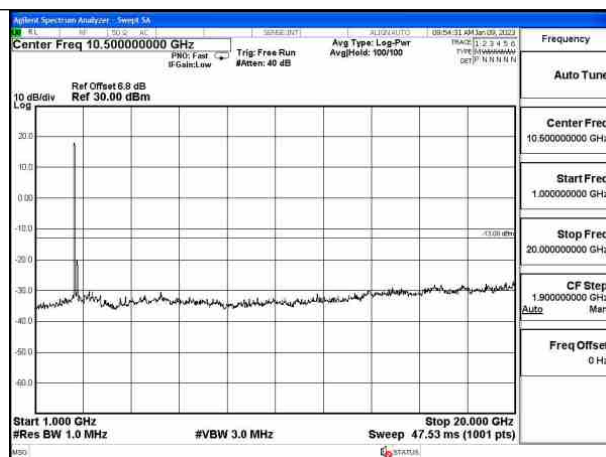


Fig.50

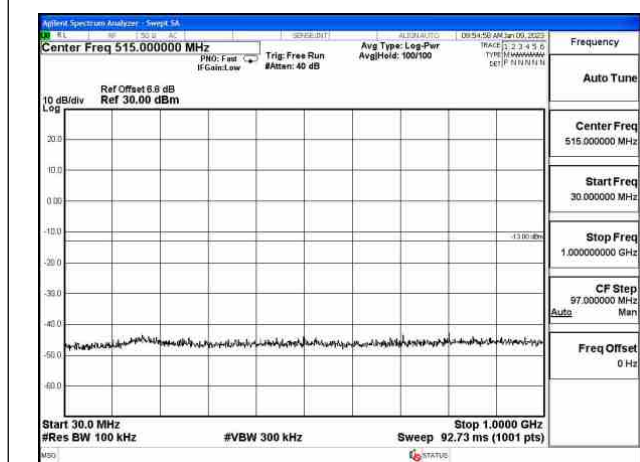


Fig.51

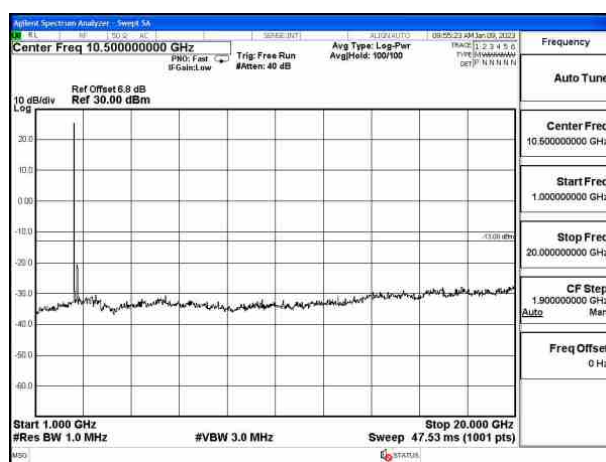


Fig.52

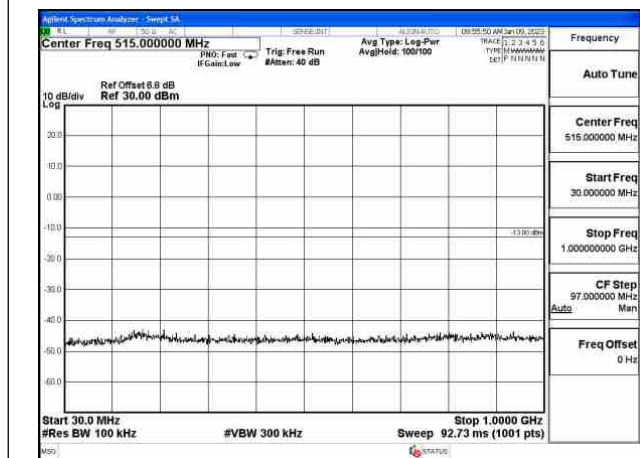


Fig.53

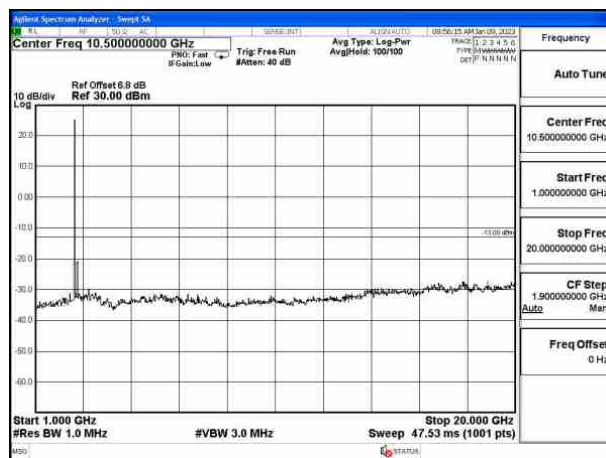


Fig.54

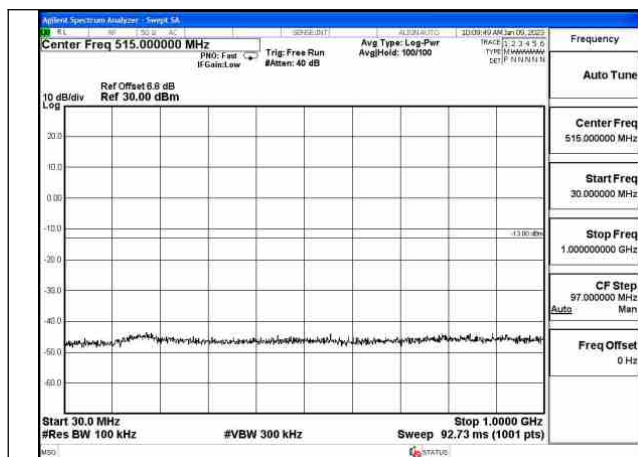


Fig.55



Fig.56



Fig.57



Fig.58

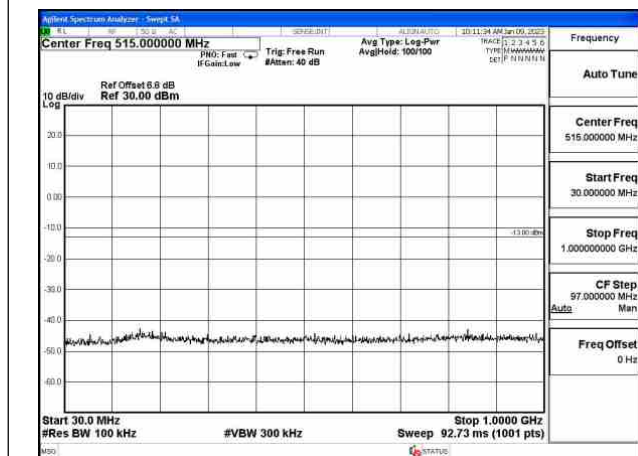


Fig.59

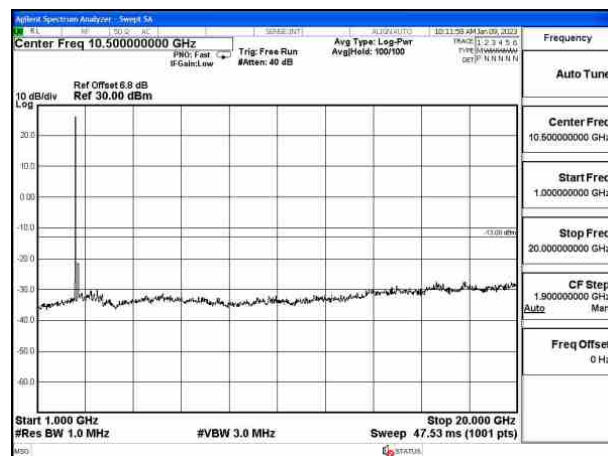


Fig.60

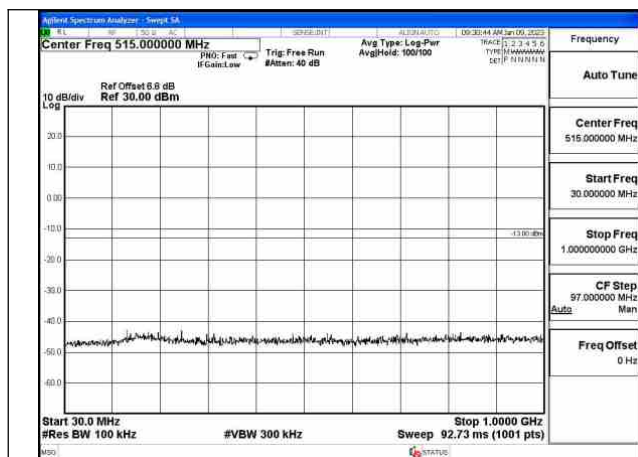


Fig.61

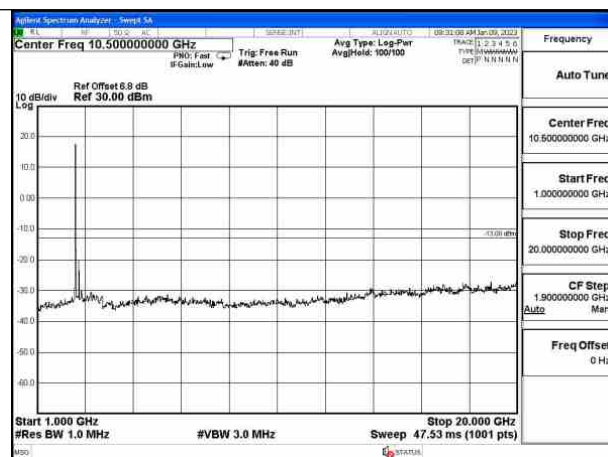


Fig.62

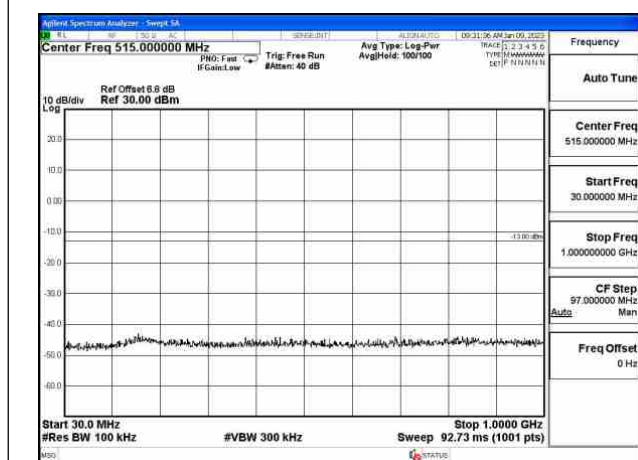


Fig.63



Fig.64

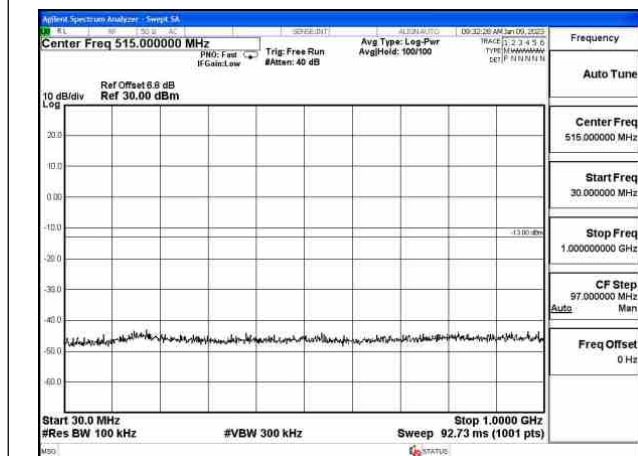


Fig.65

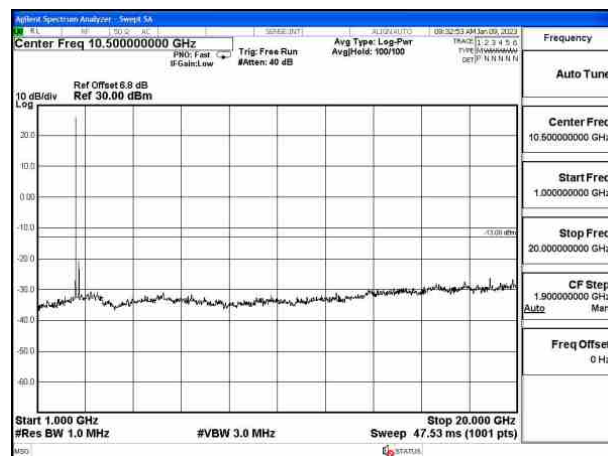


Fig.66

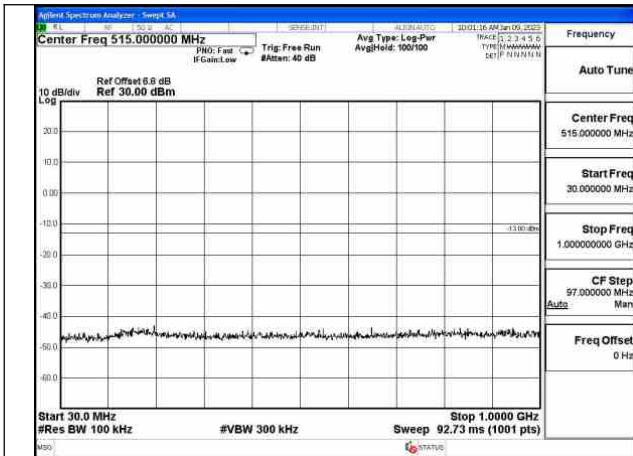


Fig.67

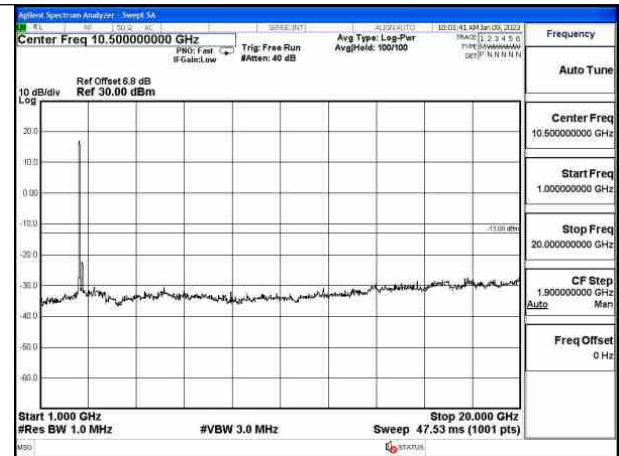


Fig.68

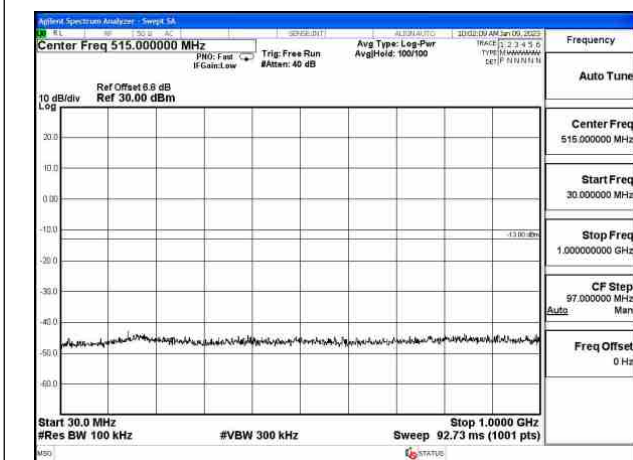


Fig.69

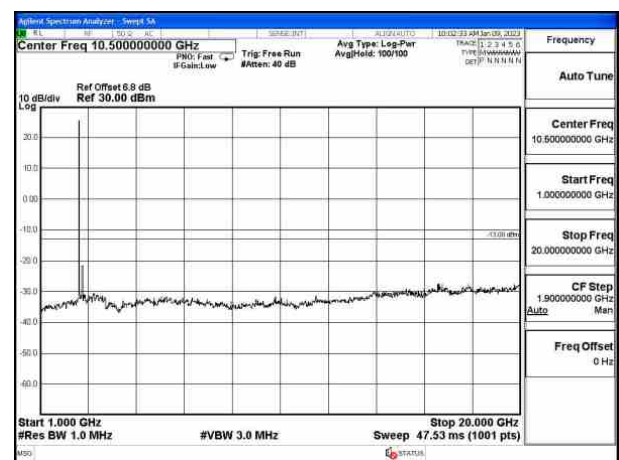


Fig.70

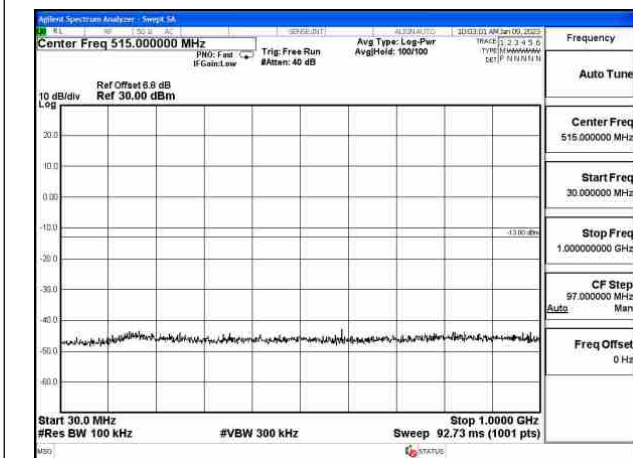


Fig.71

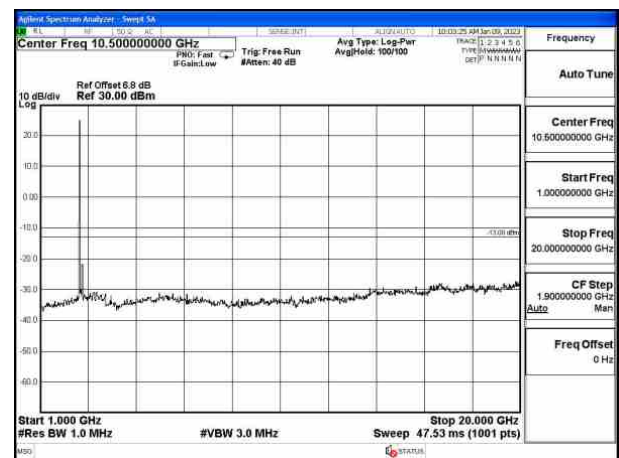


Fig.72

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	2502.5	500500	5	12	6	Fig.1
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	1	1	Fig.2
DFT-s-OFDM QPSK	2502.5	500500	5	12	6	Fig.3
DFT-s-OFDM QPSK	2502.5	500500	5	1	1	Fig.4
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	12	6	Fig.5
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	23	Fig.6
DFT-s-OFDM QPSK	2567.5	513500	5	12	6	Fig.7
