

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

**N7(2500-2570)**

**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	20.38
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	1	1	19.93
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	1	23	19.95
DFT-s-OFDM PI/2 BPSK	2502.5	500500	5	25	0	20.25
DFT-s-OFDM QPSK	2502.5	500500	5	12	6	22.84
DFT-s-OFDM QPSK	2502.5	500500	5	1	1	22.69
DFT-s-OFDM QPSK	2502.5	500500	5	1	23	22.69
DFT-s-OFDM QPSK	2502.5	500500	5	25	0	21.78
DFT-s-OFDM 16QAM	2502.5	500500	5	12	6	21.90
DFT-s-OFDM 16QAM	2502.5	500500	5	1	1	21.79
DFT-s-OFDM 16QAM	2502.5	500500	5	1	23	21.77
DFT-s-OFDM 16QAM	2502.5	500500	5	25	0	20.67
DFT-s-OFDM 64QAM	2502.5	500500	5	12	6	20.26
DFT-s-OFDM 64QAM	2502.5	500500	5	1	1	19.86
DFT-s-OFDM 64QAM	2502.5	500500	5	1	23	19.96
DFT-s-OFDM 64QAM	2502.5	500500	5	25	0	20.19
DFT-s-OFDM 256QAM	2502.5	500500	5	12	6	18.26
DFT-s-OFDM 256QAM	2502.5	500500	5	1	1	18.03
DFT-s-OFDM 256QAM	2502.5	500500	5	1	23	18.14
DFT-s-OFDM 256QAM	2502.5	500500	5	25	0	18.28
CP-OFDM QPSK	2502.5	500500	5	13	6	20.04
CP-OFDM QPSK	2502.5	500500	5	1	1	21.48
CP-OFDM QPSK	2502.5	500500	5	1	23	21.38
CP-OFDM QPSK	2502.5	500500	5	25	0	19.84
CP-OFDM 16QAM	2502.5	500500	5	13	6	20.86
CP-OFDM 16QAM	2502.5	500500	5	1	1	20.93
CP-OFDM 16QAM	2502.5	500500	5	1	23	20.96
CP-OFDM 16QAM	2502.5	500500	5	25	0	19.77
CP-OFDM 64QAM	2502.5	500500	5	13	6	19.31
CP-OFDM 64QAM	2502.5	500500	5	1	1	18.91
CP-OFDM 64QAM	2502.5	500500	5	1	23	18.96
CP-OFDM 64QAM	2502.5	500500	5	25	0	19.23
CP-OFDM 256QAM	2502.5	500500	5	13	6	16.24
CP-OFDM 256QAM	2502.5	500500	5	1	1	15.95
CP-OFDM 256QAM	2502.5	500500	5	1	23	15.91
CP-OFDM 256QAM	2502.5	500500	5	25	0	16.25
DFT-s-OFDM PI/2 BPSK	2535	507000	5	12	6	17.92
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	1	17.64
DFT-s-OFDM PI/2 BPSK	2535	507000	5	1	23	17.59
DFT-s-OFDM PI/2 BPSK	2535	507000	5	25	0	17.84
DFT-s-OFDM QPSK	2535	507000	5	12	6	22.46

DFT-s-OFDM QPSK	2535	507000	5	1	1	22.40
DFT-s-OFDM QPSK	2535	507000	5	1	23	22.29
DFT-s-OFDM QPSK	2535	507000	5	25	0	21.35
DFT-s-OFDM 16QAM	2535	507000	5	12	6	21.55
DFT-s-OFDM 16QAM	2535	507000	5	1	1	21.49
DFT-s-OFDM 16QAM	2535	507000	5	1	23	21.47
DFT-s-OFDM 16QAM	2535	507000	5	25	0	20.44
DFT-s-OFDM 64QAM	2535	507000	5	12	6	20.04
DFT-s-OFDM 64QAM	2535	507000	5	1	1	19.64
DFT-s-OFDM 64QAM	2535	507000	5	1	23	19.54
DFT-s-OFDM 64QAM	2535	507000	5	25	0	19.91
DFT-s-OFDM 256QAM	2535	507000	5	12	6	17.93
DFT-s-OFDM 256QAM	2535	507000	5	1	1	17.79
DFT-s-OFDM 256QAM	2535	507000	5	1	23	17.78
DFT-s-OFDM 256QAM	2535	507000	5	25	0	17.96
CP-OFDM QPSK	2535	507000	5	13	6	20.80
CP-OFDM QPSK	2535	507000	5	1	1	21.15
CP-OFDM QPSK	2535	507000	5	1	23	21.00
CP-OFDM QPSK	2535	507000	5	25	0	19.45
CP-OFDM 16QAM	2535	507000	5	13	6	20.64
CP-OFDM 16QAM	2535	507000	5	1	1	20.79
CP-OFDM 16QAM	2535	507000	5	1	23	20.70
CP-OFDM 16QAM	2535	507000	5	25	0	19.42
CP-OFDM 64QAM	2535	507000	5	13	6	19.03
CP-OFDM 64QAM	2535	507000	5	1	1	18.73
CP-OFDM 64QAM	2535	507000	5	1	23	18.58
CP-OFDM 64QAM	2535	507000	5	25	0	18.98
CP-OFDM 256QAM	2535	507000	5	13	6	15.93
CP-OFDM 256QAM	2535	507000	5	1	1	15.59
CP-OFDM 256QAM	2535	507000	5	1	23	15.56
CP-OFDM 256QAM	2535	507000	5	25	0	15.82
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	12	6	17.79
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	1	17.58
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	1	23	17.53
DFT-s-OFDM PI/2 BPSK	2567.5	513500	5	25	0	17.76
DFT-s-OFDM QPSK	2567.5	513500	5	12	6	22.37
DFT-s-OFDM QPSK	2567.5	513500	5	1	1	22.34
DFT-s-OFDM QPSK	2567.5	513500	5	1	23	22.24
DFT-s-OFDM QPSK	2567.5	513500	5	25	0	21.29
DFT-s-OFDM 16QAM	2567.5	513500	5	12	6	21.40
DFT-s-OFDM 16QAM	2567.5	513500	5	1	1	21.39
DFT-s-OFDM 16QAM	2567.5	513500	5	1	23	21.30
DFT-s-OFDM 16QAM	2567.5	513500	5	25	0	20.28
DFT-s-OFDM 64QAM	2567.5	513500	5	12	6	19.88
DFT-s-OFDM 64QAM	2567.5	513500	5	1	1	19.44
DFT-s-OFDM 64QAM	2567.5	513500	5	1	23	19.50

DFT-s-OFDM 64QAM	2567.5	513500	5	25	0	19.82
DFT-s-OFDM 256QAM	2567.5	513500	5	12	6	17.77
DFT-s-OFDM 256QAM	2567.5	513500	5	1	1	17.59
DFT-s-OFDM 256QAM	2567.5	513500	5	1	23	17.59
DFT-s-OFDM 256QAM	2567.5	513500	5	25	0	17.80
CP-OFDM QPSK	2567.5	513500	5	13	6	20.68
CP-OFDM QPSK	2567.5	513500	5	1	1	21.04
CP-OFDM QPSK	2567.5	513500	5	1	23	21.05
CP-OFDM QPSK	2567.5	513500	5	25	0	19.39
CP-OFDM 16QAM	2567.5	513500	5	13	6	20.43
CP-OFDM 16QAM	2567.5	513500	5	1	1	20.56
CP-OFDM 16QAM	2567.5	513500	5	1	23	20.51
CP-OFDM 16QAM	2567.5	513500	5	25	0	19.35
CP-OFDM 64QAM	2567.5	513500	5	13	6	18.79
CP-OFDM 64QAM	2567.5	513500	5	1	1	18.57
CP-OFDM 64QAM	2567.5	513500	5	1	23	18.46
CP-OFDM 64QAM	2567.5	513500	5	25	0	18.84
CP-OFDM 256QAM	2567.5	513500	5	13	6	15.89
CP-OFDM 256QAM	2567.5	513500	5	1	1	15.57
CP-OFDM 256QAM	2567.5	513500	5	1	23	15.55
CP-OFDM 256QAM	2567.5	513500	5	25	0	15.82

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	18.16
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	1	17.89
DFT-s-OFDM PI/2 BPSK	2505	501000	10	1	50	17.83
DFT-s-OFDM PI/2 BPSK	2505	501000	10	50	0	18.10
DFT-s-OFDM QPSK	2505	501000	10	25	12	22.69
DFT-s-OFDM QPSK	2505	501000	10	1	1	22.59
DFT-s-OFDM QPSK	2505	501000	10	1	50	22.52
DFT-s-OFDM QPSK	2505	501000	10	50	0	21.62
DFT-s-OFDM 16QAM	2505	501000	10	25	12	21.67
DFT-s-OFDM 16QAM	2505	501000	10	1	1	21.63
DFT-s-OFDM 16QAM	2505	501000	10	1	50	21.68
DFT-s-OFDM 16QAM	2505	501000	10	50	0	20.60
DFT-s-OFDM 64QAM	2505	501000	10	25	12	20.14
DFT-s-OFDM 64QAM	2505	501000	10	1	1	19.80
DFT-s-OFDM 64QAM	2505	501000	10	1	50	19.85
DFT-s-OFDM 64QAM	2505	501000	10	50	0	20.13
DFT-s-OFDM 256QAM	2505	501000	10	25	12	20.33
DFT-s-OFDM 256QAM	2505	501000	10	1	1	17.98
DFT-s-OFDM 256QAM	2505	501000	10	1	50	17.88
DFT-s-OFDM 256QAM	2505	501000	10	50	0	18.15
CP-OFDM QPSK	2505	501000	10	26	13	20.34
CP-OFDM QPSK	2505	501000	10	1	1	21.36

CP-OFDM QPSK	2505	501000	10	1	50	21.18
CP-OFDM QPSK	2505	501000	10	52	0	19.69
CP-OFDM 16QAM	2505	501000	10	26	13	20.69
CP-OFDM 16QAM	2505	501000	10	1	1	20.85
CP-OFDM 16QAM	2505	501000	10	1	50	20.79
CP-OFDM 16QAM	2505	501000	10	52	0	19.65
CP-OFDM 64QAM	2505	501000	10	26	13	19.13
CP-OFDM 64QAM	2505	501000	10	1	1	18.88
CP-OFDM 64QAM	2505	501000	10	1	50	18.75
CP-OFDM 64QAM	2505	501000	10	52	0	19.08
CP-OFDM 256QAM	2505	501000	10	26	13	16.05
CP-OFDM 256QAM	2505	501000	10	1	1	15.94
CP-OFDM 256QAM	2505	501000	10	1	50	15.80
CP-OFDM 256QAM	2505	501000	10	52	0	16.10
DFT-s-OFDM PI/2 BPSK	2535	507000	10	25	12	17.89
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	1	17.67
DFT-s-OFDM PI/2 BPSK	2535	507000	10	1	50	17.62
DFT-s-OFDM PI/2 BPSK	2535	507000	10	50	0	17.85
DFT-s-OFDM QPSK	2535	507000	10	25	12	22.50
DFT-s-OFDM QPSK	2535	507000	10	1	1	22.44
DFT-s-OFDM QPSK	2535	507000	10	1	50	22.31
DFT-s-OFDM QPSK	2535	507000	10	50	0	21.42
DFT-s-OFDM 16QAM	2535	507000	10	25	12	21.44
DFT-s-OFDM 16QAM	2535	507000	10	1	1	21.51
DFT-s-OFDM 16QAM	2535	507000	10	1	50	21.40
DFT-s-OFDM 16QAM	2535	507000	10	50	0	20.33
DFT-s-OFDM 64QAM	2535	507000	10	25	12	19.88
DFT-s-OFDM 64QAM	2535	507000	10	1	1	19.66
DFT-s-OFDM 64QAM	2535	507000	10	1	50	19.56
DFT-s-OFDM 64QAM	2535	507000	10	50	0	19.86
DFT-s-OFDM 256QAM	2535	507000	10	25	12	17.83
DFT-s-OFDM 256QAM	2535	507000	10	1	1	17.73
DFT-s-OFDM 256QAM	2535	507000	10	1	50	17.68
DFT-s-OFDM 256QAM	2535	507000	10	50	0	17.93
CP-OFDM QPSK	2535	507000	10	26	13	20.08
CP-OFDM QPSK	2535	507000	10	1	1	21.08
CP-OFDM QPSK	2535	507000	10	1	50	20.89
CP-OFDM QPSK	2535	507000	10	52	0	19.48
CP-OFDM 16QAM	2535	507000	10	26	13	20.32
CP-OFDM 16QAM	2535	507000	10	1	1	20.63
CP-OFDM 16QAM	2535	507000	10	1	50	20.52
CP-OFDM 16QAM	2535	507000	10	52	0	19.47
CP-OFDM 64QAM	2535	507000	10	26	13	18.94
CP-OFDM 64QAM	2535	507000	10	1	1	18.64
CP-OFDM 64QAM	2535	507000	10	1	50	18.52
CP-OFDM 64QAM	2535	507000	10	52	0	18.91

