

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

N38 SA (For2570~2620)

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	2575	515000	10	12	6	22.82
DFT-s-OFDM PI/2 BPSK	2575	515000	10	1	1	23.21
DFT-s-OFDM PI/2 BPSK	2575	515000	10	1	22	23.92
DFT-s-OFDM QPSK	2575	515000	10	12	6	22.32
DFT-s-OFDM QPSK	2575	515000	10	1	1	23.03
DFT-s-OFDM QPSK	2575	515000	10	1	22	23.42
DFT-s-OFDM QPSK	2575	515000	10	12	6	22.15
DFT-s-OFDM QPSK	2575	515000	10	24	0	22.54
DFT-s-OFDM 16QAM	2575	515000	10	1	0	22.92
DFT-s-OFDM 16QAM	2575	515000	10	1	23	23.63
DFT-s-OFDM 16QAM	2575	515000	10	12	6	22.75
DFT-s-OFDM 16QAM	2575	515000	10	24	0	23.14
DFT-s-OFDM 64QAM	2575	515000	10	1	0	23.85
DFT-s-OFDM 64QAM	2575	515000	10	1	23	23.91
DFT-s-OFDM 64QAM	2575	515000	10	12	6	22.64
DFT-s-OFDM 64QAM	2575	515000	10	24	0	23.03
DFT-s-OFDM 256QAM	2575	515000	10	1	0	20.08
DFT-s-OFDM 256QAM	2575	515000	10	1	23	19.89
DFT-s-OFDM 256QAM	2575	515000	10	12	6	20.12
DFT-s-OFDM 256QAM	2575	515000	10	24	0	20.54
CP-OFDM QPSK	2575	515000	10	1	0	23.63
CP-OFDM QPSK	2575	515000	10	1	23	23.07
CP-OFDM QPSK	2575	515000	10	12	6	22.74
CP-OFDM QPSK	2575	515000	10	24	0	23.13
CP-OFDM 16QAM	2575	515000	10	1	0	22.57
CP-OFDM 16QAM	2575	515000	10	1	23	22.25
CP-OFDM 16QAM	2575	515000	10	12	6	23.67
CP-OFDM 16QAM	2575	515000	10	24	0	22.08
CP-OFDM 64QAM	2575	515000	10	1	0	23.73
CP-OFDM 64QAM	2575	515000	10	1	23	23.17
CP-OFDM 64QAM	2575	515000	10	12	6	23.56
CP-OFDM 64QAM	2575	515000	10	24	0	22.29
CP-OFDM 256QAM	2575	515000	10	1	0	20.20
CP-OFDM 256QAM	2575	515000	10	1	23	20.01
CP-OFDM 256QAM	2575	515000	10	12	6	20.86
CP-OFDM 256QAM	2575	515000	10	24	0	19.91
DFT-s-OFDM PI/2 BPSK	2595	519000	10	12	6	22.10
DFT-s-OFDM PI/2 BPSK	2595	519000	10	1	1	22.48
DFT-s-OFDM PI/2 BPSK	2595	519000	10	1	22	23.19
DFT-s-OFDM QPSK	2595	519000	10	12	6	23.58
DFT-s-OFDM QPSK	2595	519000	10	1	1	23.97
DFT-s-OFDM QPSK	2595	519000	10	1	22	22.37

DFT-s-OFDM QPSK	2595	519000	10	12	6	23.08
DFT-s-OFDM QPSK	2595	519000	10	24	0	23.47
DFT-s-OFDM 16QAM	2595	519000	10	1	0	23.86
DFT-s-OFDM 16QAM	2595	519000	10	1	23	23.30
DFT-s-OFDM 16QAM	2595	519000	10	12	6	22.97
DFT-s-OFDM 16QAM	2595	519000	10	24	0	22.41
DFT-s-OFDM 64QAM	2595	519000	10	1	0	22.80
DFT-s-OFDM 64QAM	2595	519000	10	1	23	22.48
DFT-s-OFDM 64QAM	2595	519000	10	12	6	23.90
DFT-s-OFDM 64QAM	2595	519000	10	24	0	22.30
DFT-s-OFDM 256QAM	2595	519000	10	1	0	20.21
DFT-s-OFDM 256QAM	2595	519000	10	1	23	20.44
DFT-s-OFDM 256QAM	2595	519000	10	12	6	20.87
DFT-s-OFDM 256QAM	2595	519000	10	24	0	19.92
CP-OFDM QPSK	2595	519000	10	1	0	23.61
CP-OFDM QPSK	2595	519000	10	1	23	22.02
CP-OFDM QPSK	2595	519000	10	12	6	23.68
CP-OFDM QPSK	2595	519000	10	24	0	23.12
CP-OFDM 16QAM	2595	519000	10	1	0	23.50
CP-OFDM 16QAM	2595	519000	10	1	23	23.89
CP-OFDM 16QAM	2595	519000	10	12	6	22.62
CP-OFDM 16QAM	2595	519000	10	24	0	23.01
CP-OFDM 64QAM	2595	519000	10	1	0	23.39
CP-OFDM 64QAM	2595	519000	10	1	23	22.13
CP-OFDM 64QAM	2595	519000	10	12	6	22.51
CP-OFDM 64QAM	2595	519000	10	24	0	22.90
CP-OFDM 256QAM	2595	519000	10	1	0	20.00
CP-OFDM 256QAM	2595	519000	10	1	23	20.23
CP-OFDM 256QAM	2595	519000	10	12	6	20.46
CP-OFDM 256QAM	2595	519000	10	24	0	20.89
DFT-s-OFDM PI/2 BPSK	2615	523000	10	12	6	22.42
DFT-s-OFDM PI/2 BPSK	2615	523000	10	1	1	23.84
DFT-s-OFDM PI/2 BPSK	2615	523000	10	1	22	22.25
DFT-s-OFDM QPSK	2615	523000	10	12	6	22.64
DFT-s-OFDM QPSK	2615	523000	10	1	1	23.35
DFT-s-OFDM QPSK	2615	523000	10	1	22	22.46
DFT-s-OFDM QPSK	2615	523000	10	12	6	22.85
DFT-s-OFDM QPSK	2615	523000	10	24	0	23.56
DFT-s-OFDM 16QAM	2615	523000	10	1	0	23.95
DFT-s-OFDM 16QAM	2615	523000	10	1	23	22.35
DFT-s-OFDM 16QAM	2615	523000	10	12	6	22.74
DFT-s-OFDM 16QAM	2615	523000	10	24	0	22.18
DFT-s-OFDM 64QAM	2615	523000	10	1	0	22.57
DFT-s-OFDM 64QAM	2615	523000	10	1	23	22.95
DFT-s-OFDM 64QAM	2615	523000	10	12	6	23.34
DFT-s-OFDM 64QAM	2615	523000	10	24	0	22.07

DFT-s-OFDM 256QAM	2615	523000	10	1	0	20.07
DFT-s-OFDM 256QAM	2615	523000	10	1	23	20.31
DFT-s-OFDM 256QAM	2615	523000	10	12	6	19.97
DFT-s-OFDM 256QAM	2615	523000	10	24	0	20.20
CP-OFDM QPSK	2615	523000	10	1	0	23.38
CP-OFDM QPSK	2615	523000	10	1	23	23.77
CP-OFDM QPSK	2615	523000	10	12	6	22.17
CP-OFDM QPSK	2615	523000	10	24	0	22.56
CP-OFDM 16QAM	2615	523000	10	1	0	23.98
CP-OFDM 16QAM	2615	523000	10	1	23	22.39
CP-OFDM 16QAM	2615	523000	10	12	6	22.78
CP-OFDM 16QAM	2615	523000	10	24	0	23.16
CP-OFDM 64QAM	2615	523000	10	1	0	22.60
CP-OFDM 64QAM	2615	523000	10	1	23	22.28
CP-OFDM 64QAM	2615	523000	10	12	6	22.66
CP-OFDM 64QAM	2615	523000	10	24	0	22.11
CP-OFDM 256QAM	2615	523000	10	1	0	20.10
CP-OFDM 256QAM	2615	523000	10	1	23	20.33
CP-OFDM 256QAM	2615	523000	10	12	6	20.56
CP-OFDM 256QAM	2615	523000	10	24	0	20.22

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2577.5	515500	15	18	9	23.66
DFT-s-OFDM PI/2 BPSK	2577.5	515500	15	1	1	22.39
DFT-s-OFDM PI/2 BPSK	2577.5	515500	15	1	36	22.78
DFT-s-OFDM QPSK	2577.5	515500	15	18	9	23.17
DFT-s-OFDM QPSK	2577.5	515500	15	1	1	23.88
DFT-s-OFDM QPSK	2577.5	515500	15	1	36	22.28
DFT-s-OFDM QPSK	2577.5	515500	15	18	9	22.67
DFT-s-OFDM QPSK	2577.5	515500	15	36	0	23.38
DFT-s-OFDM 16QAM	2577.5	515500	15	1	0	23.77
DFT-s-OFDM 16QAM	2577.5	515500	15	1	37	22.50
DFT-s-OFDM 16QAM	2577.5	515500	15	18	9	22.88
DFT-s-OFDM 16QAM	2577.5	515500	15	36	0	23.27
DFT-s-OFDM 64QAM	2577.5	515500	15	1	0	23.98
DFT-s-OFDM 64QAM	2577.5	515500	15	1	37	22.39
DFT-s-OFDM 64QAM	2577.5	515500	15	18	9	23.10
DFT-s-OFDM 64QAM	2577.5	515500	15	36	0	23.48
DFT-s-OFDM 256QAM	2577.5	515500	15	1	0	20.92
DFT-s-OFDM 256QAM	2577.5	515500	15	1	37	20.16
DFT-s-OFDM 256QAM	2577.5	515500	15	18	9	20.39
DFT-s-OFDM 256QAM	2577.5	515500	15	36	0	20.62
CP-OFDM QPSK	2577.5	515500	15	1	0	22.10
CP-OFDM QPSK	2577.5	515500	15	1	37	22.49
CP-OFDM QPSK	2577.5	515500	15	19	9	23.91

CP-OFDM QPSK	2577.5	515500	15	38	0	23.59
CP-OFDM 16QAM	2577.5	515500	15	1	0	23.97
CP-OFDM 16QAM	2577.5	515500	15	1	37	22.70
CP-OFDM 16QAM	2577.5	515500	15	19	9	23.09
CP-OFDM 16QAM	2577.5	515500	15	38	0	22.53
CP-OFDM 64QAM	2577.5	515500	15	1	0	22.21
CP-OFDM 64QAM	2577.5	515500	15	1	37	22.59
CP-OFDM 64QAM	2577.5	515500	15	19	9	22.03
CP-OFDM 64QAM	2577.5	515500	15	38	0	23.69
CP-OFDM 256QAM	2577.5	515500	15	1	0	20.48
CP-OFDM 256QAM	2577.5	515500	15	1	37	20.71
CP-OFDM 256QAM	2577.5	515500	15	19	9	20.94
CP-OFDM 256QAM	2577.5	515500	15	38	0	20.18
DFT-s-OFDM PI/2 BPSK	2595	519000	15	18	9	23.33
DFT-s-OFDM PI/2 BPSK	2595	519000	15	1	1	23.71
DFT-s-OFDM PI/2 BPSK	2595	519000	15	1	36	22.12
DFT-s-OFDM QPSK	2595	519000	15	18	9	23.54
DFT-s-OFDM QPSK	2595	519000	15	1	1	23.22
DFT-s-OFDM QPSK	2595	519000	15	1	36	22.66
DFT-s-OFDM QPSK	2595	519000	15	18	9	23.04
DFT-s-OFDM QPSK	2595	519000	15	36	0	23.43
DFT-s-OFDM 16QAM	2595	519000	15	1	0	23.82
DFT-s-OFDM 16QAM	2595	519000	15	1	37	22.55
DFT-s-OFDM 16QAM	2595	519000	15	18	9	22.93
DFT-s-OFDM 16QAM	2595	519000	15	36	0	23.32
DFT-s-OFDM 64QAM	2595	519000	15	1	0	22.76
DFT-s-OFDM 64QAM	2595	519000	15	1	37	22.44
DFT-s-OFDM 64QAM	2595	519000	15	18	9	23.86
DFT-s-OFDM 64QAM	2595	519000	15	36	0	22.26
DFT-s-OFDM 256QAM	2595	519000	15	1	0	20.19
DFT-s-OFDM 256QAM	2595	519000	15	1	37	20.42
DFT-s-OFDM 256QAM	2595	519000	15	18	9	20.09
DFT-s-OFDM 256QAM	2595	519000	15	36	0	20.32
CP-OFDM QPSK	2595	519000	15	1	0	22.54
CP-OFDM QPSK	2595	519000	15	1	37	23.64
CP-OFDM QPSK	2595	519000	15	19	9	22.37
CP-OFDM QPSK	2595	519000	15	38	0	22.75
CP-OFDM 16QAM	2595	519000	15	1	0	23.14
CP-OFDM 16QAM	2595	519000	15	1	37	22.58
CP-OFDM 16QAM	2595	519000	15	19	9	22.97
CP-OFDM 16QAM	2595	519000	15	38	0	23.35
CP-OFDM 64QAM	2595	519000	15	1	0	22.08
CP-OFDM 64QAM	2595	519000	15	1	37	22.47
CP-OFDM 64QAM	2595	519000	15	19	9	22.86
CP-OFDM 64QAM	2595	519000	15	38	0	22.30
CP-OFDM 256QAM	2595	519000	15	1	0	20.21