DFT-s-OFDM QPSK	2567.5	513500	5	1	23	Fig.8
DFT-s-OFDM PI/2 BPSK	2505	501000	10	25	12	Fig.9
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	1	Fig.10
DFT-s-OFDM QPSK	2505	501000	10	25	12	Fig.11
DFT-s-OFDM QPSK	2505	501000	10	1	1	Fig.12
DFT-s-OFDM PI/2 BPSK	2565	513000	10	25	12	Fig.13
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	50	Fig.14
DFT-s-OFDM QPSK	2565	513000	10	25	12	Fig.15
DFT-s-OFDM QPSK	2565	513000	10	1	50	Fig.16
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	36	18	Fig.17
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	1	1	Fig.18
DFT-s-OFDM QPSK	2507.5	501500	15	36	18	Fig.19
DFT-s-OFDM QPSK	2507.5	501500	15	1	1	Fig.20
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	36	18	Fig.21
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	77	Fig.22
DFT-s-OFDM QPSK	2562.5	512500	15	36	18	Fig.23
DFT-s-OFDM QPSK	2562.5	512500	15	1	77	Fig.24
DFT-s-OFDM PI/2 BPSK	2510	502000	20	50	25	Fig.25
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	1	Fig.26
DFT-s-OFDM QPSK	2510	502000	20	50	25	Fig.27
DFT-s-OFDM QPSK	2510	502000	20	1	1	Fig.28
DFT-s-OFDM PI/2 BPSK	2560	512000	20	50	25	Fig.29
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	104	Fig.30
DFT-s-OFDM QPSK	2560	512000	20	50	25	Fig.31
DFT-s-OFDM QPSK	2560	512000	20	1	104	Fig.32

Test Plot:

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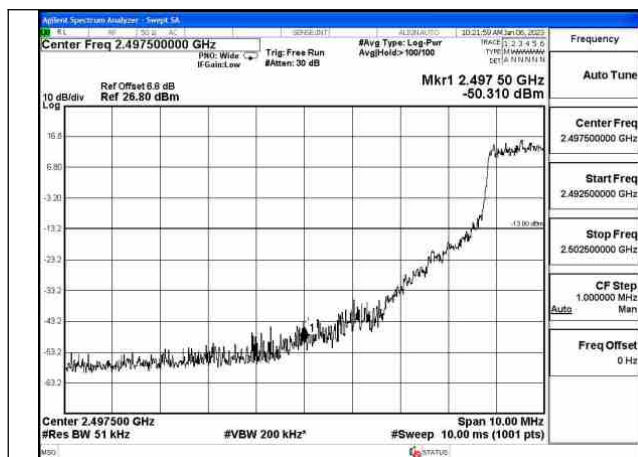


