

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

**NSA DC\_5A\_n7A (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	1	0	23.63
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	1	24	23.16
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	12	6	23.49
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	25	0	22.41
DFT-s-OFDM QPSK	2502.5	500500	5	1	0	22.74
DFT-s-OFDM QPSK	2502.5	500500	5	1	24	22.46
DFT-s-OFDM QPSK	2502.5	500500	5	12	6	23.67
DFT-s-OFDM QPSK	2502.5	500500	5	25	0	22.32
DFT-s-OFDM 16QAM	2502.5	500500	5	1	0	22.64
DFT-s-OFDM 16QAM	2502.5	500500	5	1	24	23.25
DFT-s-OFDM 16QAM	2502.5	500500	5	12	6	23.58
DFT-s-OFDM 16QAM	2502.5	500500	5	25	0	22.22
DFT-s-OFDM 64QAM	2502.5	500500	5	1	0	22.83
DFT-s-OFDM 64QAM	2502.5	500500	5	1	24	23.15
DFT-s-OFDM 64QAM	2502.5	500500	5	12	6	23.48
DFT-s-OFDM 64QAM	2502.5	500500	5	25	0	22.40
DFT-s-OFDM 256QAM	2502.5	500500	5	1	0	22.73
DFT-s-OFDM 256QAM	2502.5	500500	5	1	24	23.34
DFT-s-OFDM 256QAM	2502.5	500500	5	12	6	23.66
DFT-s-OFDM 256QAM	2502.5	500500	5	25	0	22.59
CP-OFDM QPSK	2502.5	500500	5	1	0	22.91
CP-OFDM QPSK	2502.5	500500	5	1	24	23.52
CP-OFDM QPSK	2502.5	500500	5	13	6	22.16
CP-OFDM QPSK	2502.5	500500	5	25	0	22.77
CP-OFDM 16QAM	2502.5	500500	5	1	0	23.10
CP-OFDM 16QAM	2502.5	500500	5	1	24	22.82
CP-OFDM 16QAM	2502.5	500500	5	13	6	22.35
CP-OFDM 16QAM	2502.5	500500	5	25	0	22.67
CP-OFDM 64QAM	2502.5	500500	5	1	0	23.28
CP-OFDM 64QAM	2502.5	500500	5	1	24	23.60
CP-OFDM 64QAM	2502.5	500500	5	13	6	22.25
CP-OFDM 64QAM	2502.5	500500	5	25	0	22.86
CP-OFDM 256QAM	2502.5	500500	5	1	0	23.18
CP-OFDM 256QAM	2502.5	500500	5	1	24	22.11
CP-OFDM 256QAM	2502.5	500500	5	13	6	22.43
CP-OFDM 256QAM	2502.5	500500	5	25	0	22.76
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	0	22.94
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	24	23.54
DFT-s-OFDM PI/2 BPSK	2535	507000	5	12	6	22.19
DFT-s-OFDM PI/2 BPSK	2535	507000	5	25	0	22.52
DFT-s-OFDM QPSK	2535	507000	5	1	0	22.85
DFT-s-OFDM QPSK	2535	507000	5	1	24	22.37

DFT-s-OFDM QPSK	2535	507000	5	12	6	22.70
DFT-s-OFDM QPSK	2535	507000	5	25	0	22.43
DFT-s-OFDM 16QAM	2535	507000	5	1	0	23.63
DFT-s-OFDM 16QAM	2535	507000	5	1	24	22.28
DFT-s-OFDM 16QAM	2535	507000	5	12	6	22.61
DFT-s-OFDM 16QAM	2535	507000	5	25	0	22.93
DFT-s-OFDM 64QAM	2535	507000	5	1	0	22.46
DFT-s-OFDM 64QAM	2535	507000	5	1	24	22.79
DFT-s-OFDM 64QAM	2535	507000	5	12	6	23.12
DFT-s-OFDM 64QAM	2535	507000	5	25	0	22.04
DFT-s-OFDM 256QAM	2535	507000	5	1	0	22.37
DFT-s-OFDM 256QAM	2535	507000	5	1	24	22.69
DFT-s-OFDM 256QAM	2535	507000	5	12	6	22.22
DFT-s-OFDM 256QAM	2535	507000	5	25	0	23.63
CP-OFDM QPSK	2535	507000	5	1	0	22.27
CP-OFDM QPSK	2535	507000	5	1	24	23.48
CP-OFDM QPSK	2535	507000	5	13	6	22.13
CP-OFDM QPSK	2535	507000	5	25	0	22.45
CP-OFDM 16QAM	2535	507000	5	1	0	23.06
CP-OFDM 16QAM	2535	507000	5	1	24	23.39
CP-OFDM 16QAM	2535	507000	5	13	6	22.03
CP-OFDM 16QAM	2535	507000	5	25	0	23.24
CP-OFDM 64QAM	2535	507000	5	1	0	22.96
CP-OFDM 64QAM	2535	507000	5	1	24	23.29
CP-OFDM 64QAM	2535	507000	5	13	6	22.82
CP-OFDM 64QAM	2535	507000	5	25	0	23.15
CP-OFDM 256QAM	2535	507000	5	1	0	22.07
CP-OFDM 256QAM	2535	507000	5	1	24	22.40
CP-OFDM 256QAM	2535	507000	5	13	6	22.72
CP-OFDM 256QAM	2535	507000	5	25	0	23.05
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	0	23.36
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	24	22.89
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	12	6	23.22
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	25	0	23.54
DFT-s-OFDM QPSK	2567.5	513500	5	1	0	22.19
DFT-s-OFDM QPSK	2567.5	513500	5	1	24	23.40
DFT-s-OFDM QPSK	2567.5	513500	5	12	6	22.05
DFT-s-OFDM QPSK	2567.5	513500	5	25	0	22.37
DFT-s-OFDM 16QAM	2567.5	513500	5	1	0	22.70
DFT-s-OFDM 16QAM	2567.5	513500	5	1	24	22.23
DFT-s-OFDM 16QAM	2567.5	513500	5	12	6	22.56
DFT-s-OFDM 16QAM	2567.5	513500	5	25	0	22.88
DFT-s-OFDM 64QAM	2567.5	513500	5	1	0	23.21
DFT-s-OFDM 64QAM	2567.5	513500	5	1	24	22.74
DFT-s-OFDM 64QAM	2567.5	513500	5	12	6	23.06
DFT-s-OFDM 64QAM	2567.5	513500	5	25	0	23.39

DFT-s-OFDM 256QAM	2567.5	513500	5	1	0	22.04
DFT-s-OFDM 256QAM	2567.5	513500	5	1	24	23.25
DFT-s-OFDM 256QAM	2567.5	513500	5	12	6	23.57
DFT-s-OFDM 256QAM	2567.5	513500	5	25	0	22.22
CP-OFDM QPSK	2567.5	513500	5	1	0	22.55
CP-OFDM QPSK	2567.5	513500	5	1	24	22.08
CP-OFDM QPSK	2567.5	513500	5	13	6	22.40
CP-OFDM QPSK	2567.5	513500	5	25	0	22.73
CP-OFDM 16QAM	2567.5	513500	5	1	0	23.06
CP-OFDM 16QAM	2567.5	513500	5	1	24	22.58
CP-OFDM 16QAM	2567.5	513500	5	13	6	22.91
CP-OFDM 16QAM	2567.5	513500	5	25	0	23.24
CP-OFDM 64QAM	2567.5	513500	5	1	0	23.57
CP-OFDM 64QAM	2567.5	513500	5	1	24	23.09
CP-OFDM 64QAM	2567.5	513500	5	13	6	23.42
CP-OFDM 64QAM	2567.5	513500	5	25	0	22.07
CP-OFDM 256QAM	2567.5	513500	5	1	0	22.40
CP-OFDM 256QAM	2567.5	513500	5	1	24	23.60
CP-OFDM 256QAM	2567.5	513500	5	13	6	22.25
CP-OFDM 256QAM	2567.5	513500	5	25	0	22.58

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	0	23.54
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	51	23.06
DFT-s-OFDM PI/2 BPSK	2505	501000	10	25	12	22.79
DFT-s-OFDM PI/2 BPSK	2505	501000	10	50	0	22.31
DFT-s-OFDM QPSK	2505	501000	10	1	0	22.64
DFT-s-OFDM QPSK	2505	501000	10	1	51	22.36
DFT-s-OFDM QPSK	2505	501000	10	25	12	23.57
DFT-s-OFDM QPSK	2505	501000	10	50	0	22.22
DFT-s-OFDM 16QAM	2505	501000	10	1	0	22.55
DFT-s-OFDM 16QAM	2505	501000	10	1	51	23.15
DFT-s-OFDM 16QAM	2505	501000	10	25	12	23.48
DFT-s-OFDM 16QAM	2505	501000	10	50	0	22.40
DFT-s-OFDM 64QAM	2505	501000	10	1	0	22.73
DFT-s-OFDM 64QAM	2505	501000	10	1	51	23.06
DFT-s-OFDM 64QAM	2505	501000	10	25	12	23.66
DFT-s-OFDM 64QAM	2505	501000	10	50	0	22.31
DFT-s-OFDM 256QAM	2505	501000	10	1	0	22.91
DFT-s-OFDM 256QAM	2505	501000	10	1	51	23.24
DFT-s-OFDM 256QAM	2505	501000	10	25	12	23.56
DFT-s-OFDM 256QAM	2505	501000	10	50	0	22.21
CP-OFDM QPSK	2505	501000	10	1	0	22.82
CP-OFDM QPSK	2505	501000	10	1	51	23.14
CP-OFDM QPSK	2505	501000	10	26	13	22.67

CP-OFDM QPSK	2505	501000	10	52	0	23.00
CP-OFDM 16QAM	2505	501000	10	1	0	22.72
CP-OFDM 16QAM	2505	501000	10	1	51	22.25
CP-OFDM 16QAM	2505	501000	10	26	13	22.58
CP-OFDM 16QAM	2505	501000	10	52	0	23.18
CP-OFDM 64QAM	2505	501000	10	1	0	23.51
CP-OFDM 64QAM	2505	501000	10	1	51	22.15
CP-OFDM 64QAM	2505	501000	10	26	13	22.76
CP-OFDM 64QAM	2505	501000	10	52	0	23.08
CP-OFDM 256QAM	2505	501000	10	1	0	23.41
CP-OFDM 256QAM	2505	501000	10	1	51	22.34
CP-OFDM 256QAM	2505	501000	10	26	13	22.66
CP-OFDM 256QAM	2505	501000	10	52	0	22.99
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	0	22.91
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	51	23.23
DFT-s-OFDM PI/2 BPSK	2535	507000	10	25	12	22.16
DFT-s-OFDM PI/2 BPSK	2535	507000	10	50	0	22.48
DFT-s-OFDM QPSK	2535	507000	10	1	0	22.81
DFT-s-OFDM QPSK	2535	507000	10	1	51	23.14
DFT-s-OFDM QPSK	2535	507000	10	25	12	22.67
DFT-s-OFDM QPSK	2535	507000	10	50	0	22.99
DFT-s-OFDM 16QAM	2535	507000	10	1	0	23.60
DFT-s-OFDM 16QAM	2535	507000	10	1	51	22.24
DFT-s-OFDM 16QAM	2535	507000	10	25	12	22.57
DFT-s-OFDM 16QAM	2535	507000	10	50	0	22.90
DFT-s-OFDM 64QAM	2535	507000	10	1	0	22.43
DFT-s-OFDM 64QAM	2535	507000	10	1	51	22.75
DFT-s-OFDM 64QAM	2535	507000	10	25	12	23.08
DFT-s-OFDM 64QAM	2535	507000	10	50	0	23.41
DFT-s-OFDM 256QAM	2535	507000	10	1	0	22.93
DFT-s-OFDM 256QAM	2535	507000	10	1	51	23.26
DFT-s-OFDM 256QAM	2535	507000	10	25	12	23.59
DFT-s-OFDM 256QAM	2535	507000	10	50	0	22.51
CP-OFDM QPSK	2535	507000	10	1	0	22.84
CP-OFDM QPSK	2535	507000	10	1	51	23.17
CP-OFDM QPSK	2535	507000	10	26	13	23.50
CP-OFDM QPSK	2535	507000	10	52	0	23.02
CP-OFDM 16QAM	2535	507000	10	1	0	23.35
CP-OFDM 16QAM	2535	507000	10	1	51	23.68
CP-OFDM 16QAM	2535	507000	10	26	13	22.33
CP-OFDM 16QAM	2535	507000	10	52	0	22.93
CP-OFDM 64QAM	2535	507000	10	1	0	23.26
CP-OFDM 64QAM	2535	507000	10	1	51	22.78
CP-OFDM 64QAM	2535	507000	10	26	13	23.11
CP-OFDM 64QAM	2535	507000	10	52	0	23.44
CP-OFDM 256QAM	2535	507000	10	1	0	22.09

CP-OFDM 256QAM	2535	507000	10	1	51	23.29
CP-OFDM 256QAM	2535	507000	10	26	13	23.62
CP-OFDM 256QAM	2535	507000	10	52	0	22.27
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	0	22.60
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	51	22.13
DFT-s-OFDM PI/2 BPSK	2565	513000	10	25	12	22.46
DFT-s-OFDM PI/2 BPSK	2565	513000	10	50	0	22.78
DFT-s-OFDM QPSK	2565	513000	10	1	0	23.11
DFT-s-OFDM QPSK	2565	513000	10	1	51	22.36
DFT-s-OFDM QPSK	2565	513000	10	25	12	22.69
DFT-s-OFDM QPSK	2565	513000	10	50	0	22.22
DFT-s-OFDM 16QAM	2565	513000	10	1	0	22.54
DFT-s-OFDM 16QAM	2565	513000	10	1	51	22.87
DFT-s-OFDM 16QAM	2565	513000	10	25	12	23.20
DFT-s-OFDM 16QAM	2565	513000	10	50	0	22.73
DFT-s-OFDM 64QAM	2565	513000	10	1	0	23.05
DFT-s-OFDM 64QAM	2565	513000	10	1	51	23.38
DFT-s-OFDM 64QAM	2565	513000	10	25	12	22.03
DFT-s-OFDM 64QAM	2565	513000	10	50	0	23.24
DFT-s-OFDM 256QAM	2565	513000	10	1	0	23.56
DFT-s-OFDM 256QAM	2565	513000	10	1	51	22.21
DFT-s-OFDM 256QAM	2565	513000	10	25	12	22.54
DFT-s-OFDM 256QAM	2565	513000	10	50	0	23.47
CP-OFDM QPSK	2565	513000	10	1	0	22.39
CP-OFDM QPSK	2565	513000	10	1	51	23.32
CP-OFDM QPSK	2565	513000	10	26	13	23.65
CP-OFDM QPSK	2565	513000	10	52	0	22.30
CP-OFDM 16QAM	2565	513000	10	1	0	23.50
CP-OFDM 16QAM	2565	513000	10	1	51	22.15
CP-OFDM 16QAM	2565	513000	10	26	13	22.48
CP-OFDM 16QAM	2565	513000	10	52	0	22.81
CP-OFDM 64QAM	2565	513000	10	1	0	22.33
CP-OFDM 64QAM	2565	513000	10	1	51	22.66
CP-OFDM 64QAM	2565	513000	10	26	13	22.99
CP-OFDM 64QAM	2565	513000	10	52	0	22.24
CP-OFDM 256QAM	2565	513000	10	1	0	22.57
CP-OFDM 256QAM	2565	513000	10	1	51	22.90
CP-OFDM 256QAM	2565	513000	10	26	13	22.42
CP-OFDM 256QAM	2565	513000	10	52	0	22.75

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	1	0	22.69
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	1	78	22.21
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	36	18	22.54
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	75	0	22.87

DFT-s-OFDM QPSK	2507.5	501500	15	1	0	23.47
DFT-s-OFDM QPSK	2507.5	501500	15	1	78	22.12
DFT-s-OFDM QPSK	2507.5	501500	15	36	18	22.45
DFT-s-OFDM QPSK	2507.5	501500	15	75	0	22.77
DFT-s-OFDM 16QAM	2507.5	501500	15	1	0	23.38
DFT-s-OFDM 16QAM	2507.5	501500	15	1	78	22.03
DFT-s-OFDM 16QAM	2507.5	501500	15	36	18	23.23
DFT-s-OFDM 16QAM	2507.5	501500	15	75	0	23.56
DFT-s-OFDM 64QAM	2507.5	501500	15	1	0	23.28
DFT-s-OFDM 64QAM	2507.5	501500	15	1	78	22.81
DFT-s-OFDM 64QAM	2507.5	501500	15	36	18	23.14
DFT-s-OFDM 64QAM	2507.5	501500	15	75	0	23.47
DFT-s-OFDM 256QAM	2507.5	501500	15	1	0	22.11
DFT-s-OFDM 256QAM	2507.5	501500	15	1	78	23.04
DFT-s-OFDM 256QAM	2507.5	501500	15	36	18	22.57
DFT-s-OFDM 256QAM	2507.5	501500	15	75	0	22.62
CP-OFDM QPSK	2507.5	501500	15	1	0	22.15
CP-OFDM QPSK	2507.5	501500	15	1	78	23.08
CP-OFDM QPSK	2507.5	501500	15	39	19	23.13
CP-OFDM QPSK	2507.5	501500	15	79	0	22.66
CP-OFDM 16QAM	2507.5	501500	15	1	0	22.99
CP-OFDM 16QAM	2507.5	501500	15	1	78	23.31
CP-OFDM 16QAM	2507.5	501500	15	39	19	23.64
CP-OFDM 16QAM	2507.5	501500	15	79	0	23.17
CP-OFDM 64QAM	2507.5	501500	15	1	0	23.49
CP-OFDM 64QAM	2507.5	501500	15	1	78	22.42
CP-OFDM 64QAM	2507.5	501500	15	39	19	22.75
CP-OFDM 64QAM	2507.5	501500	15	79	0	23.07
CP-OFDM 256QAM	2507.5	501500	15	1	0	23.40
CP-OFDM 256QAM	2507.5	501500	15	1	78	22.93
CP-OFDM 256QAM	2507.5	501500	15	39	19	23.25
CP-OFDM 256QAM	2507.5	501500	15	79	0	23.58
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	0	22.12
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	78	22.45
DFT-s-OFDM PI/2 BPSK	2535	507000	15	36	18	22.17
DFT-s-OFDM PI/2 BPSK	2535	507000	15	75	0	23.38
DFT-s-OFDM QPSK	2535	507000	15	1	0	22.03
DFT-s-OFDM QPSK	2535	507000	15	1	78	22.36
DFT-s-OFDM QPSK	2535	507000	15	36	18	22.68
DFT-s-OFDM QPSK	2535	507000	15	75	0	22.21
DFT-s-OFDM 16QAM	2535	507000	15	1	0	22.54
DFT-s-OFDM 16QAM	2535	507000	15	1	78	22.86
DFT-s-OFDM 16QAM	2535	507000	15	36	18	23.47
DFT-s-OFDM 16QAM	2535	507000	15	75	0	22.12
DFT-s-OFDM 64QAM	2535	507000	15	1	0	22.44
DFT-s-OFDM 64QAM	2535	507000	15	1	78	23.65

DFT-s-OFDM 64QAM	2535	507000	15	36	18	22.30
DFT-s-OFDM 64QAM	2535	507000	15	75	0	22.62
DFT-s-OFDM 256QAM	2535	507000	15	1	0	22.95
DFT-s-OFDM 256QAM	2535	507000	15	1	78	22.48
DFT-s-OFDM 256QAM	2535	507000	15	36	18	22.20
DFT-s-OFDM 256QAM	2535	507000	15	75	0	22.53
CP-OFDM QPSK	2535	507000	15	1	0	22.06
CP-OFDM QPSK	2535	507000	15	1	78	22.38
CP-OFDM QPSK	2535	507000	15	39	19	22.71
CP-OFDM QPSK	2535	507000	15	79	0	23.04
CP-OFDM 16QAM	2535	507000	15	1	0	22.57
CP-OFDM 16QAM	2535	507000	15	1	78	22.89
CP-OFDM 16QAM	2535	507000	15	39	19	23.22
CP-OFDM 16QAM	2535	507000	15	79	0	22.14
CP-OFDM 64QAM	2535	507000	15	1	0	22.47
CP-OFDM 64QAM	2535	507000	15	1	78	22.80
CP-OFDM 64QAM	2535	507000	15	39	19	22.33
CP-OFDM 64QAM	2535	507000	15	79	0	22.65
CP-OFDM 256QAM	2535	507000	15	1	0	22.98
CP-OFDM 256QAM	2535	507000	15	1	78	23.31
CP-OFDM 256QAM	2535	507000	15	39	19	22.84
CP-OFDM 256QAM	2535	507000	15	79	0	23.16
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	0	23.38
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	78	22.02
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	36	18	22.63
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	75	0	23.56
DFT-s-OFDM QPSK	2562.5	512500	15	1	0	22.21
DFT-s-OFDM QPSK	2562.5	512500	15	1	78	22.53
DFT-s-OFDM QPSK	2562.5	512500	15	36	18	22.86
DFT-s-OFDM QPSK	2562.5	512500	15	75	0	22.39
DFT-s-OFDM 16QAM	2562.5	512500	15	1	0	22.71
DFT-s-OFDM 16QAM	2562.5	512500	15	1	78	23.04
DFT-s-OFDM 16QAM	2562.5	512500	15	36	18	23.37
DFT-s-OFDM 16QAM	2562.5	512500	15	75	0	22.62
DFT-s-OFDM 64QAM	2562.5	512500	15	1	0	23.22
DFT-s-OFDM 64QAM	2562.5	512500	15	1	78	22.47
DFT-s-OFDM 64QAM	2562.5	512500	15	36	18	22.80
DFT-s-OFDM 64QAM	2562.5	512500	15	75	0	23.13
DFT-s-OFDM 256QAM	2562.5	512500	15	1	0	23.46
DFT-s-OFDM 256QAM	2562.5	512500	15	1	78	22.98
DFT-s-OFDM 256QAM	2562.5	512500	15	36	18	23.31
DFT-s-OFDM 256QAM	2562.5	512500	15	75	0	23.64
CP-OFDM QPSK	2562.5	512500	15	1	0	22.29
CP-OFDM QPSK	2562.5	512500	15	1	78	23.49
CP-OFDM QPSK	2562.5	512500	15	39	19	22.74
CP-OFDM QPSK	2562.5	512500	15	79	0	23.07

CP-OFDM 16QAM	2562.5	512500	15	1	0	23.40
CP-OFDM 16QAM	2562.5	512500	15	1	78	22.05
CP-OFDM 16QAM	2562.5	512500	15	39	19	23.25
CP-OFDM 16QAM	2562.5	512500	15	79	0	23.58
CP-OFDM 64QAM	2562.5	512500	15	1	0	22.23
CP-OFDM 64QAM	2562.5	512500	15	1	78	22.56
CP-OFDM 64QAM	2562.5	512500	15	39	19	23.49
CP-OFDM 64QAM	2562.5	512500	15	79	0	22.14
CP-OFDM 256QAM	2562.5	512500	15	1	0	23.34
CP-OFDM 256QAM	2562.5	512500	15	1	78	23.67
CP-OFDM 256QAM	2562.5	512500	15	39	19	22.32
CP-OFDM 256QAM	2562.5	512500	15	79	0	22.65