CP-OFDM 256QAM	2595	519000	15	1	37	20.02
CP-OFDM 256QAM	2595	519000	15	19	9	20.86
CP-OFDM 256QAM	2595	519000	15	38	0	19.91
DFT-s-OFDM PI/2 BPSK	2612.5	522500	15	18	9	22.21
DFT-s-OFDM PI/2 BPSK	2612.5	522500	15	1	1	23.87
DFT-s-OFDM PI/2 BPSK	2612.5	522500	15	1	36	23.31
DFT-s-OFDM QPSK	2612.5	522500	15	18	9	23.69
DFT-s-OFDM QPSK	2612.5	522500	15	1	1	22.10
DFT-s-OFDM QPSK	2612.5	522500	15	1	36	22.49
DFT-s-OFDM QPSK	2612.5	522500	15	18	9	23.91
DFT-s-OFDM QPSK	2612.5	522500	15	36	0	22.31
DFT-s-OFDM 16QAM	2612.5	522500	15	1	0	22.70
DFT-s-OFDM 16QAM	2612.5	522500	15	1	37	23.09
DFT-s-OFDM 16QAM	2612.5	522500	15	18	9	23.80
DFT-s-OFDM 16QAM	2612.5	522500	15	36	0	22.91
DFT-s-OFDM 64QAM	2612.5	522500	15	1	0	23.30
DFT-s-OFDM 64QAM	2612.5	522500	15	1	37	23.69
DFT-s-OFDM 64QAM	2612.5	522500	15	18	9	22.42
DFT-s-OFDM 64QAM	2612.5	522500	15	36	0	22.80
DFT-s-OFDM 256QAM	2612.5	522500	15	1	0	19.95
DFT-s-OFDM 256QAM	2612.5	522500	15	1	37	20.18
DFT-s-OFDM 256QAM	2612.5	522500	15	18	9	20.41
DFT-s-OFDM 256QAM	2612.5	522500	15	36	0	20.64
CP-OFDM QPSK	2612.5	522500	15	1	0	22.84
CP-OFDM QPSK	2612.5	522500	15	1	37	23.23
CP-OFDM QPSK	2612.5	522500	15	19	9	23.62
CP-OFDM QPSK	2612.5	522500	15	38	0	22.02
CP-OFDM 16QAM	2612.5	522500	15	1	0	23.44
CP-OFDM 16QAM	2612.5	522500	15	1	37	23.83
CP-OFDM 16QAM	2612.5	522500	15	19	9	22.24
CP-OFDM 16QAM	2612.5	522500	15	38	0	22.62
CP-OFDM 64QAM	2612.5	522500	15	1	0	22.06
CP-OFDM 64QAM	2612.5	522500	15	1	37	23.72
CP-OFDM 64QAM	2612.5	522500	15	19	9	22.13
CP-OFDM 64QAM	2612.5	522500	15	38	0	23.55
CP-OFDM 256QAM	2612.5	522500	15	1	0	20.95
CP-OFDM 256QAM	2612.5	522500	15	1	37	20.01
CP-OFDM 256QAM	2612.5	522500	15	19	9	20.24
CP-OFDM 256QAM	2612.5	522500	15	38	0	19.90

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2580	516000	20	25	12	23.79
DFT-s-OFDM PI/2 BPSK	2580	516000	20	1	1	23.23
DFT-s-OFDM PI/2 BPSK	2580	516000	20	1	49	23.62
DFT-s-OFDM QPSK	2580	516000	20	25	12	22.35

DFT-s-OFDM QPSK	2580	516000	20	1	1	22.74
DFT-s-OFDM QPSK	2580	516000	20	1	49	23.12
DFT-s-OFDM QPSK	2580	516000	20	25	12	23.84
DFT-s-OFDM QPSK	2580	516000	20	50	0	22.24
DFT-s-OFDM 16QAM	2580	516000	20	1	0	22.63
DFT-s-OFDM 16QAM	2580	516000	20	1	50	23.34
DFT-s-OFDM 16QAM	2580	516000	20	25	12	23.72
DFT-s-OFDM 16QAM	2580	516000	20	50	0	22.46
DFT-s-OFDM 64QAM	2580	516000	20	1	0	22.84
DFT-s-OFDM 64QAM	2580	516000	20	1	50	23.23
DFT-s-OFDM 64QAM	2580	516000	20	25	12	23.61
DFT-s-OFDM 64QAM	2580	516000	20	50	0	23.06
DFT-s-OFDM 256QAM	2580	516000	20	1	0	20.24
DFT-s-OFDM 256QAM	2580	516000	20	1	50	19.90
DFT-s-OFDM 256QAM	2580	516000	20	25	12	20.14
DFT-s-OFDM 256QAM	2580	516000	20	50	0	19.94
CP-OFDM QPSK	2580	516000	20	1	0	23.33
CP-OFDM QPSK	2580	516000	20	1	50	22.06
CP-OFDM QPSK	2580	516000	20	25	12	22.45
CP-OFDM QPSK	2580	516000	20	51	0	22.84
CP-OFDM 16QAM	2580	516000	20	1	0	23.55
CP-OFDM 16QAM	2580	516000	20	1	50	23.93
CP-OFDM 16QAM	2580	516000	20	25	12	23.37
CP-OFDM 16QAM	2580	516000	20	51	0	23.05
CP-OFDM 64QAM	2580	516000	20	1	0	23.44
CP-OFDM 64QAM	2580	516000	20	1	50	22.88
CP-OFDM 64QAM	2580	516000	20	25	12	23.26
CP-OFDM 64QAM	2580	516000	20	51	0	23.65
CP-OFDM 256QAM	2580	516000	20	1	0	20.03
CP-OFDM 256QAM	2580	516000	20	1	50	20.26
CP-OFDM 256QAM	2580	516000	20	25	12	20.49
CP-OFDM 256QAM	2580	516000	20	51	0	20.91
DFT-s-OFDM PI/2 BPSK	2595	519000	20	25	12	22.40
DFT-s-OFDM PI/2 BPSK	2595	519000	20	1	1	22.79
DFT-s-OFDM PI/2 BPSK	2595	519000	20	1	49	23.50
DFT-s-OFDM QPSK	2595	519000	20	25	12	23.88
DFT-s-OFDM QPSK	2595	519000	20	1	1	22.29
DFT-s-OFDM QPSK	2595	519000	20	1	49	22.68
DFT-s-OFDM QPSK	2595	519000	20	25	12	22.12
DFT-s-OFDM QPSK	2595	519000	20	50	0	22.51
DFT-s-OFDM 16QAM	2595	519000	20	1	0	22.18
DFT-s-OFDM 16QAM	2595	519000	20	1	50	23.60
DFT-s-OFDM 16QAM	2595	519000	20	25	12	22.01
DFT-s-OFDM 16QAM	2595	519000	20	50	0	22.39
DFT-s-OFDM 64QAM	2595	519000	20	1	0	23.11
DFT-s-OFDM 64QAM	2595	519000	20	1	50	23.49