Fig.1

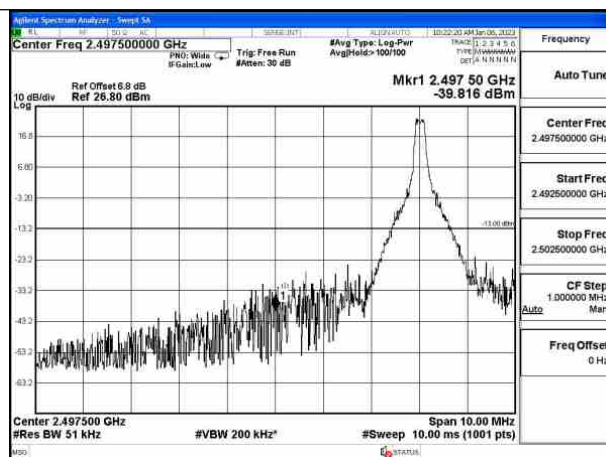


Fig.2

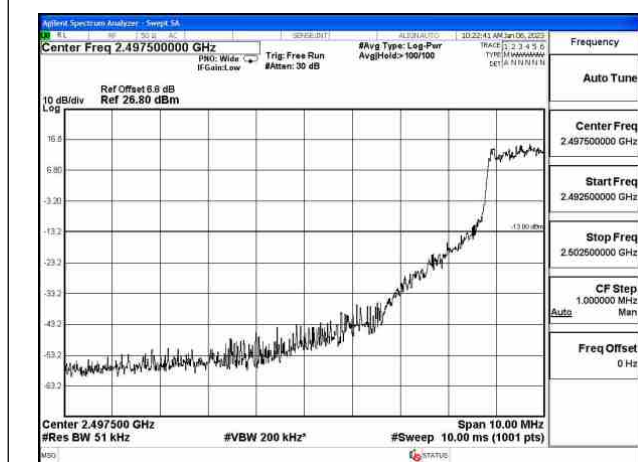


Fig.3

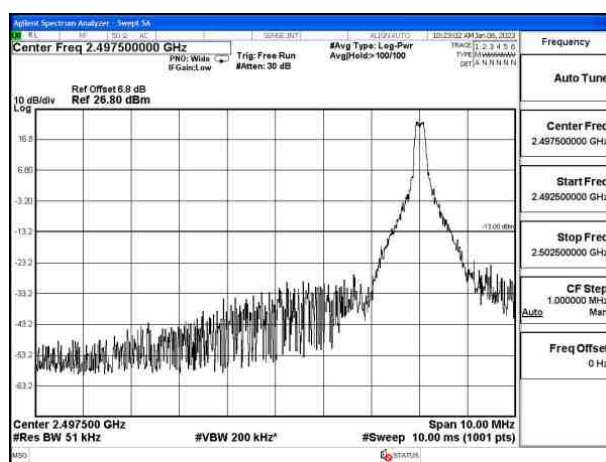


Fig.4

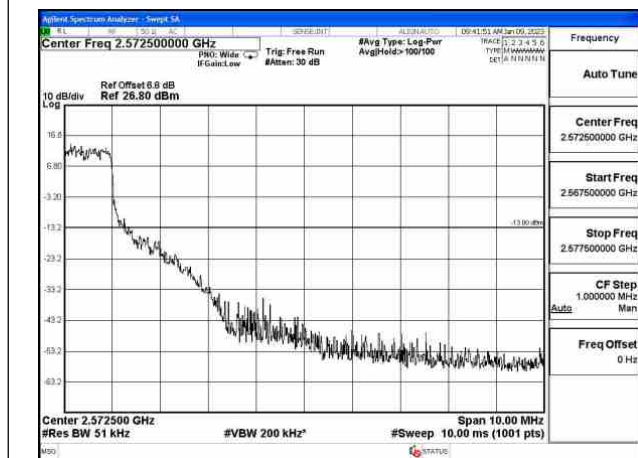


Fig.5

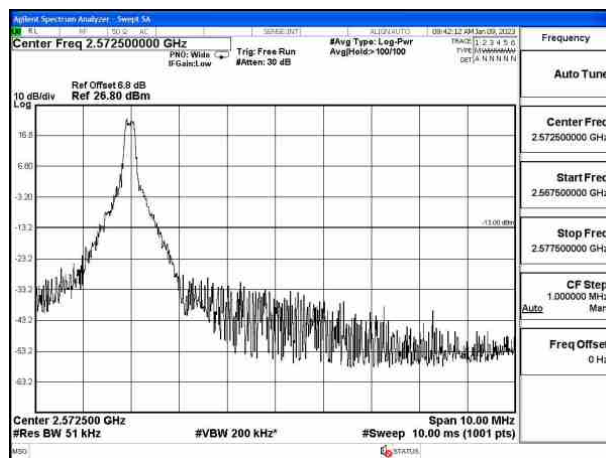


Fig.6

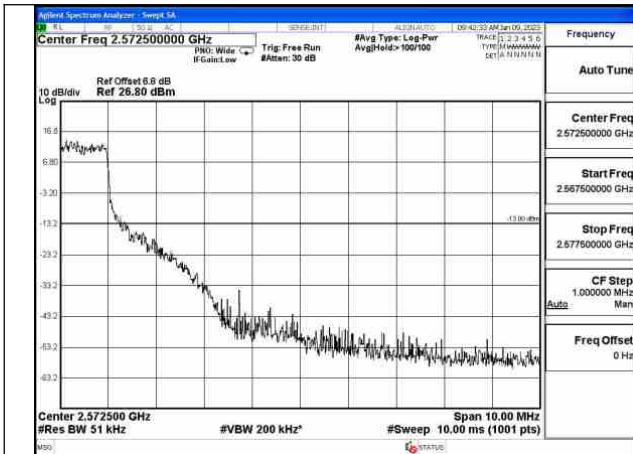


Fig.7

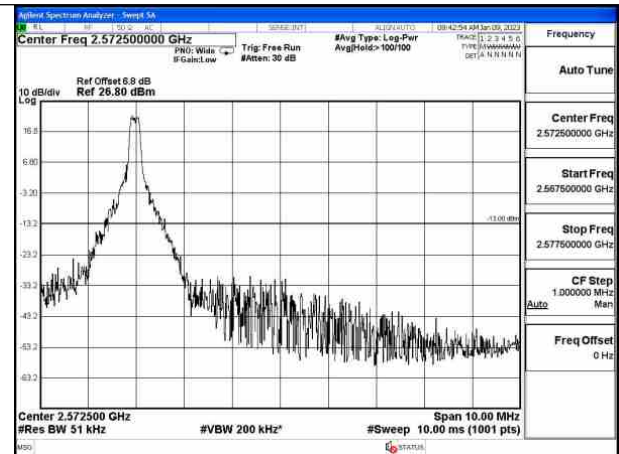


Fig.8

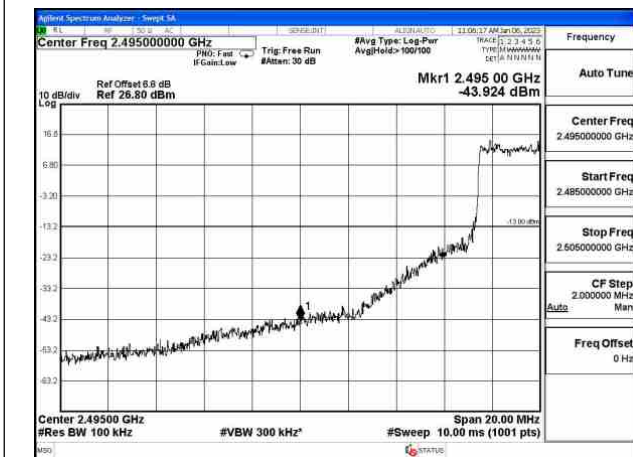


Fig.9

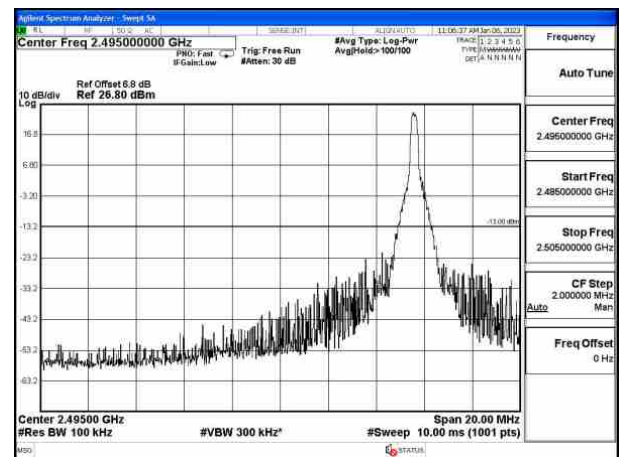


Fig.10

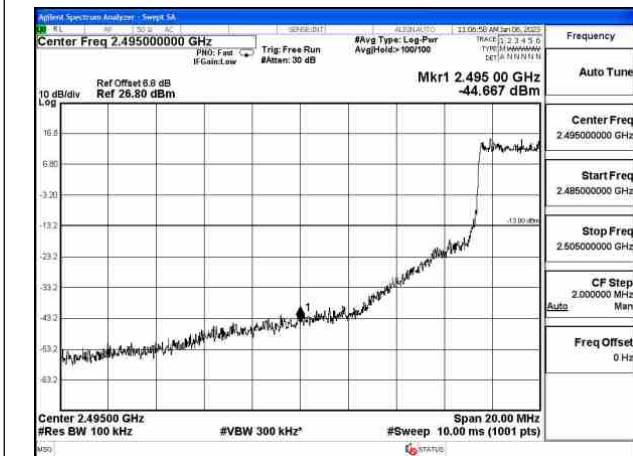


Fig.11

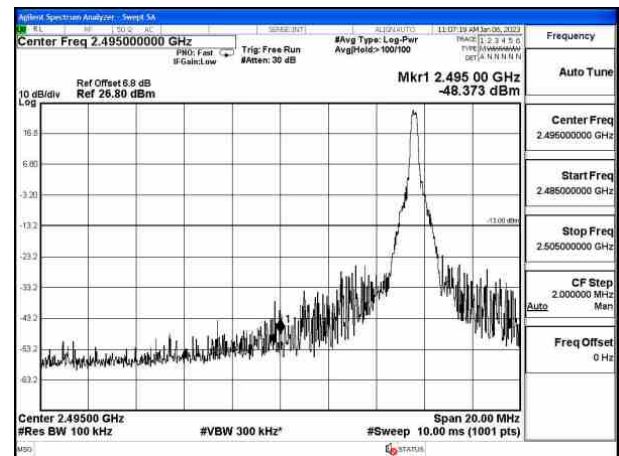


Fig.12

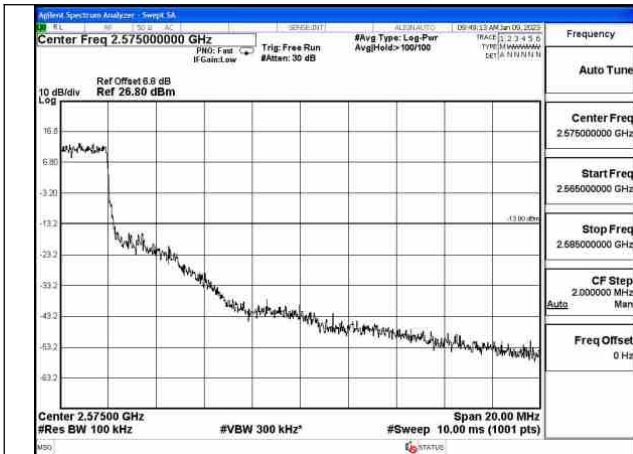


Fig.13

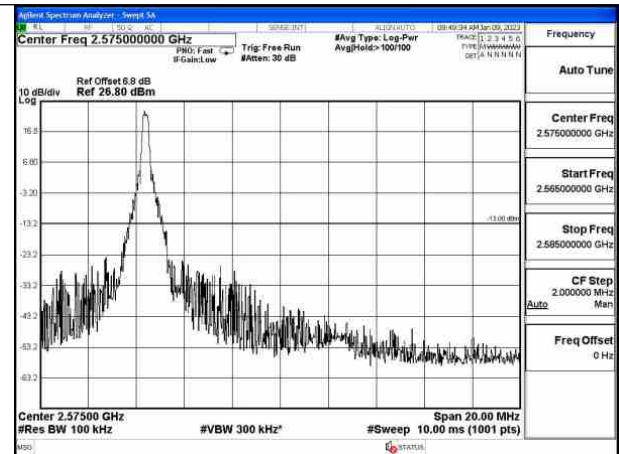


Fig.14

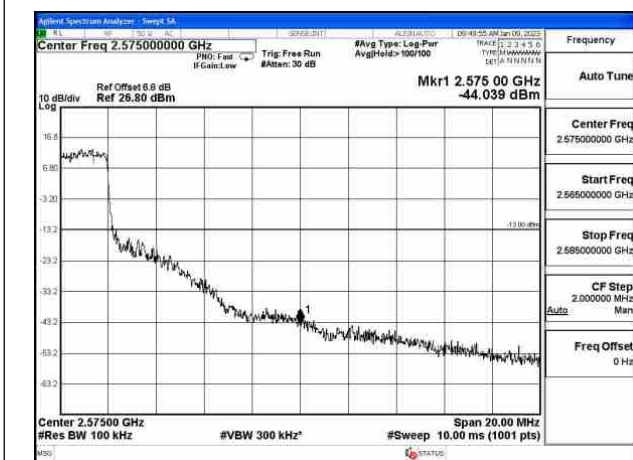


Fig.15

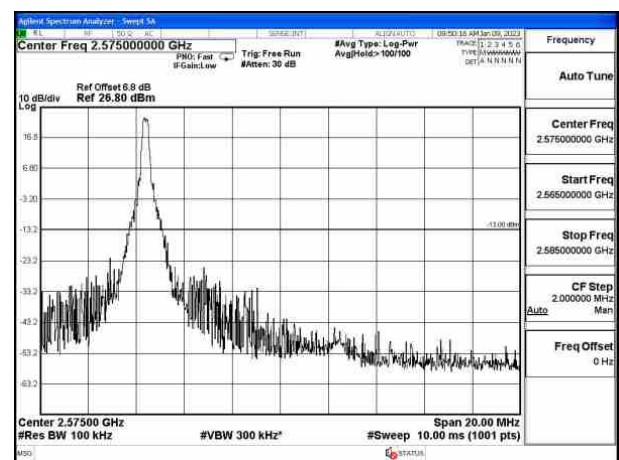


Fig.16

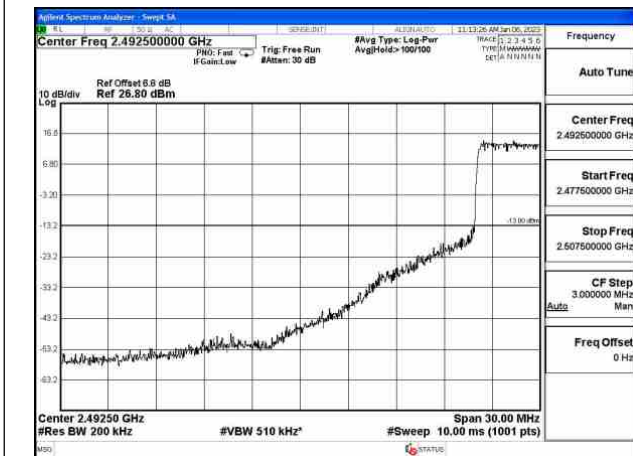


Fig.17

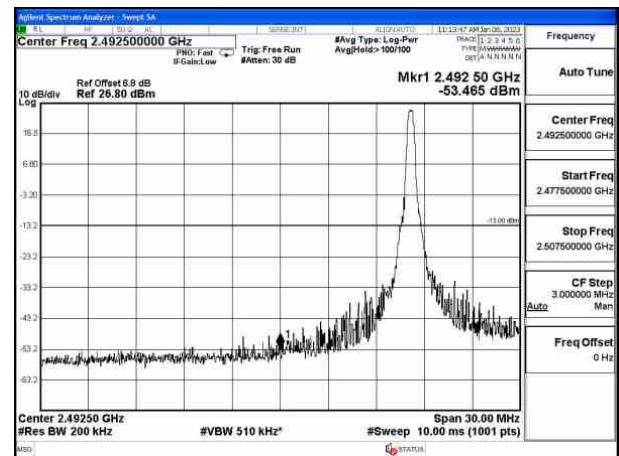


Fig.18



Fig.19

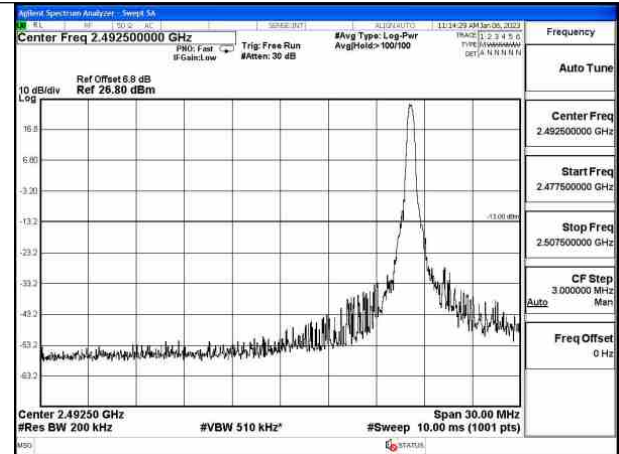


Fig.20

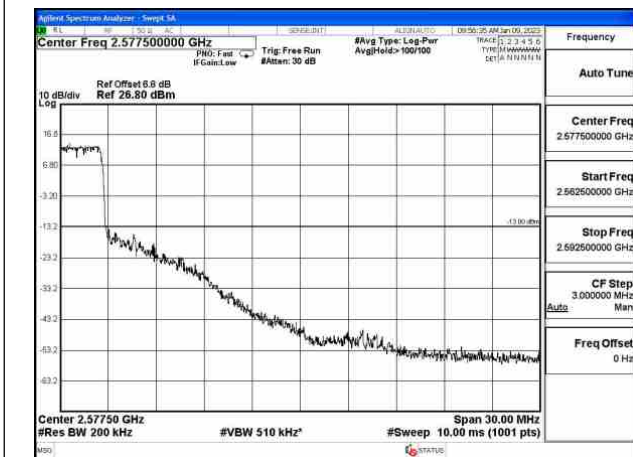


Fig.21

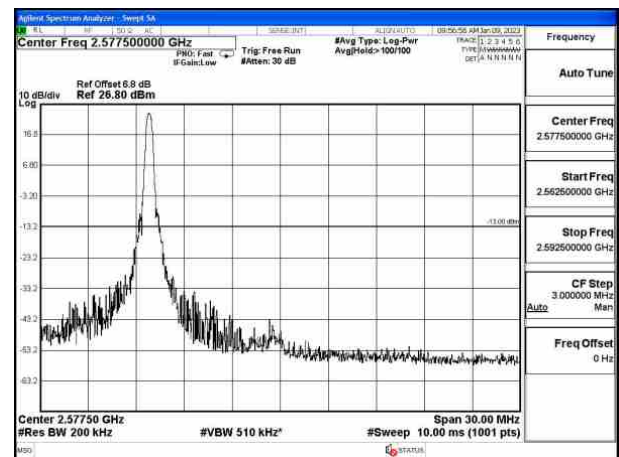


Fig.22

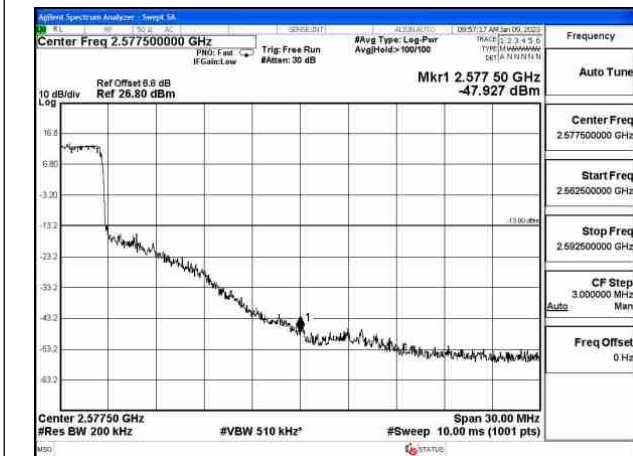


Fig.23

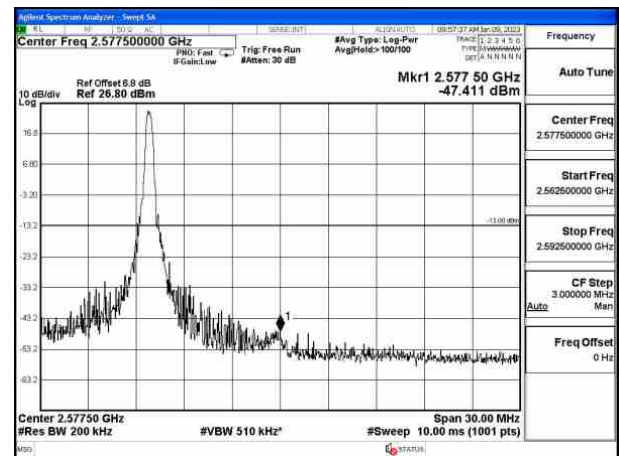


Fig.24

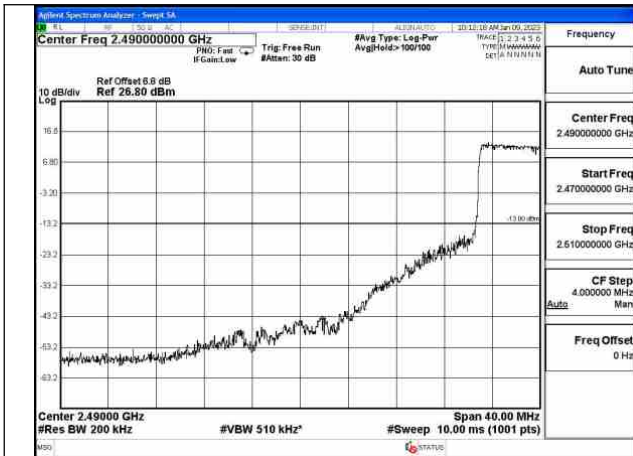


Fig.25

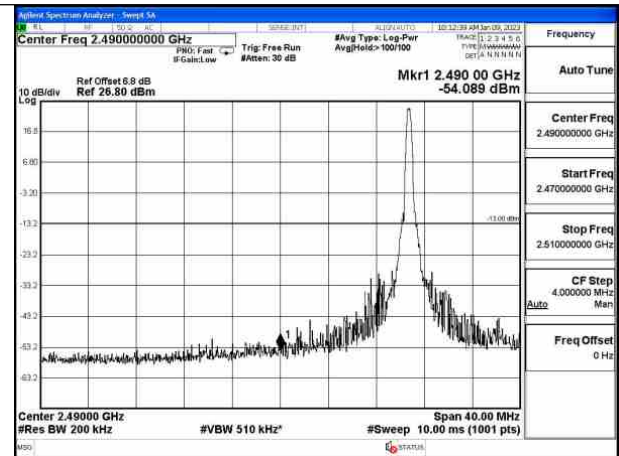


Fig.26



Fig.27

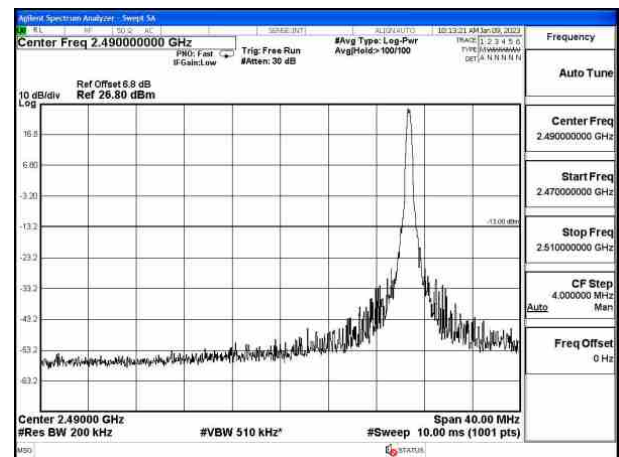


Fig.28

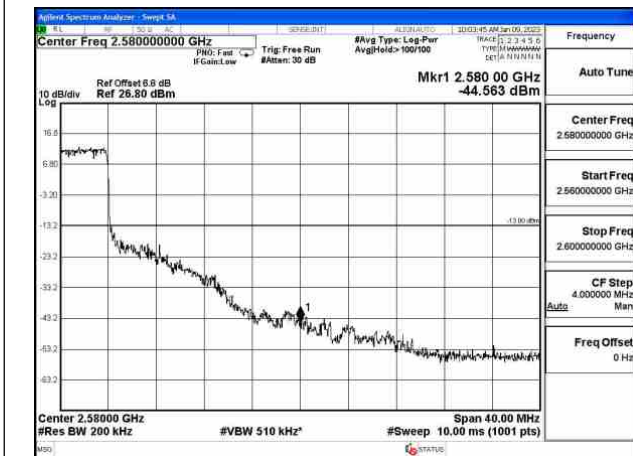


Fig.29

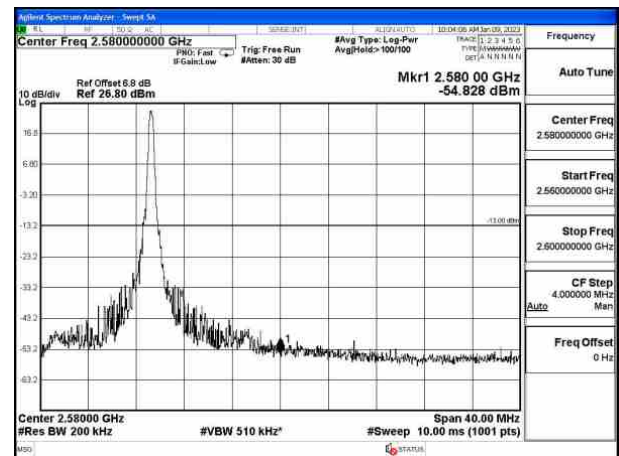


Fig.30

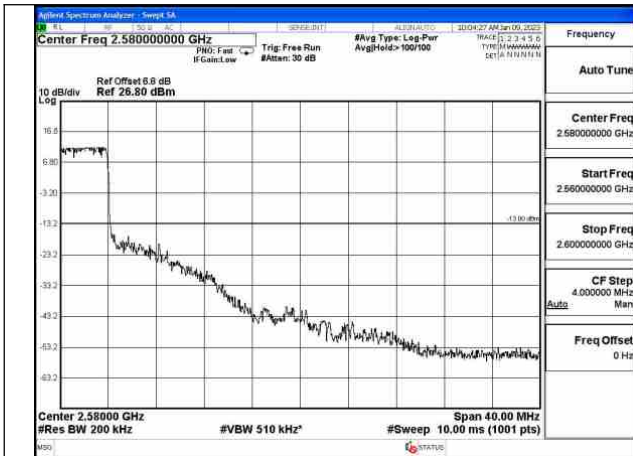


Fig.31

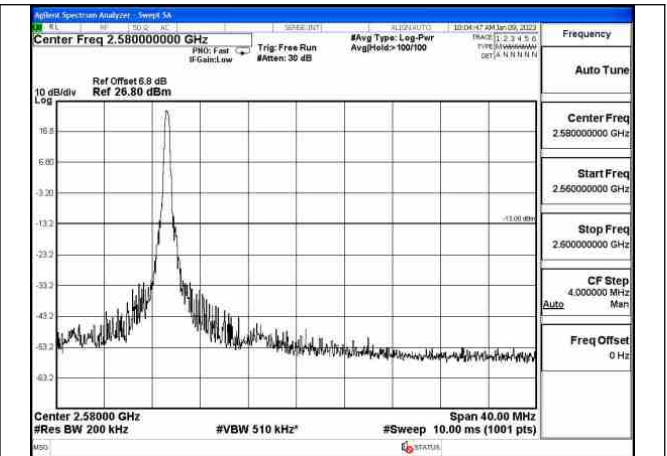


Fig.32