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	23.13
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	105	23.46
DFT-s-OFDM PI/2 BPSK	2510	502000	20	50	25	23.19
DFT-s-OFDM PI/2 BPSK	2510	502000	20	100	0	22.71
DFT-s-OFDM QPSK	2510	502000	20	1	0	23.04
DFT-s-OFDM QPSK	2510	502000	20	1	105	23.37
DFT-s-OFDM QPSK	2510	502000	20	50	25	22.01
DFT-s-OFDM QPSK	2510	502000	20	100	0	22.62
DFT-s-OFDM 16QAM	2510	502000	20	1	0	22.95
DFT-s-OFDM 16QAM	2510	502000	20	1	105	22.47
DFT-s-OFDM 16QAM	2510	502000	20	50	25	22.20
DFT-s-OFDM 16QAM	2510	502000	20	100	0	22.52
DFT-s-OFDM 64QAM	2510	502000	20	1	0	22.05
DFT-s-OFDM 64QAM	2510	502000	20	1	105	22.38
DFT-s-OFDM 64QAM	2510	502000	20	50	25	22.71
DFT-s-OFDM 64QAM	2510	502000	20	100	0	23.31
DFT-s-OFDM 256QAM	2510	502000	20	1	0	23.64
DFT-s-OFDM 256QAM	2510	502000	20	1	105	22.28
DFT-s-OFDM 256QAM	2510	502000	20	50	25	23.49
DFT-s-OFDM 256QAM	2510	502000	20	100	0	23.21
CP-OFDM QPSK	2510	502000	20	1	0	23.54
CP-OFDM QPSK	2510	502000	20	1	105	23.07
CP-OFDM QPSK	2510	502000	20	53	26	23.40
CP-OFDM QPSK	2510	502000	20	106	0	22.32
CP-OFDM 16QAM	2510	502000	20	1	0	22.65
CP-OFDM 16QAM	2510	502000	20	1	105	22.97
CP-OFDM 16QAM	2510	502000	20	53	26	23.58
CP-OFDM 16QAM	2510	502000	20	106	0	22.23
CP-OFDM 64QAM	2510	502000	20	1	0	22.55
CP-OFDM 64QAM	2510	502000	20	1	105	22.88
CP-OFDM 64QAM	2510	502000	20	53	26	22.41



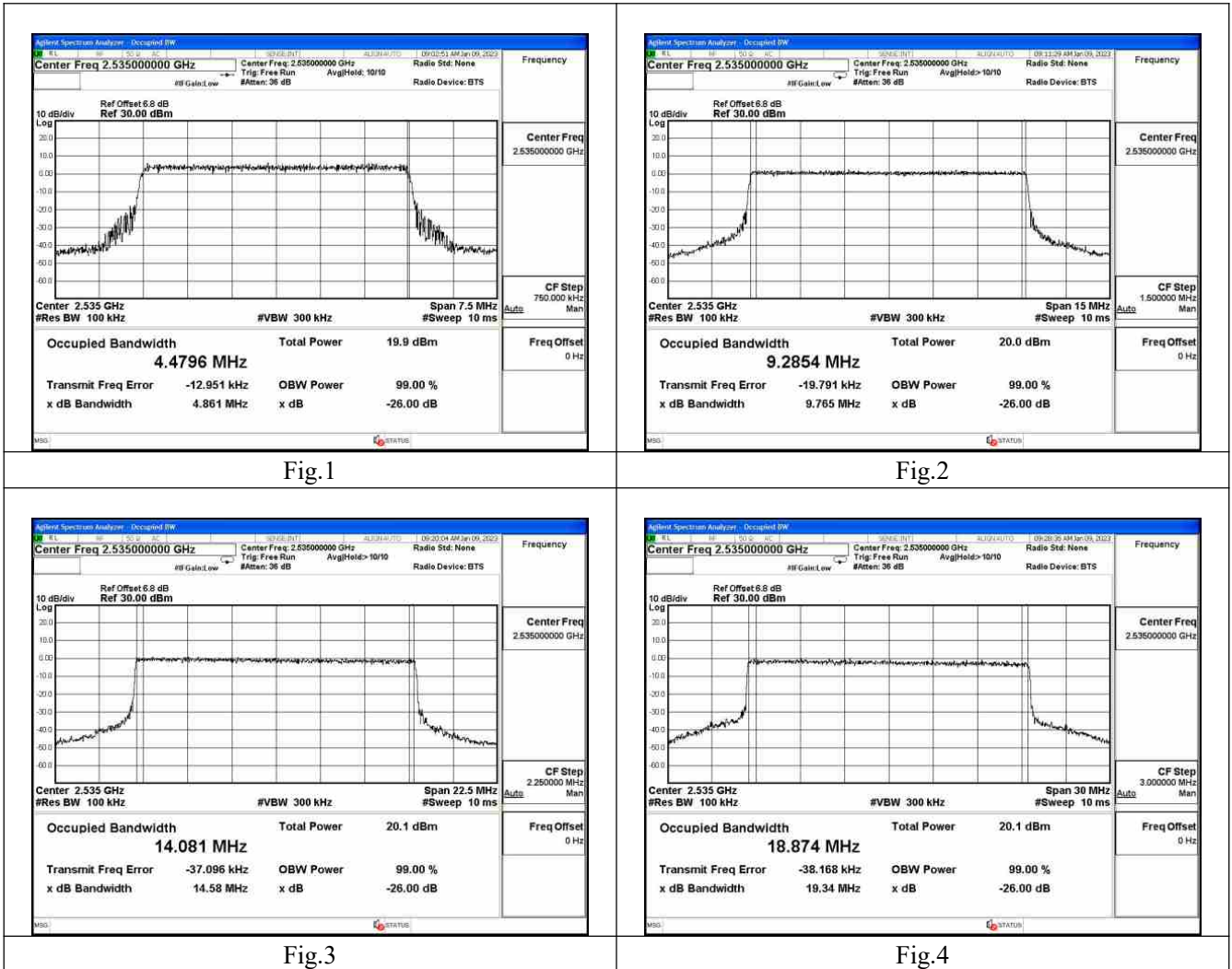
CP-OFDM 64QAM	2510	502000	20	106	0	22.13
CP-OFDM 256QAM	2510	502000	20	1	0	23.34
CP-OFDM 256QAM	2510	502000	20	1	105	23.67
CP-OFDM 256QAM	2510	502000	20	53	26	22.31
CP-OFDM 256QAM	2510	502000	20	106	0	22.92
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	0	22.41
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	105	22.74
DFT-s-OFDM PI/2 BPSK	2535	507000	20	50	25	23.07
DFT-s-OFDM PI/2 BPSK	2535	507000	20	100	0	23.40
DFT-s-OFDM QPSK	2535	507000	20	1	0	22.92
DFT-s-OFDM QPSK	2535	507000	20	1	105	22.17
DFT-s-OFDM QPSK	2535	507000	20	50	25	23.58
DFT-s-OFDM QPSK	2535	507000	20	100	0	22.23
DFT-s-OFDM 16QAM	2535	507000	20	1	0	23.43
DFT-s-OFDM 16QAM	2535	507000	20	1	105	22.08
DFT-s-OFDM 16QAM	2535	507000	20	50	25	22.41
DFT-s-OFDM 16QAM	2535	507000	20	100	0	22.74
DFT-s-OFDM 64QAM	2535	507000	20	1	0	22.26
DFT-s-OFDM 64QAM	2535	507000	20	1	105	22.59
DFT-s-OFDM 64QAM	2535	507000	20	50	25	22.92
DFT-s-OFDM 64QAM	2535	507000	20	100	0	23.25
DFT-s-OFDM 256QAM	2535	507000	20	1	0	22.77
DFT-s-OFDM 256QAM	2535	507000	20	1	105	23.10
DFT-s-OFDM 256QAM	2535	507000	20	50	25	23.43
DFT-s-OFDM 256QAM	2535	507000	20	100	0	22.08
CP-OFDM QPSK	2535	507000	20	1	0	23.28
CP-OFDM QPSK	2535	507000	20	1	105	23.61
CP-OFDM QPSK	2535	507000	20	53	26	22.26
CP-OFDM QPSK	2535	507000	20	106	0	22.58
CP-OFDM 16QAM	2535	507000	20	1	0	22.11
CP-OFDM 16QAM	2535	507000	20	1	105	22.44
CP-OFDM 16QAM	2535	507000	20	53	26	22.77
CP-OFDM 16QAM	2535	507000	20	106	0	23.09
CP-OFDM 64QAM	2535	507000	20	1	0	22.62
CP-OFDM 64QAM	2535	507000	20	1	105	22.95
CP-OFDM 64QAM	2535	507000	20	53	26	23.55
CP-OFDM 64QAM	2535	507000	20	106	0	22.20
CP-OFDM 256QAM	2535	507000	20	1	0	22.53
CP-OFDM 256QAM	2535	507000	20	1	105	22.85
CP-OFDM 256QAM	2535	507000	20	53	26	22.38
CP-OFDM 256QAM	2535	507000	20	106	0	22.71
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	22.80
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	105	23.13
DFT-s-OFDM PI/2 BPSK	2560	512000	20	50	25	23.45
DFT-s-OFDM PI/2 BPSK	2560	512000	20	100	0	22.10
DFT-s-OFDM QPSK	2560	512000	20	1	0	23.31

DFT-s-OFDM QPSK	2560	512000	20	1	105	23.36
DFT-s-OFDM QPSK	2560	512000	20	50	25	22.89
DFT-s-OFDM QPSK	2560	512000	20	100	0	23.21
DFT-s-OFDM 16QAM	2560	512000	20	1	0	23.54
DFT-s-OFDM 16QAM	2560	512000	20	1	105	22.19
DFT-s-OFDM 16QAM	2560	512000	20	50	25	23.39
DFT-s-OFDM 16QAM	2560	512000	20	100	0	22.65
DFT-s-OFDM 64QAM	2560	512000	20	1	0	22.97
DFT-s-OFDM 64QAM	2560	512000	20	1	105	23.30
DFT-s-OFDM 64QAM	2560	512000	20	50	25	23.63
DFT-s-OFDM 64QAM	2560	512000	20	100	0	23.15
DFT-s-OFDM 256QAM	2560	512000	20	1	0	23.48
DFT-s-OFDM 256QAM	2560	512000	20	1	105	22.13
DFT-s-OFDM 256QAM	2560	512000	20	50	25	23.06
DFT-s-OFDM 256QAM	2560	512000	20	100	0	23.39
CP-OFDM QPSK	2560	512000	20	1	0	22.04
CP-OFDM QPSK	2560	512000	20	1	105	23.24
CP-OFDM QPSK	2560	512000	20	53	26	23.57
CP-OFDM QPSK	2560	512000	20	106	0	22.22
CP-OFDM 16QAM	2560	512000	20	1	0	22.55
CP-OFDM 16QAM	2560	512000	20	1	105	23.48
CP-OFDM 16QAM	2560	512000	20	53	26	23.00
CP-OFDM 16QAM	2560	512000	20	106	0	23.33
CP-OFDM 64QAM	2560	512000	20	1	0	23.66
CP-OFDM 64QAM	2560	512000	20	1	105	22.31
CP-OFDM 64QAM	2560	512000	20	53	26	23.24
CP-OFDM 64QAM	2560	512000	20	106	0	23.56
CP-OFDM 256QAM	2560	512000	20	1	0	23.09
CP-OFDM 256QAM	2560	512000	20	1	105	23.42
CP-OFDM 256QAM	2560	512000	20	53	26	22.07
CP-OFDM 256QAM	2560	512000	20	106	0	22.39

## 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 QPSK	2535	507000	10	52	0	9.280	Fig.2
CP-OFDM QPSK	2535	507000	15	79	0	14.080	Fig.3
CP-OFDM QPSK	2535	507000	20	106	0	18.880	Fig.4

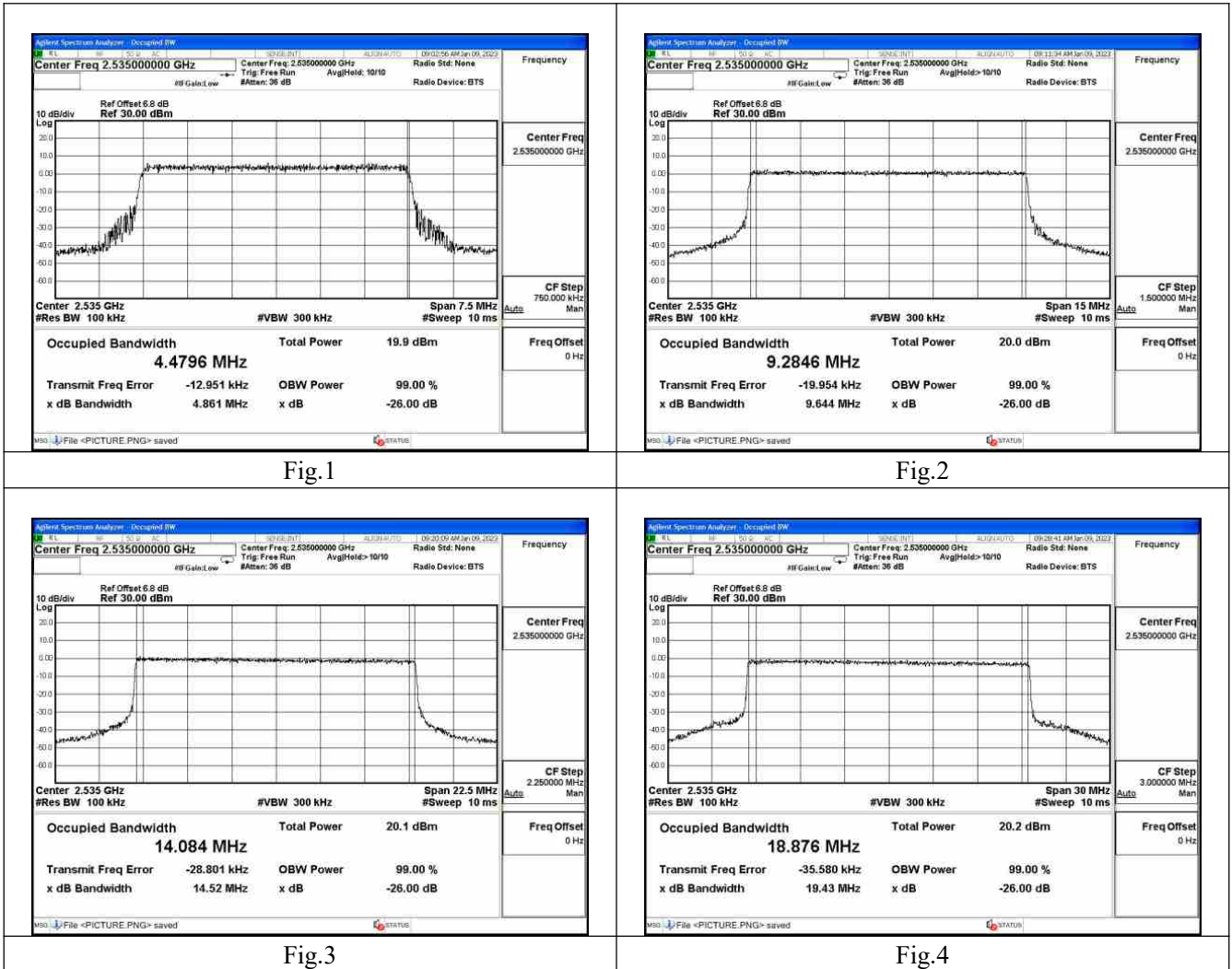
Test Plot:



### 3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	2535	507000	5	25	0	4.860	Fig.1
CP-OFDM QPSK	2535	507000	10	52	0	9.760	Fig.2
CP-OFDM QPSK	2535	507000	15	79	0	14.550	Fig.3
CP-OFDM QPSK	2535	507000	20	106	0	19.530	Fig.4

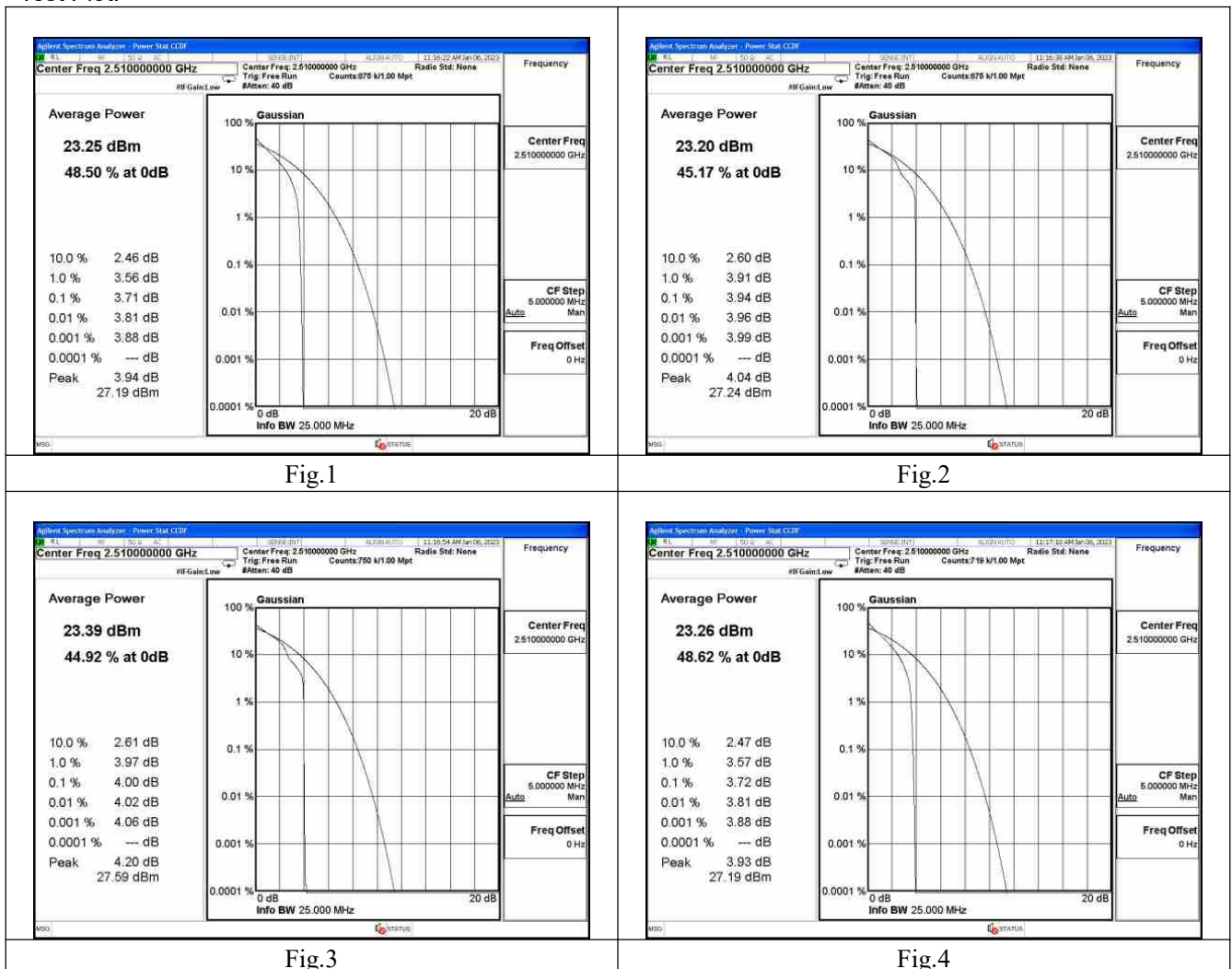
Test Plot:



#### 4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	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:



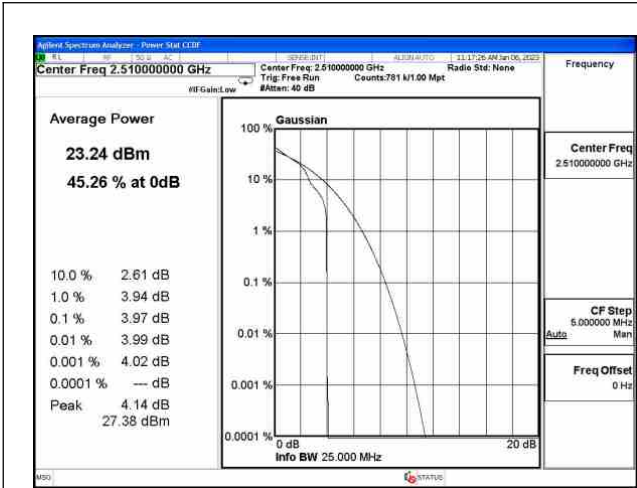


Fig.5

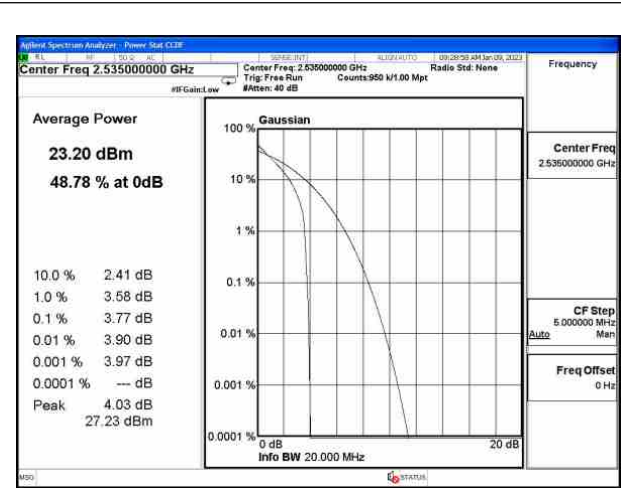


Fig.6

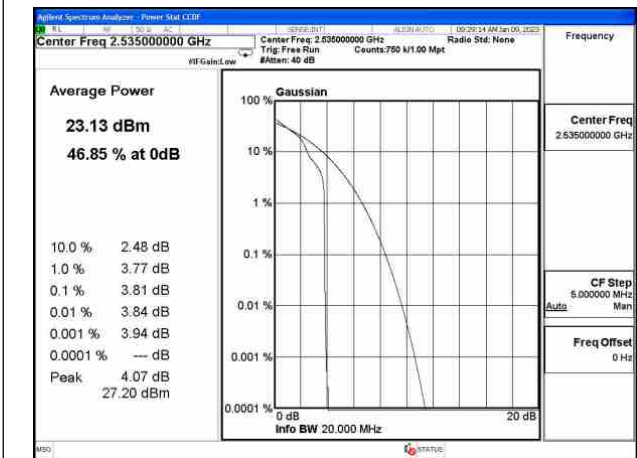


Fig.7

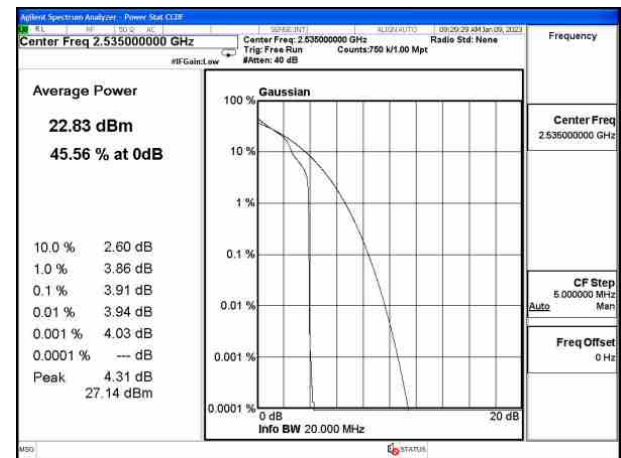


Fig.8

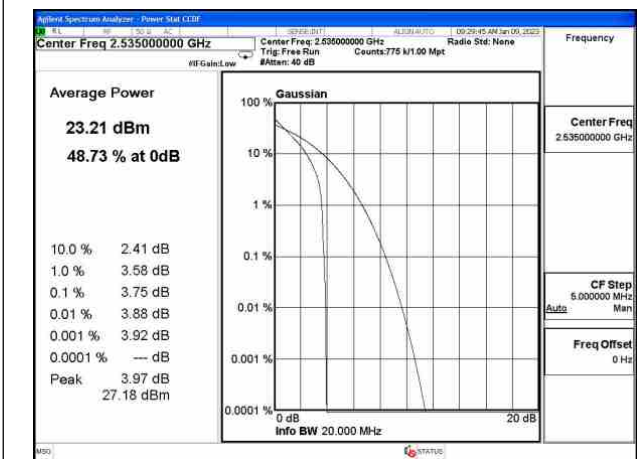


Fig.9

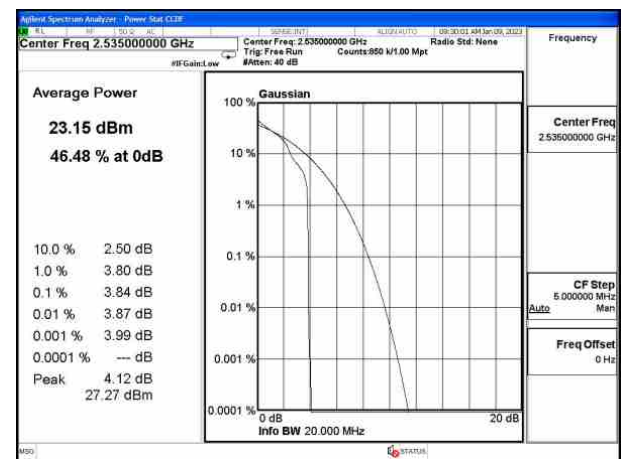


Fig.10

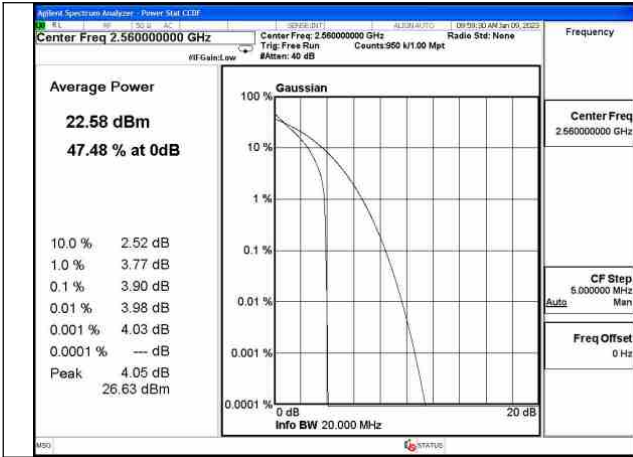


Fig. 11

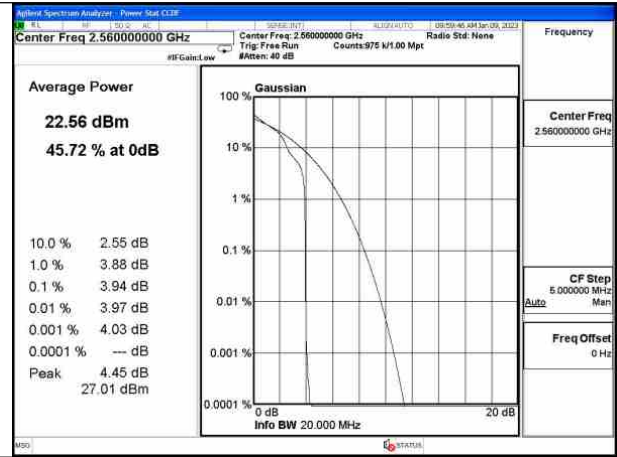


Fig. 12

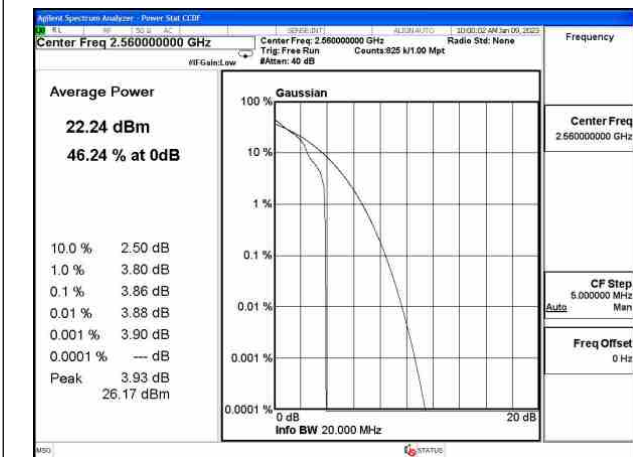


Fig. 13

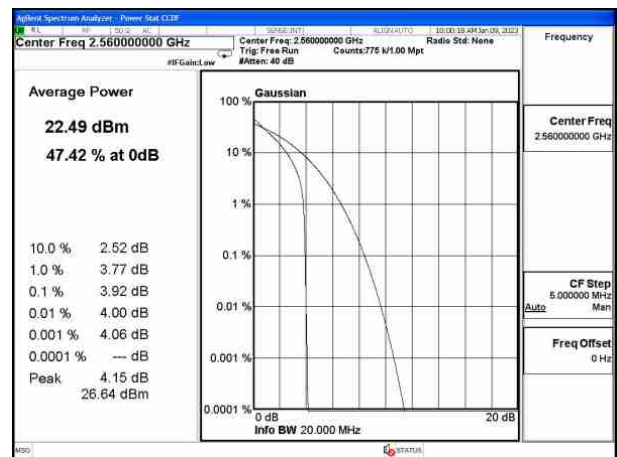


Fig. 14

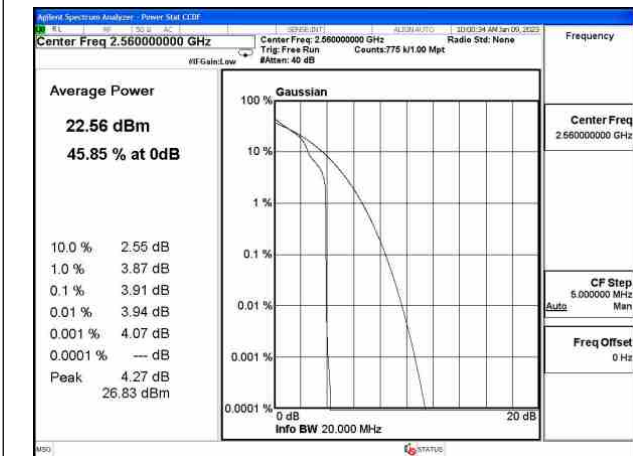


Fig. 15

## 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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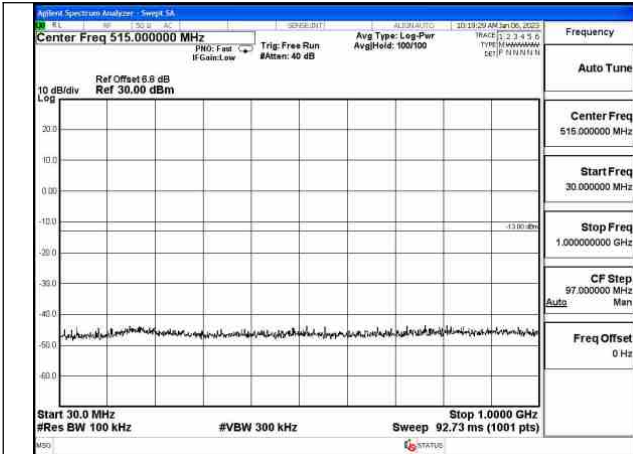


Fig.1

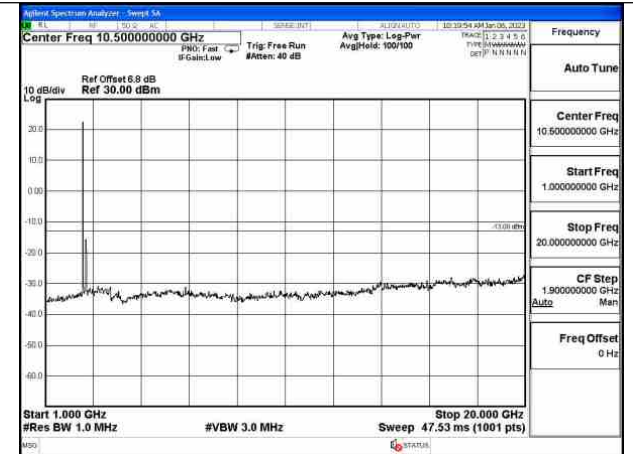


Fig.2



Fig.3

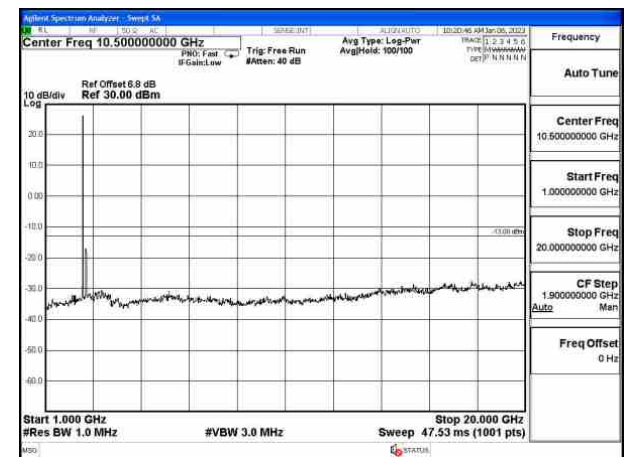


Fig.4

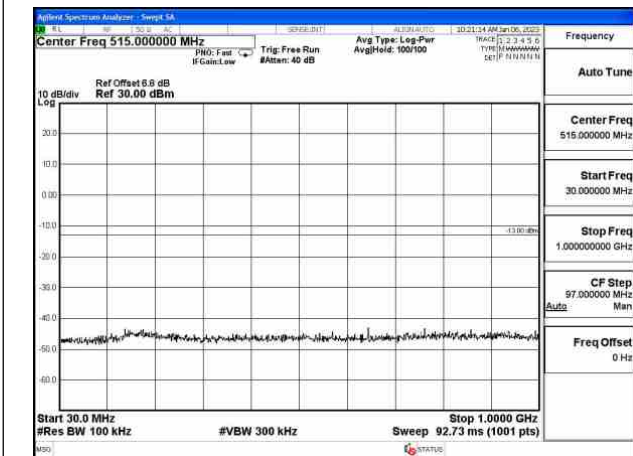


Fig.5

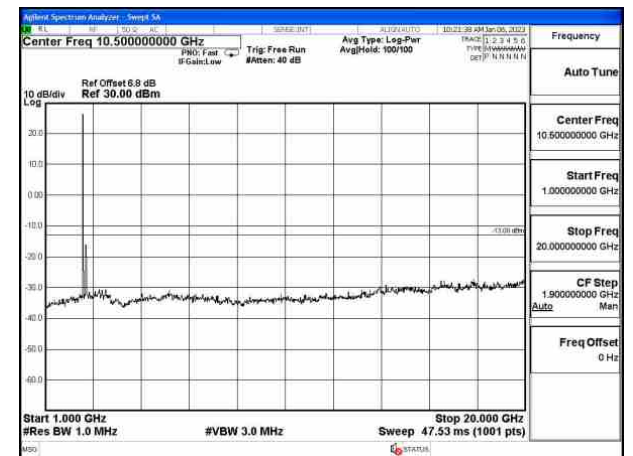


Fig.6

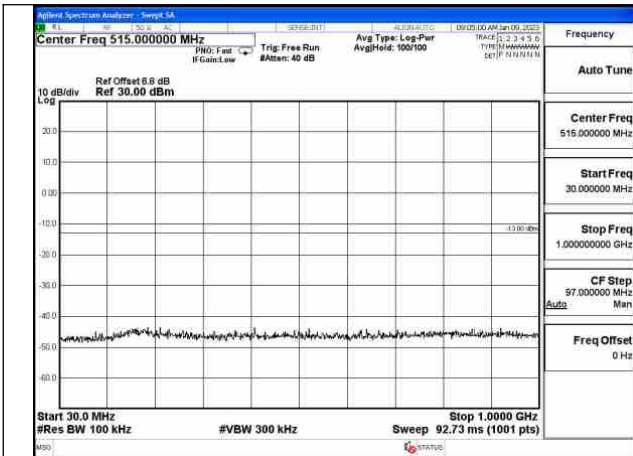


Fig.7

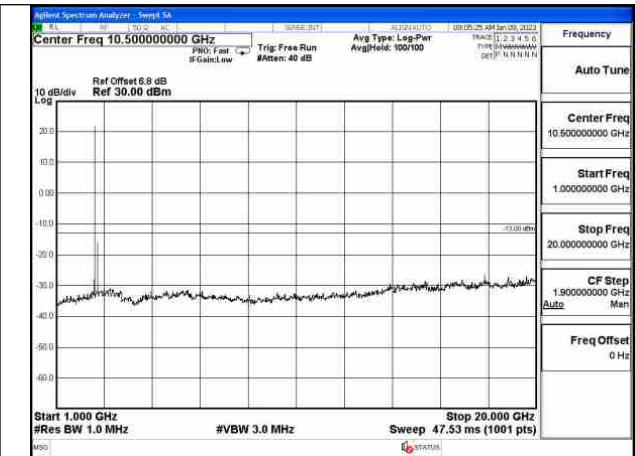


Fig.8

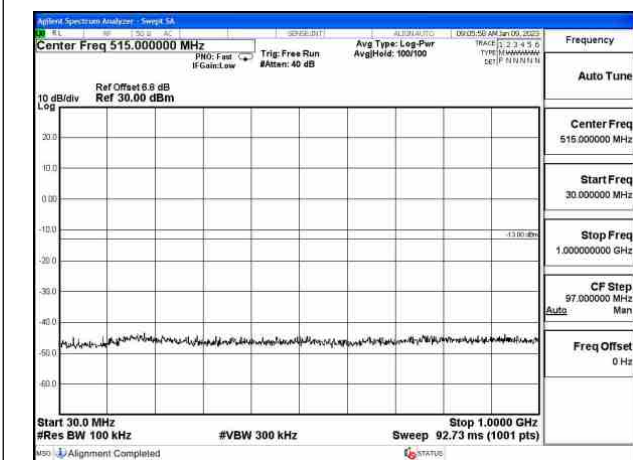


Fig.9

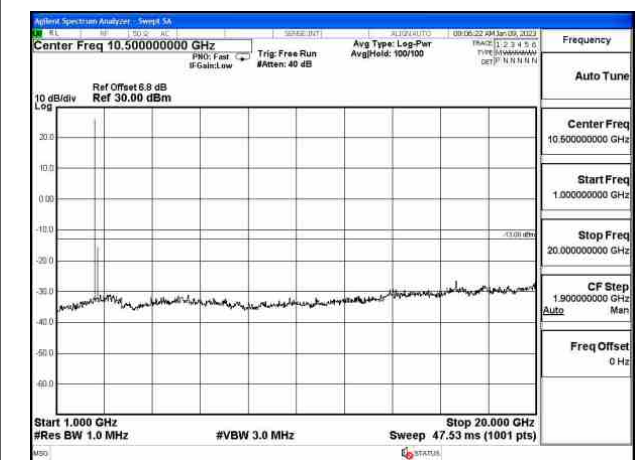


Fig.10



Fig.11

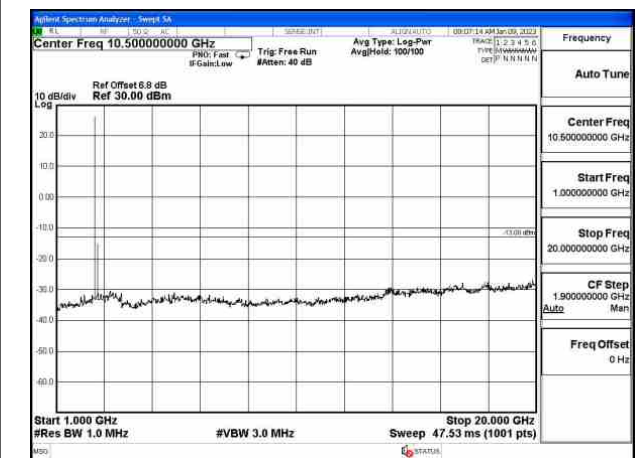


Fig.12



Fig. 13

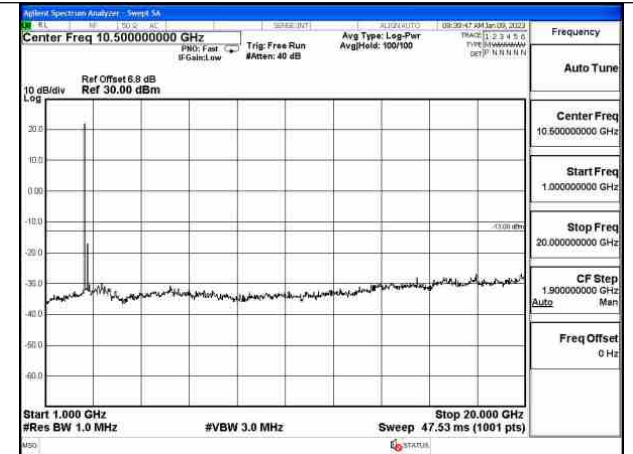


Fig. 14

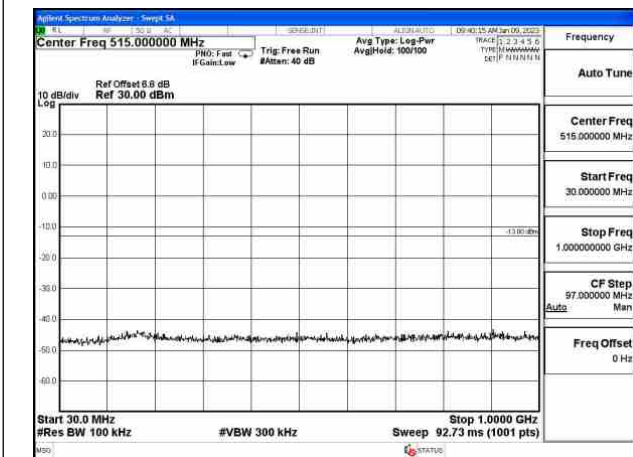


Fig. 15

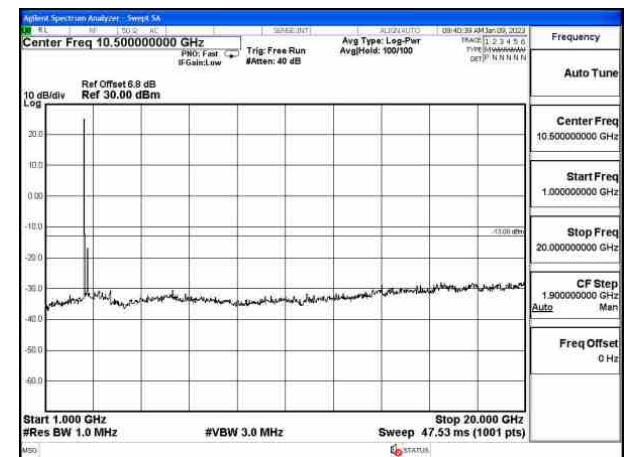


Fig. 16

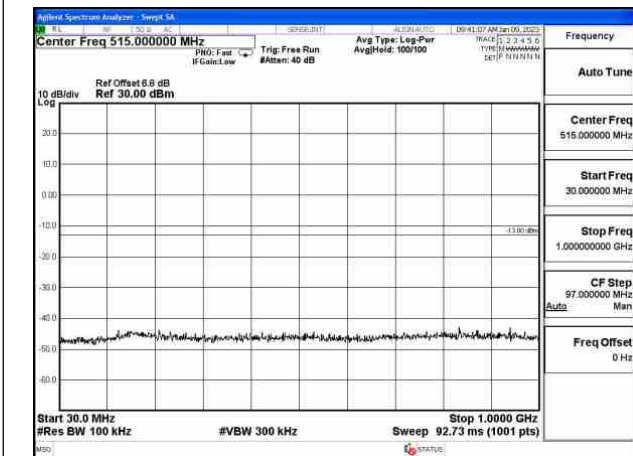


Fig. 17

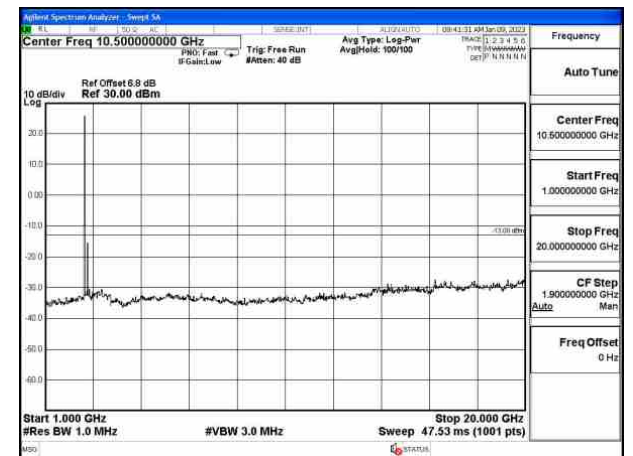


Fig. 18

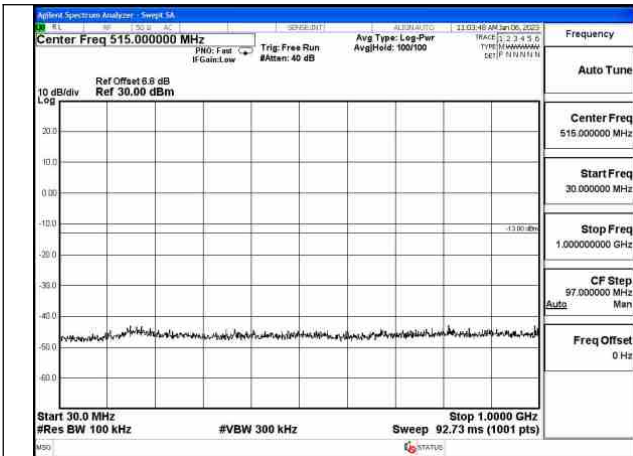


Fig.19

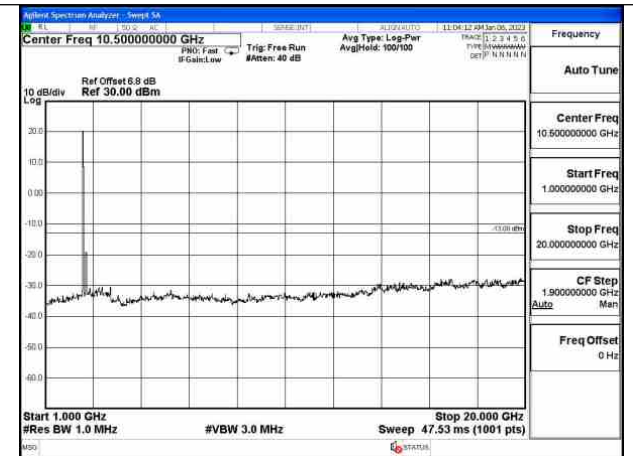


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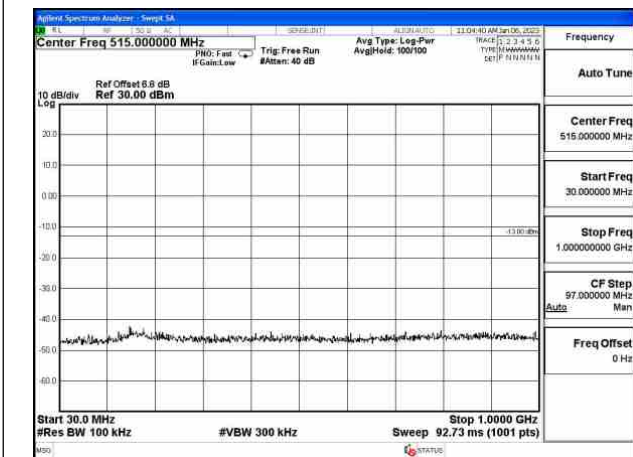