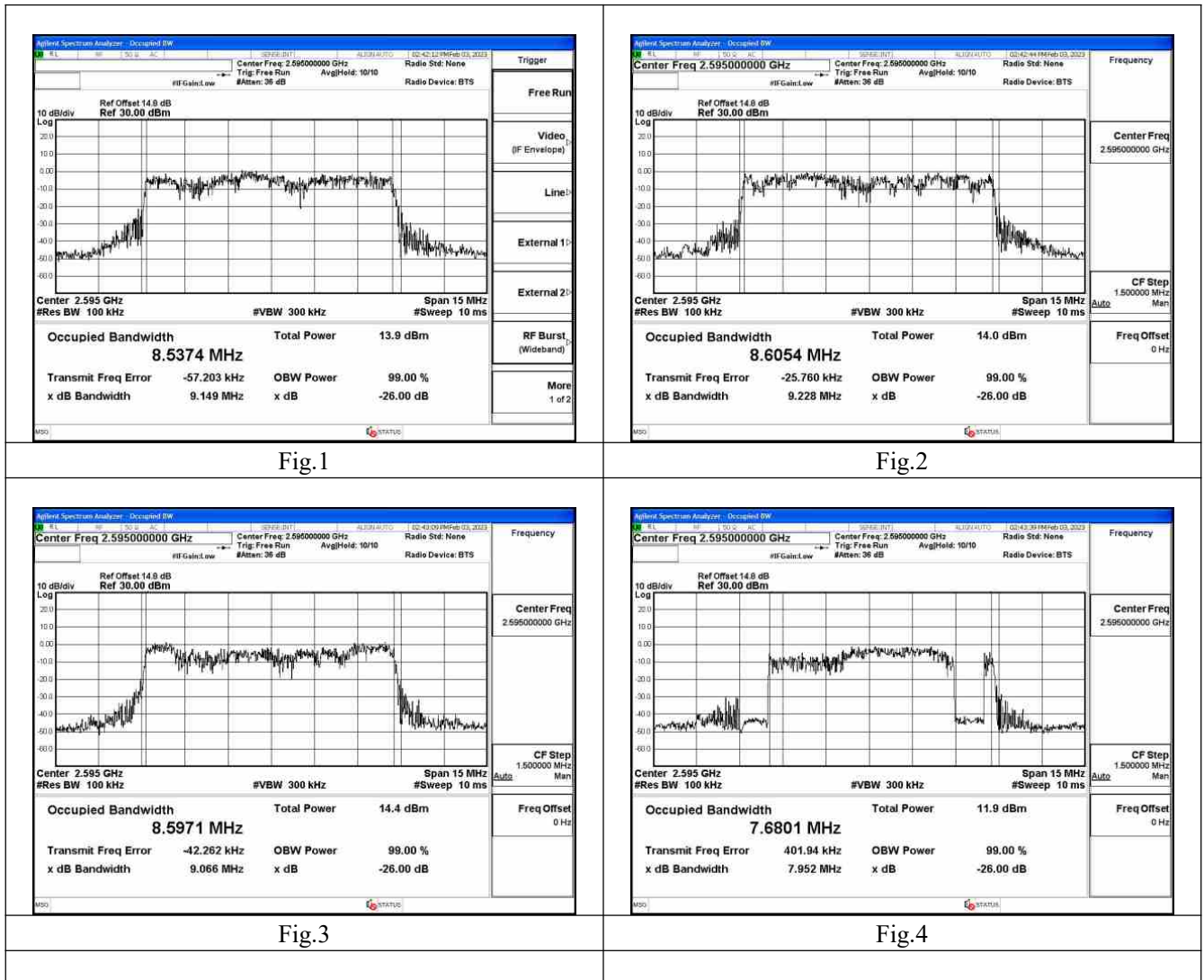
DFT-s-OFDM 64QAM	2595	519000	20	25	12	23.88
DFT-s-OFDM 64QAM	2595	519000	20	50	0	23.32
DFT-s-OFDM 256QAM	2595	519000	20	1	0	20.82
DFT-s-OFDM 256QAM	2595	519000	20	1	50	19.87
DFT-s-OFDM 256QAM	2595	519000	20	25	12	20.10
DFT-s-OFDM 256QAM	2595	519000	20	50	0	20.95
CP-OFDM QPSK	2595	519000	20	1	0	23.60
CP-OFDM QPSK	2595	519000	20	1	50	23.98
CP-OFDM QPSK	2595	519000	20	25	12	23.42
CP-OFDM QPSK	2595	519000	20	51	0	23.81
CP-OFDM 16QAM	2595	519000	20	1	0	22.22
CP-OFDM 16QAM	2595	519000	20	1	50	22.60
CP-OFDM 16QAM	2595	519000	20	25	12	22.04
CP-OFDM 16QAM	2595	519000	20	51	0	22.43
CP-OFDM 64QAM	2595	519000	20	1	0	22.82
CP-OFDM 64QAM	2595	519000	20	1	50	23.20
CP-OFDM 64QAM	2595	519000	20	25	12	22.64
CP-OFDM 64QAM	2595	519000	20	51	0	22.32
CP-OFDM 256QAM	2595	519000	20	1	0	20.84
CP-OFDM 256QAM	2595	519000	20	1	50	19.89
CP-OFDM 256QAM	2595	519000	20	25	12	20.12
CP-OFDM 256QAM	2595	519000	20	51	0	20.35
DFT-s-OFDM PI/2 BPSK	2610	522000	20	25	12	23.33
DFT-s-OFDM PI/2 BPSK	2610	522000	20	1	1	22.77
DFT-s-OFDM PI/2 BPSK	2610	522000	20	1	49	23.16
DFT-s-OFDM QPSK	2610	522000	20	25	12	23.54
DFT-s-OFDM QPSK	2610	522000	20	1	1	23.93
DFT-s-OFDM QPSK	2610	522000	20	1	49	23.37
DFT-s-OFDM QPSK	2610	522000	20	25	12	23.76
DFT-s-OFDM QPSK	2610	522000	20	50	0	22.16
DFT-s-OFDM 16QAM	2610	522000	20	1	0	22.55
DFT-s-OFDM 16QAM	2610	522000	20	1	50	23.97
DFT-s-OFDM 16QAM	2610	522000	20	25	12	22.38
DFT-s-OFDM 16QAM	2610	522000	20	50	0	22.76
DFT-s-OFDM 64QAM	2610	522000	20	1	0	23.15
DFT-s-OFDM 64QAM	2610	522000	20	1	50	22.59
DFT-s-OFDM 64QAM	2610	522000	20	25	12	22.98
DFT-s-OFDM 64QAM	2610	522000	20	50	0	23.36
DFT-s-OFDM 256QAM	2610	522000	20	1	0	20.84
DFT-s-OFDM 256QAM	2610	522000	20	1	50	20.51
DFT-s-OFDM 256QAM	2610	522000	20	25	12	20.74
DFT-s-OFDM 256QAM	2610	522000	20	50	0	20.97
CP-OFDM QPSK	2610	522000	20	1	0	22.37
CP-OFDM QPSK	2610	522000	20	1	50	23.79
CP-OFDM QPSK	2610	522000	20	25	12	22.20
CP-OFDM QPSK	2610	522000	20	51	0	22.58

CP-OFDM 16QAM	2610	522000	20	1	0	22.97
CP-OFDM 16QAM	2610	522000	20	1	50	22.41
CP-OFDM 16QAM	2610	522000	20	25	12	22.80
CP-OFDM 16QAM	2610	522000	20	51	0	23.18
CP-OFDM 64QAM	2610	522000	20	1	0	23.57
CP-OFDM 64QAM	2610	522000	20	1	50	23.01
CP-OFDM 64QAM	2610	522000	20	25	12	23.40
CP-OFDM 64QAM	2610	522000	20	51	0	23.78
CP-OFDM 256QAM	2610	522000	20	1	0	19.92
CP-OFDM 256QAM	2610	522000	20	1	50	20.76
CP-OFDM 256QAM	2610	522000	20	25	12	19.81
CP-OFDM 256QAM	2610	522000	20	51	0	20.47

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	2595	519000	10	24	0	8.540	Fig.1
CP-OFDM 16QAM	2595	519000	10	24	0	8.610	Fig.2
CP-OFDM 64QAM	2595	519000	10	24	0	8.600	Fig.3
CP-OFDM 256QAM	2595	519000	10	24	0	7.680	Fig.4
CP-OFDM QPSK	2595	519000	15	38	0	13.590	Fig.5
CP-OFDM 16QAM	2595	519000	15	38	0	13.550	Fig.6
CP-OFDM 64QAM	2595	519000	15	38	0	13.600	Fig.7
CP-OFDM 256QAM	2595	519000	15	38	0	13.520	Fig.8
CP-OFDM QPSK	2595	519000	20	51	0	18.170	Fig.9
CP-OFDM 16QAM	2595	519000	20	51	0	18.180	Fig.10
CP-OFDM 64QAM	2595	519000	20	51	0	17.760	Fig.11
CP-OFDM 256QAM	2595	519000	20	51	0	18.170	Fig.12

Test Plot:



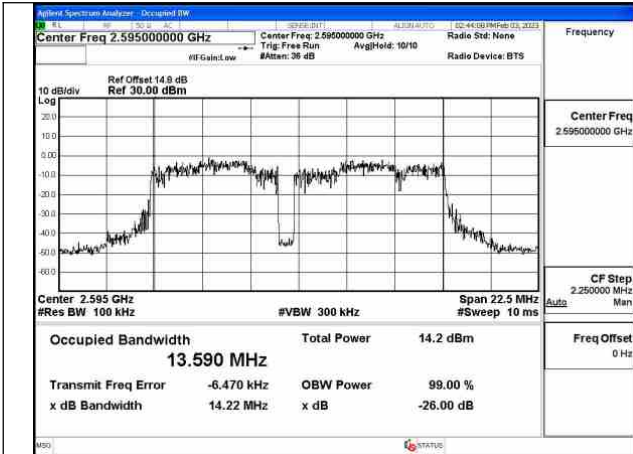


Fig.5

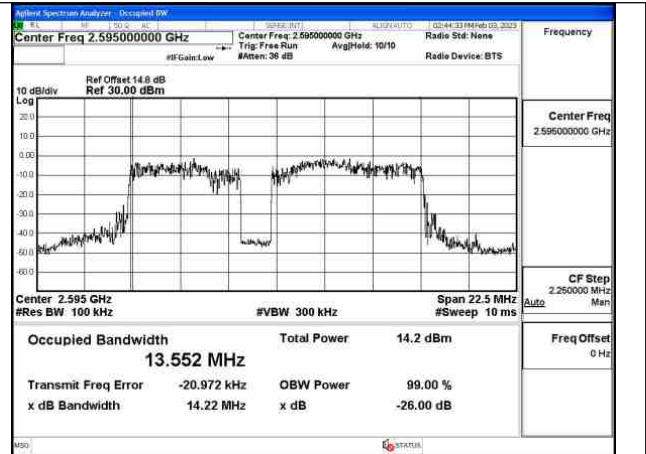


Fig.6

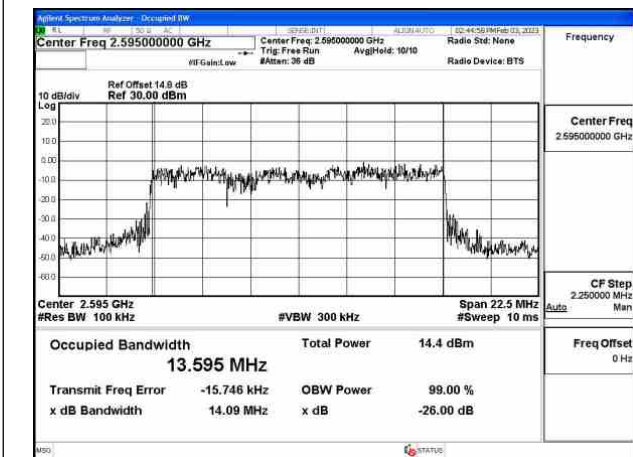


Fig.7

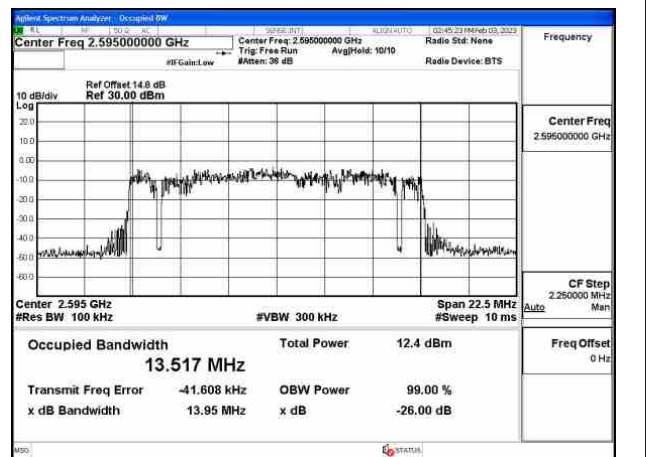


Fig.8

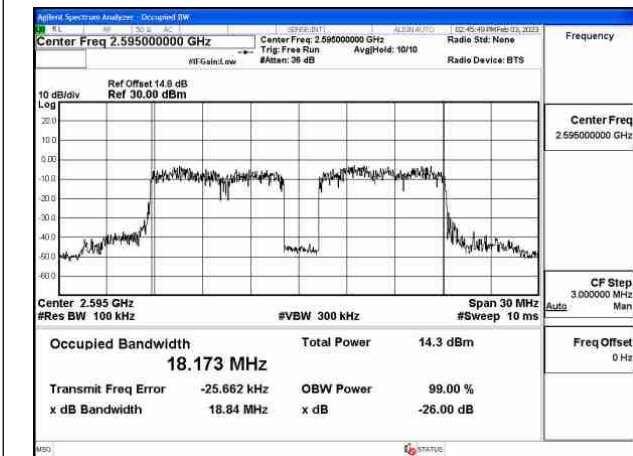


Fig.9

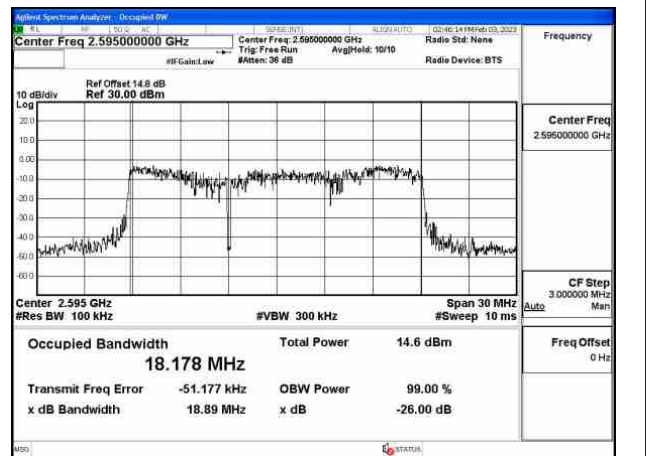


Fig.10

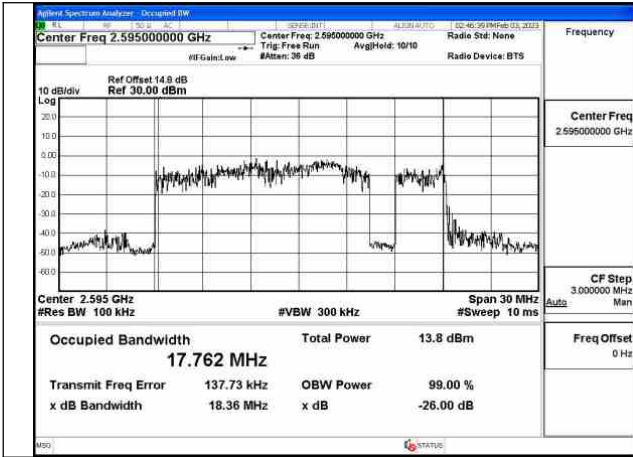


Fig.11

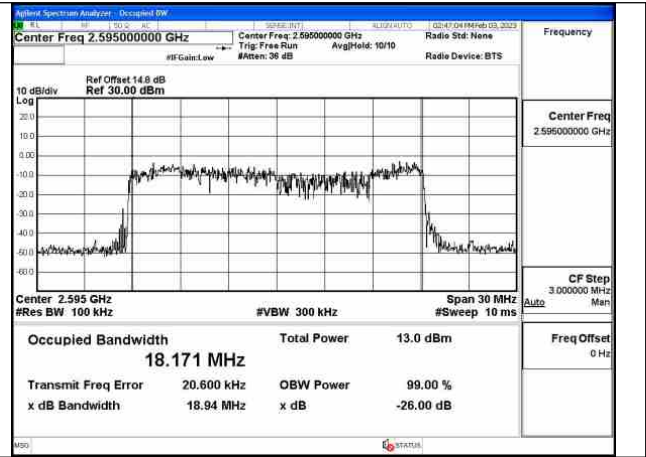
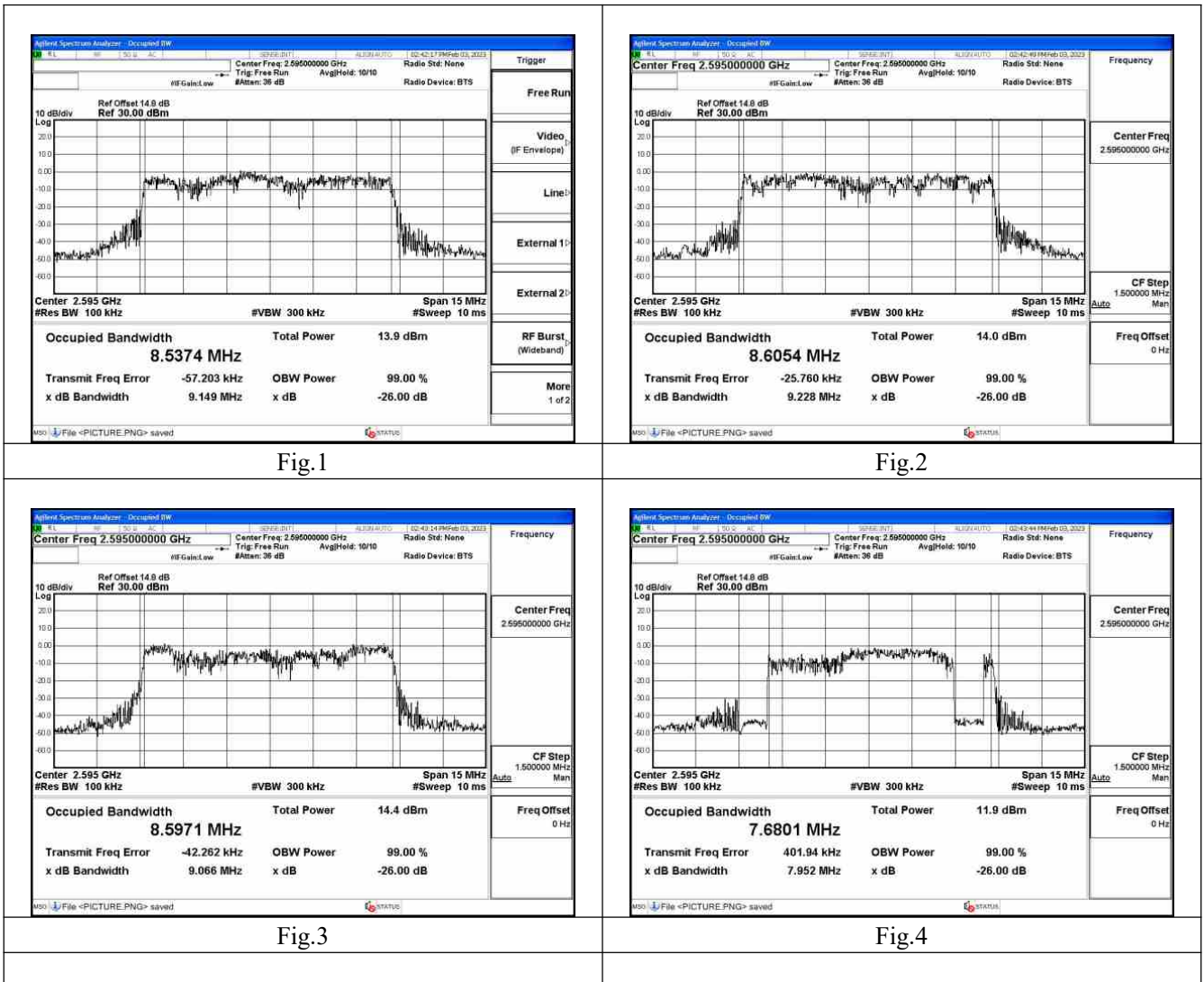


Fig.12

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	2595	519000	10	24	0	9.150	Fig.1
CP-OFDM 16QAM	2595	519000	10	24	0	9.230	Fig.2
CP-OFDM 64QAM	2595	519000	10	24	0	9.070	Fig.3
CP-OFDM 256QAM	2595	519000	10	24	0	7.950	Fig.4
CP-OFDM QPSK	2595	519000	15	38	0	14.220	Fig.5
CP-OFDM 16QAM	2595	519000	15	38	0	14.220	Fig.6
CP-OFDM 64QAM	2595	519000	15	38	0	14.090	Fig.7
CP-OFDM 256QAM	2595	519000	15	38	0	13.950	Fig.8
CP-OFDM QPSK	2595	519000	20	51	0	18.840	Fig.9
CP-OFDM 16QAM	2595	519000	20	51	0	18.890	Fig.10
CP-OFDM 64QAM	2595	519000	20	51	0	18.360	Fig.11
CP-OFDM 256QAM	2595	519000	20	51	0	18.940	Fig.12

Test Plot:



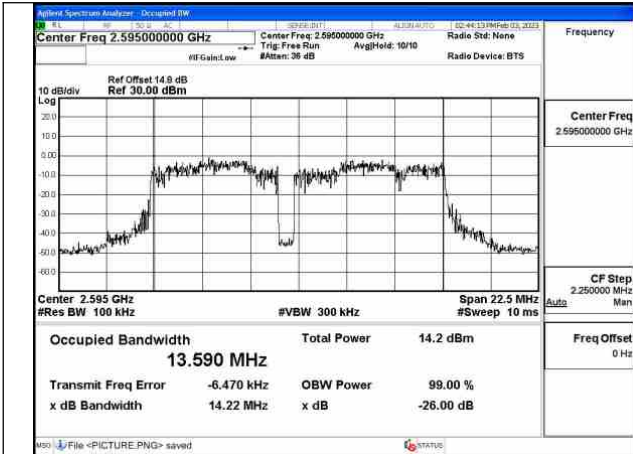


Fig.5

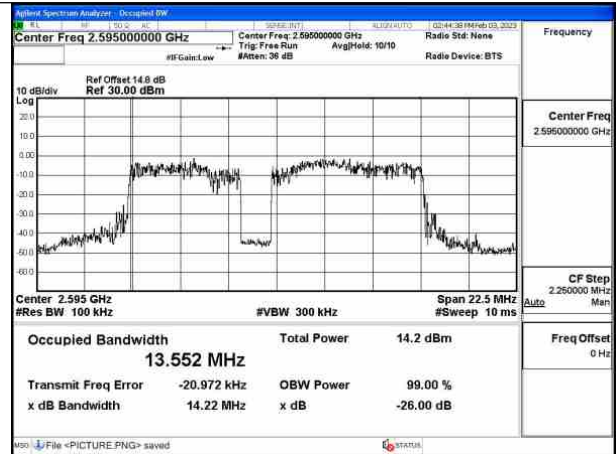


Fig.6

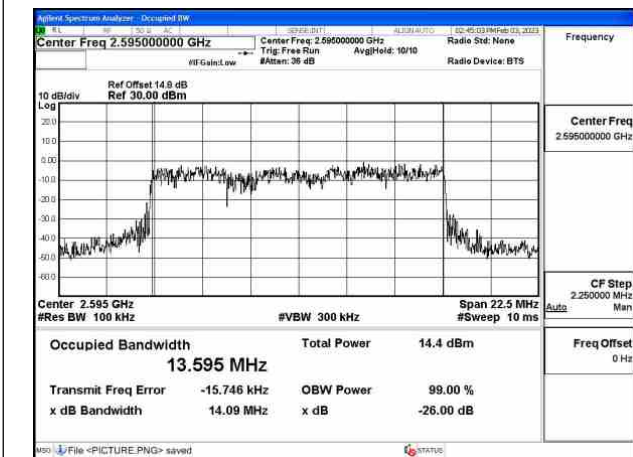


Fig.7

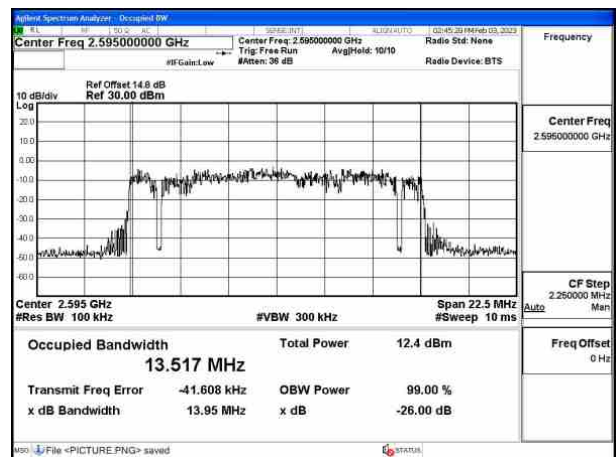


Fig.8

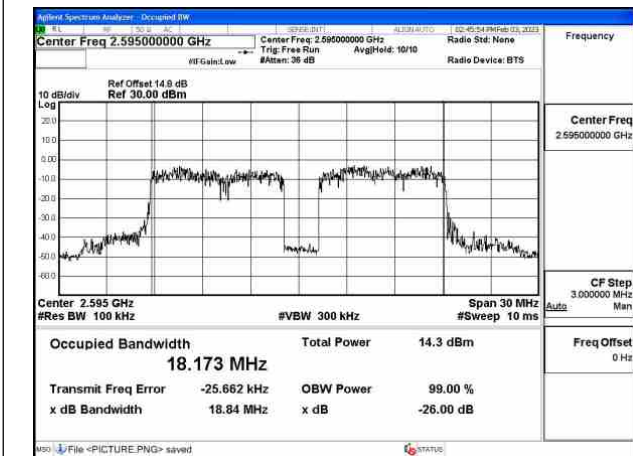


Fig.9

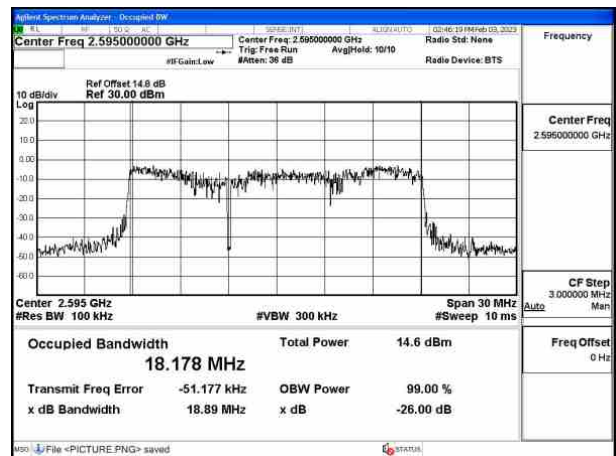


Fig.10

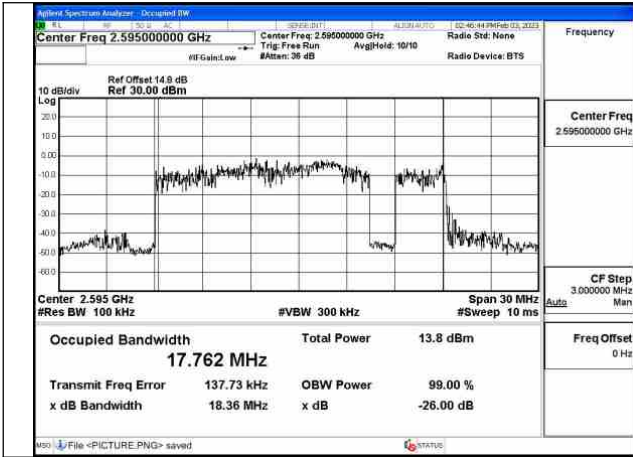


Fig.11

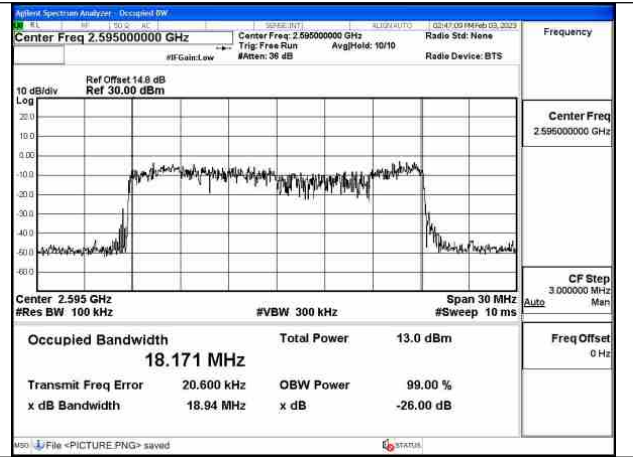
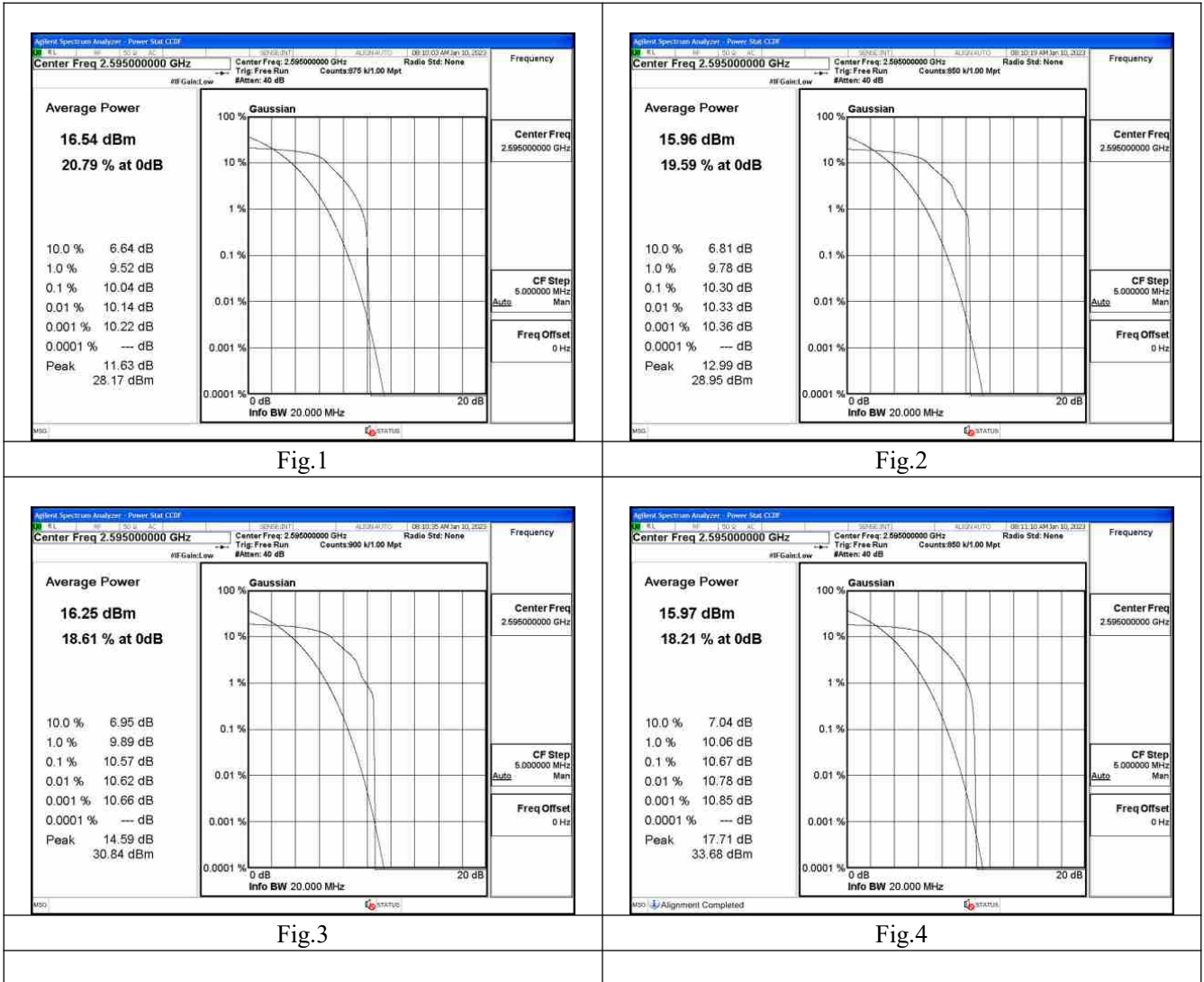


Fig.12

4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	2595	519000	20	50	25	Fig.1
DFT-s-OFDM QPSK	2595	519000	20	50	25	Fig.2
DFT-s-OFDM 16QAM	2595	519000	20	50	25	Fig.3
DFT-s-OFDM 64QAM	2595	519000	20	50	25	Fig.4
DFT-s-OFDM 256QAM	2595	519000	20	50	25	Fig.5

Test Plot:



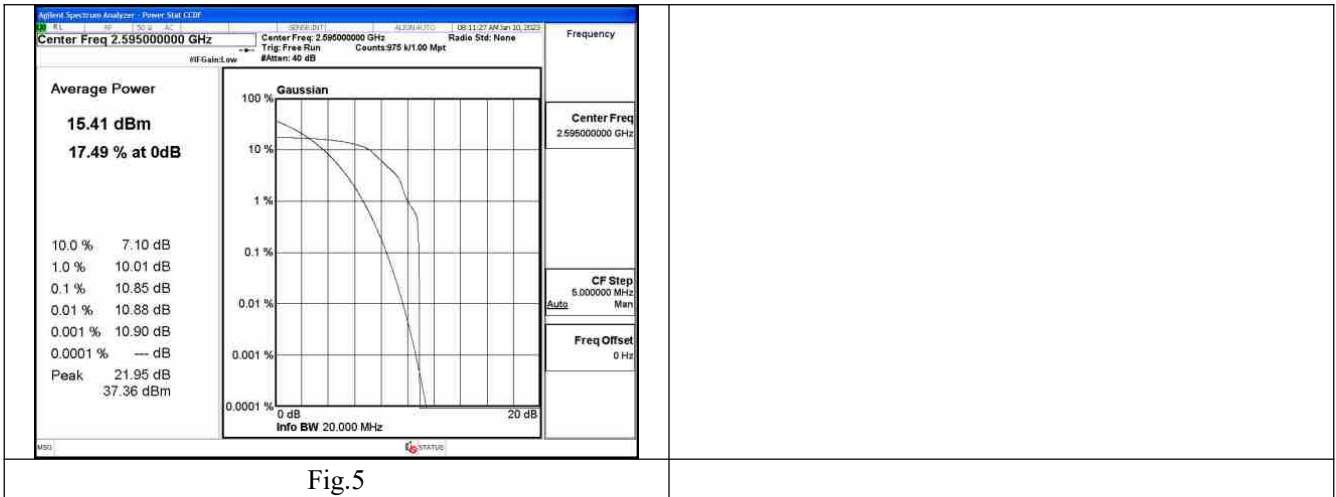
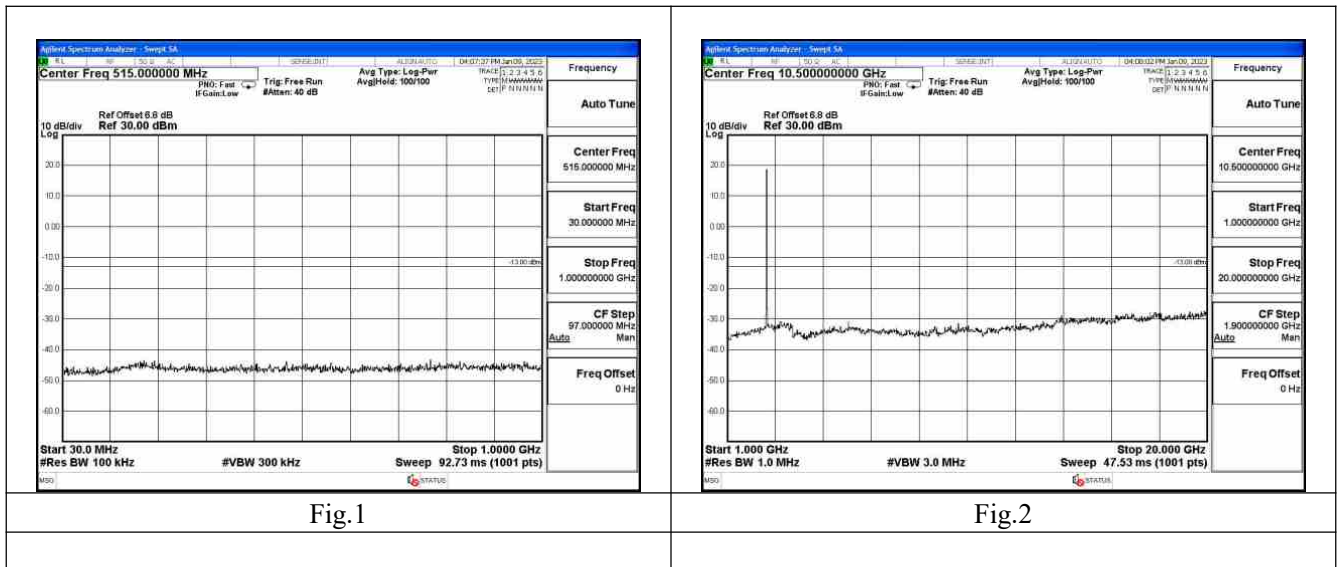