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	2535	507000	20	100	0	-10	NV	-0.0008
DFT-s-OFDM QPSK	2535	507000	20	100	0	0	NV	-0.0032
DFT-s-OFDM QPSK	2535	507000	20	100	0	10	NV	-0.002
DFT-s-OFDM QPSK	2535	507000	20	100	0	20	NV	-0.0008
DFT-s-OFDM QPSK	2535	507000	20	100	0	30	NV	-0.0036
DFT-s-OFDM QPSK	2535	507000	20	100	0	40	NV	-0.002
DFT-s-OFDM QPSK	2535	507000	20	100	0	50	NV	-0.0036
DFT-s-OFDM QPSK	2535	507000	20	100	0	55	NV	-0.0004
DFT-s-OFDM QPSK	2535	507000	20	100	0	20	LV	-0.002
DFT-s-OFDM QPSK	2535	507000	20	100	0	20	HV	-0.0004

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	2502.5	500500	5	12	6	22.05	20.65	0.116
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	1	1	23.47	22.07	0.161
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	1	23	23.14	21.74	0.149
DFT-s-OFDM QPSK	2502.5	500500	5	12	6	22.59	21.19	0.132
DFT-s-OFDM QPSK	2502.5	500500	5	1	1	22.97	21.57	0.144
DFT-s-OFDM QPSK	2502.5	500500	5	1	23	22.65	21.25	0.133
DFT-s-OFDM QPSK	2502.5	500500	5	12	6	22.09	20.69	0.117
DFT-s-OFDM QPSK	2502.5	500500	5	25	0	22.48	21.08	0.128
DFT-s-OFDM 16QAM	2502.5	500500	5	1	0	23.19	21.79	0.151
DFT-s-OFDM 16QAM	2502.5	500500	5	1	24	23.57	22.17	0.165
DFT-s-OFDM 16QAM	2502.5	500500	5	12	6	23.96	22.56	0.180
DFT-s-OFDM 16QAM	2502.5	500500	5	25	0	22.69	21.29	0.135
DFT-s-OFDM 64QAM	2502.5	500500	5	1	0	23.08	21.68	0.147
DFT-s-OFDM 64QAM	2502.5	500500	5	1	24	23.46	22.06	0.161
DFT-s-OFDM 64QAM	2502.5	500500	5	12	6	22.19	20.79	0.120
DFT-s-OFDM 64QAM	2502.5	500500	5	25	0	22.58	21.18	0.131