CP-OFDM 256QAM	2535	507000	10	26	13	15.83
CP-OFDM 256QAM	2535	507000	10	1	1	15.69
CP-OFDM 256QAM	2535	507000	10	1	50	15.53
CP-OFDM 256QAM	2535	507000	10	52	0	15.95
DFT-s-OFDM PI/2 BPSK	2565	513000	10	25	12	17.76
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	1	17.56
DFT-s-OFDM PI/2 BPSK	2565	513000	10	1	50	17.47
DFT-s-OFDM PI/2 BPSK	2565	513000	10	50	0	17.75
DFT-s-OFDM QPSK	2565	513000	10	25	12	22.38
DFT-s-OFDM QPSK	2565	513000	10	1	1	22.21
DFT-s-OFDM QPSK	2565	513000	10	1	50	22.13
DFT-s-OFDM QPSK	2565	513000	10	50	0	21.25
DFT-s-OFDM 16QAM	2565	513000	10	25	12	21.28
DFT-s-OFDM 16QAM	2565	513000	10	1	1	21.37
DFT-s-OFDM 16QAM	2565	513000	10	1	50	21.41
DFT-s-OFDM 16QAM	2565	513000	10	50	0	20.26
DFT-s-OFDM 64QAM	2565	513000	10	25	12	19.72
DFT-s-OFDM 64QAM	2565	513000	10	1	1	19.47
DFT-s-OFDM 64QAM	2565	513000	10	1	50	19.45
DFT-s-OFDM 64QAM	2565	513000	10	50	0	19.71
DFT-s-OFDM 256QAM	2565	513000	10	25	12	17.78
DFT-s-OFDM 256QAM	2565	513000	10	1	1	17.61
DFT-s-OFDM 256QAM	2565	513000	10	1	50	17.48
DFT-s-OFDM 256QAM	2565	513000	10	50	0	17.81
CP-OFDM QPSK	2565	513000	10	26	13	20.90
CP-OFDM QPSK	2565	513000	10	1	1	21.03
CP-OFDM QPSK	2565	513000	10	1	50	20.84
CP-OFDM QPSK	2565	513000	10	52	0	19.34
CP-OFDM 16QAM	2565	513000	10	26	13	20.37
CP-OFDM 16QAM	2565	513000	10	1	1	20.38
CP-OFDM 16QAM	2565	513000	10	1	50	20.36
CP-OFDM 16QAM	2565	513000	10	52	0	19.34
CP-OFDM 64QAM	2565	513000	10	26	13	18.81
CP-OFDM 64QAM	2565	513000	10	1	1	18.51
CP-OFDM 64QAM	2565	513000	10	1	50	18.43
CP-OFDM 64QAM	2565	513000	10	52	0	18.75
CP-OFDM 256QAM	2565	513000	10	26	13	15.76
CP-OFDM 256QAM	2565	513000	10	1	1	15.54
CP-OFDM 256QAM	2565	513000	10	1	50	15.45
CP-OFDM 256QAM	2565	513000	10	52	0	15.86

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	17.97
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	1	1	20.50
DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	1	77	18.13

DFT-s-OFDM PI/2 BPSK	2507.5	501500	15	75	0	18.28
DFT-s-OFDM QPSK	2507.5	501500	15	36	18	22.84
DFT-s-OFDM QPSK	2507.5	501500	15	1	1	22.67
DFT-s-OFDM QPSK	2507.5	501500	15	1	77	22.54
DFT-s-OFDM QPSK	2507.5	501500	15	75	0	21.71
DFT-s-OFDM 16QAM	2507.5	501500	15	36	18	21.78
DFT-s-OFDM 16QAM	2507.5	501500	15	1	1	21.83
DFT-s-OFDM 16QAM	2507.5	501500	15	1	77	21.67
DFT-s-OFDM 16QAM	2507.5	501500	15	75	0	20.69
DFT-s-OFDM 64QAM	2507.5	501500	15	36	18	20.24
DFT-s-OFDM 64QAM	2507.5	501500	15	1	1	19.87
DFT-s-OFDM 64QAM	2507.5	501500	15	1	77	19.88
DFT-s-OFDM 64QAM	2507.5	501500	15	75	0	20.24
DFT-s-OFDM 256QAM	2507.5	501500	15	36	18	18.15
DFT-s-OFDM 256QAM	2507.5	501500	15	1	1	18.09
DFT-s-OFDM 256QAM	2507.5	501500	15	1	77	18.09
DFT-s-OFDM 256QAM	2507.5	501500	15	75	0	18.29
CP-OFDM QPSK	2507.5	501500	15	39	19	20.75
CP-OFDM QPSK	2507.5	501500	15	1	1	21.47
CP-OFDM QPSK	2507.5	501500	15	1	77	21.31
CP-OFDM QPSK	2507.5	501500	15	79	0	19.81
CP-OFDM 16QAM	2507.5	501500	15	39	19	20.81
CP-OFDM 16QAM	2507.5	501500	15	1	1	20.98
CP-OFDM 16QAM	2507.5	501500	15	1	77	20.76
CP-OFDM 16QAM	2507.5	501500	15	79	0	19.79
CP-OFDM 64QAM	2507.5	501500	15	39	19	19.29
CP-OFDM 64QAM	2507.5	501500	15	1	1	18.98
CP-OFDM 64QAM	2507.5	501500	15	1	77	18.68
CP-OFDM 64QAM	2507.5	501500	15	79	0	19.26
CP-OFDM 256QAM	2507.5	501500	15	39	19	16.13
CP-OFDM 256QAM	2507.5	501500	15	1	1	15.90
CP-OFDM 256QAM	2507.5	501500	15	1	77	15.92
CP-OFDM 256QAM	2507.5	501500	15	79	0	16.27
DFT-s-OFDM PI/2 BPSK	2535	507000	15	36	18	18.00
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	1	17.72
DFT-s-OFDM PI/2 BPSK	2535	507000	15	1	77	17.71
DFT-s-OFDM PI/2 BPSK	2535	507000	15	75	0	18.00
DFT-s-OFDM QPSK	2535	507000	15	36	18	22.52
DFT-s-OFDM QPSK	2535	507000	15	1	1	22.41
DFT-s-OFDM QPSK	2535	507000	15	1	77	22.23
DFT-s-OFDM QPSK	2535	507000	15	75	0	21.50
DFT-s-OFDM 16QAM	2535	507000	15	36	18	21.45
DFT-s-OFDM 16QAM	2535	507000	15	1	1	21.58
DFT-s-OFDM 16QAM	2535	507000	15	1	77	21.31
DFT-s-OFDM 16QAM	2535	507000	15	75	0	20.36
DFT-s-OFDM 64QAM	2535	507000	15	36	18	19.91

DFT-s-OFDM 64QAM	2535	507000	15	1	1	19.59
DFT-s-OFDM 64QAM	2535	507000	15	1	77	19.44
DFT-s-OFDM 64QAM	2535	507000	15	75	0	19.94
DFT-s-OFDM 256QAM	2535	507000	15	36	18	18.01
DFT-s-OFDM 256QAM	2535	507000	15	1	1	17.82
DFT-s-OFDM 256QAM	2535	507000	15	1	77	17.81
DFT-s-OFDM 256QAM	2535	507000	15	75	0	18.10
CP-OFDM QPSK	2535	507000	15	39	19	20.15
CP-OFDM QPSK	2535	507000	15	1	1	21.14
CP-OFDM QPSK	2535	507000	15	1	77	21.01
CP-OFDM QPSK	2535	507000	15	79	0	19.58
CP-OFDM 16QAM	2535	507000	15	39	19	20.51
CP-OFDM 16QAM	2535	507000	15	1	1	20.81
CP-OFDM 16QAM	2535	507000	15	1	77	20.47
CP-OFDM 16QAM	2535	507000	15	79	0	19.49
CP-OFDM 64QAM	2535	507000	15	39	19	19.01
CP-OFDM 64QAM	2535	507000	15	1	1	18.69
CP-OFDM 64QAM	2535	507000	15	1	77	18.51
CP-OFDM 64QAM	2535	507000	15	79	0	18.90
CP-OFDM 256QAM	2535	507000	15	39	19	16.00
CP-OFDM 256QAM	2535	507000	15	1	1	15.69
CP-OFDM 256QAM	2535	507000	15	1	77	15.64
CP-OFDM 256QAM	2535	507000	15	79	0	15.96
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	36	18	17.99
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	1	17.65
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	1	77	17.62
DFT-s-OFDM PI/2 BPSK	2562.5	512500	15	75	0	17.87
DFT-s-OFDM QPSK	2562.5	512500	15	36	18	22.50
DFT-s-OFDM QPSK	2562.5	512500	15	1	1	22.23
DFT-s-OFDM QPSK	2562.5	512500	15	1	77	22.17
DFT-s-OFDM QPSK	2562.5	512500	15	75	0	21.41
DFT-s-OFDM 16QAM	2562.5	512500	15	36	18	21.47
DFT-s-OFDM 16QAM	2562.5	512500	15	1	1	21.40
DFT-s-OFDM 16QAM	2562.5	512500	15	1	77	21.41
DFT-s-OFDM 16QAM	2562.5	512500	15	75	0	20.35
DFT-s-OFDM 64QAM	2562.5	512500	15	36	18	19.83
DFT-s-OFDM 64QAM	2562.5	512500	15	1	1	19.41
DFT-s-OFDM 64QAM	2562.5	512500	15	1	77	19.29
DFT-s-OFDM 64QAM	2562.5	512500	15	75	0	19.85
DFT-s-OFDM 256QAM	2562.5	512500	15	36	18	17.86
DFT-s-OFDM 256QAM	2562.5	512500	15	1	1	17.75
DFT-s-OFDM 256QAM	2562.5	512500	15	1	77	17.77
DFT-s-OFDM 256QAM	2562.5	512500	15	75	0	18.04
CP-OFDM QPSK	2562.5	512500	15	39	19	20.33
CP-OFDM QPSK	2562.5	512500	15	1	1	21.19
CP-OFDM QPSK	2562.5	512500	15	1	77	20.98

CP-OFDM QPSK	2562.5	512500	15	79	0	19.50
CP-OFDM 16QAM	2562.5	512500	15	39	19	20.48
CP-OFDM 16QAM	2562.5	512500	15	1	1	20.64
CP-OFDM 16QAM	2562.5	512500	15	1	77	20.59
CP-OFDM 16QAM	2562.5	512500	15	79	0	19.42
CP-OFDM 64QAM	2562.5	512500	15	39	19	18.97
CP-OFDM 64QAM	2562.5	512500	15	1	1	18.63
CP-OFDM 64QAM	2562.5	512500	15	1	77	18.47
CP-OFDM 64QAM	2562.5	512500	15	79	0	18.92
CP-OFDM 256QAM	2562.5	512500	15	39	19	15.88
CP-OFDM 256QAM	2562.5	512500	15	1	1	15.74
CP-OFDM 256QAM	2562.5	512500	15	1	77	15.58
CP-OFDM 256QAM	2562.5	512500	15	79	0	15.97

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	18.30
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	1	18.02
DFT-s-OFDM PI/2 BPSK	2510	502000	20	1	104	17.92
DFT-s-OFDM PI/2 BPSK	2510	502000	20	100	0	18.14
DFT-s-OFDM QPSK	2510	502000	20	50	25	22.70
DFT-s-OFDM QPSK	2510	502000	20	1	1	22.54
DFT-s-OFDM QPSK	2510	502000	20	1	104	22.45
DFT-s-OFDM QPSK	2510	502000	20	100	0	21.72
DFT-s-OFDM 16QAM	2510	502000	20	50	25	21.74
DFT-s-OFDM 16QAM	2510	502000	20	1	1	21.72
DFT-s-OFDM 16QAM	2510	502000	20	1	104	21.64
DFT-s-OFDM 16QAM	2510	502000	20	100	0	20.61
DFT-s-OFDM 64QAM	2510	502000	20	50	25	20.14
DFT-s-OFDM 64QAM	2510	502000	20	1	1	19.92
DFT-s-OFDM 64QAM	2510	502000	20	1	104	19.74
DFT-s-OFDM 64QAM	2510	502000	20	100	0	20.22
DFT-s-OFDM 256QAM	2510	502000	20	50	25	18.12
DFT-s-OFDM 256QAM	2510	502000	20	1	1	17.98
DFT-s-OFDM 256QAM	2510	502000	20	1	104	18.00
DFT-s-OFDM 256QAM	2510	502000	20	100	0	18.05
CP-OFDM QPSK	2510	502000	20	53	26	21.32
CP-OFDM QPSK	2510	502000	20	1	1	21.17
CP-OFDM QPSK	2510	502000	20	1	104	21.32
CP-OFDM QPSK	2510	502000	20	106	0	19.78
CP-OFDM 16QAM	2510	502000	20	53	26	20.86
CP-OFDM 16QAM	2510	502000	20	1	1	20.99
CP-OFDM 16QAM	2510	502000	20	1	104	20.83
CP-OFDM 16QAM	2510	502000	20	106	0	19.74
CP-OFDM 64QAM	2510	502000	20	53	26	19.39
CP-OFDM 64QAM	2510	502000	20	1	1	18.89