Fig.5

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	2575	515000	10	24	0	Fig.1	Fig.2
CP-OFDM QPSK	2575	515000	10	1	0	Fig.3	Fig.4
CP-OFDM QPSK	2575	515000	10	1	23	Fig.5	Fig.6
CP-OFDM QPSK	2595	519000	10	24	0	Fig.7	Fig.8
CP-OFDM QPSK	2595	519000	10	1	0	Fig.9	Fig.10
CP-OFDM QPSK	2595	519000	10	1	23	Fig.11	Fig.12
CP-OFDM QPSK	2615	523000	10	24	0	Fig.13	Fig.14
CP-OFDM QPSK	2615	523000	10	1	0	Fig.15	Fig.16
CP-OFDM QPSK	2615	523000	10	1	23	Fig.17	Fig.18
CP-OFDM QPSK	2577.5	515500	15	38	0	Fig.19	Fig.20
CP-OFDM QPSK	2577.5	515500	15	1	0	Fig.21	Fig.22
CP-OFDM QPSK	2577.5	515500	15	1	37	Fig.23	Fig.24
CP-OFDM QPSK	2595	519000	15	38	0	Fig.25	Fig.26
CP-OFDM QPSK	2595	519000	15	1	0	Fig.27	Fig.28
CP-OFDM QPSK	2595	519000	15	1	37	Fig.29	Fig.30
CP-OFDM QPSK	2612.5	522500	15	38	0	Fig.31	Fig.32
CP-OFDM QPSK	2612.5	522500	15	1	0	Fig.33	Fig.34
CP-OFDM QPSK	2612.5	522500	15	1	37	Fig.35	Fig.36
CP-OFDM QPSK	2580	516000	20	51	0	Fig.37	Fig.38
CP-OFDM QPSK	2580	516000	20	1	0	Fig.39	Fig.40
CP-OFDM QPSK	2580	516000	20	1	50	Fig.41	Fig.42
CP-OFDM QPSK	2595	519000	20	51	0	Fig.43	Fig.44
CP-OFDM QPSK	2595	519000	20	1	0	Fig.45	Fig.46
CP-OFDM QPSK	2595	519000	20	1	50	Fig.47	Fig.48
CP-OFDM QPSK	2610	522000	20	51	0	Fig.49	Fig.50
CP-OFDM QPSK	2610	522000	20	1	0	Fig.51	Fig.52
CP-OFDM QPSK	2610	522000	20	1	50	Fig.53	Fig.54

Test Plot:



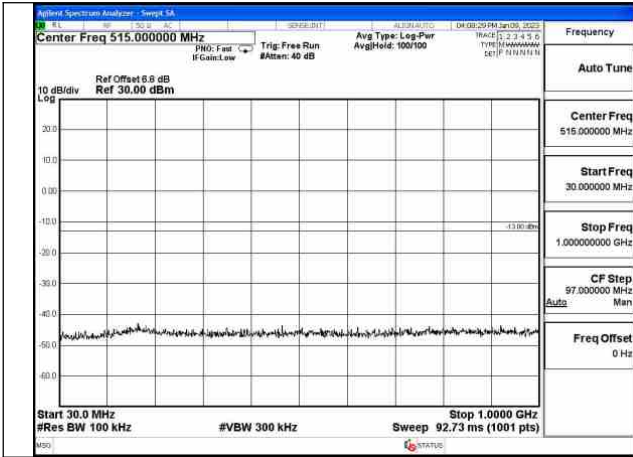


Fig.3



Fig.4

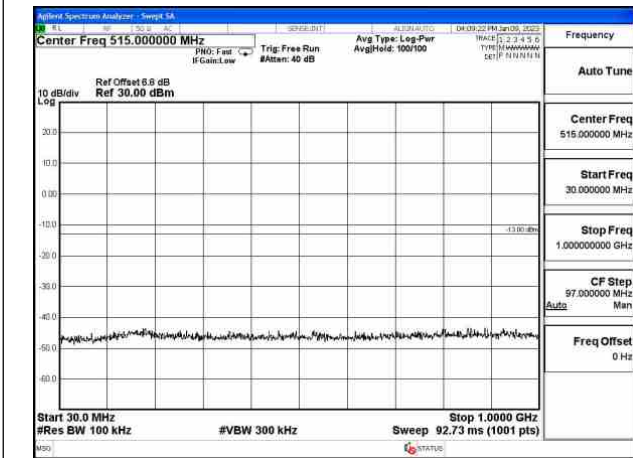


Fig.5



Fig.6

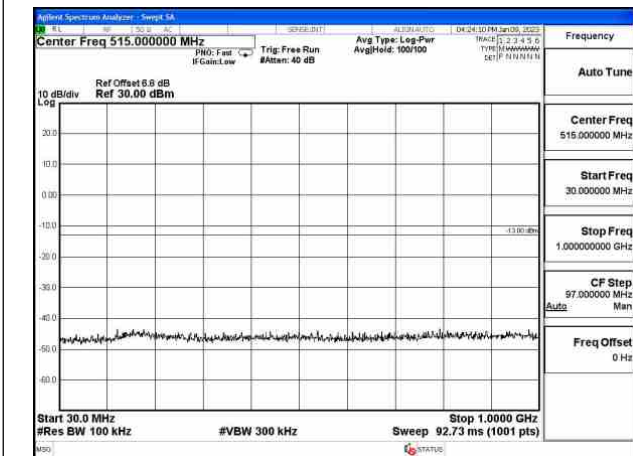


Fig.7

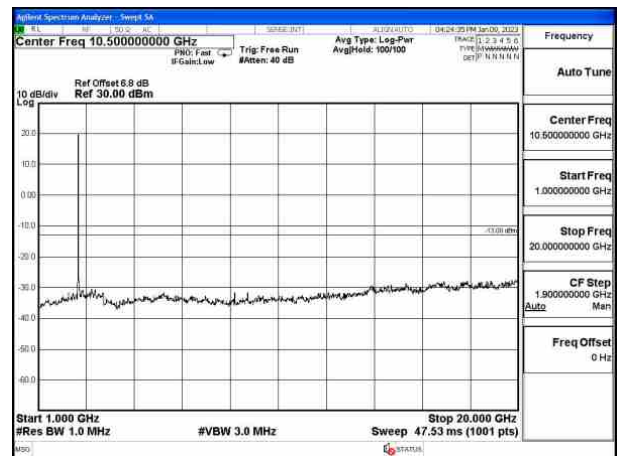


Fig.8

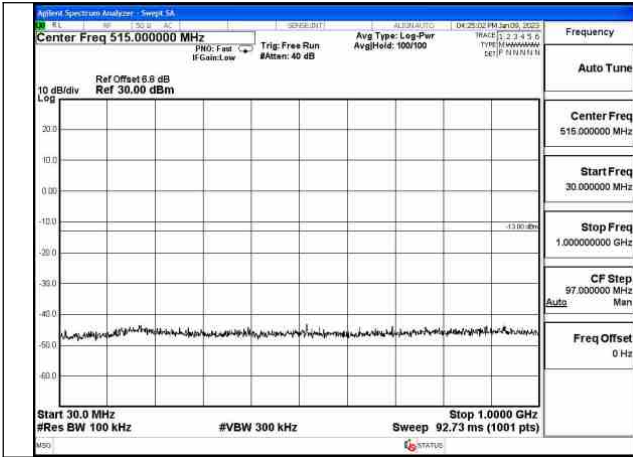


Fig.9

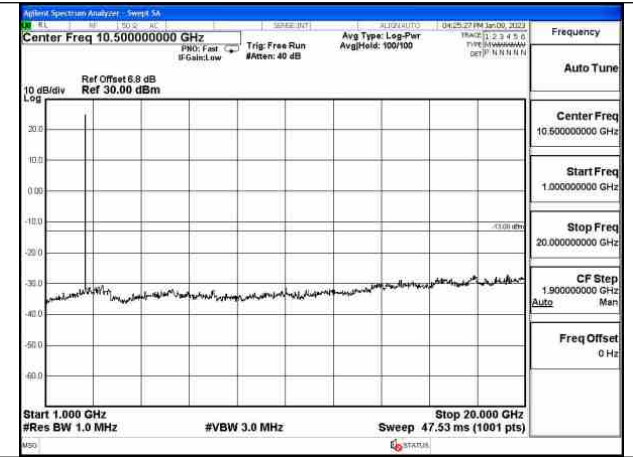


Fig.10

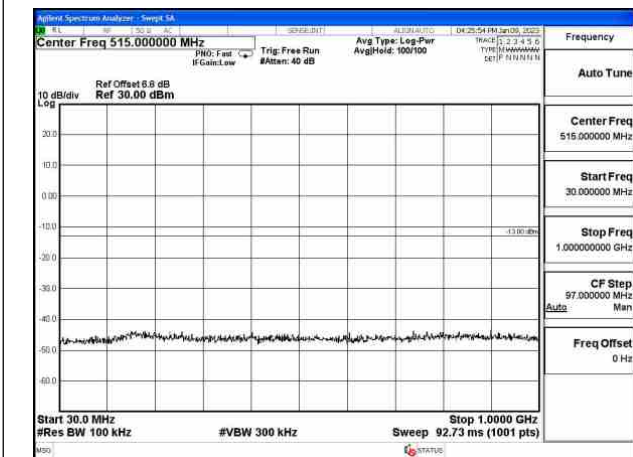


Fig.11

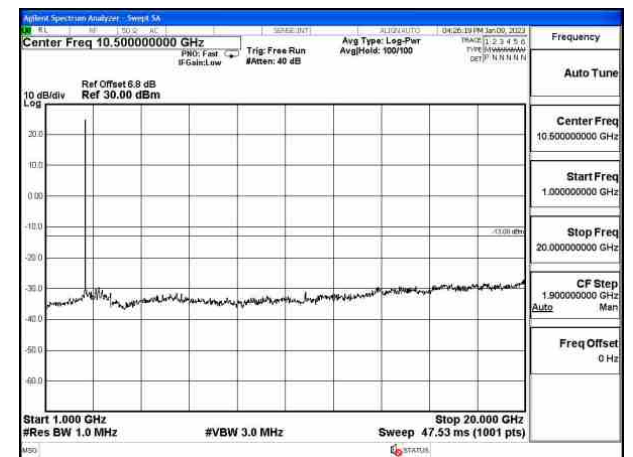


Fig.12

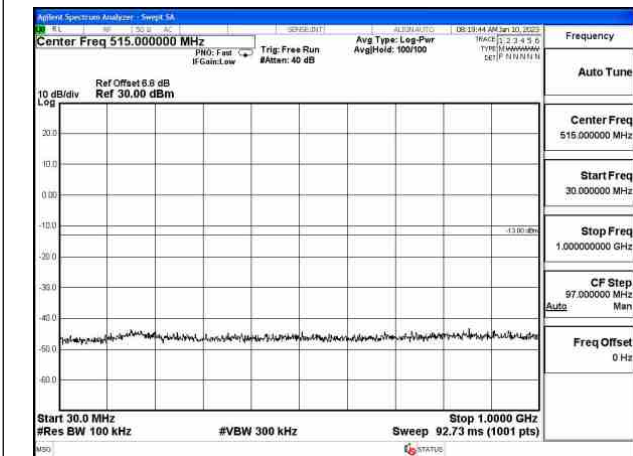


Fig.13

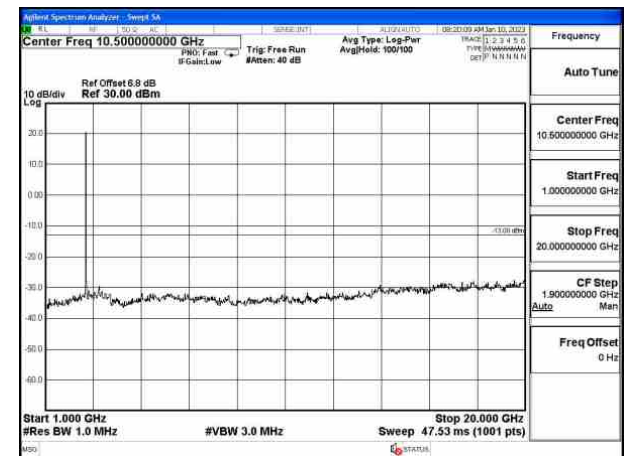


Fig.14

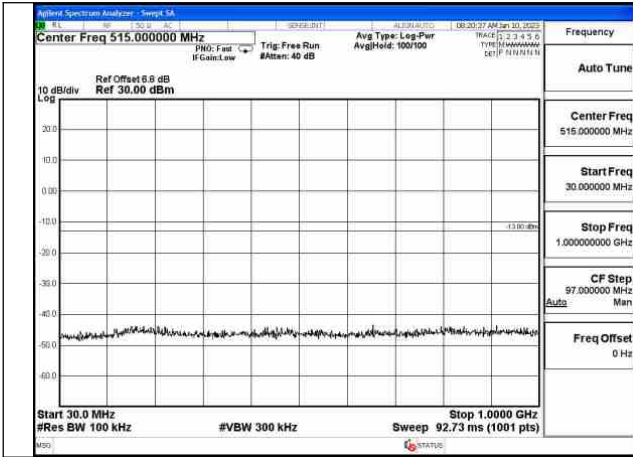


Fig.15

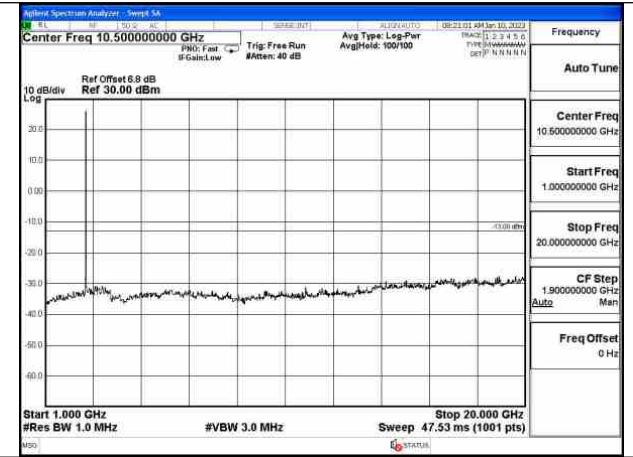


Fig.16

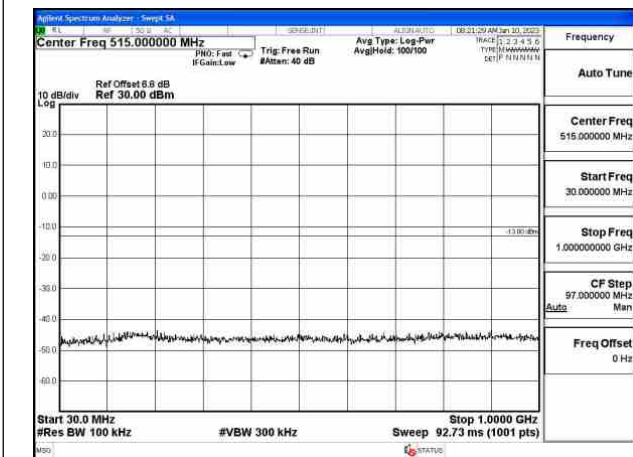


Fig.17

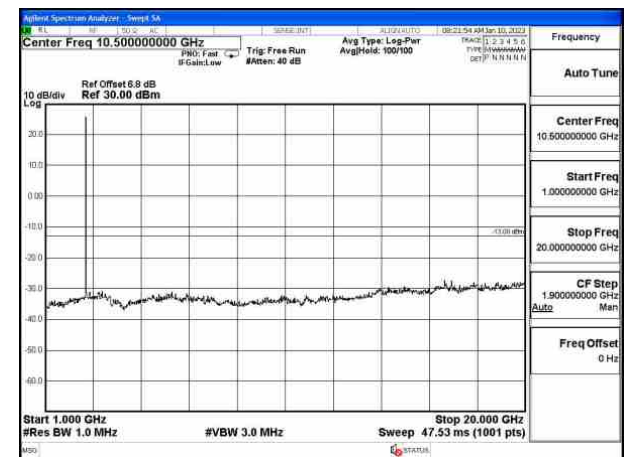


Fig.18

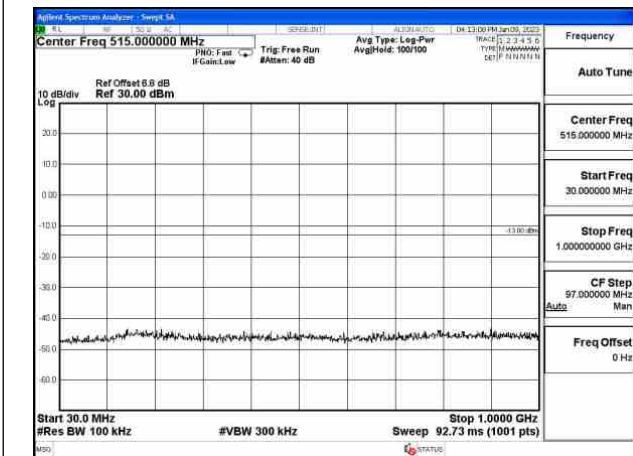


Fig.19

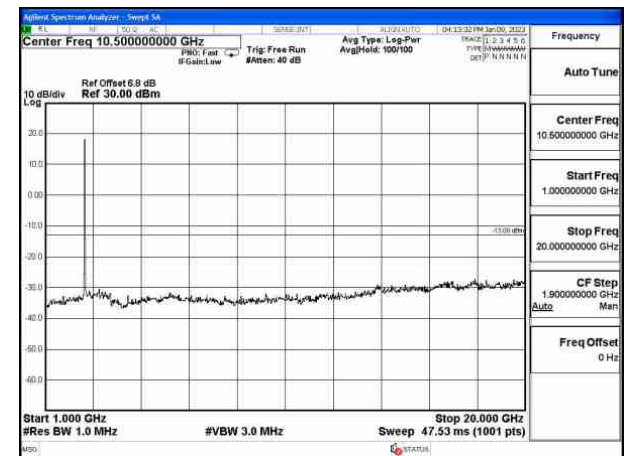


Fig.20

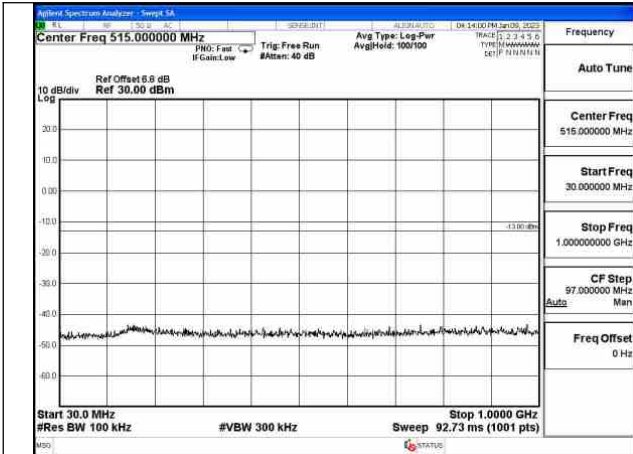