DFT-s-OFDM 256QAM	2502.5	500500	5	1	0	20.38	18.98	0.079
DFT-s-OFDM 256QAM	2502.5	500500	5	1	24	20.80	19.40	0.087
DFT-s-OFDM 256QAM	2502.5	500500	5	12	6	19.85	18.45	0.070
DFT-s-OFDM 256QAM	2502.5	500500	5	25	0	20.08	18.68	0.074
CP-OFDM QPSK	2502.5	500500	5	1	0	23.18	21.78	0.151
CP-OFDM QPSK	2502.5	500500	5	1	24	23.57	22.17	0.165
CP-OFDM QPSK	2502.5	500500	5	13	6	23.01	21.61	0.145
CP-OFDM QPSK	2502.5	500500	5	25	0	22.68	21.28	0.134
CP-OFDM 16QAM	2502.5	500500	5	1	0	23.07	21.67	0.147
CP-OFDM 16QAM	2502.5	500500	5	1	24	23.78	22.38	0.173
CP-OFDM 16QAM	2502.5	500500	5	13	6	22.19	20.79	0.120
CP-OFDM 16QAM	2502.5	500500	5	25	0	23.61	22.21	0.166
CP-OFDM 64QAM	2502.5	500500	5	1	0	23.28	21.88	0.154
CP-OFDM 64QAM	2502.5	500500	5	1	24	23.67	22.27	0.169
CP-OFDM 64QAM	2502.5	500500	5	13	6	23.11	21.71	0.148
CP-OFDM 64QAM	2502.5	500500	5	25	0	23.50	22.10	0.162
CP-OFDM 256QAM	2502.5	500500	5	1	0	19.94	18.54	0.071
CP-OFDM 256QAM	2502.5	500500	5	1	24	20.17	18.77	0.075
CP-OFDM 256QAM	2502.5	500500	5	13	6	20.40	19.00	0.079
CP-OFDM 256QAM	2502.5	500500	5	25	0	20.63	19.23	0.084
DFT-s-OFDM PI/2 BPSK	2535	507000	5	12	6	23.97	22.57	0.181
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	1	22.38	20.98	0.125
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	23	22.77	21.37	0.137
DFT-s-OFDM QPSK	2535	507000	5	12	6	23.15	21.75	0.150
DFT-s-OFDM QPSK	2535	507000	5	1	1	22.59	21.19	0.132
DFT-s-OFDM QPSK	2535	507000	5	1	23	22.98	21.58	0.144
DFT-s-OFDM QPSK	2535	507000	5	12	6	22.66	21.26	0.134
DFT-s-OFDM QPSK	2535	507000	5	25	0	22.10	20.70	0.117