CP-OFDM 64QAM	2510	502000	20	1	104	18.81
CP-OFDM 64QAM	2510	502000	20	106	0	19.26
CP-OFDM 256QAM	2510	502000	20	53	26	16.19
CP-OFDM 256QAM	2510	502000	20	1	1	16.04
CP-OFDM 256QAM	2510	502000	20	1	104	15.91
CP-OFDM 256QAM	2510	502000	20	106	0	16.27
DFT-s-OFDM PI/2 BPSK	2535	507000	20	50	25	18.00
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	1	17.75
DFT-s-OFDM PI/2 BPSK	2535	507000	20	1	104	17.65
DFT-s-OFDM PI/2 BPSK	2535	507000	20	100	0	18.00
DFT-s-OFDM QPSK	2535	507000	20	50	25	22.51
DFT-s-OFDM QPSK	2535	507000	20	1	1	22.50
DFT-s-OFDM QPSK	2535	507000	20	1	104	22.18
DFT-s-OFDM QPSK	2535	507000	20	100	0	21.47
DFT-s-OFDM 16QAM	2535	507000	20	50	25	21.44
DFT-s-OFDM 16QAM	2535	507000	20	1	1	21.58
DFT-s-OFDM 16QAM	2535	507000	20	1	104	21.35
DFT-s-OFDM 16QAM	2535	507000	20	100	0	20.44
DFT-s-OFDM 64QAM	2535	507000	20	50	25	19.95
DFT-s-OFDM 64QAM	2535	507000	20	1	1	19.61
DFT-s-OFDM 64QAM	2535	507000	20	1	104	19.50
DFT-s-OFDM 64QAM	2535	507000	20	100	0	20.04
DFT-s-OFDM 256QAM	2535	507000	20	50	25	18.00
DFT-s-OFDM 256QAM	2535	507000	20	1	1	17.92
DFT-s-OFDM 256QAM	2535	507000	20	1	104	17.61
DFT-s-OFDM 256QAM	2535	507000	20	100	0	18.08
CP-OFDM QPSK	2535	507000	20	53	26	20.39
CP-OFDM QPSK	2535	507000	20	1	1	21.23
CP-OFDM QPSK	2535	507000	20	1	104	20.91
CP-OFDM QPSK	2535	507000	20	106	0	19.55
CP-OFDM 16QAM	2535	507000	20	53	26	20.49
CP-OFDM 16QAM	2535	507000	20	1	1	20.82
CP-OFDM 16QAM	2535	507000	20	1	104	20.46
CP-OFDM 16QAM	2535	507000	20	106	0	19.46
CP-OFDM 64QAM	2535	507000	20	53	26	19.11
CP-OFDM 64QAM	2535	507000	20	1	1	18.70
CP-OFDM 64QAM	2535	507000	20	1	104	18.49
CP-OFDM 64QAM	2535	507000	20	106	0	19.00
CP-OFDM 256QAM	2535	507000	20	53	26	15.85
CP-OFDM 256QAM	2535	507000	20	1	1	15.76
CP-OFDM 256QAM	2535	507000	20	1	104	15.60
CP-OFDM 256QAM	2535	507000	20	106	0	16.05
DFT-s-OFDM PI/2 BPSK	2560	512000	20	50	25	17.96
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	1	17.64
DFT-s-OFDM PI/2 BPSK	2560	512000	20	1	104	17.63
DFT-s-OFDM PI/2 BPSK	2560	512000	20	100	0	17.95

DFT-s-OFDM QPSK	2560	512000	20	50	25	22.47
DFT-s-OFDM QPSK	2560	512000	20	1	1	22.33
DFT-s-OFDM QPSK	2560	512000	20	1	104	22.14
DFT-s-OFDM QPSK	2560	512000	20	100	0	21.42
DFT-s-OFDM 16QAM	2560	512000	20	50	25	21.39
DFT-s-OFDM 16QAM	2560	512000	20	1	1	21.43
DFT-s-OFDM 16QAM	2560	512000	20	1	104	21.40
DFT-s-OFDM 16QAM	2560	512000	20	100	0	20.47
DFT-s-OFDM 64QAM	2560	512000	20	50	25	19.89
DFT-s-OFDM 64QAM	2560	512000	20	1	1	19.60
DFT-s-OFDM 64QAM	2560	512000	20	1	104	19.42
DFT-s-OFDM 64QAM	2560	512000	20	100	0	19.86
DFT-s-OFDM 256QAM	2560	512000	20	50	25	17.93
DFT-s-OFDM 256QAM	2560	512000	20	1	1	17.82
DFT-s-OFDM 256QAM	2560	512000	20	1	104	17.71
DFT-s-OFDM 256QAM	2560	512000	20	100	0	18.02
CP-OFDM QPSK	2560	512000	20	53	26	-34.28
CP-OFDM QPSK	2560	512000	20	1	1	21.20
CP-OFDM QPSK	2560	512000	20	1	104	20.94
CP-OFDM QPSK	2560	512000	20	106	0	19.50
CP-OFDM 16QAM	2560	512000	20	53	26	20.55
CP-OFDM 16QAM	2560	512000	20	1	1	20.68
CP-OFDM 16QAM	2560	512000	20	1	104	20.56
CP-OFDM 16QAM	2560	512000	20	106	0	19.37
CP-OFDM 64QAM	2560	512000	20	53	26	18.99
CP-OFDM 64QAM	2560	512000	20	1	1	18.54
CP-OFDM 64QAM	2560	512000	20	1	104	18.41
CP-OFDM 64QAM	2560	512000	20	106	0	18.87
CP-OFDM 256QAM	2560	512000	20	53	26	15.82
CP-OFDM 256QAM	2560	512000	20	1	1	15.67
CP-OFDM 256QAM	2560	512000	20	1	104	15.65
CP-OFDM 256QAM	2560	512000	20	106	0	15.91

## 2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	2502.5	500500	5	25	0	4.500	Fig.1
CP-OFDM 16QAM	2502.5	500500	5	25	0	4.490	Fig.2
CP-OFDM 64QAM	2502.5	500500	5	25	0	4.500	Fig.3
CP-OFDM 256QAM	2502.5	500500	5	25	0	4.510	Fig.4
CP-OFDM QPSK	2535	507000	5	25	0	4.510	Fig.5
CP-OFDM 16QAM	2535	507000	5	25	0	4.500	Fig.6
CP-OFDM 64QAM	2535	507000	5	25	0	4.500	Fig.7
CP-OFDM 256QAM	2535	507000	5	25	0	4.520	Fig.8
CP-OFDM QPSK	2567.5	513500	5	25	0	4.520	Fig.9
CP-OFDM 16QAM	2567.5	513500	5	25	0	4.500	Fig.10
CP-OFDM 64QAM	2567.5	513500	5	25	0	4.500	Fig.11
CP-OFDM 256QAM	2567.5	513500	5	25	0	4.520	Fig.12
CP-OFDM QPSK	2505	501000	10	52	0	9.300	Fig.13
CP-OFDM 16QAM	2505	501000	10	52	0	9.300	Fig.14
CP-OFDM 64QAM	2505	501000	10	52	0	9.310	Fig.15
CP-OFDM 256QAM	2505	501000	10	52	0	9.300	Fig.16
CP-OFDM QPSK	2535	507000	10	52	0	9.310	Fig.17
CP-OFDM 16QAM	2535	507000	10	52	0	9.280	Fig.18
CP-OFDM 64QAM	2535	507000	10	52	0	9.290	Fig.19
CP-OFDM 256QAM	2535	507000	10	52	0	9.290	Fig.20
CP-OFDM QPSK	2565	513000	10	52	0	9.300	Fig.21
CP-OFDM 16QAM	2565	513000	10	52	0	9.300	Fig.22
CP-OFDM 64QAM	2565	513000	10	52	0	9.310	Fig.23
CP-OFDM 256QAM	2565	513000	10	52	0	9.300	Fig.24
CP-OFDM QPSK	2507.5	501500	15	79	0	14.220	Fig.25
CP-OFDM 16QAM	2507.5	501500	15	79	0	14.210	Fig.26
CP-OFDM 64QAM	2507.5	501500	15	79	0	14.250	Fig.27
CP-OFDM 256QAM	2507.5	501500	15	79	0	14.180	Fig.28
CP-OFDM QPSK	2535	507000	15	79	0	14.220	Fig.29
CP-OFDM 16QAM	2535	507000	15	79	0	14.200	Fig.30
CP-OFDM 64QAM	2535	507000	15	79	0	14.240	Fig.31
CP-OFDM 256QAM	2535	507000	15	79	0	14.190	Fig.32
CP-OFDM QPSK	2562.5	512500	15	79	0	14.210	Fig.33
CP-OFDM 16QAM	2562.5	512500	15	79	0	14.200	Fig.34
CP-OFDM 64QAM	2562.5	512500	15	79	0	14.250	Fig.35
CP-OFDM 256QAM	2562.5	512500	15	79	0	14.170	Fig.36
CP-OFDM QPSK	2510	502000	20	106	0	19.040	Fig.37
CP-OFDM 16QAM	2510	502000	20	106	0	19.040	Fig.38
CP-OFDM 64QAM	2510	502000	20	106	0	19.020	Fig.39
CP-OFDM 256QAM	2510	502000	20	106	0	19.030	Fig.40
CP-OFDM QPSK	2535	507000	20	106	0	19.040	Fig.41
CP-OFDM 16QAM	2535	507000	20	106	0	19.050	Fig.42
CP-OFDM 64QAM	2535	507000	20	106	0	19.020	Fig.43

CP-OFDM 256QAM	2535	507000	20	106	0	19.000	Fig.44
CP-OFDM QPSK	2560	512000	20	106	0	19.020	Fig.45
CP-OFDM 16QAM	2560	512000	20	106	0	19.010	Fig.46
CP-OFDM 64QAM	2560	512000	20	106	0	19.000	Fig.47
CP-OFDM 256QAM	2560	512000	20	106	0	19.020	Fig.48

Test Plot:

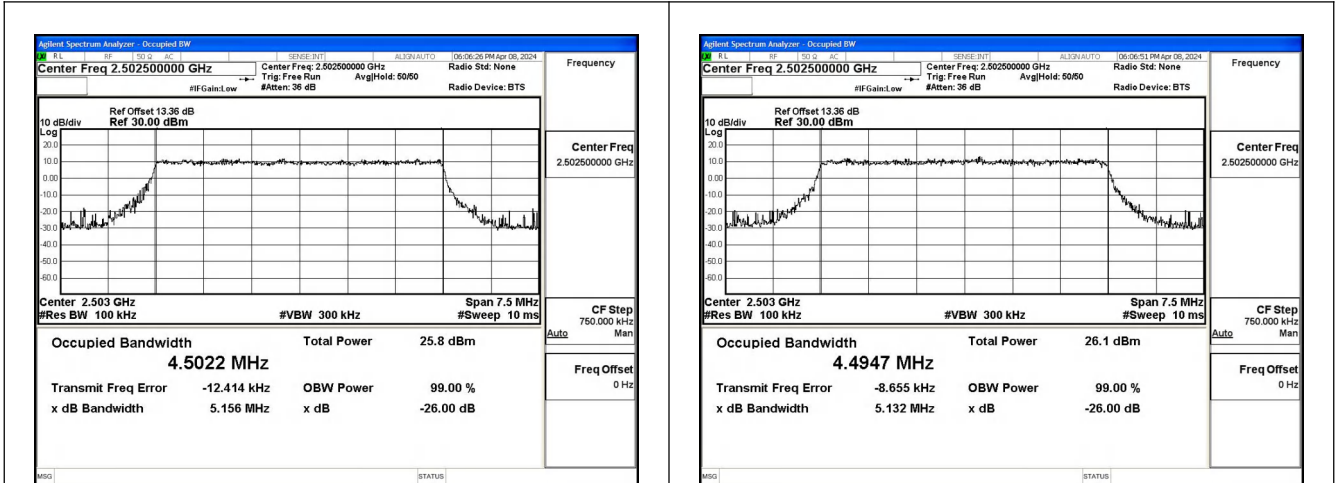


Fig.1

Fig.2

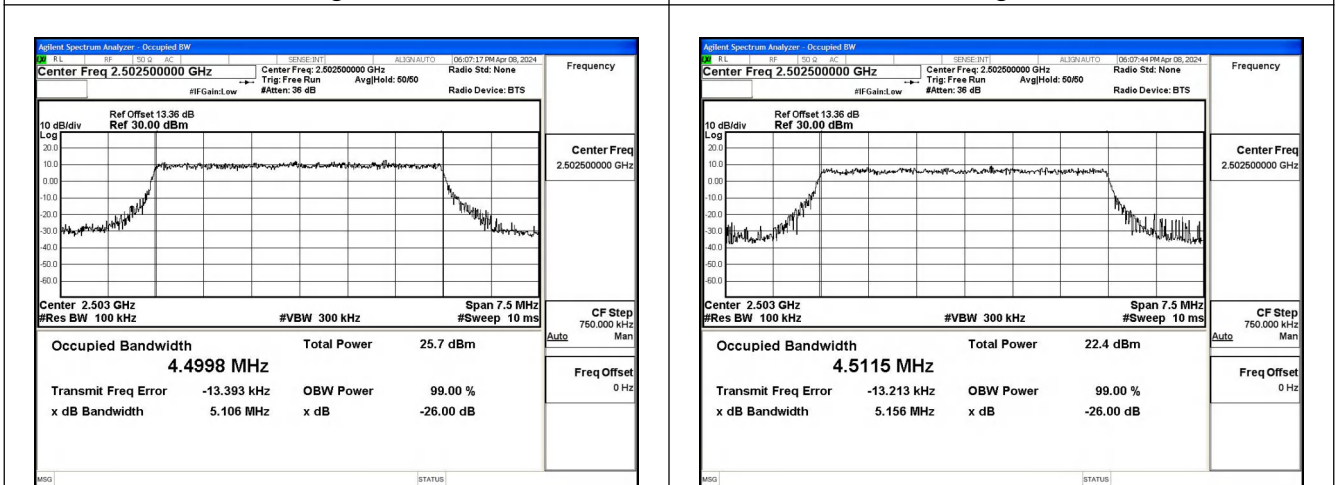


Fig.3

Fig.4

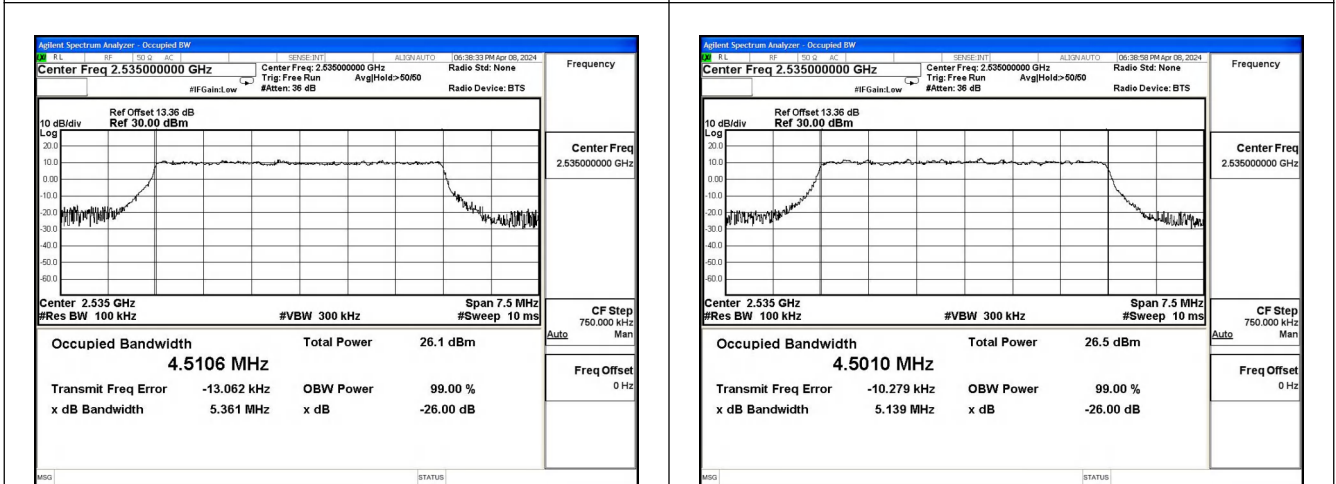


Fig.5

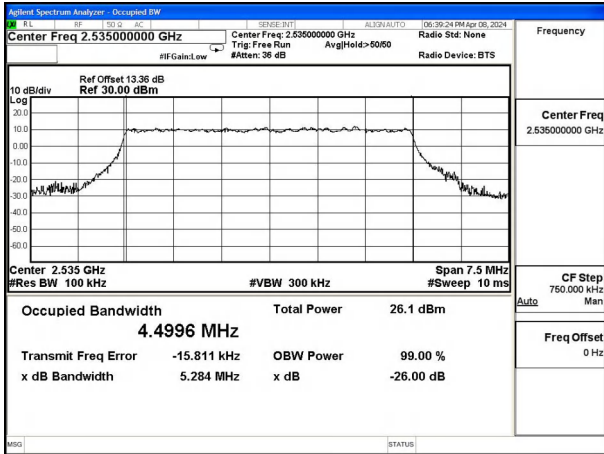


Fig.6

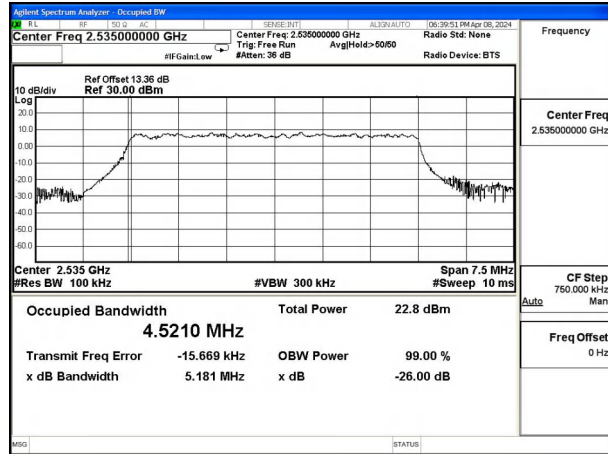


Fig.7

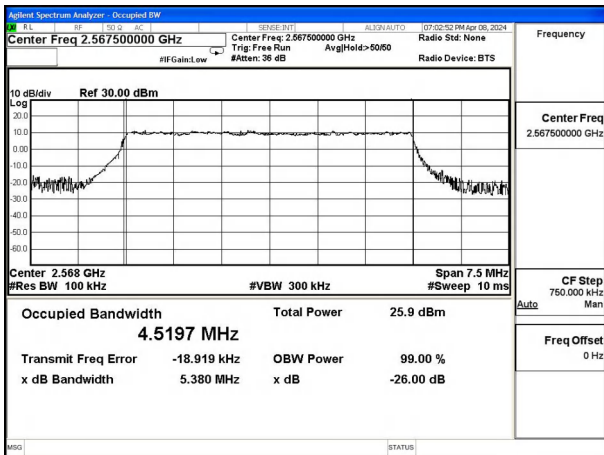


Fig.8

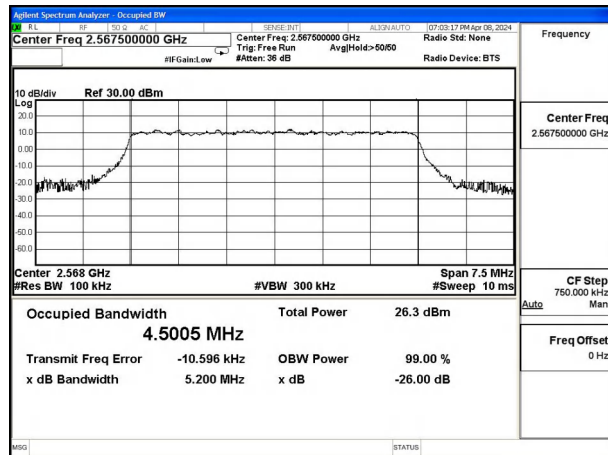


Fig.9

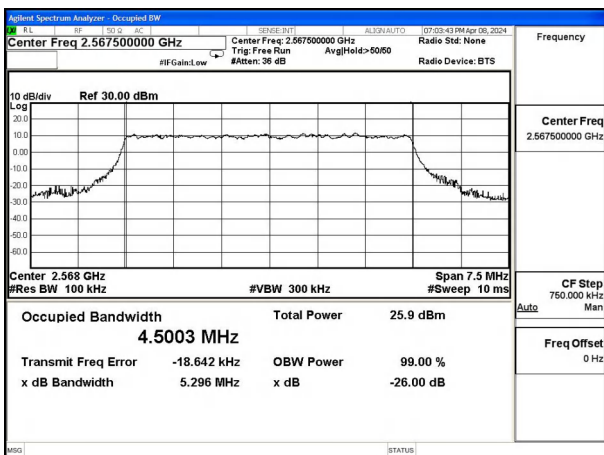


Fig.10

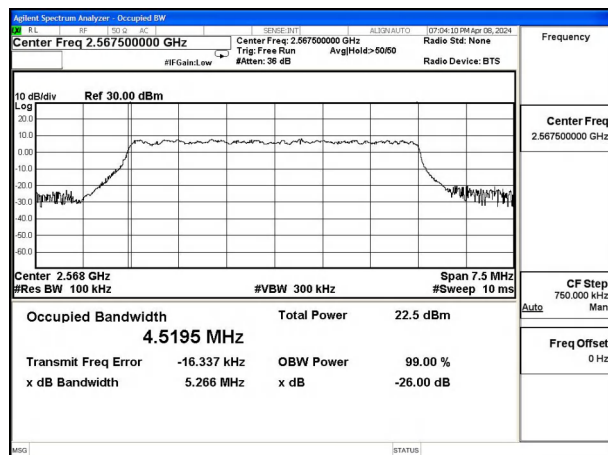


Fig.11

Fig.12

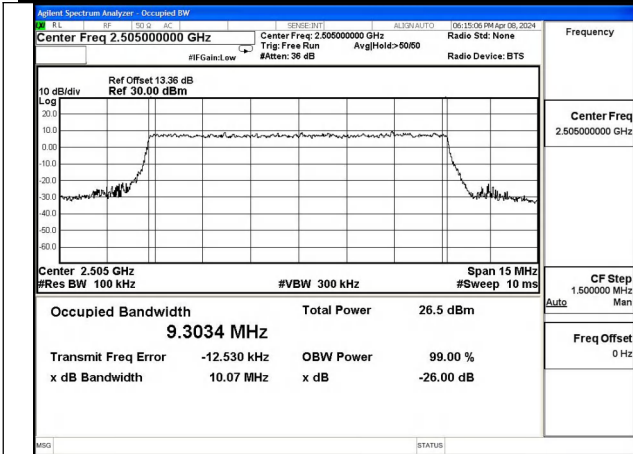


Fig.13

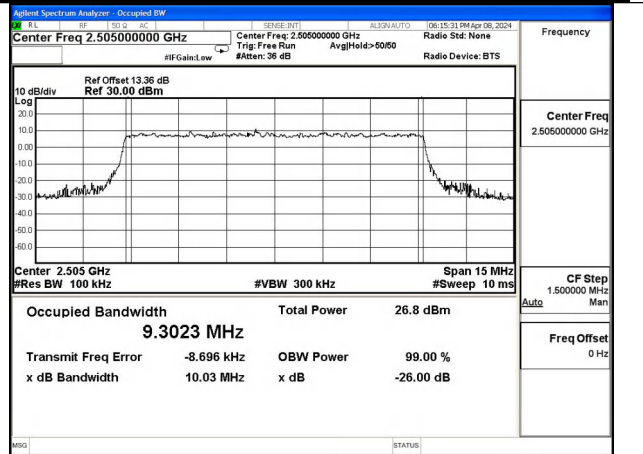


Fig.14

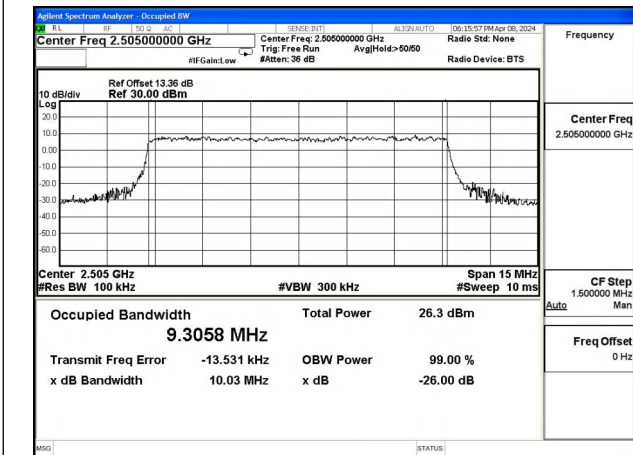


Fig.15

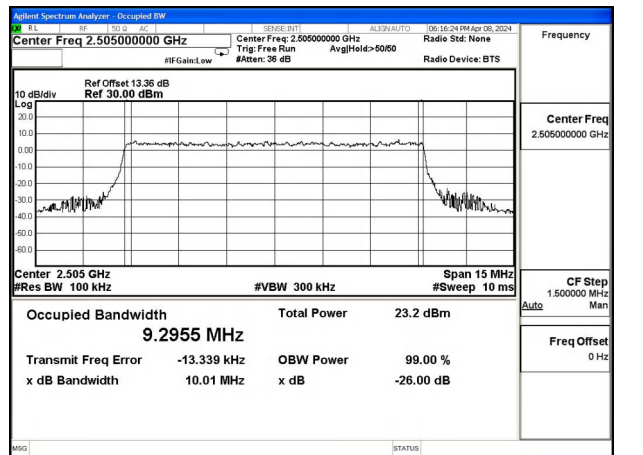


Fig.16

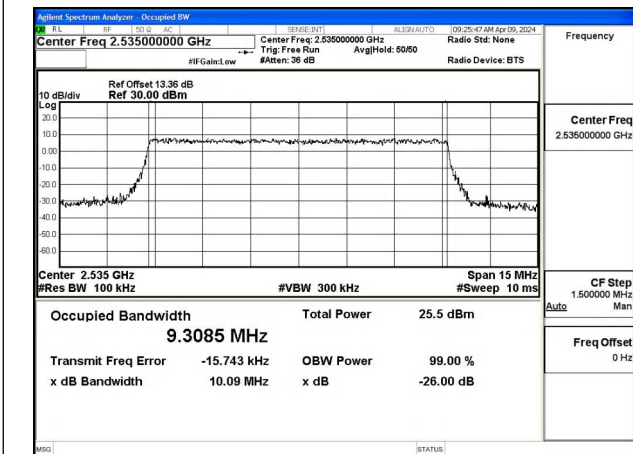


Fig.17

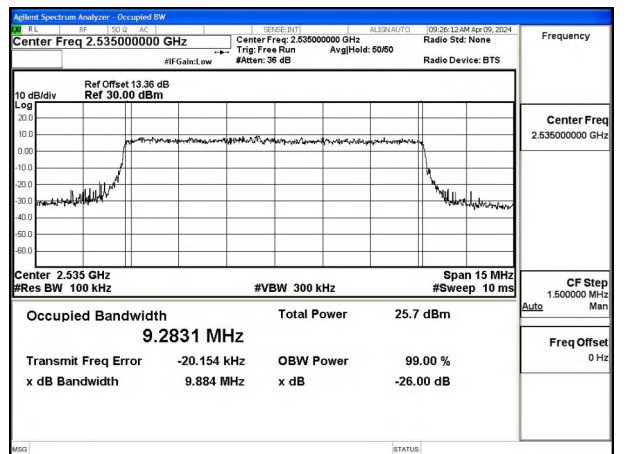


Fig.18

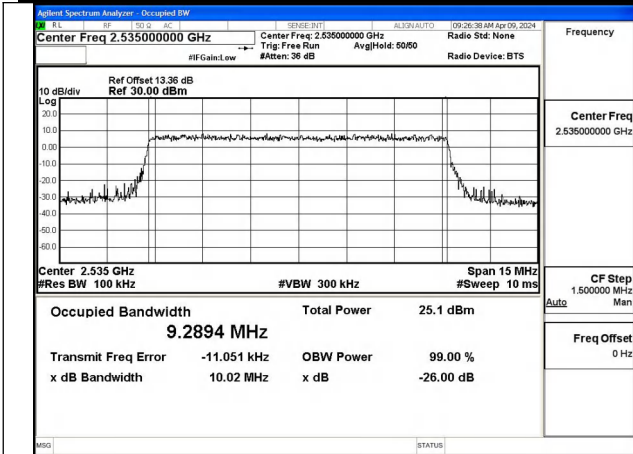


Fig.19

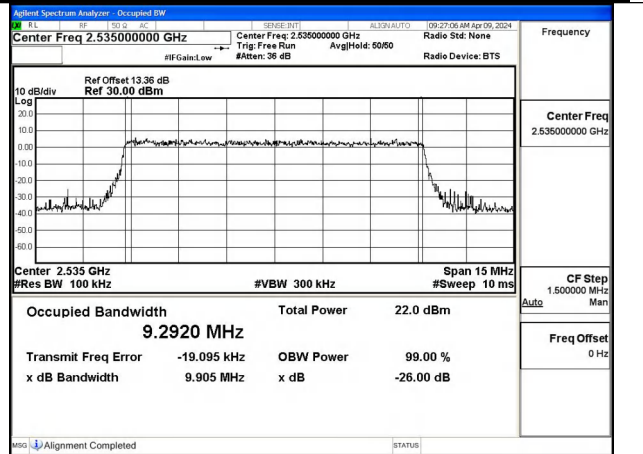


Fig.20

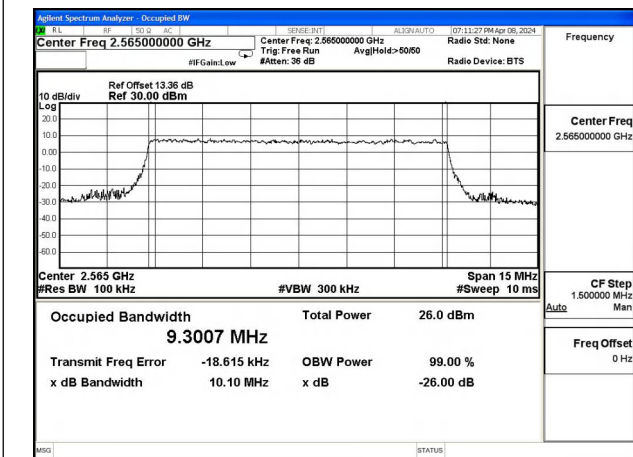


Fig.21

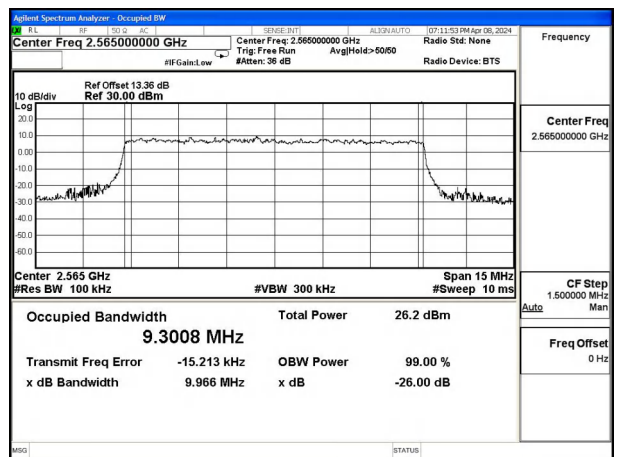


Fig.22

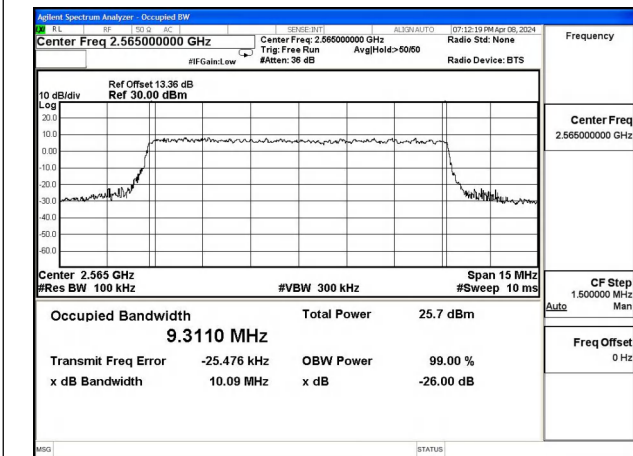


Fig.23

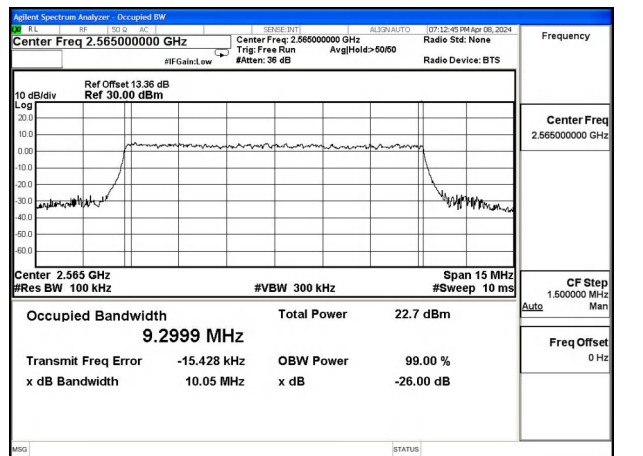


Fig.24

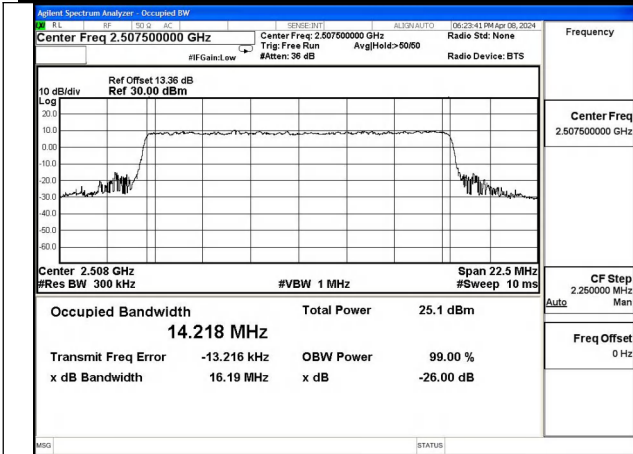


Fig.25

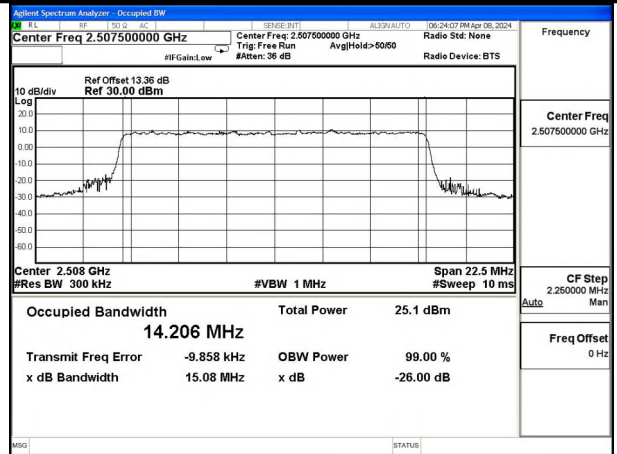