Fig.21

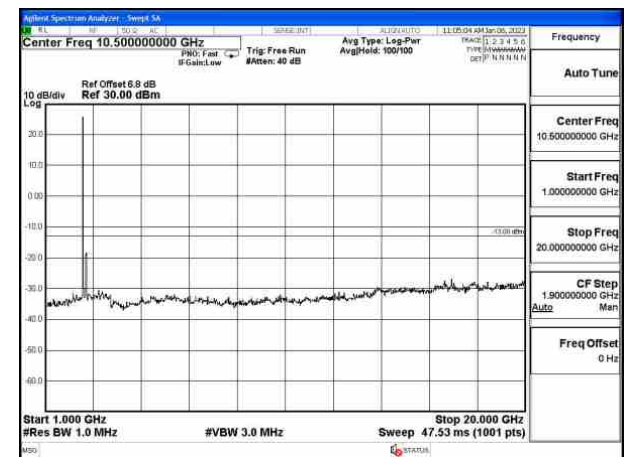


Fig.22



Fig.23

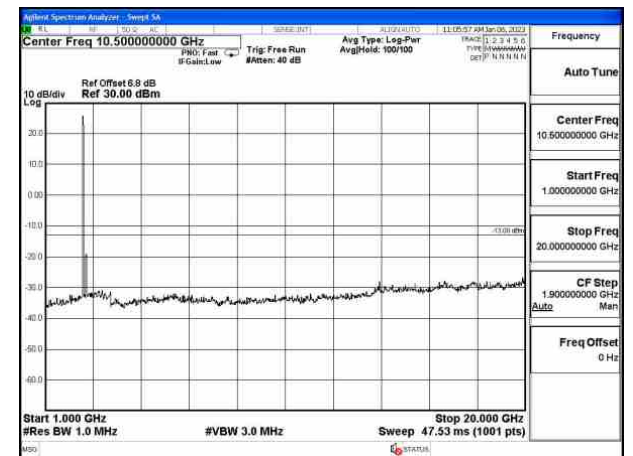


Fig.24

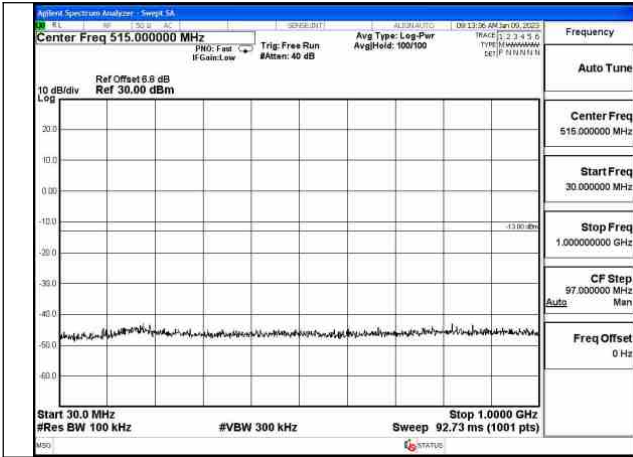


Fig.25

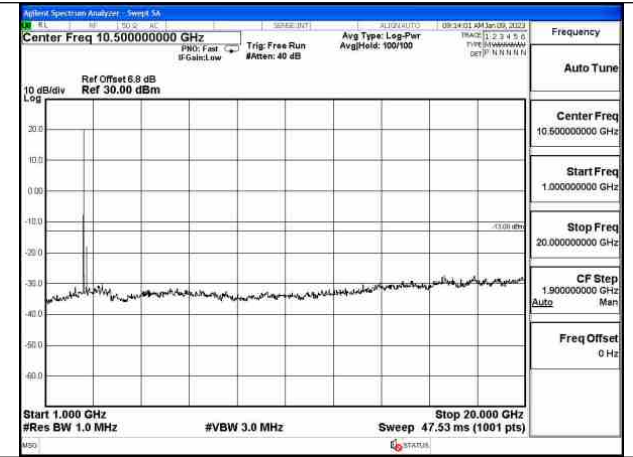


Fig.26



Fig.27

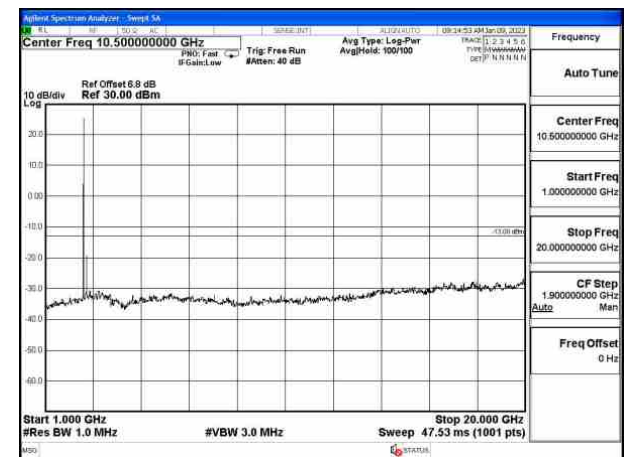


Fig.28

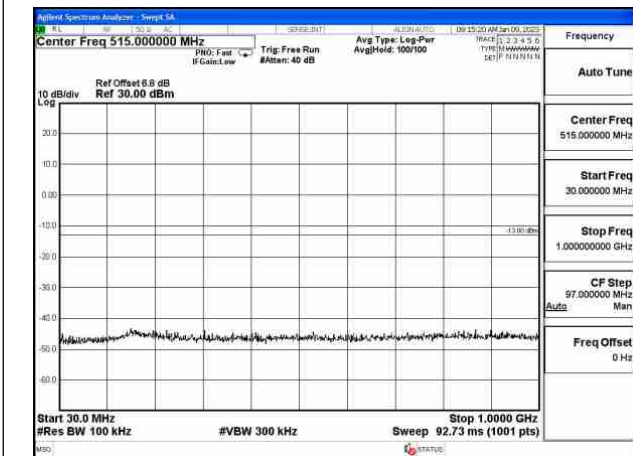


Fig.29

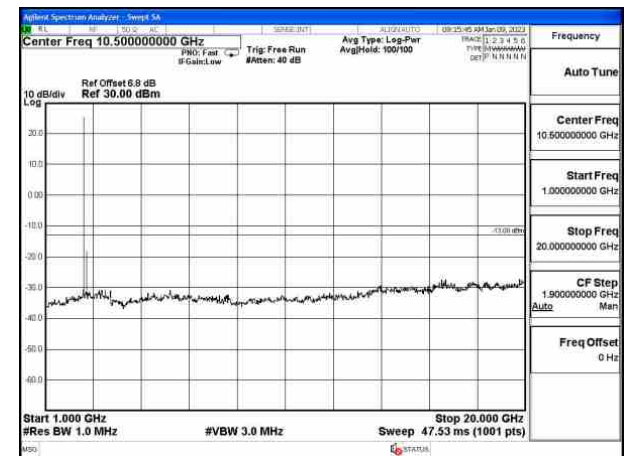


Fig.30

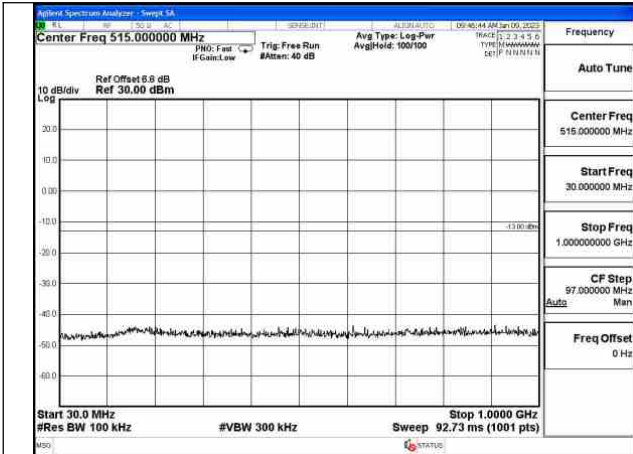


Fig.31

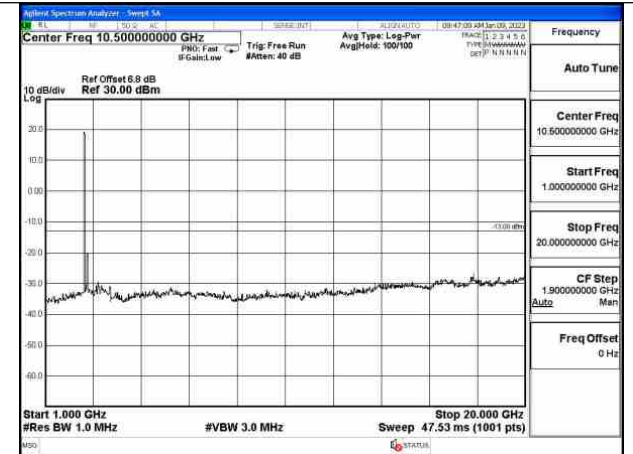


Fig.32

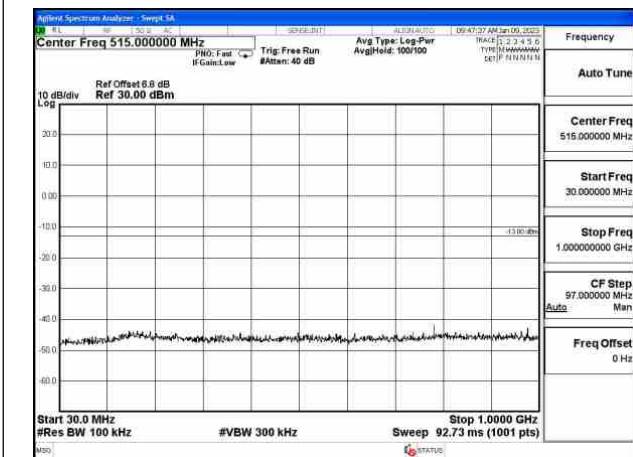


Fig.33



Fig.34

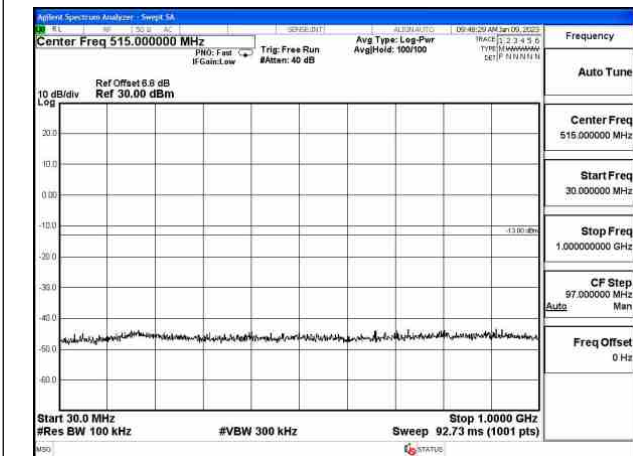


Fig.35

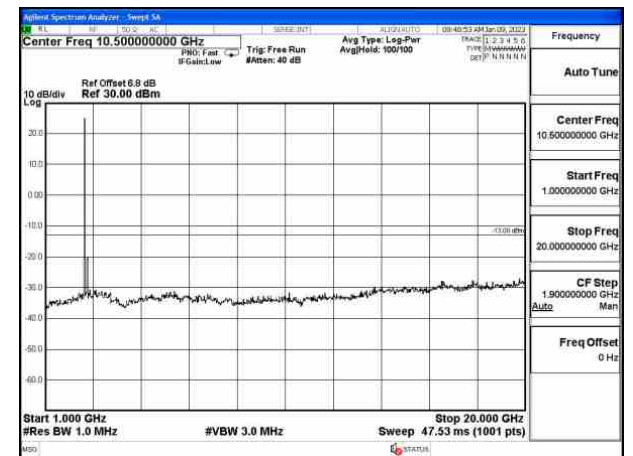


Fig.36



Fig.37

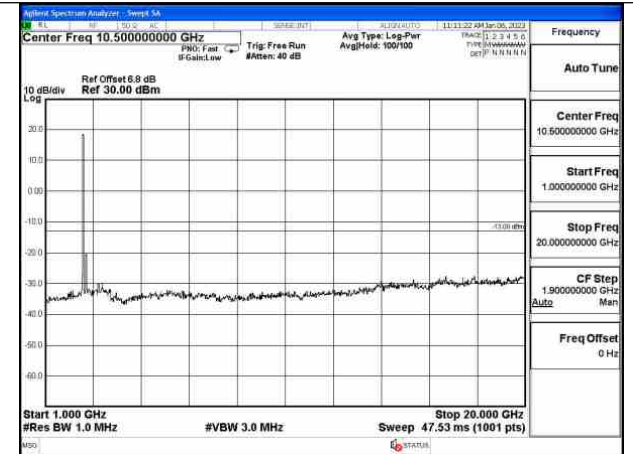


Fig.38

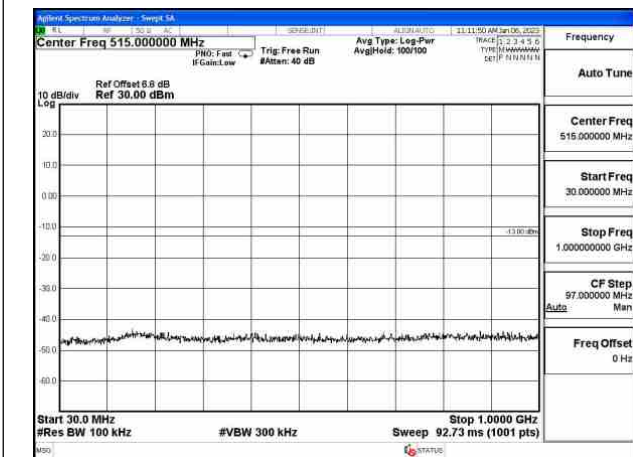


Fig.39

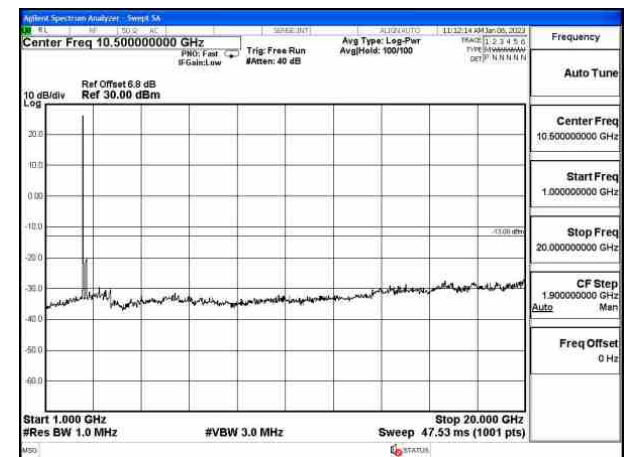


Fig.40

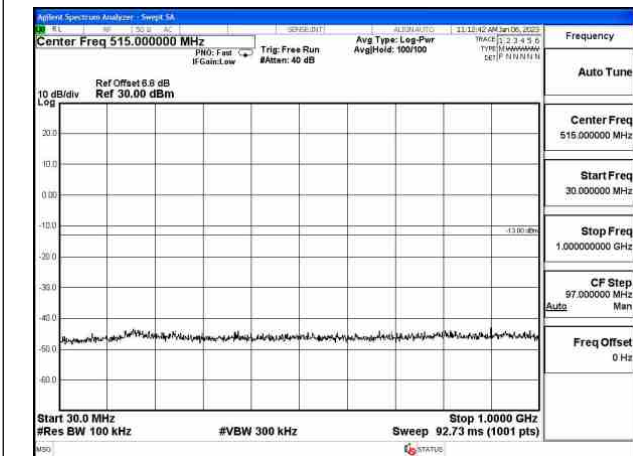


Fig.41

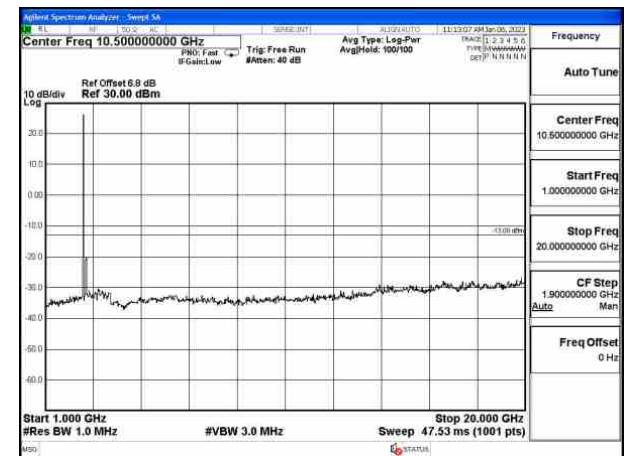


Fig.42

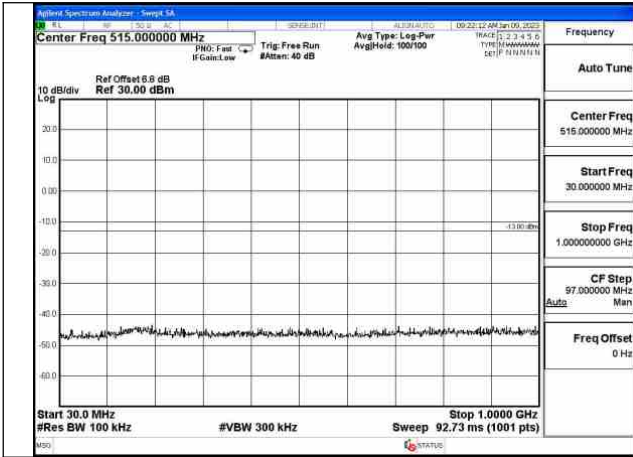


Fig.43

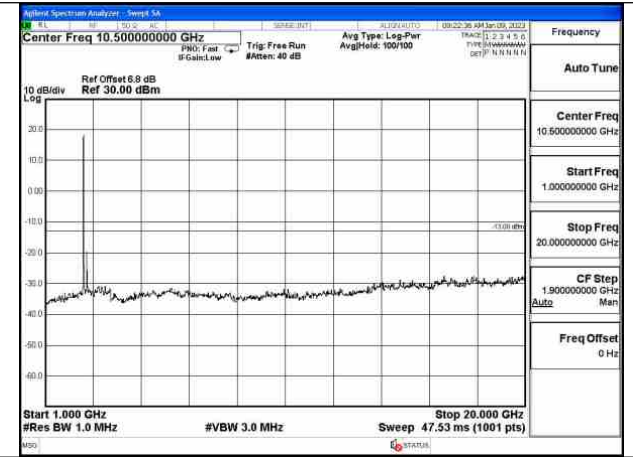


Fig.44



Fig.45

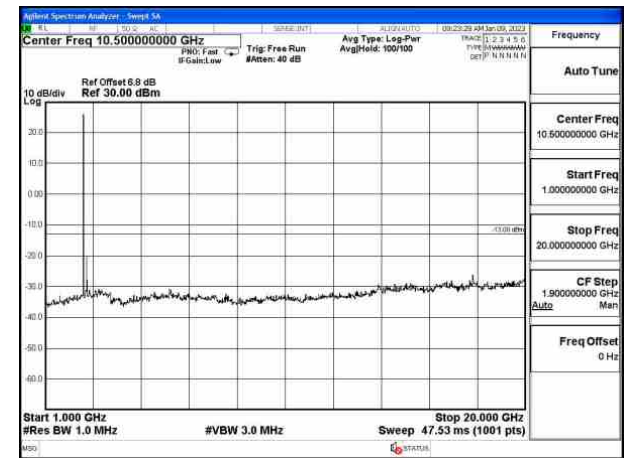


Fig.46

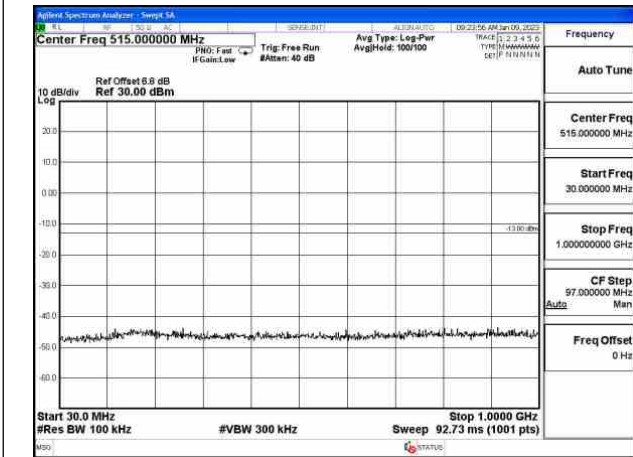


Fig.47

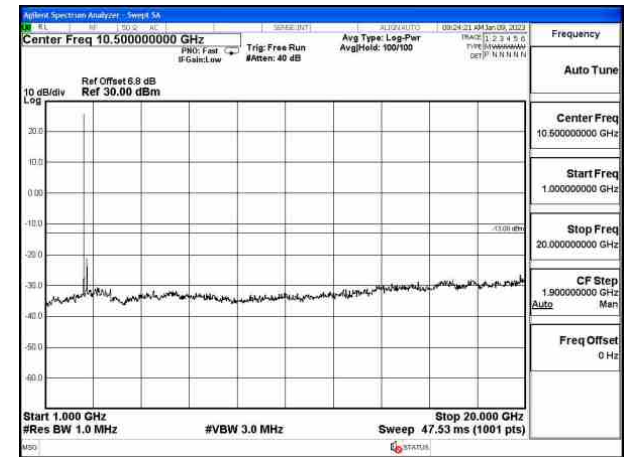


Fig.48



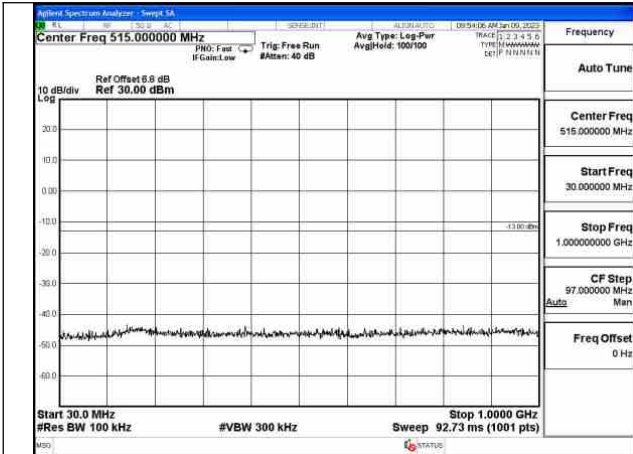


Fig.49