DFT-s-OFDM 16QAM	2535	507000	5	1	0	22.48	21.08	0.128
DFT-s-OFDM 16QAM	2535	507000	5	1	24	22.87	21.47	0.140
DFT-s-OFDM 16QAM	2535	507000	5	12	6	23.26	21.86	0.153
DFT-s-OFDM 16QAM	2535	507000	5	25	0	22.70	21.30	0.135
DFT-s-OFDM 64QAM	2535	507000	5	1	0	23.08	21.68	0.147
DFT-s-OFDM 64QAM	2535	507000	5	1	24	23.47	22.07	0.161
DFT-s-OFDM 64QAM	2535	507000	5	12	6	22.20	20.80	0.120
DFT-s-OFDM 64QAM	2535	507000	5	25	0	22.59	21.19	0.132
DFT-s-OFDM 256QAM	2535	507000	5	1	0	20.38	18.98	0.079
DFT-s-OFDM 256QAM	2535	507000	5	1	24	20.81	19.41	0.087
DFT-s-OFDM 256QAM	2535	507000	5	12	6	19.86	18.46	0.070
DFT-s-OFDM 256QAM	2535	507000	5	25	0	20.09	18.69	0.074
CP-OFDM QPSK	2535	507000	5	1	0	23.90	22.50	0.178
CP-OFDM QPSK	2535	507000	5	1	24	22.31	20.91	0.123
CP-OFDM QPSK	2535	507000	5	13	6	23.02	21.62	0.145
CP-OFDM QPSK	2535	507000	5	25	0	23.40	22.00	0.158
CP-OFDM 16QAM	2535	507000	5	1	0	23.79	22.39	0.173
CP-OFDM 16QAM	2535	507000	5	1	24	22.19	20.79	0.120
CP-OFDM 16QAM	2535	507000	5	13	6	23.62	22.22	0.167
CP-OFDM 16QAM	2535	507000	5	25	0	22.02	20.62	0.115
CP-OFDM 64QAM	2535	507000	5	1	0	22.41	21.01	0.126
CP-OFDM 64QAM	2535	507000	5	1	24	22.80	21.40	0.138
CP-OFDM 64QAM	2535	507000	5	13	6	23.51	22.11	0.163
CP-OFDM 64QAM	2535	507000	5	25	0	23.89	22.49	0.177
CP-OFDM 256QAM	2535	507000	5	1	0	19.98	18.58	0.072
CP-OFDM 256QAM	2535	507000	5	1	24	20.83	19.43	0.088
CP-OFDM 256QAM	2535	507000	5	13	6	19.88	18.48	0.070
CP-OFDM 256QAM	2535	507000	5	25	0	20.11	18.71	0.074
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	12	6	22.38	20.98	0.125
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	1	23.80	22.40	0.174
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	23	22.21	20.81	0.121
DFT-s-OFDM QPSK	2567.5	513500	5	12	6	22.60	21.20	0.132
DFT-s-OFDM QPSK	2567.5	513500	5	1	1	22.98	21.58	0.144
DFT-s-OFDM QPSK	2567.5	513500	5	1	23	22.42	21.02	0.126
DFT-s-OFDM QPSK	2567.5	513500	5	12	6	22.81	21.41	0.138
DFT-s-OFDM QPSK	2567.5	513500	5	25	0	22.49	21.09	0.129
DFT-s-OFDM 16QAM	2567.5	513500	5	1	0	23.91	22.51	0.178
DFT-s-OFDM 16QAM	2567.5	513500	5	1	24	22.31	20.91	0.123
DFT-s-OFDM 16QAM	2567.5	513500	5	12	6	23.41	22.01	0.159
DFT-s-OFDM 16QAM	2567.5	513500	5	25	0	23.09	21.69	0.148
DFT-s-OFDM 64QAM	2567.5	513500	5	1	0	22.53	21.13	0.130
DFT-s-OFDM 64QAM	2567.5	513500	5	1	24	22.91	21.51	0.142
DFT-s-OFDM 64QAM	2567.5	513500	5	12	6	23.30	21.90	0.155
DFT-s-OFDM 64QAM	2567.5	513500	5	25	0	23.69	22.29	0.169
DFT-s-OFDM 256QAM	2567.5	513500	5	1	0	20.47	19.07	0.081
DFT-s-OFDM 256QAM	2567.5	513500	5	1	24	20.70	19.30	0.085

DFT-s-OFDM 256QAM	2567.5	513500	5	12	6	20.93	19.53	0.090
DFT-s-OFDM 256QAM	2567.5	513500	5	25	0	19.99	18.59	0.072
CP-OFDM QPSK	2567.5	513500	5	1	0	23.73	22.33	0.171
CP-OFDM QPSK	2567.5	513500	5	1	24	22.13	20.73	0.118
CP-OFDM QPSK	2567.5	513500	5	13	6	22.52	21.12	0.129
CP-OFDM QPSK	2567.5	513500	5	25	0	22.91	21.51	0.142
CP-OFDM 16QAM	2567.5	513500	5	1	0	22.35	20.95	0.124
CP-OFDM 16QAM	2567.5	513500	5	1	24	22.73	21.33	0.136
CP-OFDM 16QAM	2567.5	513500	5	13	6	23.12	21.72	0.149
CP-OFDM 16QAM	2567.5	513500	5	25	0	23.51	22.11	0.163
CP-OFDM 64QAM	2567.5	513500	5	1	0	22.95	21.55	0.143
CP-OFDM 64QAM	2567.5	513500	5	1	24	22.07	20.67	0.117
CP-OFDM 64QAM	2567.5	513500	5	13	6	23.72	22.32	0.171
CP-OFDM 64QAM	2567.5	513500	5	25	0	22.84	21.44	0.139
CP-OFDM 256QAM	2567.5	513500	5	1	0	20.53	19.13	0.082
CP-OFDM 256QAM	2567.5	513500	5	1	24	20.20	18.80	0.076
CP-OFDM 256QAM	2567.5	513500	5	13	6	20.43	19.03	0.080
CP-OFDM 256QAM	2567.5	513500	5	25	0	20.66	19.26	0.084

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	2505	501000	10	25	12	23.21	21.81	0.152
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	1	22.89	21.49	0.141
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	50	22.33	20.93	0.124
DFT-s-OFDM QPSK	2505	501000	10	25	12	22.72	21.32	0.136
DFT-s-OFDM QPSK	2505	501000	10	1	1	23.43	22.03	0.160
DFT-s-OFDM QPSK	2505	501000	10	1	50	23.81	22.41	0.174
DFT-s-OFDM QPSK	2505	501000	10	25	12	22.22	20.82	0.121
DFT-s-OFDM QPSK	2505	501000	10	50	0	22.61	21.21	0.132
DFT-s-OFDM 16QAM	2505	501000	10	1	0	23.32	21.92	0.156
DFT-s-OFDM 16QAM	2505	501000	10	1	51	23.70	22.30	0.170
DFT-s-OFDM 16QAM	2505	501000	10	25	12	22.11	20.71	0.118
DFT-s-OFDM 16QAM	2505	501000	10	50	0	22.82	21.42	0.139
DFT-s-OFDM 64QAM	2505	501000	10	1	0	23.21	21.81	0.152
DFT-s-OFDM 64QAM	2505	501000	10	1	51	22.65	21.25	0.133
DFT-s-OFDM 64QAM	2505	501000	10	25	12	23.03	21.63	0.146
DFT-s-OFDM 64QAM	2505	501000	10	50	0	22.71	21.31	0.135
DFT-s-OFDM 256QAM	2505	501000	10	1	0	19.89	18.49	0.071
DFT-s-OFDM 256QAM	2505	501000	10	1	51	20.12	18.72	0.074
DFT-s-OFDM 256QAM	2505	501000	10	25	12	20.35	18.95	0.079
DFT-s-OFDM 256QAM	2505	501000	10	50	0	20.78	19.38	0.087
CP-OFDM QPSK	2505	501000	10	1	0	22.04	20.64	0.116
CP-OFDM QPSK	2505	501000	10	1	51	22.43	21.03	0.127
CP-OFDM QPSK	2505	501000	10	26	13	23.14	21.74	0.149
CP-OFDM QPSK	2505	501000	10	52	0	23.52	22.12	0.163
CP-OFDM 16QAM	2505	501000	10	1	0	23.91	22.51	0.178

CP-OFDM 16QAM	2505	501000	10	1	51	23.35	21.95	0.157
CP-OFDM 16QAM	2505	501000	10	26	13	23.03	21.63	0.146
CP-OFDM 16QAM	2505	501000	10	52	0	22.47	21.07	0.128
CP-OFDM 64QAM	2505	501000	10	1	0	22.86	21.46	0.140
CP-OFDM 64QAM	2505	501000	10	1	51	22.53	21.13	0.130
CP-OFDM 64QAM	2505	501000	10	26	13	23.95	22.55	0.180
CP-OFDM 64QAM	2505	501000	10	52	0	22.36	20.96	0.125
CP-OFDM 256QAM	2505	501000	10	1	0	20.25	18.85	0.077
CP-OFDM 256QAM	2505	501000	10	1	51	20.67	19.27	0.085
CP-OFDM 256QAM	2505	501000	10	26	13	20.90	19.50	0.089
CP-OFDM 256QAM	2505	501000	10	52	0	19.95	18.55	0.072
DFT-s-OFDM PI/2 BPSK	2535	507000	10	25	12	22.34	20.94	0.124
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	1	22.73	21.33	0.136
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	50	23.11	21.71	0.148
DFT-s-OFDM QPSK	2535	507000	10	25	12	23.50	22.10	0.162
DFT-s-OFDM QPSK	2535	507000	10	1	1	22.94	21.54	0.143
DFT-s-OFDM QPSK	2535	507000	10	1	50	23.33	21.93	0.156
DFT-s-OFDM QPSK	2535	507000	10	25	12	22.06	20.66	0.116
DFT-s-OFDM QPSK	2535	507000	10	50	0	22.44	21.04	0.127
DFT-s-OFDM 16QAM	2535	507000	10	1	0	22.83	21.43	0.139
DFT-s-OFDM 16QAM	2535	507000	10	1	51	23.22	21.82	0.152
DFT-s-OFDM 16QAM	2535	507000	10	25	12	22.66	21.26	0.134
DFT-s-OFDM 16QAM	2535	507000	10	50	0	23.04	21.64	0.146
DFT-s-OFDM 64QAM	2535	507000	10	1	0	23.43	22.03	0.160
DFT-s-OFDM 64QAM	2535	507000	10	1	51	23.82	22.42	0.175
DFT-s-OFDM 64QAM	2535	507000	10	25	12	23.26	21.86	0.153
DFT-s-OFDM 64QAM	2535	507000	10	50	0	22.93	21.53	0.142
DFT-s-OFDM 256QAM	2535	507000	10	1	0	20.59	19.19	0.083
DFT-s-OFDM 256QAM	2535	507000	10	1	51	20.26	18.86	0.077
DFT-s-OFDM 256QAM	2535	507000	10	25	12	20.49	19.09	0.081
DFT-s-OFDM 256QAM	2535	507000	10	50	0	20.72	19.32	0.086
CP-OFDM QPSK	2535	507000	10	1	0	23.92	22.52	0.179
CP-OFDM QPSK	2535	507000	10	1	51	23.36	21.96	0.157
CP-OFDM QPSK	2535	507000	10	26	13	23.75	22.35	0.172
CP-OFDM QPSK	2535	507000	10	52	0	22.48	21.08	0.128
CP-OFDM 16QAM	2535	507000	10	1	0	22.86	21.46	0.140
CP-OFDM 16QAM	2535	507000	10	1	51	23.25	21.85	0.153
CP-OFDM 16QAM	2535	507000	10	26	13	23.64	22.24	0.167
CP-OFDM 16QAM	2535	507000	10	52	0	23.08	21.68	0.147
CP-OFDM 64QAM	2535	507000	10	1	0	23.46	22.06	0.161
CP-OFDM 64QAM	2535	507000	10	1	51	23.85	22.45	0.176
CP-OFDM 64QAM	2535	507000	10	26	13	22.26	20.86	0.122
CP-OFDM 64QAM	2535	507000	10	52	0	22.97	21.57	0.144
CP-OFDM 256QAM	2535	507000	10	1	0	19.85	18.45	0.070
CP-OFDM 256QAM	2535	507000	10	1	51	20.84	19.44	0.088
CP-OFDM 256QAM	2535	507000	10	26	13	20.51	19.11	0.081