Fig.26

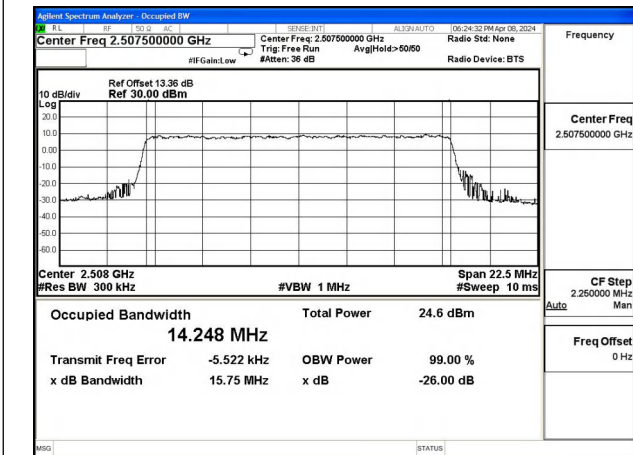


Fig.27

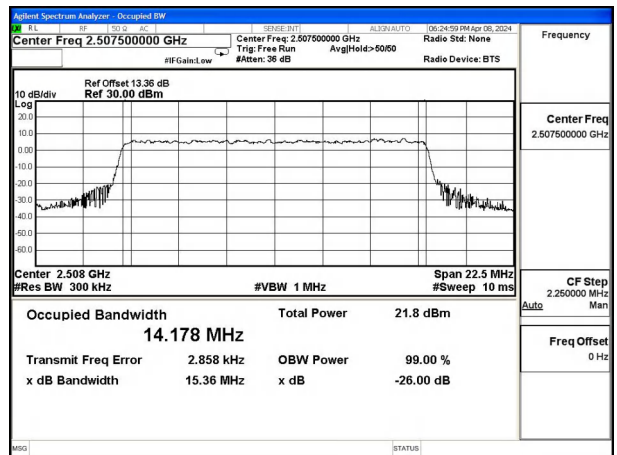


Fig.28

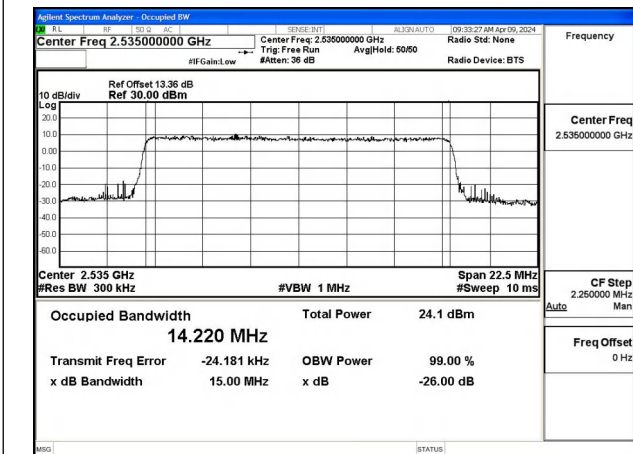


Fig.29

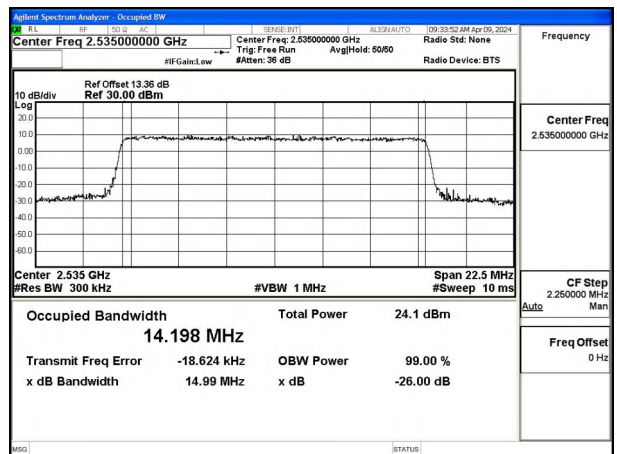


Fig.30



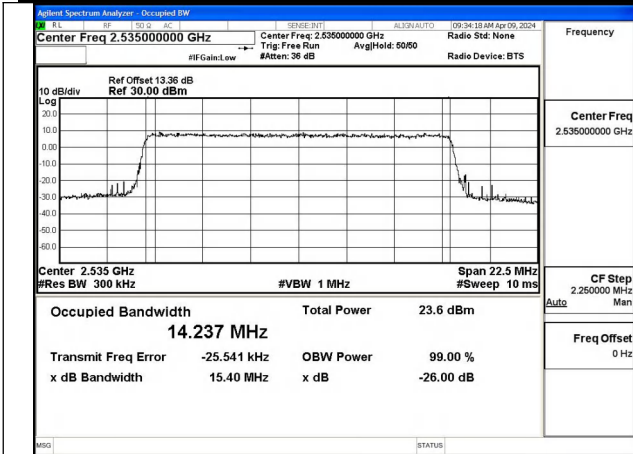


Fig.31

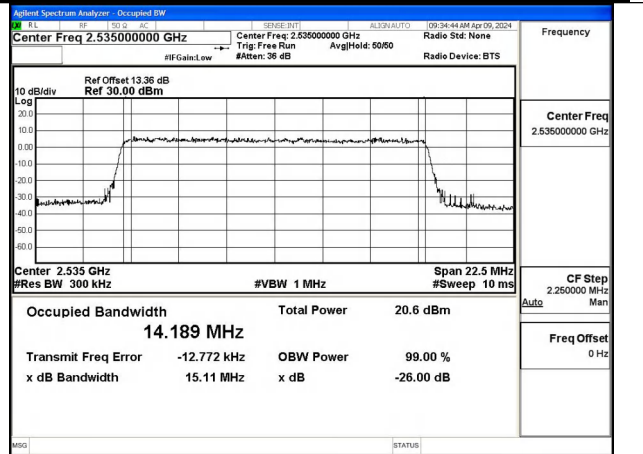


Fig.32

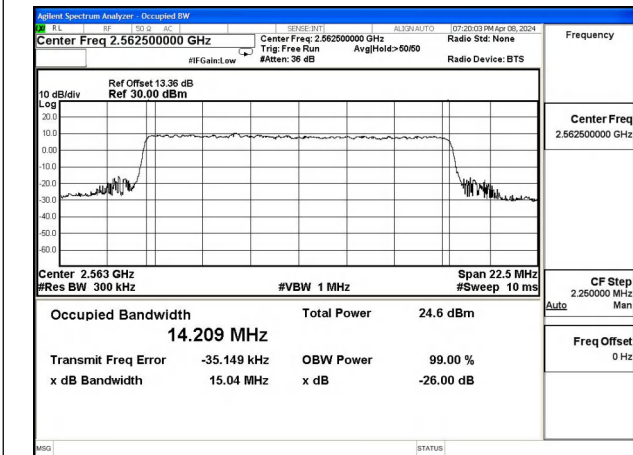


Fig.33

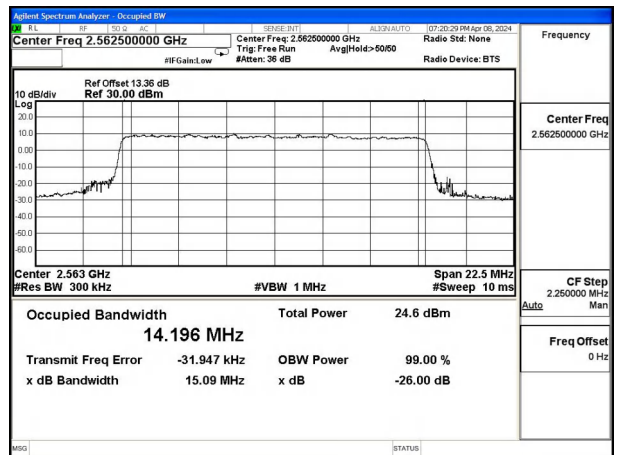


Fig.34

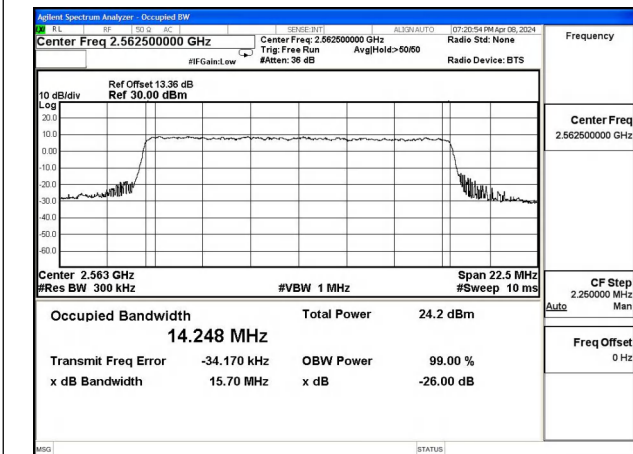


Fig.35

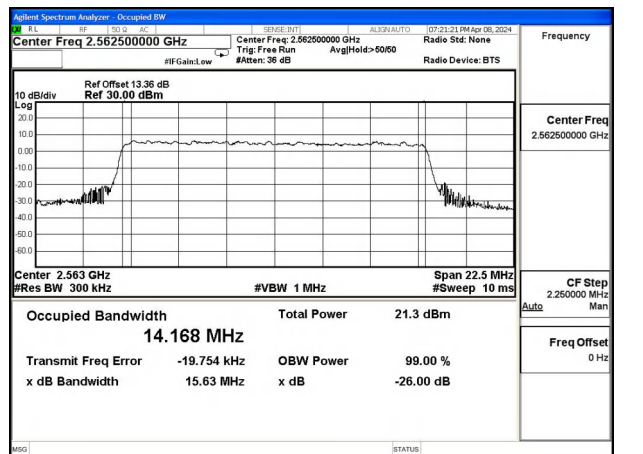


Fig.36

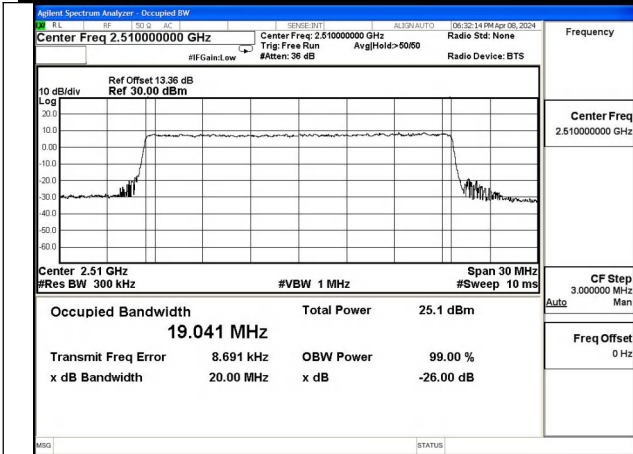


Fig.37

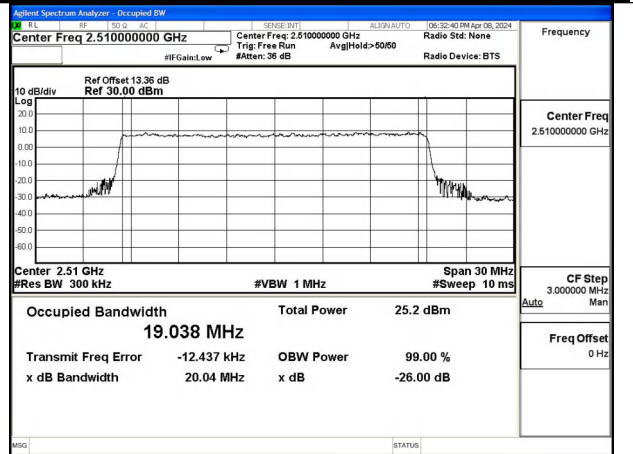


Fig.38

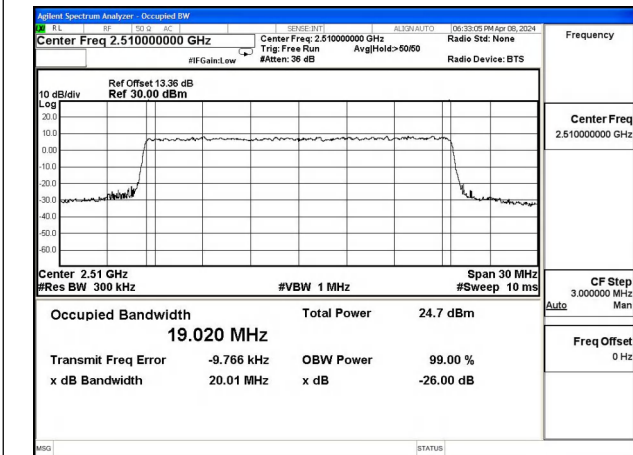


Fig.39

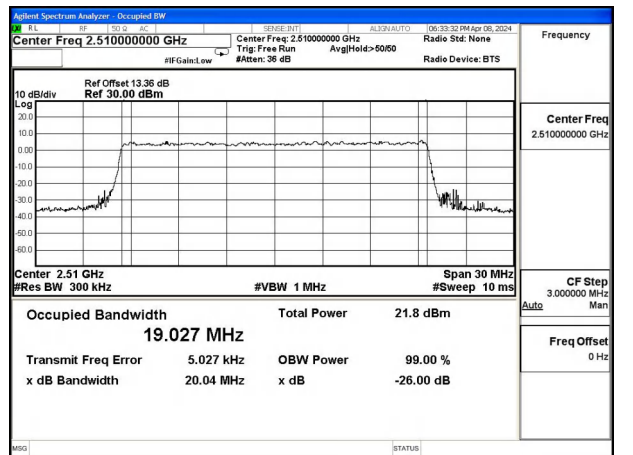


Fig.40

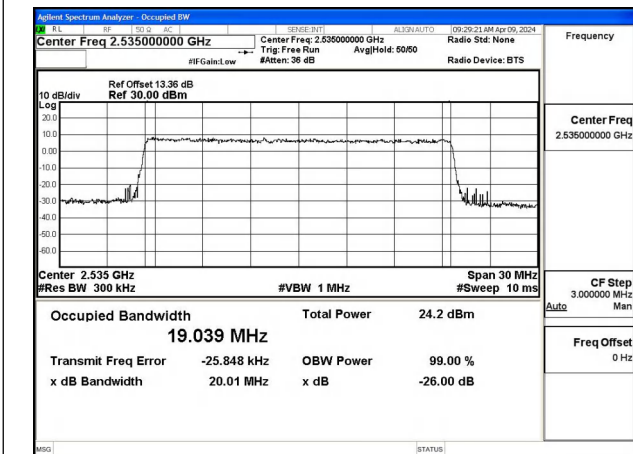


Fig.41

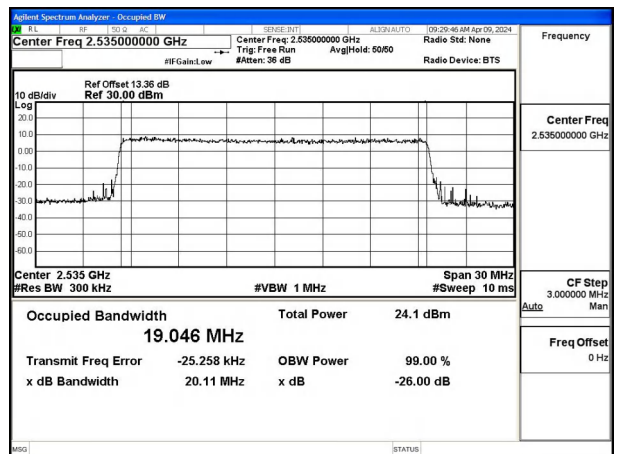


Fig.42

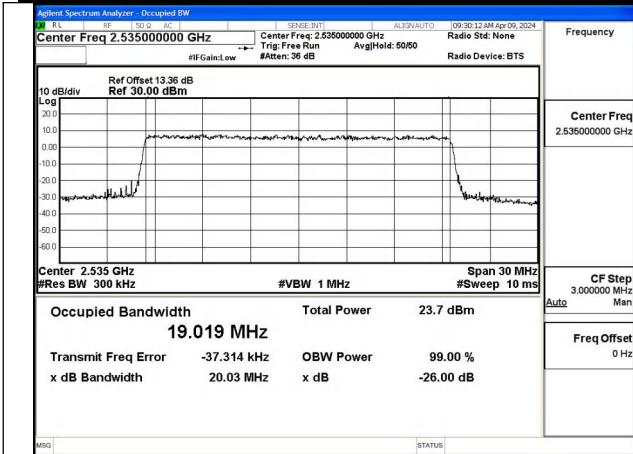


Fig.43

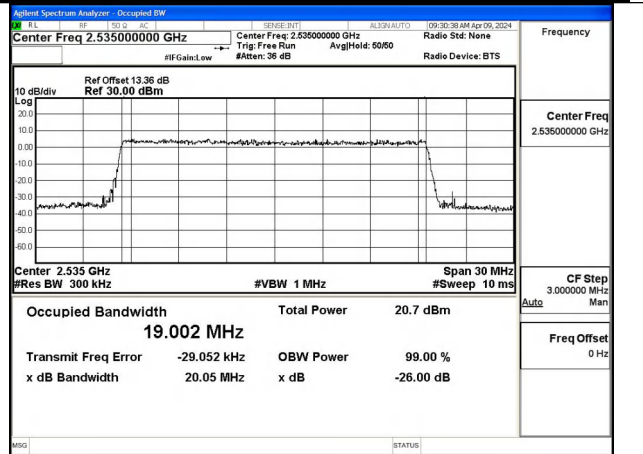


Fig.44

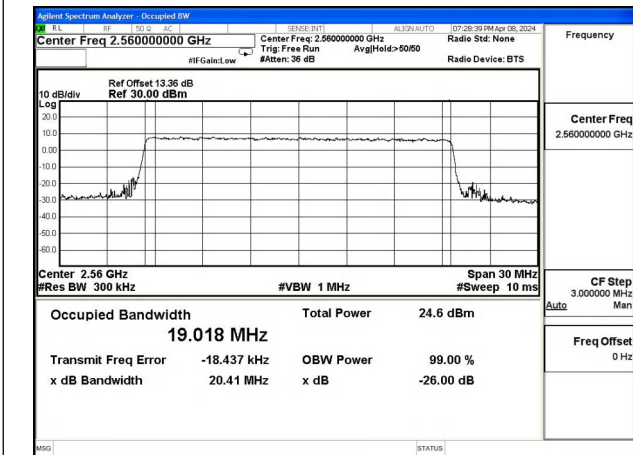


Fig.45

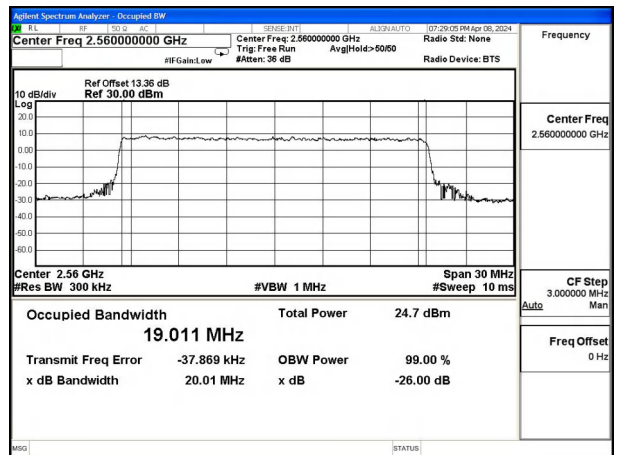


Fig.46

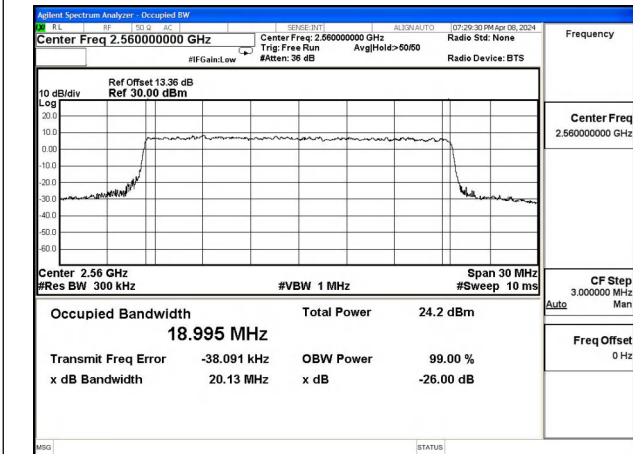


Fig.47

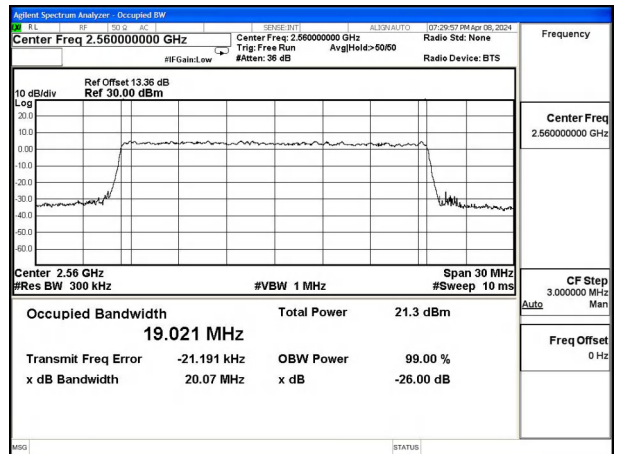


Fig.48