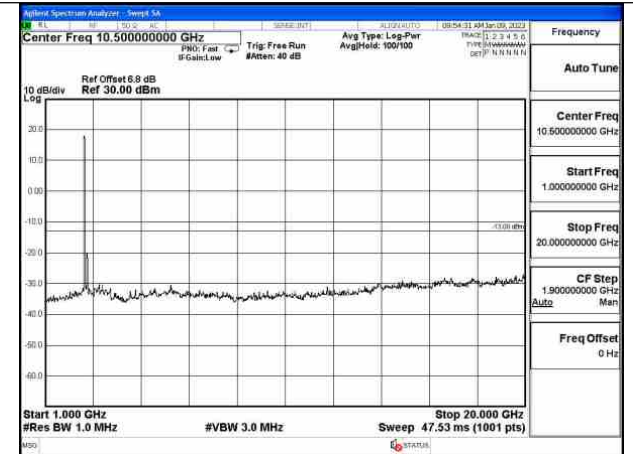


Fig.50



Fig.51

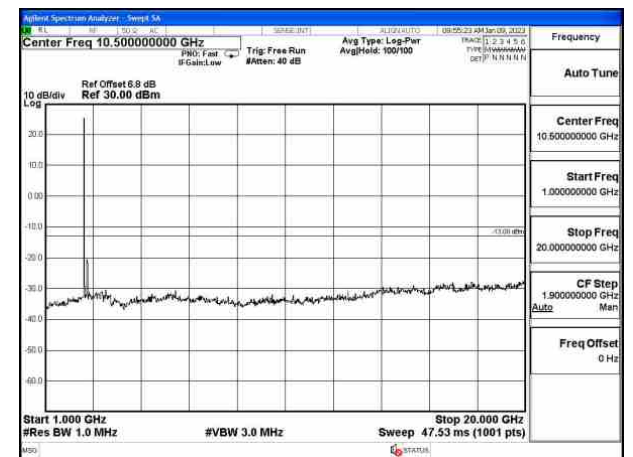


Fig.52

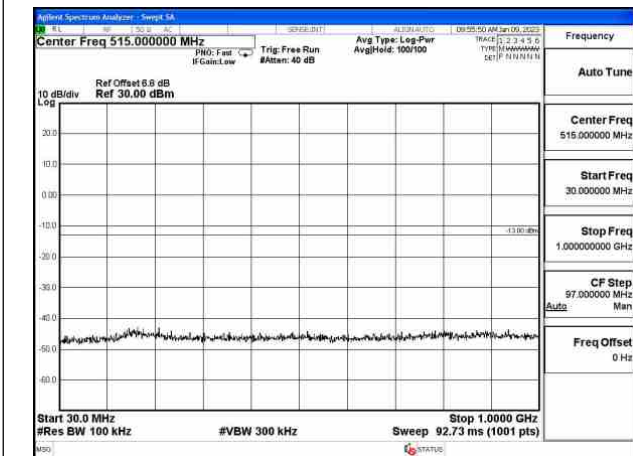


Fig.53

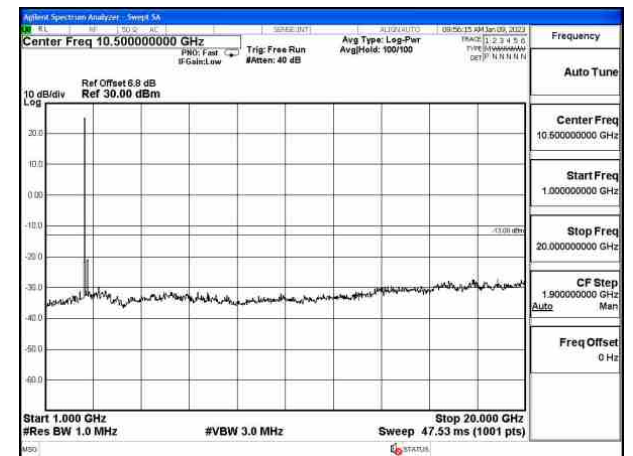


Fig.54

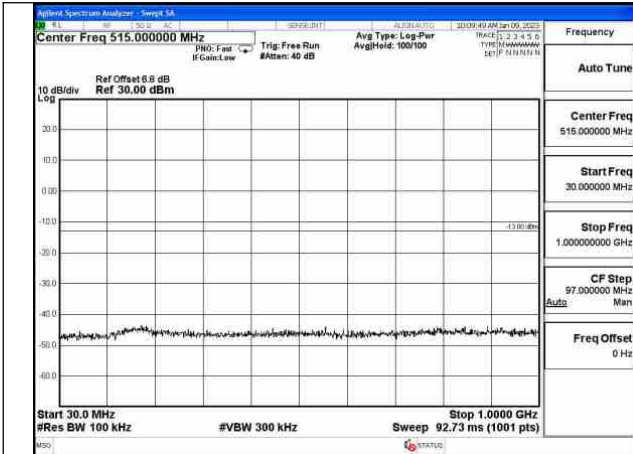


Fig.55

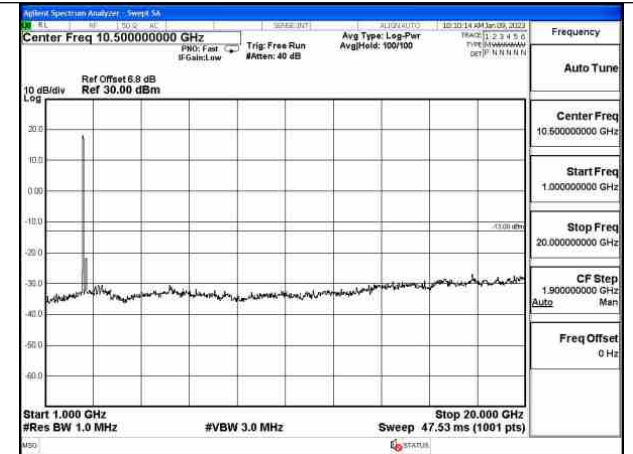


Fig.56



Fig.57

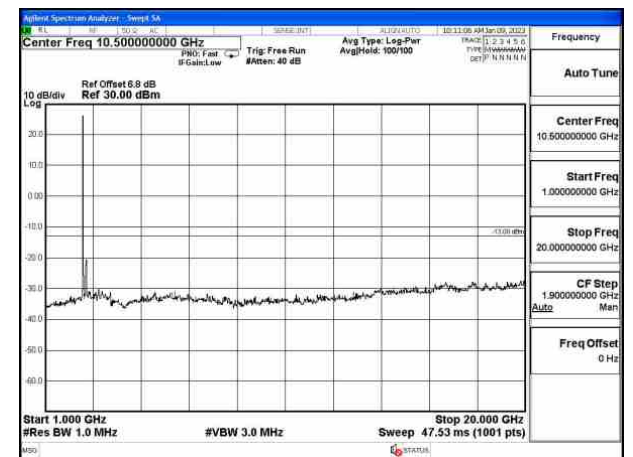


Fig.58

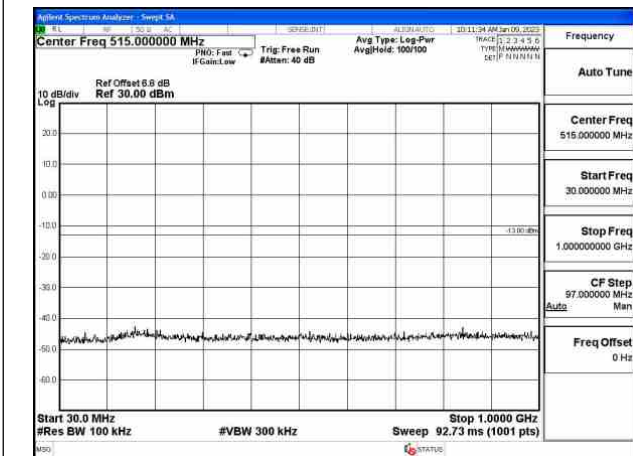


Fig.59

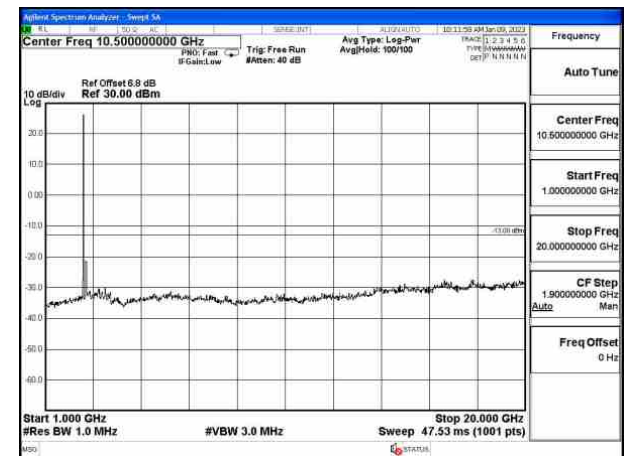


Fig.60

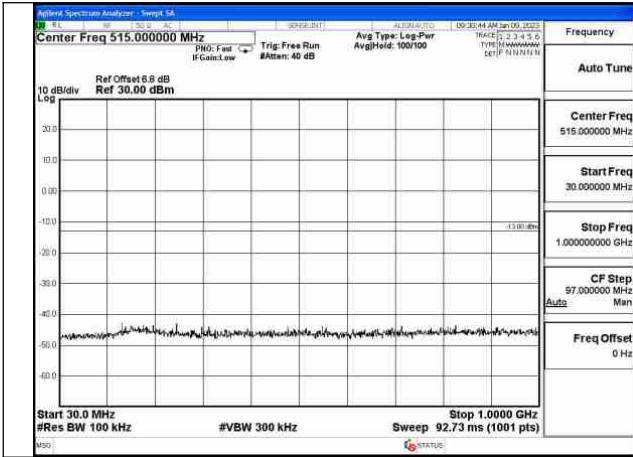


Fig.61

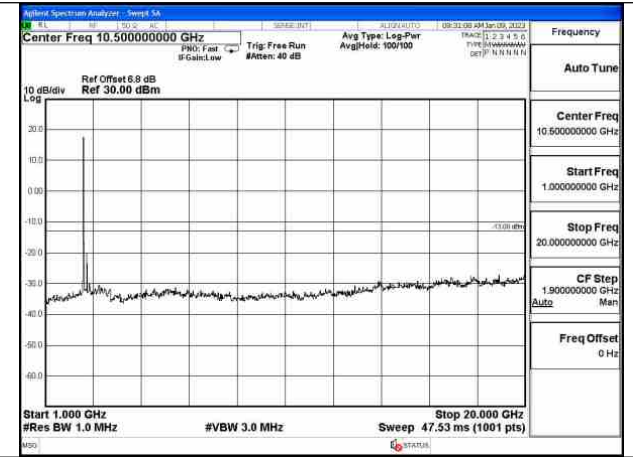


Fig.62

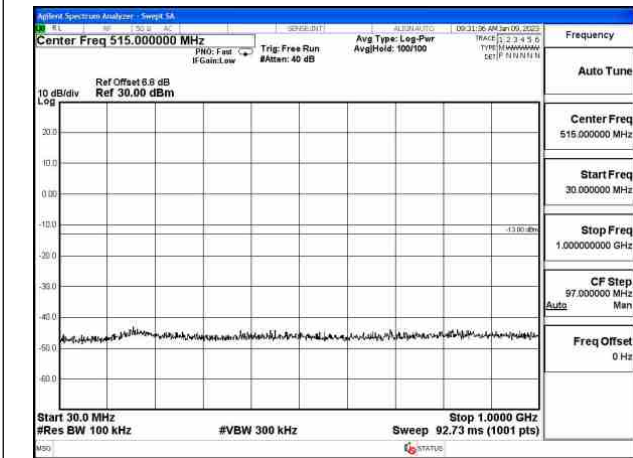


Fig.63

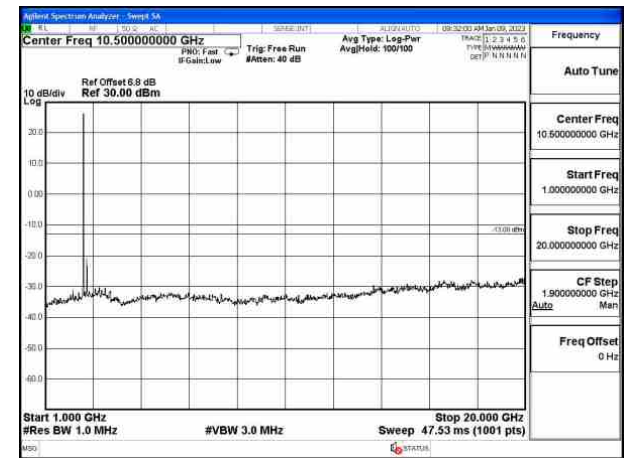


Fig.64

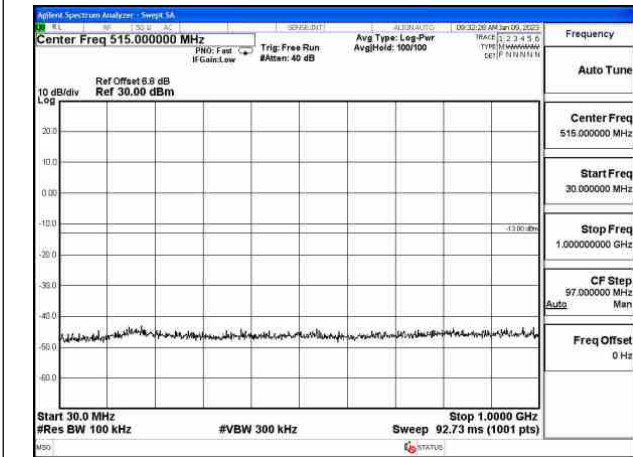


Fig.65

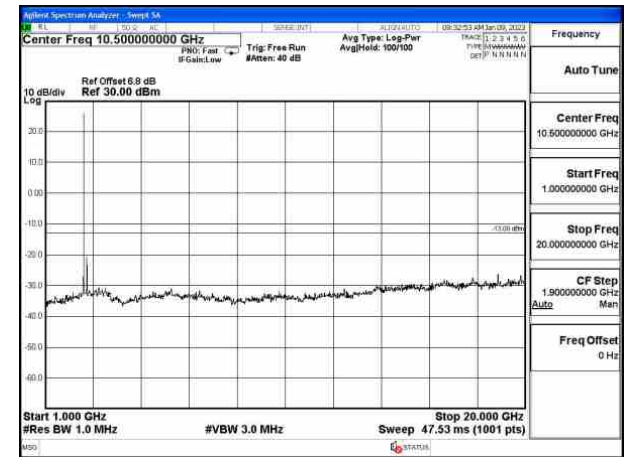


Fig.66

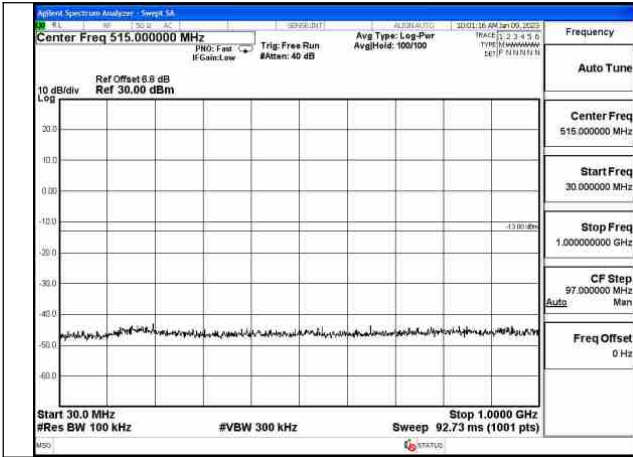


Fig.67

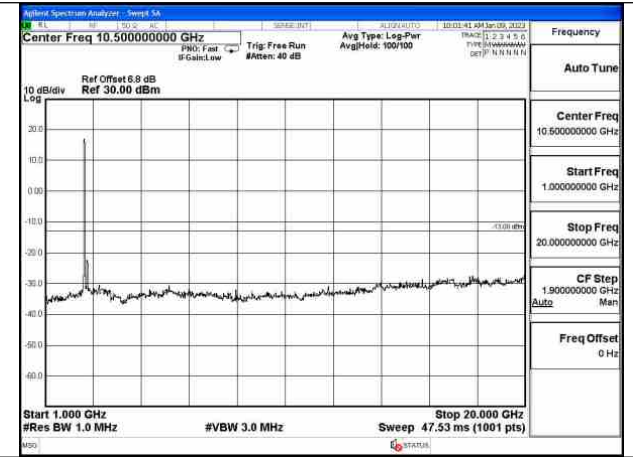


Fig.68

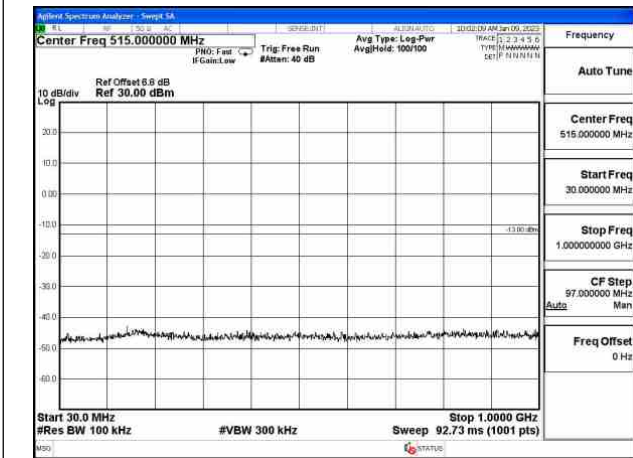


Fig.69

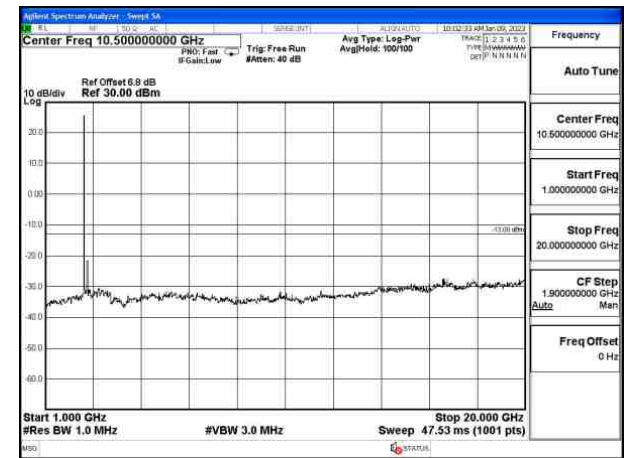


Fig.70

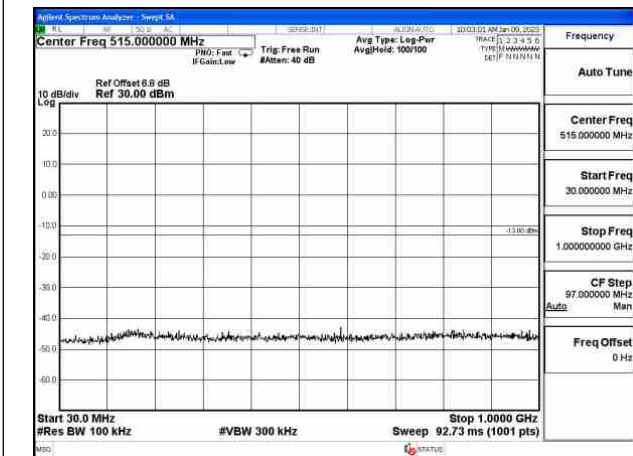


Fig.71

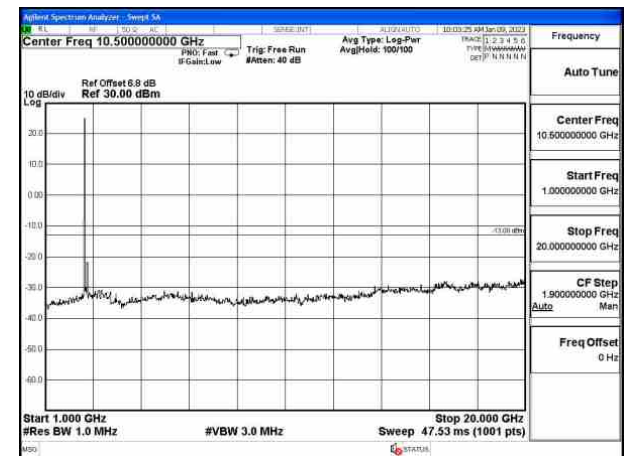


Fig.72

## 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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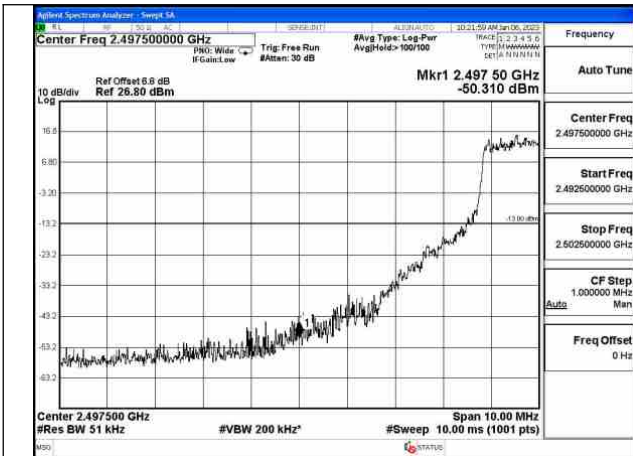