CP-OFDM 256QAM	2535	507000	10	52	0	20.74	19.34	0.086
DFT-s-OFDM PI/2 BPSK	2565	513000	10	25	12	23.65	22.25	0.168
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	1	22.06	20.66	0.116
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	50	22.45	21.05	0.127
DFT-s-OFDM QPSK	2565	513000	10	25	12	23.87	22.47	0.177
DFT-s-OFDM QPSK	2565	513000	10	1	1	22.27	20.87	0.122
DFT-s-OFDM QPSK	2565	513000	10	1	50	22.66	21.26	0.134
DFT-s-OFDM QPSK	2565	513000	10	25	12	23.05	21.65	0.146
DFT-s-OFDM QPSK	2565	513000	10	50	0	22.49	21.09	0.129
DFT-s-OFDM 16QAM	2565	513000	10	1	0	22.87	21.47	0.140
DFT-s-OFDM 16QAM	2565	513000	10	1	51	23.26	21.86	0.153
DFT-s-OFDM 16QAM	2565	513000	10	25	12	23.65	22.25	0.168
DFT-s-OFDM 16QAM	2565	513000	10	50	0	23.09	21.69	0.148
DFT-s-OFDM 64QAM	2565	513000	10	1	0	23.47	22.07	0.161
DFT-s-OFDM 64QAM	2565	513000	10	1	51	23.86	22.46	0.176
DFT-s-OFDM 64QAM	2565	513000	10	25	12	22.27	20.87	0.122
DFT-s-OFDM 64QAM	2565	513000	10	50	0	23.69	22.29	0.169
DFT-s-OFDM 256QAM	2565	513000	10	1	0	19.86	18.46	0.070
DFT-s-OFDM 256QAM	2565	513000	10	1	51	20.09	18.69	0.074
DFT-s-OFDM 256QAM	2565	513000	10	25	12	20.32	18.92	0.078
DFT-s-OFDM 256QAM	2565	513000	10	50	0	19.99	18.59	0.072
CP-OFDM QPSK	2565	513000	10	1	0	22.37	20.97	0.125
CP-OFDM QPSK	2565	513000	10	1	51	23.79	22.39	0.173
CP-OFDM QPSK	2565	513000	10	26	13	22.20	20.80	0.120
CP-OFDM QPSK	2565	513000	10	52	0	22.91	21.51	0.142
CP-OFDM 16QAM	2565	513000	10	1	0	22.97	21.57	0.144
CP-OFDM 16QAM	2565	513000	10	1	51	22.41	21.01	0.126
CP-OFDM 16QAM	2565	513000	10	26	13	22.80	21.40	0.138
CP-OFDM 16QAM	2565	513000	10	52	0	23.18	21.78	0.151
CP-OFDM 64QAM	2565	513000	10	1	0	23.57	22.17	0.165
CP-OFDM 64QAM	2565	513000	10	1	51	23.01	21.61	0.145
CP-OFDM 64QAM	2565	513000	10	26	13	23.40	22.00	0.158
CP-OFDM 64QAM	2565	513000	10	52	0	23.78	22.38	0.173
CP-OFDM 256QAM	2565	513000	10	1	0	19.92	18.52	0.071
CP-OFDM 256QAM	2565	513000	10	1	51	20.76	19.36	0.086
CP-OFDM 256QAM	2565	513000	10	26	13	19.81	18.41	0.069
CP-OFDM 256QAM	2565	513000	10	52	0	20.04	18.64	0.073

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	2507.5	501500	15	36	18	23.73	22.33	0.171
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	1	1	23.17	21.77	0.150
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	1	77	23.56	22.16	0.164
DFT-s-OFDM QPSK	2507.5	501500	15	36	18	23.95	22.55	0.180
DFT-s-OFDM QPSK	2507.5	501500	15	1	1	22.68	21.28	0.134
DFT-s-OFDM QPSK	2507.5	501500	15	1	77	23.06	21.66	0.147

DFT-s-OFDM QPSK	2507.5	501500	15	36	18	23.45	22.05	0.160
DFT-s-OFDM QPSK	2507.5	501500	15	75	0	22.89	21.49	0.141
DFT-s-OFDM 16QAM	2507.5	501500	15	1	0	22.57	21.17	0.131
DFT-s-OFDM 16QAM	2507.5	501500	15	1	78	22.95	21.55	0.143
DFT-s-OFDM 16QAM	2507.5	501500	15	36	18	22.39	20.99	0.126
DFT-s-OFDM 16QAM	2507.5	501500	15	75	0	22.78	21.38	0.137
DFT-s-OFDM 64QAM	2507.5	501500	15	1	0	23.49	22.09	0.162
DFT-s-OFDM 64QAM	2507.5	501500	15	1	78	23.88	22.48	0.177
DFT-s-OFDM 64QAM	2507.5	501500	15	36	18	22.28	20.88	0.122
DFT-s-OFDM 64QAM	2507.5	501500	15	75	0	22.67	21.27	0.134
DFT-s-OFDM 256QAM	2507.5	501500	15	1	0	19.87	18.47	0.070
DFT-s-OFDM 256QAM	2507.5	501500	15	1	78	20.10	18.70	0.074
DFT-s-OFDM 256QAM	2507.5	501500	15	36	18	19.91	18.51	0.071
DFT-s-OFDM 256QAM	2507.5	501500	15	75	0	20.75	19.35	0.086
CP-OFDM QPSK	2507.5	501500	15	1	0	23.27	21.87	0.154
CP-OFDM QPSK	2507.5	501500	15	1	78	22.71	21.31	0.135
CP-OFDM QPSK	2507.5	501500	15	39	19	23.10	21.70	0.148
CP-OFDM QPSK	2507.5	501500	15	79	0	23.48	22.08	0.161
CP-OFDM 16QAM	2507.5	501500	15	1	0	23.87	22.47	0.177
CP-OFDM 16QAM	2507.5	501500	15	1	78	22.60	21.20	0.132
CP-OFDM 16QAM	2507.5	501500	15	39	19	22.99	21.59	0.144
CP-OFDM 16QAM	2507.5	501500	15	79	0	23.37	21.97	0.157
CP-OFDM 64QAM	2507.5	501500	15	1	0	22.81	21.41	0.138
CP-OFDM 64QAM	2507.5	501500	15	1	78	23.20	21.80	0.151
CP-OFDM 64QAM	2507.5	501500	15	39	19	23.91	22.51	0.178
CP-OFDM 64QAM	2507.5	501500	15	79	0	22.32	20.92	0.124
CP-OFDM 256QAM	2507.5	501500	15	1	0	20.22	18.82	0.076
CP-OFDM 256QAM	2507.5	501500	15	1	78	20.45	19.05	0.080
CP-OFDM 256QAM	2507.5	501500	15	39	19	20.12	18.72	0.074
CP-OFDM 256QAM	2507.5	501500	15	79	0	20.35	18.95	0.079
DFT-s-OFDM PI/2 BPSK	2535	507000	15	36	18	23.78	22.38	0.173
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	1	23.46	22.06	0.161
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	77	22.90	21.50	0.141
DFT-s-OFDM QPSK	2535	507000	15	36	18	23.29	21.89	0.155
DFT-s-OFDM QPSK	2535	507000	15	1	1	23.67	22.27	0.169
DFT-s-OFDM QPSK	2535	507000	15	1	77	22.08	20.68	0.117
DFT-s-OFDM QPSK	2535	507000	15	36	18	23.50	22.10	0.162
DFT-s-OFDM QPSK	2535	507000	15	75	0	23.89	22.49	0.177
DFT-s-OFDM 16QAM	2535	507000	15	1	0	22.29	20.89	0.123
DFT-s-OFDM 16QAM	2535	507000	15	1	78	22.68	21.28	0.134
DFT-s-OFDM 16QAM	2535	507000	15	36	18	22.12	20.72	0.118
DFT-s-OFDM 16QAM	2535	507000	15	75	0	22.51	21.11	0.129
DFT-s-OFDM 64QAM	2535	507000	15	1	0	22.89	21.49	0.141
DFT-s-OFDM 64QAM	2535	507000	15	1	78	23.60	22.20	0.166
DFT-s-OFDM 64QAM	2535	507000	15	36	18	22.01	20.61	0.115
DFT-s-OFDM 64QAM	2535	507000	15	75	0	22.40	21.00	0.126

DFT-s-OFDM 256QAM	2535	507000	15	1	0	20.27	18.87	0.077
DFT-s-OFDM 256QAM	2535	507000	15	1	78	19.94	18.54	0.071
DFT-s-OFDM 256QAM	2535	507000	15	36	18	20.17	18.77	0.075
DFT-s-OFDM 256QAM	2535	507000	15	75	0	20.40	19.00	0.079
CP-OFDM QPSK	2535	507000	15	1	0	23.38	21.98	0.158
CP-OFDM QPSK	2535	507000	15	1	78	22.82	21.42	0.139
CP-OFDM QPSK	2535	507000	15	39	19	23.21	21.81	0.152
CP-OFDM QPSK	2535	507000	15	79	0	23.60	22.20	0.166
CP-OFDM 16QAM	2535	507000	15	1	0	23.98	22.58	0.181
CP-OFDM 16QAM	2535	507000	15	1	78	23.42	22.02	0.159
CP-OFDM 16QAM	2535	507000	15	39	19	23.81	22.41	0.174
CP-OFDM 16QAM	2535	507000	15	79	0	22.54	21.14	0.130
CP-OFDM 64QAM	2535	507000	15	1	0	22.93	21.53	0.142
CP-OFDM 64QAM	2535	507000	15	1	78	23.31	21.91	0.155
CP-OFDM 64QAM	2535	507000	15	39	19	23.70	22.30	0.170
CP-OFDM 64QAM	2535	507000	15	79	0	23.14	21.74	0.149
CP-OFDM 256QAM	2535	507000	15	1	0	20.71	19.31	0.085
CP-OFDM 256QAM	2535	507000	15	1	78	20.94	19.54	0.090
CP-OFDM 256QAM	2535	507000	15	39	19	19.99	18.59	0.072
CP-OFDM 256QAM	2535	507000	15	79	0	20.84	19.44	0.088
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	36	18	22.62	21.22	0.132
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	1	23.00	21.60	0.145
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	77	22.12	20.72	0.118
DFT-s-OFDM QPSK	2562.5	512500	15	36	18	22.51	21.11	0.129
DFT-s-OFDM QPSK	2562.5	512500	15	1	1	23.93	22.53	0.179
DFT-s-OFDM QPSK	2562.5	512500	15	1	77	22.34	20.94	0.124
DFT-s-OFDM QPSK	2562.5	512500	15	36	18	22.72	21.32	0.136
DFT-s-OFDM QPSK	2562.5	512500	15	75	0	23.11	21.71	0.148
DFT-s-OFDM 16QAM	2562.5	512500	15	1	0	22.55	21.15	0.130
DFT-s-OFDM 16QAM	2562.5	512500	15	1	78	22.94	21.54	0.143
DFT-s-OFDM 16QAM	2562.5	512500	15	36	18	23.32	21.92	0.156
DFT-s-OFDM 16QAM	2562.5	512500	15	75	0	23.71	22.31	0.170
DFT-s-OFDM 64QAM	2562.5	512500	15	1	0	23.15	21.75	0.150
DFT-s-OFDM 64QAM	2562.5	512500	15	1	78	23.54	22.14	0.164
DFT-s-OFDM 64QAM	2562.5	512500	15	36	18	23.92	22.52	0.179
DFT-s-OFDM 64QAM	2562.5	512500	15	75	0	23.04	21.64	0.146
DFT-s-OFDM 256QAM	2562.5	512500	15	1	0	20.65	19.25	0.084
DFT-s-OFDM 256QAM	2562.5	512500	15	1	78	20.88	19.48	0.089
DFT-s-OFDM 256QAM	2562.5	512500	15	36	18	20.55	19.15	0.082
DFT-s-OFDM 256QAM	2562.5	512500	15	75	0	20.78	19.38	0.087
CP-OFDM QPSK	2562.5	512500	15	1	0	22.05	20.65	0.116
CP-OFDM QPSK	2562.5	512500	15	1	78	22.43	21.03	0.127
CP-OFDM QPSK	2562.5	512500	15	39	19	23.85	22.45	0.176
CP-OFDM QPSK	2562.5	512500	15	79	0	22.97	21.57	0.144
CP-OFDM 16QAM	2562.5	512500	15	1	0	23.36	21.96	0.157
CP-OFDM 16QAM	2562.5	512500	15	1	78	23.74	22.34	0.171