### 3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	2502.5	500500	5	25	0	5.160	Fig.1
CP-OFDM 16QAM	2502.5	500500	5	25	0	5.130	Fig.2
CP-OFDM 64QAM	2502.5	500500	5	25	0	5.110	Fig.3
CP-OFDM 256QAM	2502.5	500500	5	25	0	5.160	Fig.4
CP-OFDM QPSK	2535	507000	5	25	0	5.360	Fig.5
CP-OFDM 16QAM	2535	507000	5	25	0	5.140	Fig.6
CP-OFDM 64QAM	2535	507000	5	25	0	5.280	Fig.7
CP-OFDM 256QAM	2535	507000	5	25	0	5.180	Fig.8
CP-OFDM QPSK	2567.5	513500	5	25	0	5.380	Fig.9
CP-OFDM 16QAM	2567.5	513500	5	25	0	5.200	Fig.10
CP-OFDM 64QAM	2567.5	513500	5	25	0	5.300	Fig.11
CP-OFDM 256QAM	2567.5	513500	5	25	0	5.270	Fig.12
CP-OFDM QPSK	2505	501000	10	52	0	10.070	Fig.13
CP-OFDM 16QAM	2505	501000	10	52	0	10.060	Fig.14
CP-OFDM 64QAM	2505	501000	10	52	0	10.030	Fig.15
CP-OFDM 256QAM	2505	501000	10	52	0	10.010	Fig.16
CP-OFDM QPSK	2535	507000	10	52	0	10.090	Fig.17
CP-OFDM 16QAM	2535	507000	10	52	0	9.880	Fig.18
CP-OFDM 64QAM	2535	507000	10	52	0	10.020	Fig.19
CP-OFDM 256QAM	2535	507000	10	52	0	9.900	Fig.20
CP-OFDM QPSK	2565	513000	10	52	0	10.100	Fig.21
CP-OFDM 16QAM	2565	513000	10	52	0	9.970	Fig.22
CP-OFDM 64QAM	2565	513000	10	52	0	10.090	Fig.23
CP-OFDM 256QAM	2565	513000	10	52	0	10.050	Fig.24