Fig.1

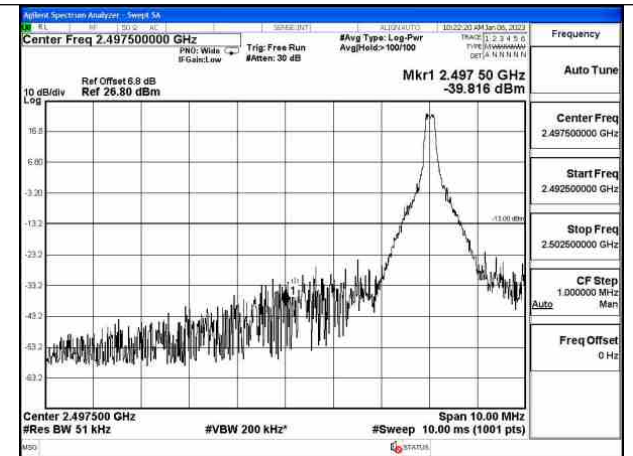


Fig.2

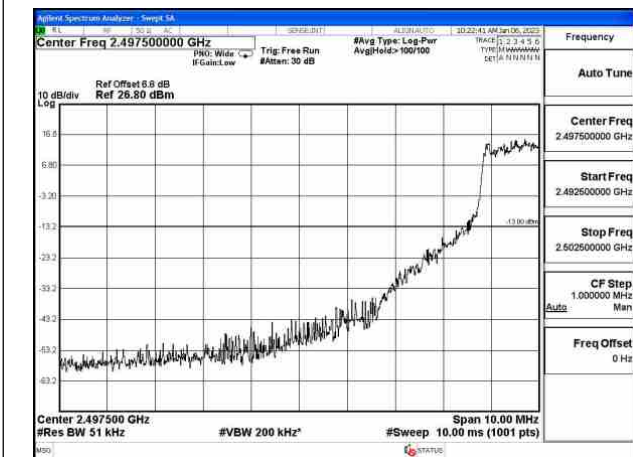


Fig.3

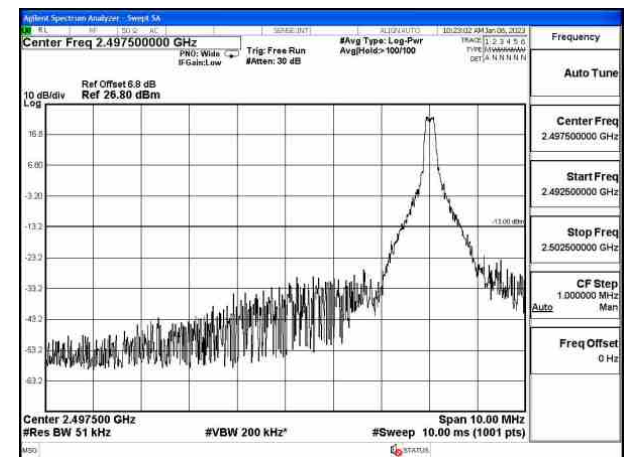


Fig.4

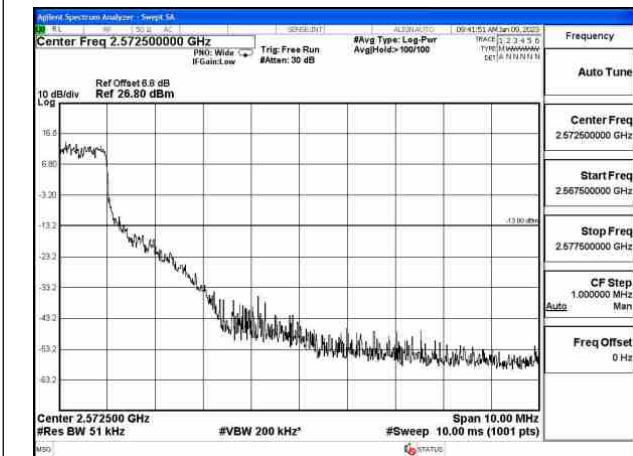


Fig.5

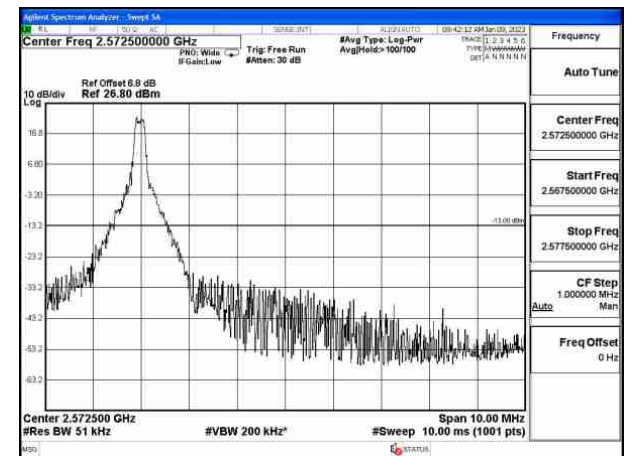


Fig.6

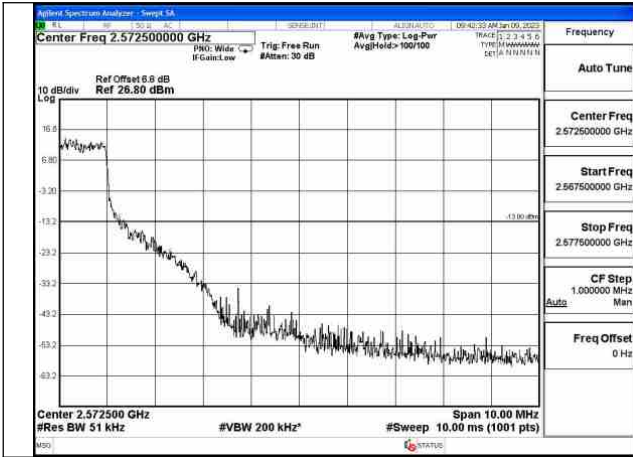


Fig.7

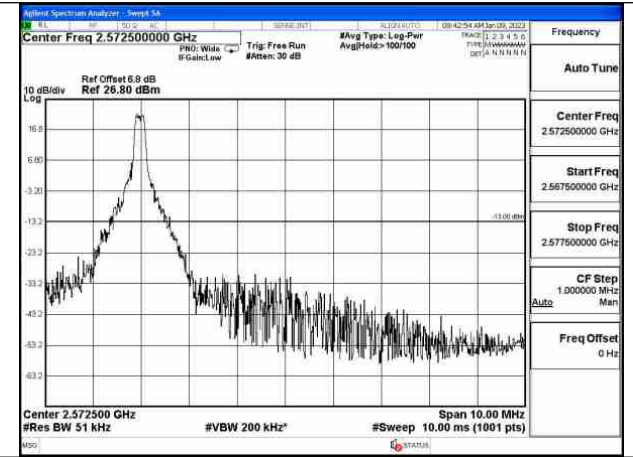


Fig.8

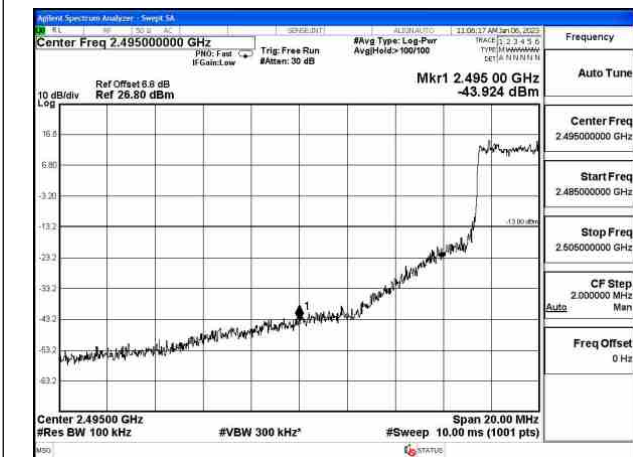


Fig.9

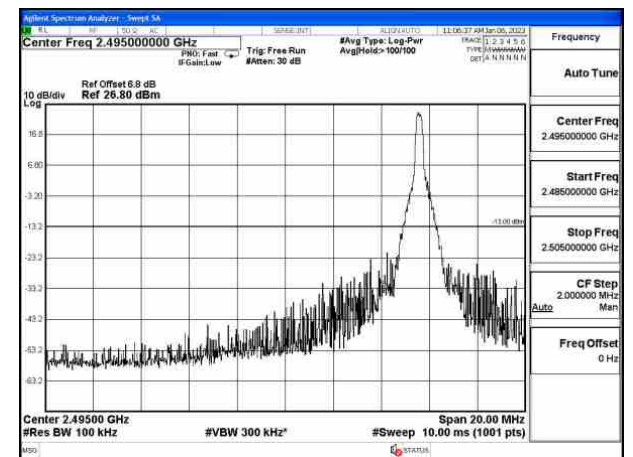


Fig.10

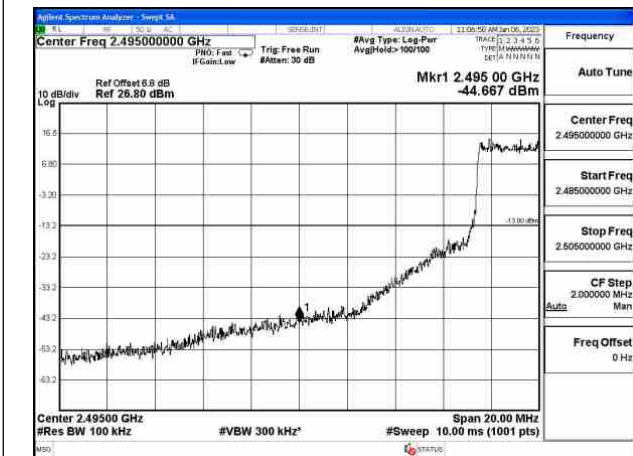


Fig.11

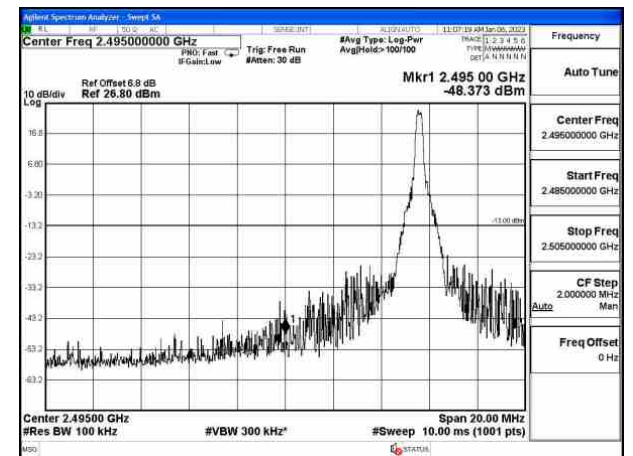


Fig.12

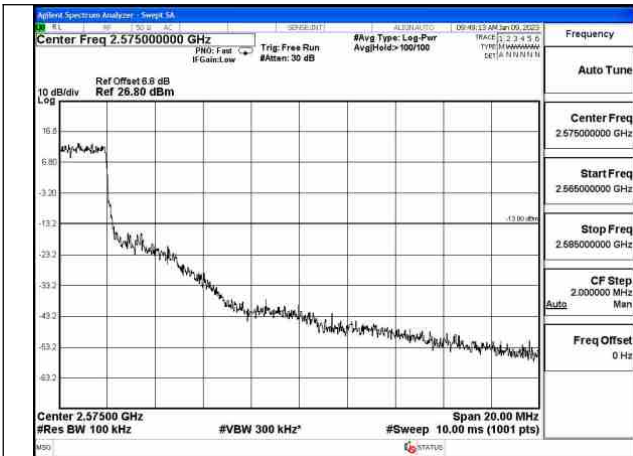


Fig. 13

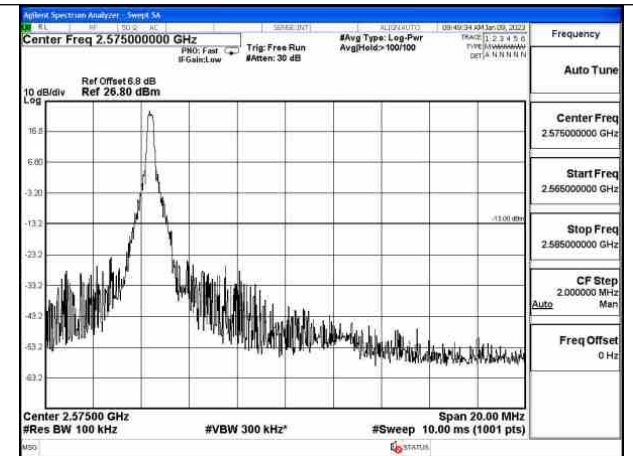


Fig. 14

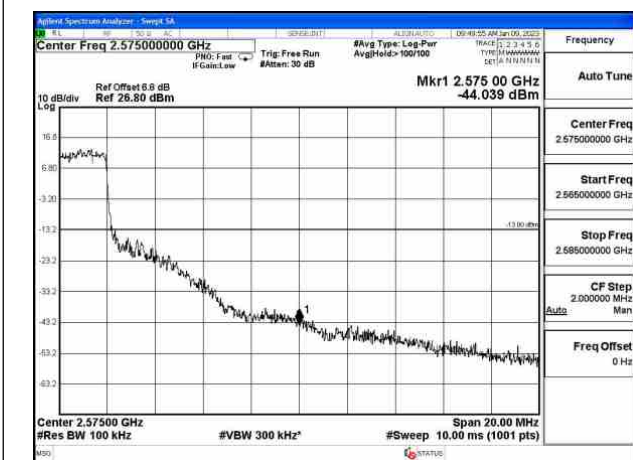


Fig. 15

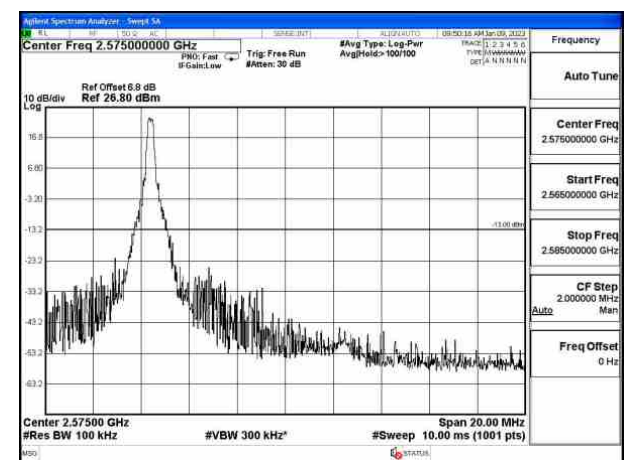


Fig. 16

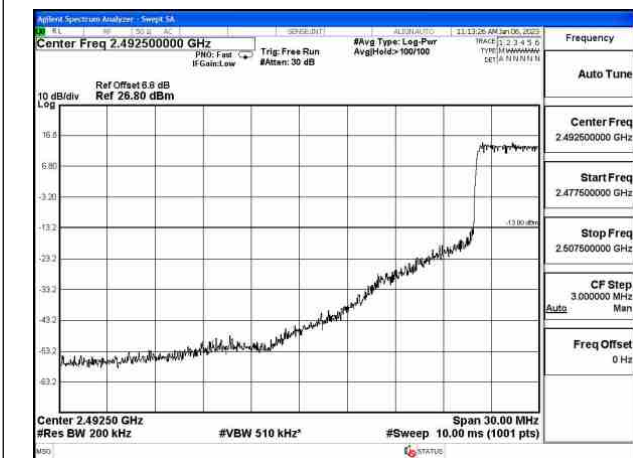


Fig. 17

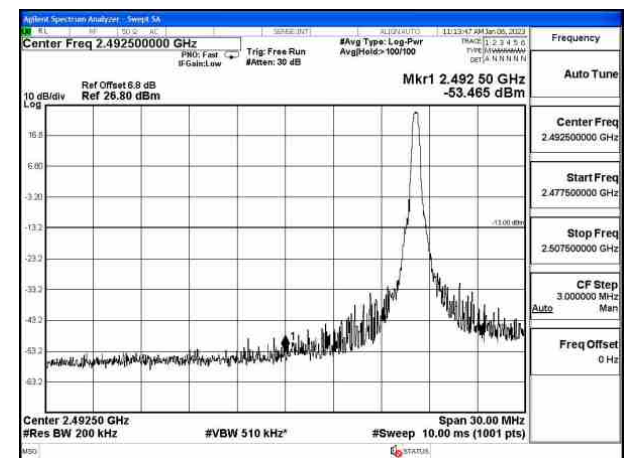


Fig. 18



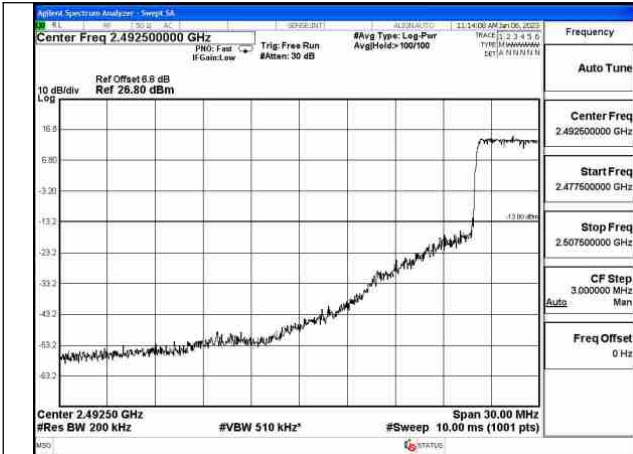


Fig.19

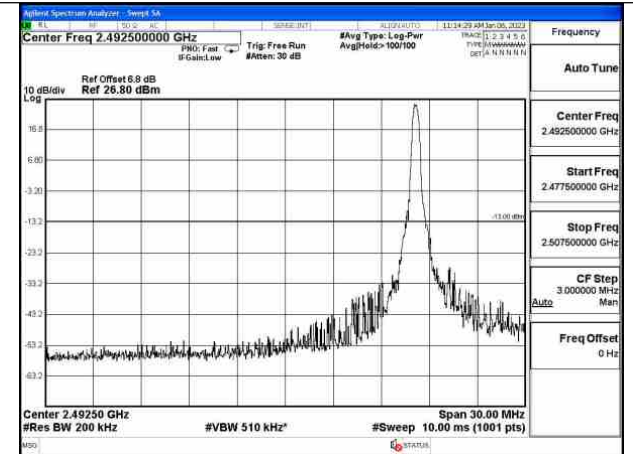


Fig.20

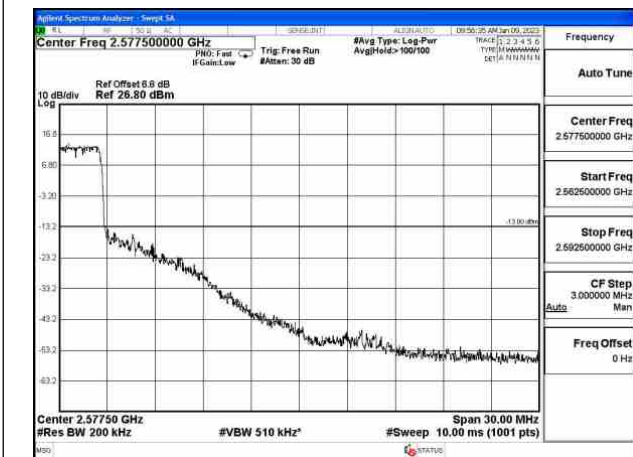


Fig.21

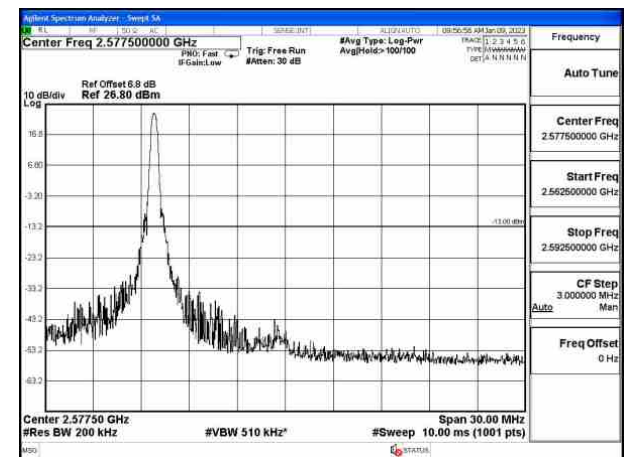


Fig.22

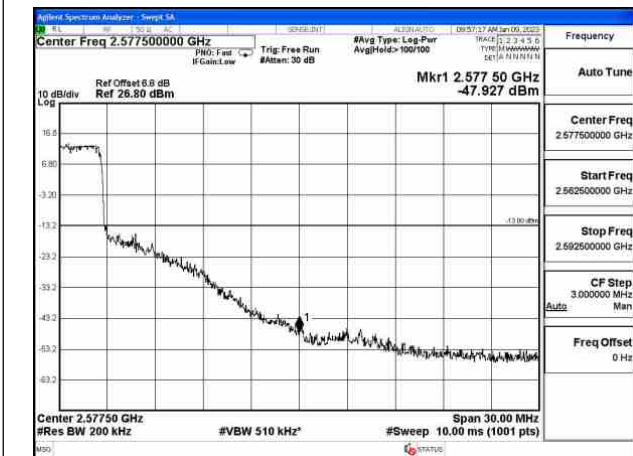


Fig.23

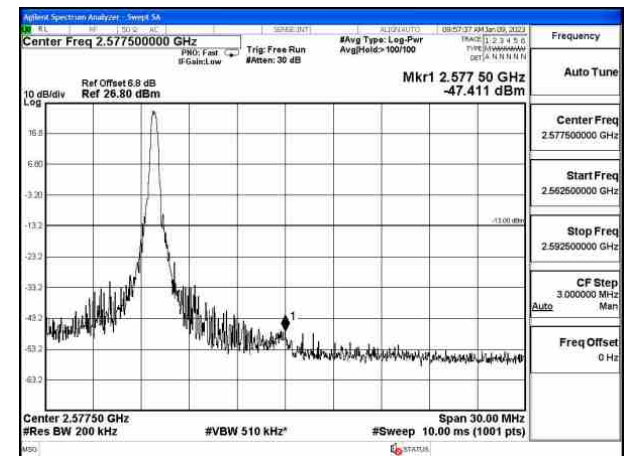


Fig.24

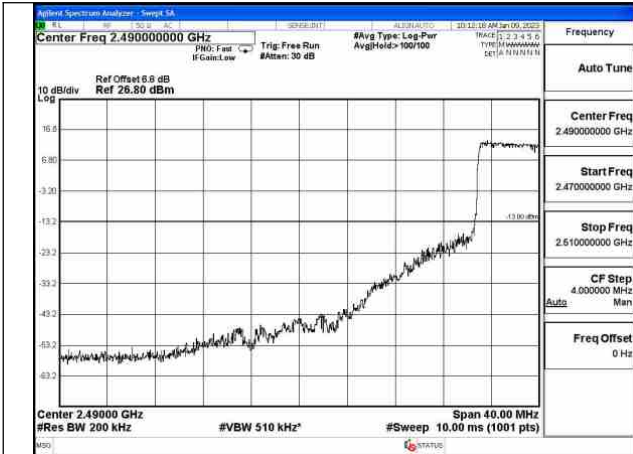


Fig.25

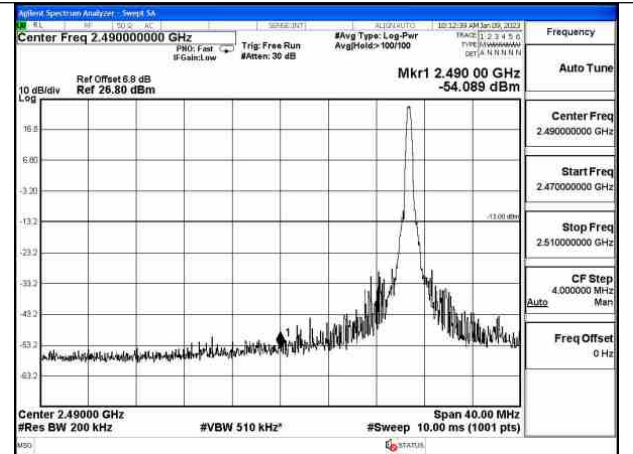


Fig.26

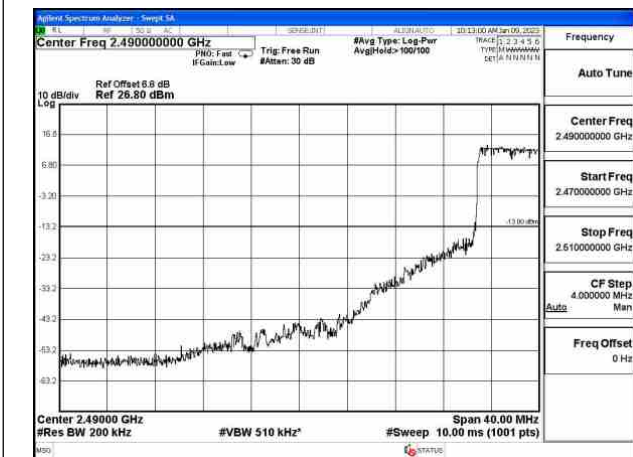


Fig.27

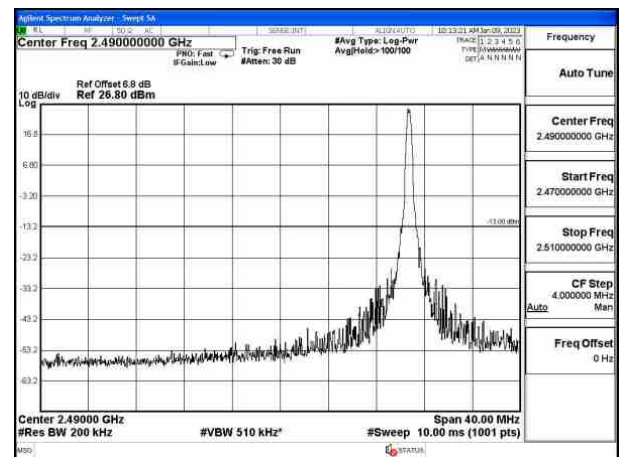


Fig.28

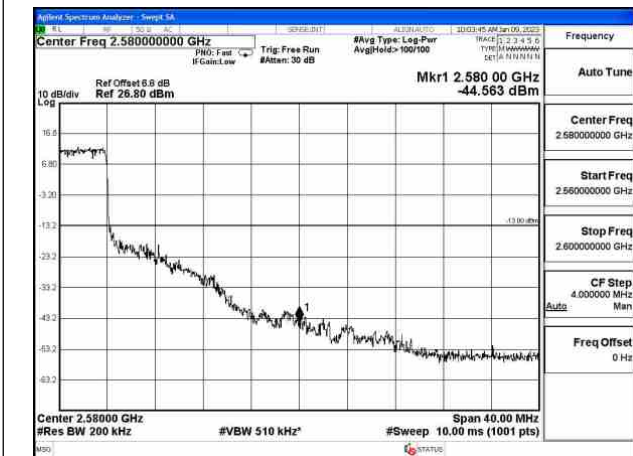


Fig.29

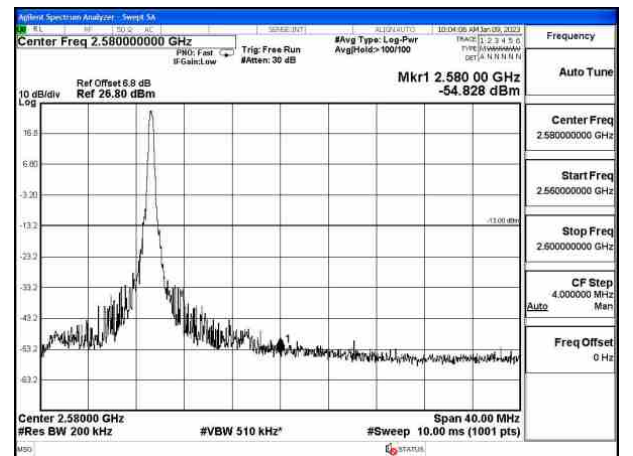


Fig.30

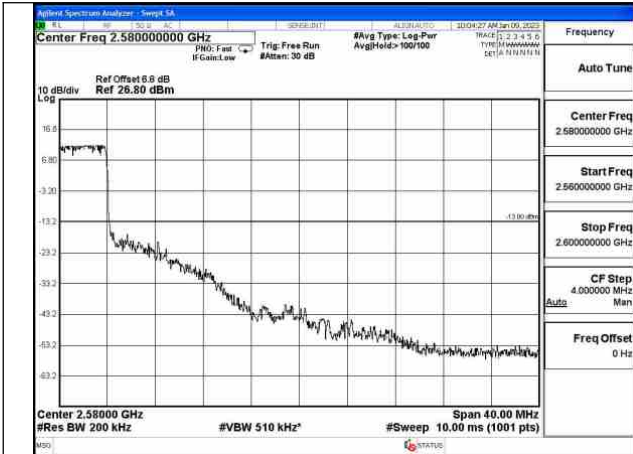


Fig.31

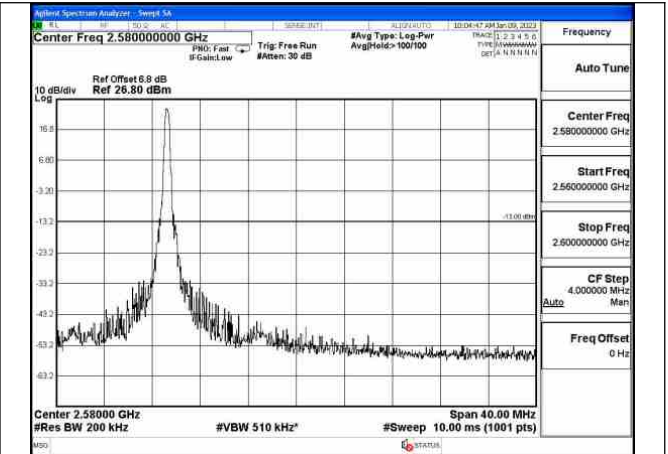


Fig.32

## 7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	-10	NV	0.76
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	0	NV	0.041
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	10	NV	0.215
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	20	NV	0.39
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	30	NV	0.137
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	40	NV	0.312
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	50	NV	0.486
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	20	LV	0.661
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	0	20	HV	0.262
CP-OFDM QPSK	2510	502000	20	1	0	-10	NV	0.359
CP-OFDM QPSK	2510	502000	20	1	0	0	NV	0.533
CP-OFDM QPSK	2510	502000	20	1	0	10	NV	0.281
CP-OFDM QPSK	2510	502000	20	1	0	20	NV	0.455
CP-OFDM QPSK	2510	502000	20	1	0	30	NV	0.63
CP-OFDM QPSK	2510	502000	20	1	0	40	NV	0.804
CP-OFDM QPSK	2510	502000	20	1	0	50	NV	0.552
CP-OFDM QPSK	2510	502000	20	1	0	20	LV	0.405
CP-OFDM QPSK	2510	502000	20	1	0	20	HV	0.58
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	-10	NV	0.23
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	0	NV	0.405
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	10	NV	0.579
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	20	NV	0.754
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	30	NV	0.501
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	40	NV	0.676
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	50	NV	0.85
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	20	LV	0.131
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	20	HV	0.772
CP-OFDM QPSK	2560	512000	20	1	0	-10	NV	0.722
CP-OFDM QPSK	2560	512000	20	1	0	0	NV	0.897
CP-OFDM QPSK	2560	512000	20	1	0	10	NV	0.645
CP-OFDM QPSK	2560	512000	20	1	0	20	NV	0.819
CP-OFDM QPSK	2560	512000	20	1	0	30	NV	0.1
CP-OFDM QPSK	2560	512000	20	1	0	40	NV	0.274
CP-OFDM QPSK	2560	512000	20	1	0	50	NV	0.769
CP-OFDM QPSK	2560	512000	20	1	0	20	LV	0.05
CP-OFDM QPSK	2560	512000	20	1	0	20	HV	0.691

## 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	1	0	23.63	22.23	0.167
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	1	24	23.16	21.76	0.150
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	12	6	23.49	22.09	0.162
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	25	0	22.41	21.01	0.126
DFT-s-OFDM QPSK	2502.5	500500	5	1	0	22.74	21.34	0.136
DFT-s-OFDM QPSK	2502.5	500500	5	1	24	22.46	21.06	0.128
DFT-s-OFDM QPSK	2502.5	500500	5	12	6	23.67	22.27	0.169
DFT-s-OFDM QPSK	2502.5	500500	5	25	0	22.32	20.92	0.124
DFT-s-OFDM 16QAM	2502.5	500500	5	1	0	22.64	21.24	0.133
DFT-s-OFDM 16QAM	2502.5	500500	5	1	24	23.25	21.85	0.153
DFT-s-OFDM 16QAM	2502.5	500500	5	12	6	23.58	22.18	0.165
DFT-s-OFDM 16QAM	2502.5	500500	5	25	0	22.22	20.82	0.121
DFT-s-OFDM 64QAM	2502.5	500500	5	1	0	22.83	21.43	0.139
DFT-s-OFDM 64QAM	2502.5	500500	5	1	24	23.15	21.75	0.150
DFT-s-OFDM 64QAM	2502.5	500500	5	12	6	23.48	22.08	0.161
DFT-s-OFDM 64QAM	2502.5	500500	5	25	0	22.40	21.00	0.126
DFT-s-OFDM 256QAM	2502.5	500500	5	1	0	22.73	21.33	0.136
DFT-s-OFDM 256QAM	2502.5	500500	5	1	24	23.34	21.94	0.156
DFT-s-OFDM 256QAM	2502.5	500500	5	12	6	23.66	22.26	0.168
DFT-s-OFDM 256QAM	2502.5	500500	5	25	0	22.59	21.19	0.132
CP-OFDM QPSK	2502.5	500500	5	1	0	22.91	21.51	0.142
CP-OFDM QPSK	2502.5	500500	5	1	24	23.52	22.12	0.163
CP-OFDM QPSK	2502.5	500500	5	13	6	22.16	20.76	0.119
CP-OFDM QPSK	2502.5	500500	5	25	0	22.77	21.37	0.137
CP-OFDM 16QAM	2502.5	500500	5	1	0	23.10	21.70	0.148
CP-OFDM 16QAM	2502.5	500500	5	1	24	22.82	21.42	0.139
CP-OFDM 16QAM	2502.5	500500	5	13	6	22.35	20.95	0.124
CP-OFDM 16QAM	2502.5	500500	5	25	0	22.67	21.27	0.134
CP-OFDM 64QAM	2502.5	500500	5	1	0	23.28	21.88	0.154
CP-OFDM 64QAM	2502.5	500500	5	1	24	23.60	22.20	0.166
CP-OFDM 64QAM	2502.5	500500	5	13	6	22.25	20.85	0.122
CP-OFDM 64QAM	2502.5	500500	5	25	0	22.86	21.46	0.140
CP-OFDM 256QAM	2502.5	500500	5	1	0	23.18	21.78	0.151
CP-OFDM 256QAM	2502.5	500500	5	1	24	22.11	20.71	0.118
CP-OFDM 256QAM	2502.5	500500	5	13	6	22.43	21.03	0.127
CP-OFDM 256QAM	2502.5	500500	5	25	0	22.76	21.36	0.137
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	0	22.94	21.54	0.143
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	24	23.54	22.14	0.164
DFT-s-OFDM PI/2 BPSK	2535	507000	5	12	6	22.19	20.79	0.120
DFT-s-OFDM PI/2 BPSK	2535	507000	5	25	0	22.52	21.12	0.129
DFT-s-OFDM QPSK	2535	507000	5	1	0	22.85	21.45	0.140
DFT-s-OFDM QPSK	2535	507000	5	1	24	22.37	20.97	0.125
DFT-s-OFDM QPSK	2535	507000	5	12	6	22.70	21.30	0.135
DFT-s-OFDM QPSK	2535	507000	5	25	0	22.43	21.03	0.127

DFT-s-OFDM 16QAM	2535	507000	5	1	0	23.63	22.23	0.167
DFT-s-OFDM 16QAM	2535	507000	5	1	24	22.28	20.88	0.122
DFT-s-OFDM 16QAM	2535	507000	5	12	6	22.61	21.21	0.132
DFT-s-OFDM 16QAM	2535	507000	5	25	0	22.93	21.53	0.142
DFT-s-OFDM 64QAM	2535	507000	5	1	0	22.46	21.06	0.128
DFT-s-OFDM 64QAM	2535	507000	5	1	24	22.79	21.39	0.138
DFT-s-OFDM 64QAM	2535	507000	5	12	6	23.12	21.72	0.149
DFT-s-OFDM 64QAM	2535	507000	5	25	0	22.04	20.64	0.116
DFT-s-OFDM 256QAM	2535	507000	5	1	0	22.37	20.97	0.125
DFT-s-OFDM 256QAM	2535	507000	5	1	24	22.69	21.29	0.135
DFT-s-OFDM 256QAM	2535	507000	5	12	6	22.22	20.82	0.121
DFT-s-OFDM 256QAM	2535	507000	5	25	0	23.63	22.23	0.167