CP-OFDM 16QAM	2562.5	512500	15	39	19	22.15	20.75	0.119
CP-OFDM 16QAM	2562.5	512500	15	79	0	23.57	22.17	0.165
CP-OFDM 64QAM	2562.5	512500	15	1	0	23.96	22.56	0.180
CP-OFDM 64QAM	2562.5	512500	15	1	78	22.36	20.96	0.125
CP-OFDM 64QAM	2562.5	512500	15	39	19	22.75	21.35	0.136
CP-OFDM 64QAM	2562.5	512500	15	79	0	22.19	20.79	0.120
CP-OFDM 256QAM	2562.5	512500	15	1	0	20.15	18.75	0.075
CP-OFDM 256QAM	2562.5	512500	15	1	78	20.38	18.98	0.079
CP-OFDM 256QAM	2562.5	512500	15	39	19	20.61	19.21	0.083
CP-OFDM 256QAM	2562.5	512500	15	79	0	20.08	18.68	0.074

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	2510	502000	20	50	25	23.69	22.29	0.169
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	1	23.13	21.73	0.149
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	104	23.52	22.12	0.163
DFT-s-OFDM QPSK	2510	502000	20	50	25	23.19	21.79	0.151
DFT-s-OFDM QPSK	2510	502000	20	1	1	22.64	21.24	0.133
DFT-s-OFDM QPSK	2510	502000	20	1	104	23.02	21.62	0.145
DFT-s-OFDM QPSK	2510	502000	20	50	25	23.73	22.33	0.171
DFT-s-OFDM QPSK	2510	502000	20	100	0	22.14	20.74	0.119
DFT-s-OFDM 16QAM	2510	502000	20	1	0	22.53	21.13	0.130
DFT-s-OFDM 16QAM	2510	502000	20	1	105	22.91	21.51	0.142
DFT-s-OFDM 16QAM	2510	502000	20	50	25	23.62	22.22	0.167
DFT-s-OFDM 16QAM	2510	502000	20	100	0	22.74	21.34	0.136
DFT-s-OFDM 64QAM	2510	502000	20	1	0	22.42	21.02	0.126
DFT-s-OFDM 64QAM	2510	502000	20	1	105	23.84	22.44	0.175
DFT-s-OFDM 64QAM	2510	502000	20	50	25	22.24	20.84	0.121
DFT-s-OFDM 64QAM	2510	502000	20	100	0	22.63	21.23	0.133
DFT-s-OFDM 256QAM	2510	502000	20	1	0	20.41	19.01	0.080
DFT-s-OFDM 256QAM	2510	502000	20	1	105	20.83	19.43	0.088
DFT-s-OFDM 256QAM	2510	502000	20	50	25	19.88	18.48	0.070
DFT-s-OFDM 256QAM	2510	502000	20	100	0	20.73	19.33	0.086
CP-OFDM QPSK	2510	502000	20	1	0	23.94	22.54	0.179
CP-OFDM QPSK	2510	502000	20	1	105	22.35	20.95	0.124
CP-OFDM QPSK	2510	502000	20	53	26	23.06	21.66	0.147
CP-OFDM QPSK	2510	502000	20	106	0	23.44	22.04	0.160
CP-OFDM 16QAM	2510	502000	20	1	0	23.83	22.43	0.175
CP-OFDM 16QAM	2510	502000	20	1	105	22.24	20.84	0.121
CP-OFDM 16QAM	2510	502000	20	53	26	23.66	22.26	0.168
CP-OFDM 16QAM	2510	502000	20	106	0	23.33	21.93	0.156
CP-OFDM 64QAM	2510	502000	20	1	0	22.77	21.37	0.137
CP-OFDM 64QAM	2510	502000	20	1	105	23.16	21.76	0.150
CP-OFDM 64QAM	2510	502000	20	53	26	23.55	22.15	0.164
CP-OFDM 64QAM	2510	502000	20	106	0	22.28	20.88	0.122
CP-OFDM 256QAM	2510	502000	20	1	0	20.20	18.80	0.076

CP-OFDM 256QAM	2510	502000	20	1	105	20.43	19.03	0.080
CP-OFDM 256QAM	2510	502000	20	53	26	20.66	19.26	0.084
CP-OFDM 256QAM	2510	502000	20	106	0	20.32	18.92	0.078
DFT-s-OFDM PI/2 BPSK	2535	507000	20	50	25	23.24	21.84	0.153
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	1	23.63	22.23	0.167
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	104	22.04	20.64	0.116
DFT-s-OFDM QPSK	2535	507000	20	50	25	22.42	21.02	0.126
DFT-s-OFDM QPSK	2535	507000	20	1	1	23.84	22.44	0.175
DFT-s-OFDM QPSK	2535	507000	20	1	104	22.25	20.85	0.122
DFT-s-OFDM QPSK	2535	507000	20	50	25	22.64	21.24	0.133
DFT-s-OFDM QPSK	2535	507000	20	100	0	23.02	21.62	0.145
DFT-s-OFDM 16QAM	2535	507000	20	1	0	22.47	21.07	0.128
DFT-s-OFDM 16QAM	2535	507000	20	1	105	22.85	21.45	0.140
DFT-s-OFDM 16QAM	2535	507000	20	50	25	23.24	21.84	0.153
DFT-s-OFDM 16QAM	2535	507000	20	100	0	23.62	22.22	0.167
DFT-s-OFDM 64QAM	2535	507000	20	1	0	23.07	21.67	0.147
DFT-s-OFDM 64QAM	2535	507000	20	1	105	23.45	22.05	0.160
DFT-s-OFDM 64QAM	2535	507000	20	50	25	23.84	22.44	0.175
DFT-s-OFDM 64QAM	2535	507000	20	100	0	22.24	20.84	0.121
DFT-s-OFDM 256QAM	2535	507000	20	1	0	20.79	19.39	0.087
DFT-s-OFDM 256QAM	2535	507000	20	1	105	19.84	18.44	0.070
DFT-s-OFDM 256QAM	2535	507000	20	50	25	20.08	18.68	0.074
DFT-s-OFDM 256QAM	2535	507000	20	100	0	20.31	18.91	0.078
CP-OFDM QPSK	2535	507000	20	1	0	22.29	20.89	0.123
CP-OFDM QPSK	2535	507000	20	1	105	22.67	21.27	0.134
CP-OFDM QPSK	2535	507000	20	53	26	23.06	21.66	0.147
CP-OFDM QPSK	2535	507000	20	106	0	23.45	22.05	0.160
CP-OFDM 16QAM	2535	507000	20	1	0	22.89	21.49	0.141
CP-OFDM 16QAM	2535	507000	20	1	105	22.56	21.16	0.131
CP-OFDM 16QAM	2535	507000	20	53	26	23.66	22.26	0.168
CP-OFDM 16QAM	2535	507000	20	106	0	22.39	20.99	0.126
CP-OFDM 64QAM	2535	507000	20	1	0	22.78	21.38	0.137
CP-OFDM 64QAM	2535	507000	20	1	105	23.16	21.76	0.150
CP-OFDM 64QAM	2535	507000	20	53	26	22.60	21.20	0.132
CP-OFDM 64QAM	2535	507000	20	106	0	22.99	21.59	0.144
CP-OFDM 256QAM	2535	507000	20	1	0	20.62	19.22	0.084
CP-OFDM 256QAM	2535	507000	20	1	105	20.85	19.45	0.088
CP-OFDM 256QAM	2535	507000	20	53	26	20.52	19.12	0.082
CP-OFDM 256QAM	2535	507000	20	106	0	20.75	19.35	0.086
DFT-s-OFDM PI/2 BPSK	2560	512000	20	50	25	23.95	22.55	0.180
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	1	23.39	21.99	0.158
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	104	23.78	22.38	0.173
DFT-s-OFDM QPSK	2560	512000	20	50	25	22.18	20.78	0.120
DFT-s-OFDM QPSK	2560	512000	20	1	1	23.28	21.88	0.154
DFT-s-OFDM QPSK	2560	512000	20	1	104	23.67	22.27	0.169
DFT-s-OFDM QPSK	2560	512000	20	50	25	22.07	20.67	0.117

DFT-s-OFDM QPSK	2560	512000	20	100	0	23.50	22.10	0.162
DFT-s-OFDM 16QAM	2560	512000	20	1	0	23.88	22.48	0.177
DFT-s-OFDM 16QAM	2560	512000	20	1	105	22.29	20.89	0.123
DFT-s-OFDM 16QAM	2560	512000	20	50	25	22.67	21.27	0.134
DFT-s-OFDM 16QAM	2560	512000	20	100	0	22.12	20.72	0.118
DFT-s-OFDM 64QAM	2560	512000	20	1	0	23.21	21.81	0.152
DFT-s-OFDM 64QAM	2560	512000	20	1	105	23.60	22.20	0.166
DFT-s-OFDM 64QAM	2560	512000	20	50	25	22.01	20.61	0.115
DFT-s-OFDM 64QAM	2560	512000	20	100	0	22.39	20.99	0.126
DFT-s-OFDM 256QAM	2560	512000	20	1	0	20.88	19.48	0.089
DFT-s-OFDM 256QAM	2560	512000	20	1	105	19.93	18.53	0.071
DFT-s-OFDM 256QAM	2560	512000	20	50	25	20.16	18.76	0.075
DFT-s-OFDM 256QAM	2560	512000	20	100	0	20.39	18.99	0.079
CP-OFDM QPSK	2560	512000	20	1	0	22.43	21.03	0.127
CP-OFDM QPSK	2560	512000	20	1	105	22.82	21.42	0.139
CP-OFDM QPSK	2560	512000	20	53	26	23.21	21.81	0.152
CP-OFDM QPSK	2560	512000	20	106	0	22.32	20.92	0.124
CP-OFDM 16QAM	2560	512000	20	1	0	22.71	21.31	0.135
CP-OFDM 16QAM	2560	512000	20	1	105	23.10	21.70	0.148
CP-OFDM 16QAM	2560	512000	20	53	26	22.54	21.14	0.130
CP-OFDM 16QAM	2560	512000	20	106	0	22.92	21.52	0.142
CP-OFDM 64QAM	2560	512000	20	1	0	22.04	20.64	0.116
CP-OFDM 64QAM	2560	512000	20	1	105	22.43	21.03	0.127
CP-OFDM 64QAM	2560	512000	20	53	26	22.81	21.41	0.138
CP-OFDM 64QAM	2560	512000	20	106	0	22.25	20.85	0.122
CP-OFDM 256QAM	2560	512000	20	1	0	20.18	18.78	0.076
CP-OFDM 256QAM	2560	512000	20	1	105	20.84	19.44	0.088
CP-OFDM 256QAM	2560	512000	20	53	26	19.89	18.49	0.071
CP-OFDM 256QAM	2560	512000	20	106	0	20.12	18.72	0.074