CP-OFDM QPSK	2507.5	501500	15	79	0	16.190	Fig.25
CP-OFDM 16QAM	2507.5	501500	15	79	0	15.080	Fig.26
CP-OFDM 64QAM	2507.5	501500	15	79	0	15.750	Fig.27
CP-OFDM 256QAM	2507.5	501500	15	79	0	15.360	Fig.28
CP-OFDM QPSK	2535	507000	15	79	0	15.000	Fig.29
CP-OFDM 16QAM	2535	507000	15	79	0	14.990	Fig.30
CP-OFDM 64QAM	2535	507000	15	79	0	15.400	Fig.31
CP-OFDM 256QAM	2535	507000	15	79	0	15.110	Fig.32
CP-OFDM QPSK	2562.5	512500	15	79	0	15.040	Fig.33
CP-OFDM 16QAM	2562.5	512500	15	79	0	15.050	Fig.34
CP-OFDM 64QAM	2562.5	512500	15	79	0	15.700	Fig.35
CP-OFDM 256QAM	2562.5	512500	15	79	0	15.630	Fig.36
CP-OFDM QPSK	2510	502000	20	106	0	20.000	Fig.37
CP-OFDM 16QAM	2510	502000	20	106	0	20.040	Fig.38
CP-OFDM 64QAM	2510	502000	20	106	0	20.010	Fig.39
CP-OFDM 256QAM	2510	502000	20	106	0	20.040	Fig.40
CP-OFDM QPSK	2535	507000	20	106	0	20.010	Fig.41
CP-OFDM 16QAM	2535	507000	20	106	0	20.110	Fig.42
CP-OFDM 64QAM	2535	507000	20	106	0	20.030	Fig.43

CP-OFDM 256QAM	2535	507000	20	106	0	20.050	Fig.44
CP-OFDM QPSK	2560	512000	20	106	0	20.410	Fig.45
CP-OFDM 16QAM	2560	512000	20	106	0	19.990	Fig.46
CP-OFDM 64QAM	2560	512000	20	106	0	20.130	Fig.47
CP-OFDM 256QAM	2560	512000	20	106	0	20.070	Fig.48

Test Plot:

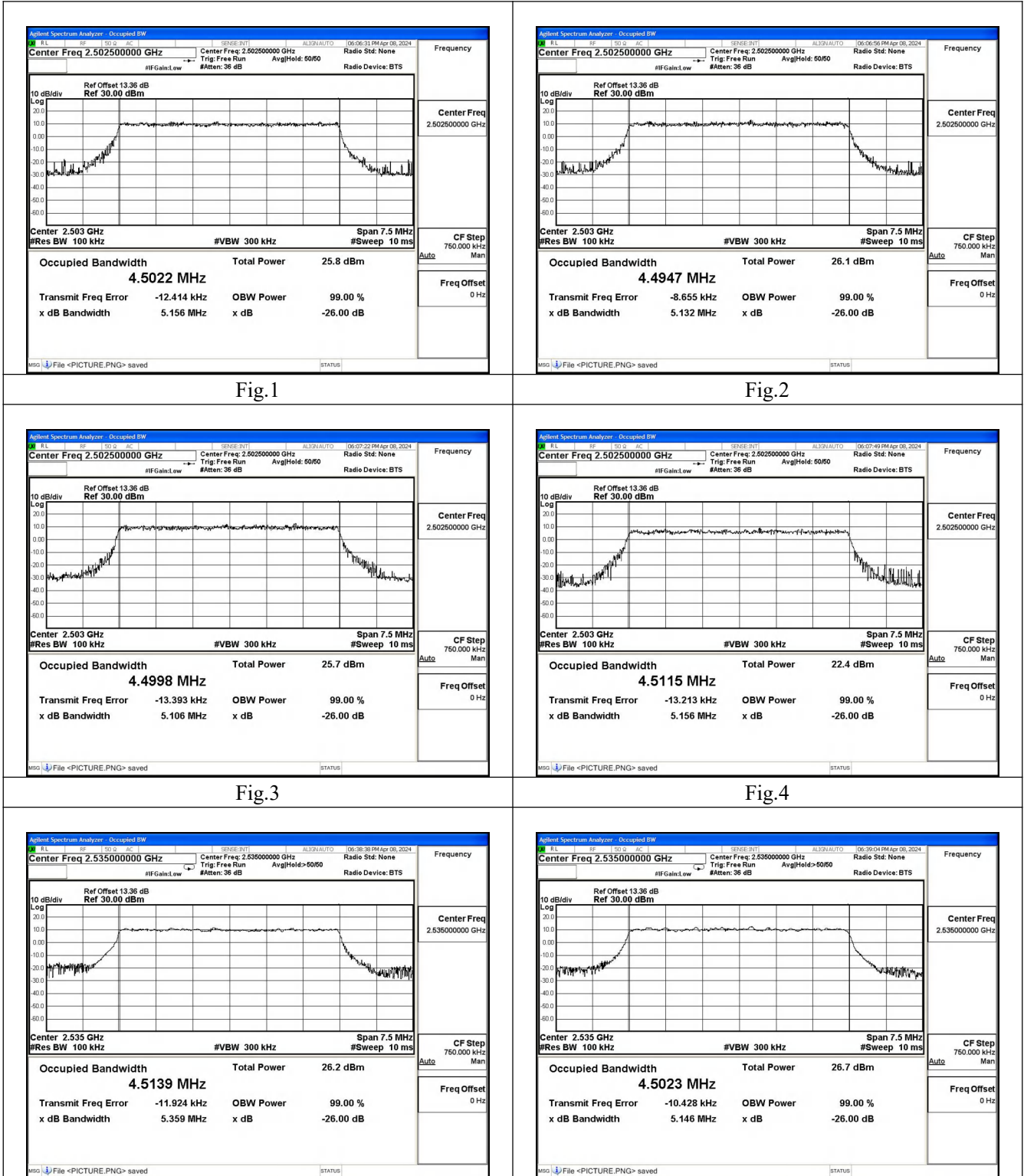


Fig.5

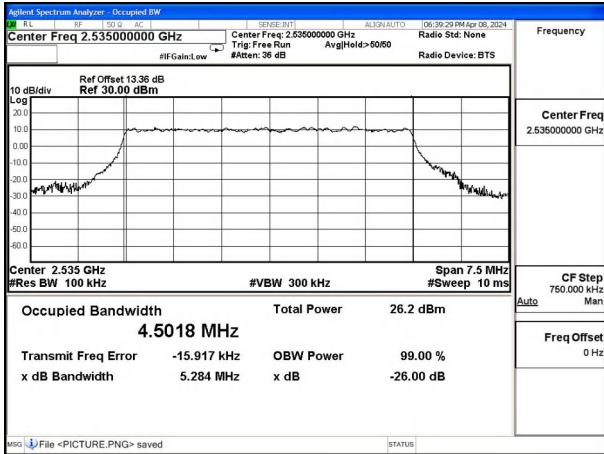


Fig.6

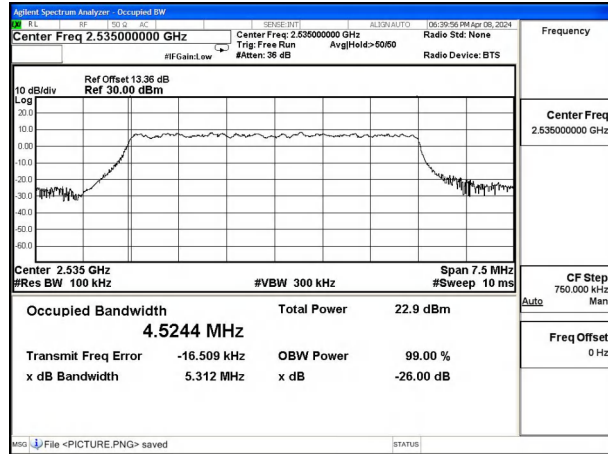


Fig.7

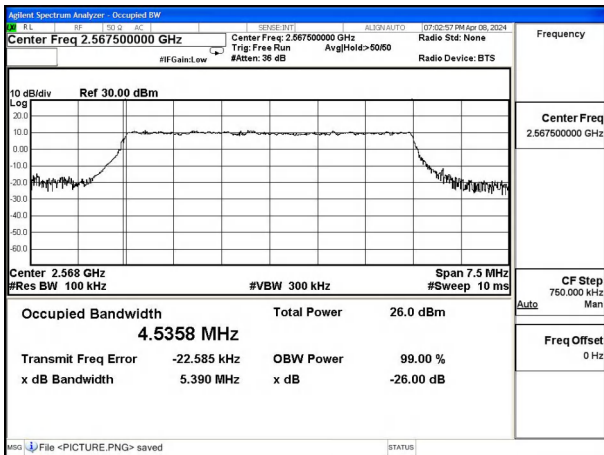


Fig.8

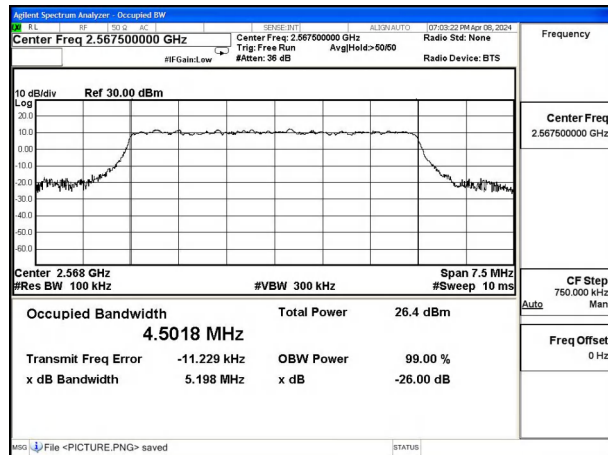


Fig.9

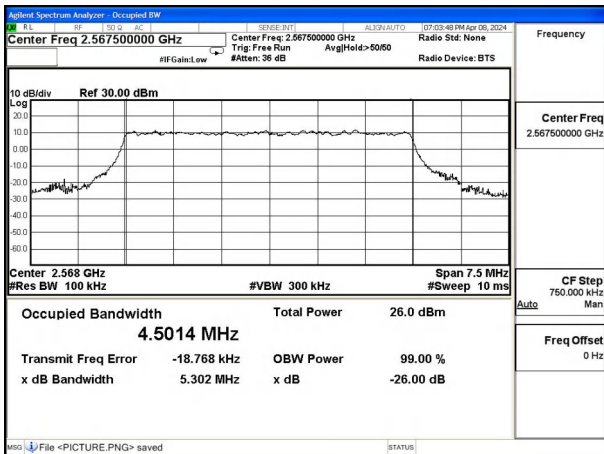


Fig.10

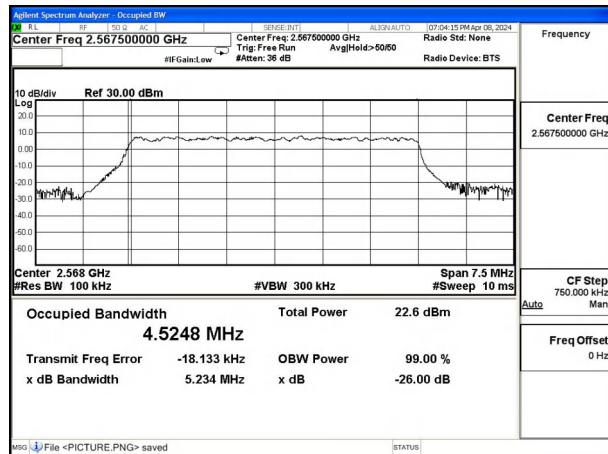


Fig.11

Fig.12

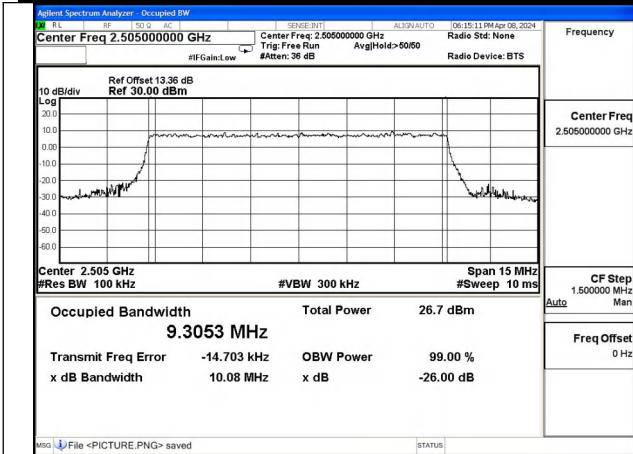


Fig.13

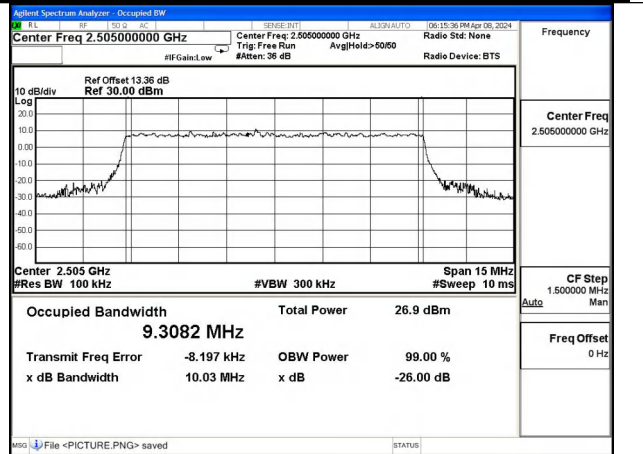


Fig.14

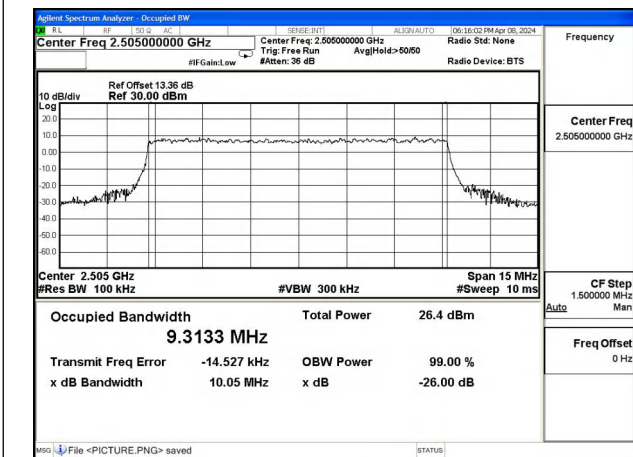


Fig.15

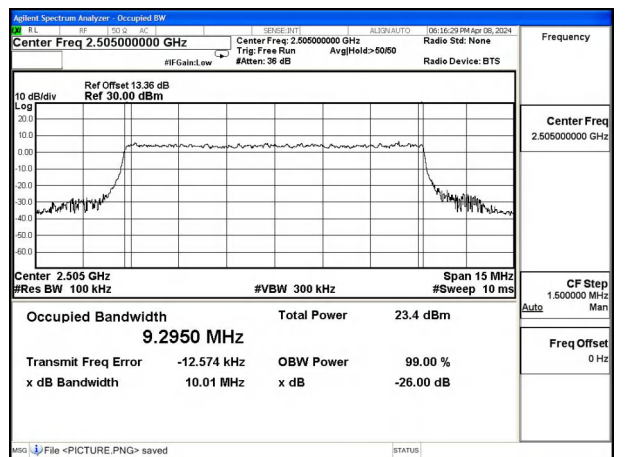


Fig.16

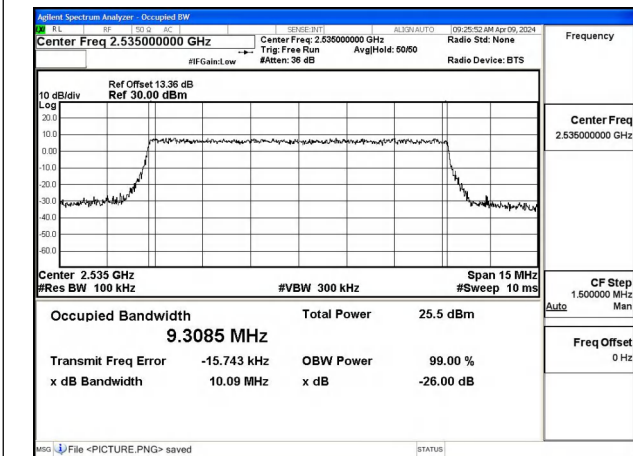


Fig.17

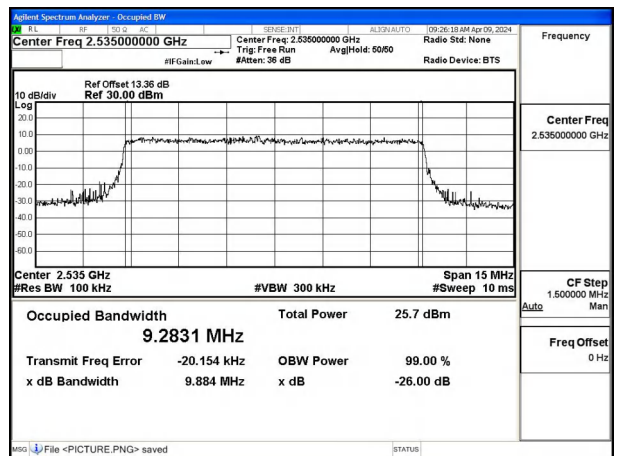


Fig.18