CP-OFDM QPSK	2535	507000	5	1	0	22.27	20.87	0.122
CP-OFDM QPSK	2535	507000	5	1	24	23.48	22.08	0.161
CP-OFDM QPSK	2535	507000	5	13	6	22.13	20.73	0.118
CP-OFDM QPSK	2535	507000	5	25	0	22.45	21.05	0.127
CP-OFDM 16QAM	2535	507000	5	1	0	23.06	21.66	0.147
CP-OFDM 16QAM	2535	507000	5	1	24	23.39	21.99	0.158
CP-OFDM 16QAM	2535	507000	5	13	6	22.03	20.63	0.116
CP-OFDM 16QAM	2535	507000	5	25	0	23.24	21.84	0.153
CP-OFDM 64QAM	2535	507000	5	1	0	22.96	21.56	0.143
CP-OFDM 64QAM	2535	507000	5	1	24	23.29	21.89	0.155
CP-OFDM 64QAM	2535	507000	5	13	6	22.82	21.42	0.139
CP-OFDM 64QAM	2535	507000	5	25	0	23.15	21.75	0.150
CP-OFDM 256QAM	2535	507000	5	1	0	22.07	20.67	0.117
CP-OFDM 256QAM	2535	507000	5	1	24	22.40	21.00	0.126
CP-OFDM 256QAM	2535	507000	5	13	6	22.72	21.32	0.136
CP-OFDM 256QAM	2535	507000	5	25	0	23.05	21.65	0.146
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	0	23.36	21.96	0.157
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	24	22.89	21.49	0.141
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	12	6	23.22	21.82	0.152
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	25	0	23.54	22.14	0.164
DFT-s-OFDM QPSK	2567.5	513500	5	1	0	22.19	20.79	0.120
DFT-s-OFDM QPSK	2567.5	513500	5	1	24	23.40	22.00	0.158
DFT-s-OFDM QPSK	2567.5	513500	5	12	6	22.05	20.65	0.116
DFT-s-OFDM QPSK	2567.5	513500	5	25	0	22.37	20.97	0.125
DFT-s-OFDM 16QAM	2567.5	513500	5	1	0	22.70	21.30	0.135
DFT-s-OFDM 16QAM	2567.5	513500	5	1	24	22.23	20.83	0.121
DFT-s-OFDM 16QAM	2567.5	513500	5	12	6	22.56	21.16	0.131
DFT-s-OFDM 16QAM	2567.5	513500	5	25	0	22.88	21.48	0.141
DFT-s-OFDM 64QAM	2567.5	513500	5	1	0	23.21	21.81	0.152
DFT-s-OFDM 64QAM	2567.5	513500	5	1	24	22.74	21.34	0.136
DFT-s-OFDM 64QAM	2567.5	513500	5	12	6	23.06	21.66	0.147
DFT-s-OFDM 64QAM	2567.5	513500	5	25	0	23.39	21.99	0.158
DFT-s-OFDM 256QAM	2567.5	513500	5	1	0	22.04	20.64	0.116
DFT-s-OFDM 256QAM	2567.5	513500	5	1	24	23.25	21.85	0.153

DFT-s-OFDM 256QAM	2567.5	513500	5	12	6	23.57	22.17	0.165
DFT-s-OFDM 256QAM	2567.5	513500	5	25	0	22.22	20.82	0.121
CP-OFDM QPSK	2567.5	513500	5	1	0	22.55	21.15	0.130
CP-OFDM QPSK	2567.5	513500	5	1	24	22.08	20.68	0.117
CP-OFDM QPSK	2567.5	513500	5	13	6	22.40	21.00	0.126
CP-OFDM QPSK	2567.5	513500	5	25	0	22.73	21.33	0.136
CP-OFDM 16QAM	2567.5	513500	5	1	0	23.06	21.66	0.147
CP-OFDM 16QAM	2567.5	513500	5	1	24	22.58	21.18	0.131
CP-OFDM 16QAM	2567.5	513500	5	13	6	22.91	21.51	0.142
CP-OFDM 16QAM	2567.5	513500	5	25	0	23.24	21.84	0.153
CP-OFDM 64QAM	2567.5	513500	5	1	0	23.57	22.17	0.165
CP-OFDM 64QAM	2567.5	513500	5	1	24	23.09	21.69	0.148
CP-OFDM 64QAM	2567.5	513500	5	13	6	23.42	22.02	0.159
CP-OFDM 64QAM	2567.5	513500	5	25	0	22.07	20.67	0.117
CP-OFDM 256QAM	2567.5	513500	5	1	0	22.40	21.00	0.126
CP-OFDM 256QAM	2567.5	513500	5	1	24	23.60	22.20	0.166
CP-OFDM 256QAM	2567.5	513500	5	13	6	22.25	20.85	0.122
CP-OFDM 256QAM	2567.5	513500	5	25	0	22.58	21.18	0.131

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	1	0	23.54	22.14	0.164
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	51	23.06	21.66	0.147
DFT-s-OFDM PI/2 BPSK	2505	501000	10	25	12	22.79	21.39	0.138
DFT-s-OFDM PI/2 BPSK	2505	501000	10	50	0	22.31	20.91	0.123
DFT-s-OFDM QPSK	2505	501000	10	1	0	22.64	21.24	0.133
DFT-s-OFDM QPSK	2505	501000	10	1	51	22.36	20.96	0.125
DFT-s-OFDM QPSK	2505	501000	10	25	12	23.57	22.17	0.165
DFT-s-OFDM QPSK	2505	501000	10	50	0	22.22	20.82	0.121
DFT-s-OFDM 16QAM	2505	501000	10	1	0	22.55	21.15	0.130
DFT-s-OFDM 16QAM	2505	501000	10	1	51	23.15	21.75	0.150
DFT-s-OFDM 16QAM	2505	501000	10	25	12	23.48	22.08	0.161
DFT-s-OFDM 16QAM	2505	501000	10	50	0	22.40	21.00	0.126
DFT-s-OFDM 64QAM	2505	501000	10	1	0	22.73	21.33	0.136
DFT-s-OFDM 64QAM	2505	501000	10	1	51	23.06	21.66	0.147
DFT-s-OFDM 64QAM	2505	501000	10	25	12	23.66	22.26	0.168
DFT-s-OFDM 64QAM	2505	501000	10	50	0	22.31	20.91	0.123
DFT-s-OFDM 256QAM	2505	501000	10	1	0	22.91	21.51	0.142
DFT-s-OFDM 256QAM	2505	501000	10	1	51	23.24	21.84	0.153
DFT-s-OFDM 256QAM	2505	501000	10	25	12	23.56	22.16	0.164
DFT-s-OFDM 256QAM	2505	501000	10	50	0	22.21	20.81	0.121
CP-OFDM QPSK	2505	501000	10	1	0	22.82	21.42	0.139
CP-OFDM QPSK	2505	501000	10	1	51	23.14	21.74	0.149
CP-OFDM QPSK	2505	501000	10	26	13	22.67	21.27	0.134
CP-OFDM QPSK	2505	501000	10	52	0	23.00	21.60	0.145
CP-OFDM 16QAM	2505	501000	10	1	0	22.72	21.32	0.136

CP-OFDM 16QAM	2505	501000	10	1	51	22.25	20.85	0.122
CP-OFDM 16QAM	2505	501000	10	26	13	22.58	21.18	0.131
CP-OFDM 16QAM	2505	501000	10	52	0	23.18	21.78	0.151
CP-OFDM 64QAM	2505	501000	10	1	0	23.51	22.11	0.163
CP-OFDM 64QAM	2505	501000	10	1	51	22.15	20.75	0.119
CP-OFDM 64QAM	2505	501000	10	26	13	22.76	21.36	0.137
CP-OFDM 64QAM	2505	501000	10	52	0	23.08	21.68	0.147
CP-OFDM 256QAM	2505	501000	10	1	0	23.41	22.01	0.159
CP-OFDM 256QAM	2505	501000	10	1	51	22.34	20.94	0.124
CP-OFDM 256QAM	2505	501000	10	26	13	22.66	21.26	0.134
CP-OFDM 256QAM	2505	501000	10	52	0	22.99	21.59	0.144
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	0	22.91	21.51	0.142
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	51	23.23	21.83	0.152
DFT-s-OFDM PI/2 BPSK	2535	507000	10	25	12	22.16	20.76	0.119
DFT-s-OFDM PI/2 BPSK	2535	507000	10	50	0	22.48	21.08	0.128
DFT-s-OFDM QPSK	2535	507000	10	1	0	22.81	21.41	0.138
DFT-s-OFDM QPSK	2535	507000	10	1	51	23.14	21.74	0.149
DFT-s-OFDM QPSK	2535	507000	10	25	12	22.67	21.27	0.134
DFT-s-OFDM QPSK	2535	507000	10	50	0	22.99	21.59	0.144
DFT-s-OFDM 16QAM	2535	507000	10	1	0	23.60	22.20	0.166
DFT-s-OFDM 16QAM	2535	507000	10	1	51	22.24	20.84	0.121
DFT-s-OFDM 16QAM	2535	507000	10	25	12	22.57	21.17	0.131
DFT-s-OFDM 16QAM	2535	507000	10	50	0	22.90	21.50	0.141
DFT-s-OFDM 64QAM	2535	507000	10	1	0	22.43	21.03	0.127
DFT-s-OFDM 64QAM	2535	507000	10	1	51	22.75	21.35	0.136
DFT-s-OFDM 64QAM	2535	507000	10	25	12	23.08	21.68	0.147
DFT-s-OFDM 64QAM	2535	507000	10	50	0	23.41	22.01	0.159
DFT-s-OFDM 256QAM	2535	507000	10	1	0	22.93	21.53	0.142
DFT-s-OFDM 256QAM	2535	507000	10	1	51	23.26	21.86	0.153
DFT-s-OFDM 256QAM	2535	507000	10	25	12	23.59	22.19	0.166
DFT-s-OFDM 256QAM	2535	507000	10	50	0	22.51	21.11	0.129
CP-OFDM QPSK	2535	507000	10	1	0	22.84	21.44	0.139
CP-OFDM QPSK	2535	507000	10	1	51	23.17	21.77	0.150
CP-OFDM QPSK	2535	507000	10	26	13	23.50	22.10	0.162
CP-OFDM QPSK	2535	507000	10	52	0	23.02	21.62	0.145
CP-OFDM 16QAM	2535	507000	10	1	0	23.35	21.95	0.157
CP-OFDM 16QAM	2535	507000	10	1	51	23.68	22.28	0.169
CP-OFDM 16QAM	2535	507000	10	26	13	22.33	20.93	0.124
CP-OFDM 16QAM	2535	507000	10	52	0	22.93	21.53	0.142
CP-OFDM 64QAM	2535	507000	10	1	0	23.26	21.86	0.153
CP-OFDM 64QAM	2535	507000	10	1	51	22.78	21.38	0.137
CP-OFDM 64QAM	2535	507000	10	26	13	23.11	21.71	0.148
CP-OFDM 64QAM	2535	507000	10	52	0	23.44	22.04	0.160
CP-OFDM 256QAM	2535	507000	10	1	0	22.09	20.69	0.117
CP-OFDM 256QAM	2535	507000	10	1	51	23.29	21.89	0.155
CP-OFDM 256QAM	2535	507000	10	26	13	23.62	22.22	0.167



CP-OFDM 256QAM	2535	507000	10	52	0	22.27	20.87	0.122
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	0	22.60	21.20	0.132
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	51	22.13	20.73	0.118
DFT-s-OFDM PI/2 BPSK	2565	513000	10	25	12	22.46	21.06	0.128
DFT-s-OFDM PI/2 BPSK	2565	513000	10	50	0	22.78	21.38	0.137
DFT-s-OFDM QPSK	2565	513000	10	1	0	23.11	21.71	0.148
DFT-s-OFDM QPSK	2565	513000	10	1	51	22.36	20.96	0.125
DFT-s-OFDM QPSK	2565	513000	10	25	12	22.69	21.29	0.135
DFT-s-OFDM QPSK	2565	513000	10	50	0	22.22	20.82	0.121
DFT-s-OFDM 16QAM	2565	513000	10	1	0	22.54	21.14	0.130
DFT-s-OFDM 16QAM	2565	513000	10	1	51	22.87	21.47	0.140
DFT-s-OFDM 16QAM	2565	513000	10	25	12	23.20	21.80	0.151
DFT-s-OFDM 16QAM	2565	513000	10	50	0	22.73	21.33	0.136
DFT-s-OFDM 64QAM	2565	513000	10	1	0	23.05	21.65	0.146
DFT-s-OFDM 64QAM	2565	513000	10	1	51	23.38	21.98	0.158
DFT-s-OFDM 64QAM	2565	513000	10	25	12	22.03	20.63	0.116
DFT-s-OFDM 64QAM	2565	513000	10	50	0	23.24	21.84	0.153
DFT-s-OFDM 256QAM	2565	513000	10	1	0	23.56	22.16	0.164
DFT-s-OFDM 256QAM	2565	513000	10	1	51	22.21	20.81	0.121
DFT-s-OFDM 256QAM	2565	513000	10	25	12	22.54	21.14	0.130
DFT-s-OFDM 256QAM	2565	513000	10	50	0	23.47	22.07	0.161
CP-OFDM QPSK	2565	513000	10	1	0	22.39	20.99	0.126
CP-OFDM QPSK	2565	513000	10	1	51	23.32	21.92	0.156
CP-OFDM QPSK	2565	513000	10	26	13	23.65	22.25	0.168
CP-OFDM QPSK	2565	513000	10	52	0	22.30	20.90	0.123
CP-OFDM 16QAM	2565	513000	10	1	0	23.50	22.10	0.162
CP-OFDM 16QAM	2565	513000	10	1	51	22.15	20.75	0.119
CP-OFDM 16QAM	2565	513000	10	26	13	22.48	21.08	0.128
CP-OFDM 16QAM	2565	513000	10	52	0	22.81	21.41	0.138
CP-OFDM 64QAM	2565	513000	10	1	0	22.33	20.93	0.124
CP-OFDM 64QAM	2565	513000	10	1	51	22.66	21.26	0.134
CP-OFDM 64QAM	2565	513000	10	26	13	22.99	21.59	0.144
CP-OFDM 64QAM	2565	513000	10	52	0	22.24	20.84	0.121
CP-OFDM 256QAM	2565	513000	10	1	0	22.57	21.17	0.131
CP-OFDM 256QAM	2565	513000	10	1	51	22.90	21.50	0.141
CP-OFDM 256QAM	2565	513000	10	26	13	22.42	21.02	0.126
CP-OFDM 256QAM	2565	513000	10	52	0	22.75	21.35	0.136

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	1	0	22.69	21.29	0.135
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	1	78	22.21	20.81	0.121
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	36	18	22.54	21.14	0.130
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	75	0	22.87	21.47	0.140
DFT-s-OFDM QPSK	2507.5	501500	15	1	0	23.47	22.07	0.161
DFT-s-OFDM QPSK	2507.5	501500	15	1	78	22.12	20.72	0.118

DFT-s-OFDM QPSK	2507.5	501500	15	36	18	22.45	21.05	0.127
DFT-s-OFDM QPSK	2507.5	501500	15	75	0	22.77	21.37	0.137
DFT-s-OFDM 16QAM	2507.5	501500	15	1	0	23.38	21.98	0.158
DFT-s-OFDM 16QAM	2507.5	501500	15	1	78	22.03	20.63	0.116
DFT-s-OFDM 16QAM	2507.5	501500	15	36	18	23.23	21.83	0.152
DFT-s-OFDM 16QAM	2507.5	501500	15	75	0	23.56	22.16	0.164
DFT-s-OFDM 64QAM	2507.5	501500	15	1	0	23.28	21.88	0.154
DFT-s-OFDM 64QAM	2507.5	501500	15	1	78	22.81	21.41	0.138
DFT-s-OFDM 64QAM	2507.5	501500	15	36	18	23.14	21.74	0.149
DFT-s-OFDM 64QAM	2507.5	501500	15	75	0	23.47	22.07	0.161
DFT-s-OFDM 256QAM	2507.5	501500	15	1	0	22.11	20.71	0.118
DFT-s-OFDM 256QAM	2507.5	501500	15	1	78	23.04	21.64	0.146
DFT-s-OFDM 256QAM	2507.5	501500	15	36	18	22.57	21.17	0.131
DFT-s-OFDM 256QAM	2507.5	501500	15	75	0	22.62	21.22	0.132
CP-OFDM QPSK	2507.5	501500	15	1	0	22.15	20.75	0.119
CP-OFDM QPSK	2507.5	501500	15	1	78	23.08	21.68	0.147
CP-OFDM QPSK	2507.5	501500	15	39	19	23.13	21.73	0.149
CP-OFDM QPSK	2507.5	501500	15	79	0	22.66	21.26	0.134
CP-OFDM 16QAM	2507.5	501500	15	1	0	22.99	21.59	0.144
CP-OFDM 16QAM	2507.5	501500	15	1	78	23.31	21.91	0.155
CP-OFDM 16QAM	2507.5	501500	15	39	19	23.64	22.24	0.167
CP-OFDM 16QAM	2507.5	501500	15	79	0	23.17	21.77	0.150
CP-OFDM 64QAM	2507.5	501500	15	1	0	23.49	22.09	0.162
CP-OFDM 64QAM	2507.5	501500	15	1	78	22.42	21.02	0.126
CP-OFDM 64QAM	2507.5	501500	15	39	19	22.75	21.35	0.136
CP-OFDM 64QAM	2507.5	501500	15	79	0	23.07	21.67	0.147
CP-OFDM 256QAM	2507.5	501500	15	1	0	23.40	22.00	0.158
CP-OFDM 256QAM	2507.5	501500	15	1	78	22.93	21.53	0.142
CP-OFDM 256QAM	2507.5	501500	15	39	19	23.25	21.85	0.153
CP-OFDM 256QAM	2507.5	501500	15	79	0	23.58	22.18	0.165
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	0	22.12	20.72	0.118
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	78	22.45	21.05	0.127
DFT-s-OFDM PI/2 BPSK	2535	507000	15	36	18	22.17	20.77	0.119
DFT-s-OFDM PI/2 BPSK	2535	507000	15	75	0	23.38	21.98	0.158
DFT-s-OFDM QPSK	2535	507000	15	1	0	22.03	20.63	0.116
DFT-s-OFDM QPSK	2535	507000	15	1	78	22.36	20.96	0.125
DFT-s-OFDM QPSK	2535	507000	15	36	18	22.68	21.28	0.134
DFT-s-OFDM QPSK	2535	507000	15	75	0	22.21	20.81	0.121
DFT-s-OFDM 16QAM	2535	507000	15	1	0	22.54	21.14	0.130
DFT-s-OFDM 16QAM	2535	507000	15	1	78	22.86	21.46	0.140
DFT-s-OFDM 16QAM	2535	507000	15	36	18	23.47	22.07	0.161
DFT-s-OFDM 16QAM	2535	507000	15	75	0	22.12	20.72	0.118
DFT-s-OFDM 64QAM	2535	507000	15	1	0	22.44	21.04	0.127
DFT-s-OFDM 64QAM	2535	507000	15	1	78	23.65	22.25	0.168
DFT-s-OFDM 64QAM	2535	507000	15	36	18	22.30	20.90	0.123
DFT-s-OFDM 64QAM	2535	507000	15	75	0	22.62	21.22	0.132

DFT-s-OFDM 256QAM	2535	507000	15	1	0	22.95	21.55	0.143
DFT-s-OFDM 256QAM	2535	507000	15	1	78	22.48	21.08	0.128
DFT-s-OFDM 256QAM	2535	507000	15	36	18	22.20	20.80	0.120
DFT-s-OFDM 256QAM	2535	507000	15	75	0	22.53	21.13	0.130
CP-OFDM QPSK	2535	507000	15	1	0	22.06	20.66	0.116
CP-OFDM QPSK	2535	507000	15	1	78	22.38	20.98	0.125
CP-OFDM QPSK	2535	507000	15	39	19	22.71	21.31	0.135
CP-OFDM QPSK	2535	507000	15	79	0	23.04	21.64	0.146
CP-OFDM 16QAM	2535	507000	15	1	0	22.57	21.17	0.131
CP-OFDM 16QAM	2535	507000	15	1	78	22.89	21.49	0.141
CP-OFDM 16QAM	2535	507000	15	39	19	23.22	21.82	0.152
CP-OFDM 16QAM	2535	507000	15	79	0	22.14	20.74	0.119
CP-OFDM 64QAM	2535	507000	15	1	0	22.47	21.07	0.128
CP-OFDM 64QAM	2535	507000	15	1	78	22.80	21.40	0.138
CP-OFDM 64QAM	2535	507000	15	39	19	22.33	20.93	0.124
CP-OFDM 64QAM	2535	507000	15	79	0	22.65	21.25	0.133
CP-OFDM 256QAM	2535	507000	15	1	0	22.98	21.58	0.144
CP-OFDM 256QAM	2535	507000	15	1	78	23.31	21.91	0.155
CP-OFDM 256QAM	2535	507000	15	39	19	22.84	21.44	0.139
CP-OFDM 256QAM	2535	507000	15	79	0	23.16	21.76	0.150
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	0	23.38	21.98	0.158
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	78	22.02	20.62	0.115
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	36	18	22.63	21.23	0.133
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	75	0	23.56	22.16	0.164
DFT-s-OFDM QPSK	2562.5	512500	15	1	0	22.21	20.81	0.121
DFT-s-OFDM QPSK	2562.5	512500	15	1	78	22.53	21.13	0.130
DFT-s-OFDM QPSK	2562.5	512500	15	36	18	22.86	21.46	0.140
DFT-s-OFDM QPSK	2562.5	512500	15	75	0	22.39	20.99	0.126
DFT-s-OFDM 16QAM	2562.5	512500	15	1	0	22.71	21.31	0.135
DFT-s-OFDM 16QAM	2562.5	512500	15	1	78	23.04	21.64	0.146
DFT-s-OFDM 16QAM	2562.5	512500	15	36	18	23.37	21.97	0.157
DFT-s-OFDM 16QAM	2562.5	512500	15	75	0	22.62	21.22	0.132
DFT-s-OFDM 64QAM	2562.5	512500	15	1	0	23.22	21.82	0.152
DFT-s-OFDM 64QAM	2562.5	512500	15	1	78	22.47	21.07	0.128
DFT-s-OFDM 64QAM	2562.5	512500	15	36	18	22.80	21.40	0.138
DFT-s-OFDM 64QAM	2562.5	512500	15	75	0	23.13	21.73	0.149
DFT-s-OFDM 256QAM	2562.5	512500	15	1	0	23.46	22.06	0.161
DFT-s-OFDM 256QAM	2562.5	512500	15	1	78	22.98	21.58	0.144
DFT-s-OFDM 256QAM	2562.5	512500	15	36	18	23.31	21.91	0.155
DFT-s-OFDM 256QAM	2562.5	512500	15	75	0	23.64	22.24	0.167
CP-OFDM QPSK	2562.5	512500	15	1	0	22.29	20.89	0.123
CP-OFDM QPSK	2562.5	512500	15	1	78	23.49	22.09	0.162
CP-OFDM QPSK	2562.5	512500	15	39	19	22.74	21.34	0.136
CP-OFDM QPSK	2562.5	512500	15	79	0	23.07	21.67	0.147
CP-OFDM 16QAM	2562.5	512500	15	1	0	23.40	22.00	0.158
CP-OFDM 16QAM	2562.5	512500	15	1	78	22.05	20.65	0.116

CP-OFDM 16QAM	2562.5	512500	15	39	19	23.25	21.85	0.153
CP-OFDM 16QAM	2562.5	512500	15	79	0	23.58	22.18	0.165
CP-OFDM 64QAM	2562.5	512500	15	1	0	22.23	20.83	0.121
CP-OFDM 64QAM	2562.5	512500	15	1	78	22.56	21.16	0.131
CP-OFDM 64QAM	2562.5	512500	15	39	19	23.49	22.09	0.162
CP-OFDM 64QAM	2562.5	512500	15	79	0	22.14	20.74	0.119
CP-OFDM 256QAM	2562.5	512500	15	1	0	23.34	21.94	0.156
CP-OFDM 256QAM	2562.5	512500	15	1	78	23.67	22.27	0.169
CP-OFDM 256QAM	2562.5	512500	15	39	19	22.32	20.92	0.124
CP-OFDM 256QAM	2562.5	512500	15	79	0	22.65	21.25	0.133

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	1	0	23.13	21.73	0.149
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	105	23.46	22.06	0.161
DFT-s-OFDM PI/2 BPSK	2510	502000	20	50	25	23.19	21.79	0.151
DFT-s-OFDM PI/2 BPSK	2510	502000	20	100	0	22.71	21.31	0.135
DFT-s-OFDM QPSK	2510	502000	20	1	0	23.04	21.64	0.146
DFT-s-OFDM QPSK	2510	502000	20	1	105	23.37	21.97	0.157
DFT-s-OFDM QPSK	2510	502000	20	50	25	22.01	20.61	0.115
DFT-s-OFDM QPSK	2510	502000	20	100	0	22.62	21.22	0.132
DFT-s-OFDM 16QAM	2510	502000	20	1	0	22.95	21.55	0.143
DFT-s-OFDM 16QAM	2510	502000	20	1	105	22.47	21.07	0.128
DFT-s-OFDM 16QAM	2510	502000	20	50	25	22.20	20.80	0.120
DFT-s-OFDM 16QAM	2510	502000	20	100	0	22.52	21.12	0.129
DFT-s-OFDM 64QAM	2510	502000	20	1	0	22.05	20.65	0.116
DFT-s-OFDM 64QAM	2510	502000	20	1	105	22.38	20.98	0.125
DFT-s-OFDM 64QAM	2510	502000	20	50	25	22.71	21.31	0.135
DFT-s-OFDM 64QAM	2510	502000	20	100	0	23.31	21.91	0.155
DFT-s-OFDM 256QAM	2510	502000	20	1	0	23.64	22.24	0.167
DFT-s-OFDM 256QAM	2510	502000	20	1	105	22.28	20.88	0.122
DFT-s-OFDM 256QAM	2510	502000	20	50	25	23.49	22.09	0.162
DFT-s-OFDM 256QAM	2510	502000	20	100	0	23.21	21.81	0.152
CP-OFDM QPSK	2510	502000	20	1	0	23.54	22.14	0.164
CP-OFDM QPSK	2510	502000	20	1	105	23.07	21.67	0.147
CP-OFDM QPSK	2510	502000	20	53	26	23.40	22.00	0.158
CP-OFDM QPSK	2510	502000	20	106	0	22.32	20.92	0.124
CP-OFDM 16QAM	2510	502000	20	1	0	22.65	21.25	0.133
CP-OFDM 16QAM	2510	502000	20	1	105	22.97	21.57	0.144
CP-OFDM 16QAM	2510	502000	20	53	26	23.58	22.18	0.165
CP-OFDM 16QAM	2510	502000	20	106	0	22.23	20.83	0.121
CP-OFDM 64QAM	2510	502000	20	1	0	22.55	21.15	0.130
CP-OFDM 64QAM	2510	502000	20	1	105	22.88	21.48	0.141
CP-OFDM 64QAM	2510	502000	20	53	26	22.41	21.01	0.126
CP-OFDM 64QAM	2510	502000	20	106	0	22.13	20.73	0.118
CP-OFDM 256QAM	2510	502000	20	1	0	23.34	21.94	0.156

CP-OFDM 256QAM	2510	502000	20	1	105	23.67	22.27	0.169
CP-OFDM 256QAM	2510	502000	20	53	26	22.31	20.91	0.123
CP-OFDM 256QAM	2510	502000	20	106	0	22.92	21.52	0.142
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	0	22.41	21.01	0.126
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	105	22.74	21.34	0.136
DFT-s-OFDM PI/2 BPSK	2535	507000	20	50	25	23.07	21.67	0.147
DFT-s-OFDM PI/2 BPSK	2535	507000	20	100	0	23.40	22.00	0.158
DFT-s-OFDM QPSK	2535	507000	20	1	0	22.92	21.52	0.142
DFT-s-OFDM QPSK	2535	507000	20	1	105	22.17	20.77	0.119
DFT-s-OFDM QPSK	2535	507000	20	50	25	23.58	22.18	0.165
DFT-s-OFDM QPSK	2535	507000	20	100	0	22.23	20.83	0.121
DFT-s-OFDM 16QAM	2535	507000	20	1	0	23.43	22.03	0.160
DFT-s-OFDM 16QAM	2535	507000	20	1	105	22.08	20.68	0.117
DFT-s-OFDM 16QAM	2535	507000	20	50	25	22.41	21.01	0.126
DFT-s-OFDM 16QAM	2535	507000	20	100	0	22.74	21.34	0.136
DFT-s-OFDM 64QAM	2535	507000	20	1	0	22.26	20.86	0.122
DFT-s-OFDM 64QAM	2535	507000	20	1	105	22.59	21.19	0.132
DFT-s-OFDM 64QAM	2535	507000	20	50	25	22.92	21.52	0.142
DFT-s-OFDM 64QAM	2535	507000	20	100	0	23.25	21.85	0.153
DFT-s-OFDM 256QAM	2535	507000	20	1	0	22.77	21.37	0.137
DFT-s-OFDM 256QAM	2535	507000	20	1	105	23.10	21.70	0.148
DFT-s-OFDM 256QAM	2535	507000	20	50	25	23.43	22.03	0.160
DFT-s-OFDM 256QAM	2535	507000	20	100	0	22.08	20.68	0.117
CP-OFDM QPSK	2535	507000	20	1	0	23.28	21.88	0.154
CP-OFDM QPSK	2535	507000	20	1	105	23.61	22.21	0.166
CP-OFDM QPSK	2535	507000	20	53	26	22.26	20.86	0.122
CP-OFDM QPSK	2535	507000	20	106	0	22.58	21.18	0.131
CP-OFDM 16QAM	2535	507000	20	1	0	22.11	20.71	0.118
CP-OFDM 16QAM	2535	507000	20	1	105	22.44	21.04	0.127
CP-OFDM 16QAM	2535	507000	20	53	26	22.77	21.37	0.137
CP-OFDM 16QAM	2535	507000	20	106	0	23.09	21.69	0.148
CP-OFDM 64QAM	2535	507000	20	1	0	22.62	21.22	0.132
CP-OFDM 64QAM	2535	507000	20	1	105	22.95	21.55	0.143
CP-OFDM 64QAM	2535	507000	20	53	26	23.55	22.15	0.164
CP-OFDM 64QAM	2535	507000	20	106	0	22.20	20.80	0.120
CP-OFDM 256QAM	2535	507000	20	1	0	22.53	21.13	0.130
CP-OFDM 256QAM	2535	507000	20	1	105	22.85	21.45	0.140
CP-OFDM 256QAM	2535	507000	20	53	26	22.38	20.98	0.125
CP-OFDM 256QAM	2535	507000	20	106	0	22.71	21.31	0.135
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	0	22.80	21.40	0.138
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	105	23.13	21.73	0.149
DFT-s-OFDM PI/2 BPSK	2560	512000	20	50	25	23.45	22.05	0.160
DFT-s-OFDM PI/2 BPSK	2560	512000	20	100	0	22.10	20.70	0.117
DFT-s-OFDM QPSK	2560	512000	20	1	0	23.31	21.91	0.155
DFT-s-OFDM QPSK	2560	512000	20	1	105	23.36	21.96	0.157
DFT-s-OFDM QPSK	2560	512000	20	50	25	22.89	21.49	0.141

DFT-s-OFDM QPSK	2560	512000	20	100	0	23.21	21.81	0.152
DFT-s-OFDM 16QAM	2560	512000	20	1	0	23.54	22.14	0.164
DFT-s-OFDM 16QAM	2560	512000	20	1	105	22.19	20.79	0.120
DFT-s-OFDM 16QAM	2560	512000	20	50	25	23.39	21.99	0.158
DFT-s-OFDM 16QAM	2560	512000	20	100	0	22.65	21.25	0.133
DFT-s-OFDM 64QAM	2560	512000	20	1	0	22.97	21.57	0.144
DFT-s-OFDM 64QAM	2560	512000	20	1	105	23.30	21.90	0.155
DFT-s-OFDM 64QAM	2560	512000	20	50	25	23.63	22.23	0.167
DFT-s-OFDM 64QAM	2560	512000	20	100	0	23.15	21.75	0.150
DFT-s-OFDM 256QAM	2560	512000	20	1	0	23.48	22.08	0.161
DFT-s-OFDM 256QAM	2560	512000	20	1	105	22.13	20.73	0.118
DFT-s-OFDM 256QAM	2560	512000	20	50	25	23.06	21.66	0.147
DFT-s-OFDM 256QAM	2560	512000	20	100	0	23.39	21.99	0.158
CP-OFDM QPSK	2560	512000	20	1	0	22.04	20.64	0.116
CP-OFDM QPSK	2560	512000	20	1	105	23.24	21.84	0.153
CP-OFDM QPSK	2560	512000	20	53	26	23.57	22.17	0.165
CP-OFDM QPSK	2560	512000	20	106	0	22.22	20.82	0.121
CP-OFDM 16QAM	2560	512000	20	1	0	22.55	21.15	0.130
CP-OFDM 16QAM	2560	512000	20	1	105	23.48	22.08	0.161
CP-OFDM 16QAM	2560	512000	20	53	26	23.00	21.60	0.145
CP-OFDM 16QAM	2560	512000	20	106	0	23.33	21.93	0.156
CP-OFDM 64QAM	2560	512000	20	1	0	23.66	22.26	0.168
CP-OFDM 64QAM	2560	512000	20	1	105	22.31	20.91	0.123
CP-OFDM 64QAM	2560	512000	20	53	26	23.24	21.84	0.153
CP-OFDM 64QAM	2560	512000	20	106	0	23.56	22.16	0.164
CP-OFDM 256QAM	2560	512000	20	1	0	23.09	21.69	0.148
CP-OFDM 256QAM	2560	512000	20	1	105	23.42	22.02	0.159
CP-OFDM 256QAM	2560	512000	20	53	26	22.07	20.67	0.117
CP-OFDM 256QAM	2560	512000	20	106	0	22.39	20.99	0.126