Fig.21

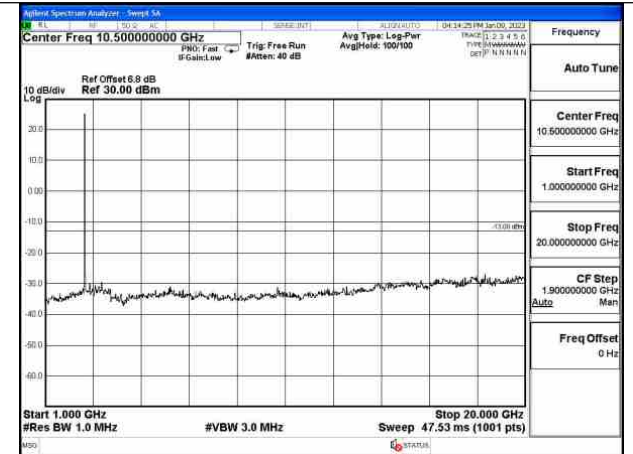


Fig.22

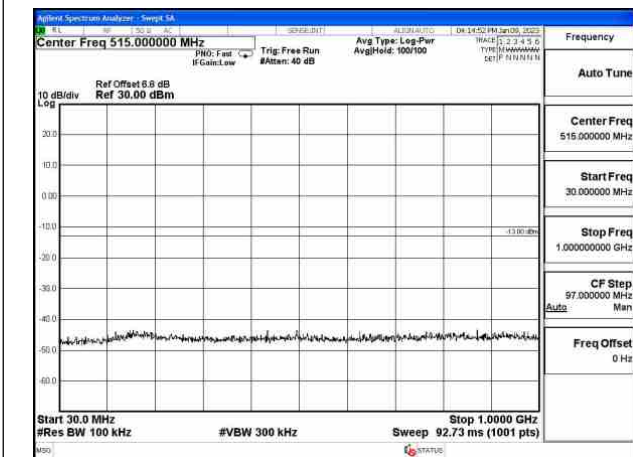


Fig.23

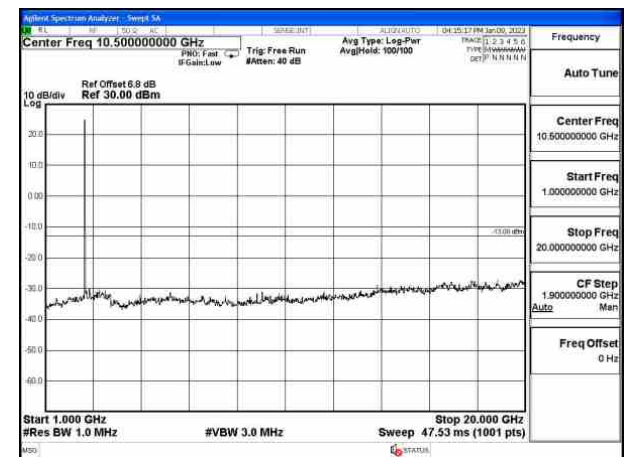


Fig.24

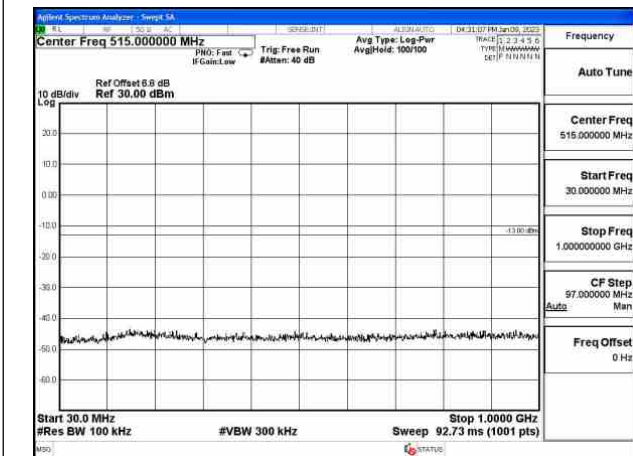


Fig.25

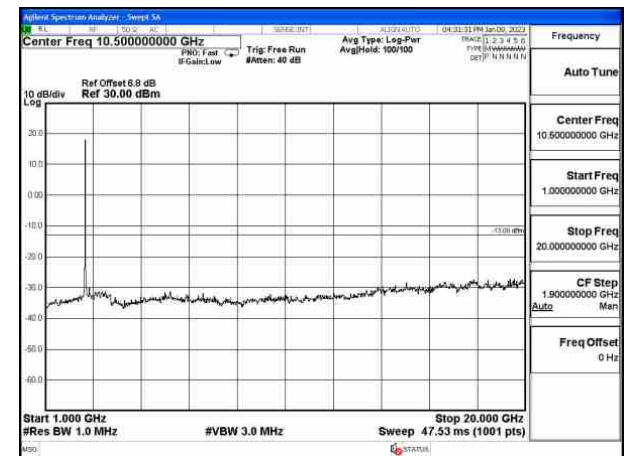


Fig.26

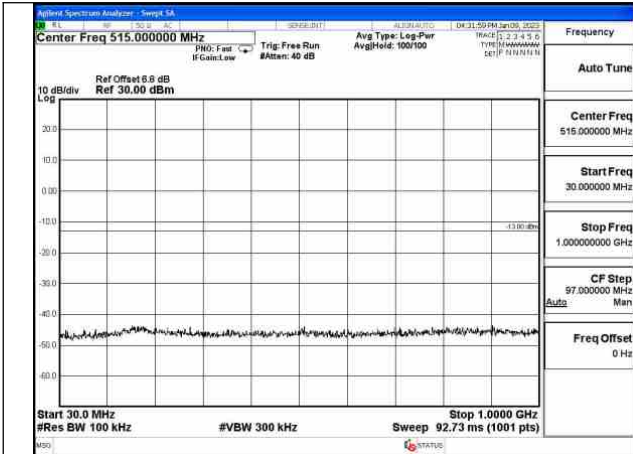


Fig.27

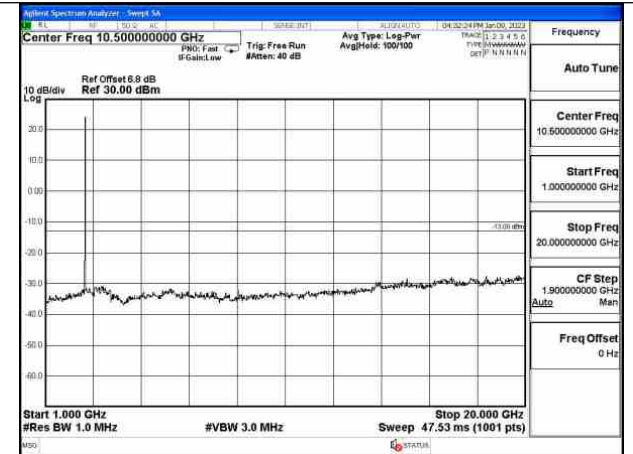


Fig.28

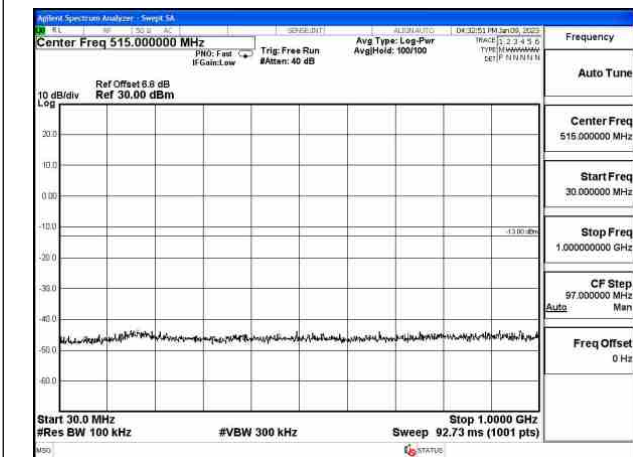


Fig.29

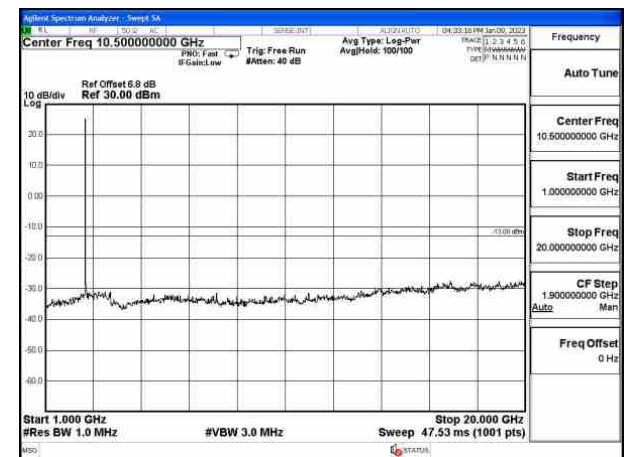


Fig.30

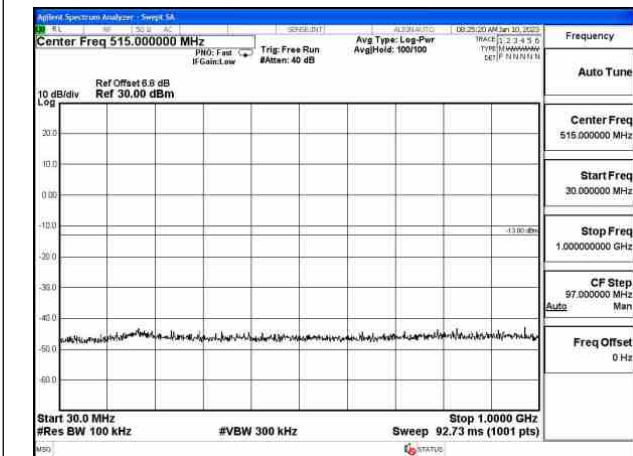


Fig.31

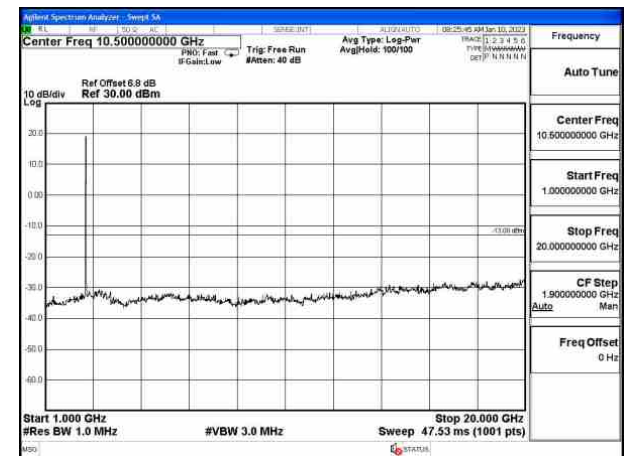


Fig.32

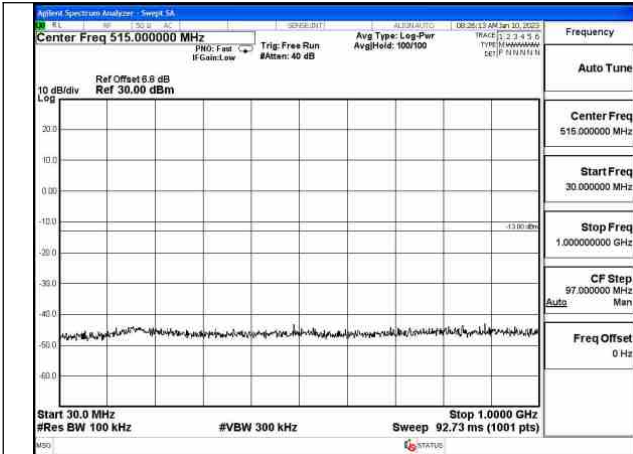


Fig.33

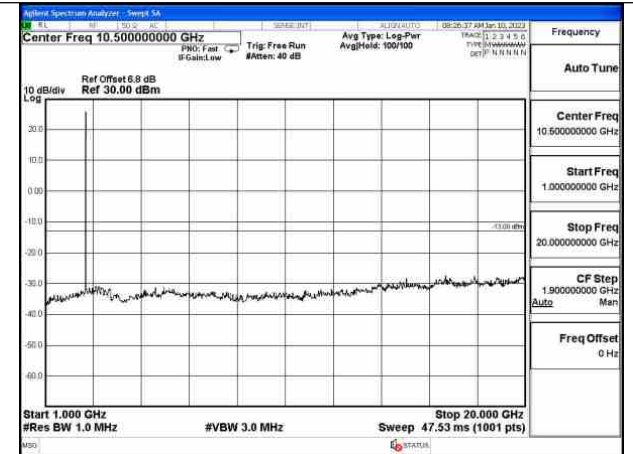


Fig.34

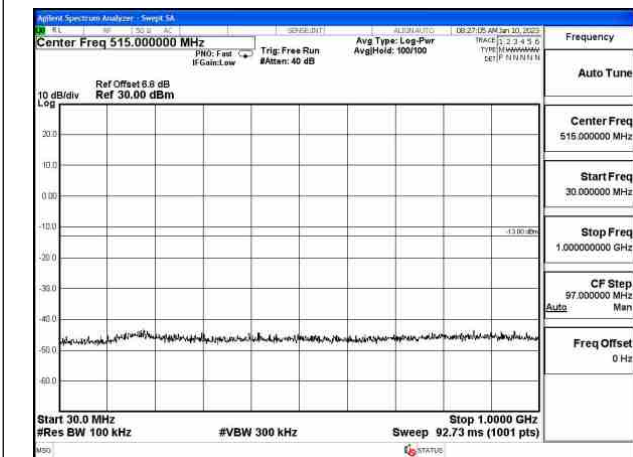


Fig.35

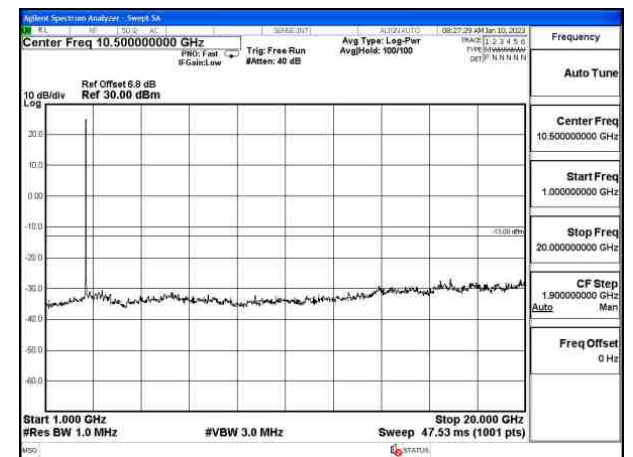


Fig.36

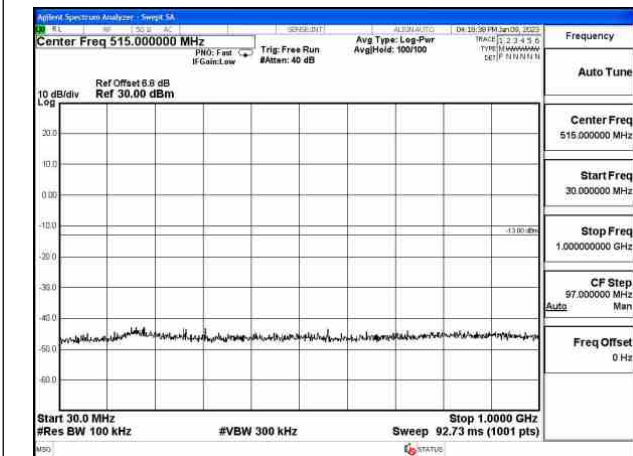


Fig.37

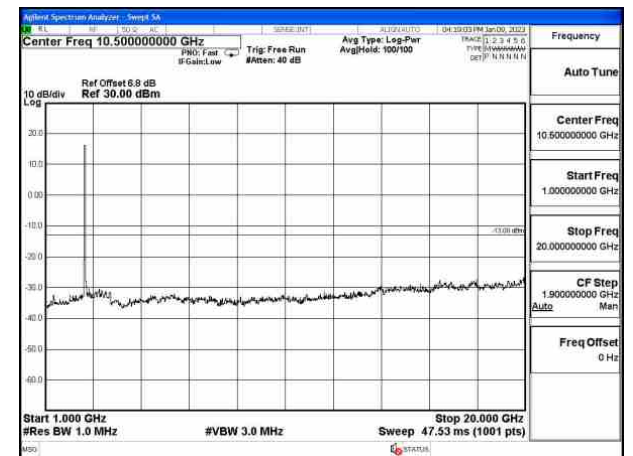


Fig.38

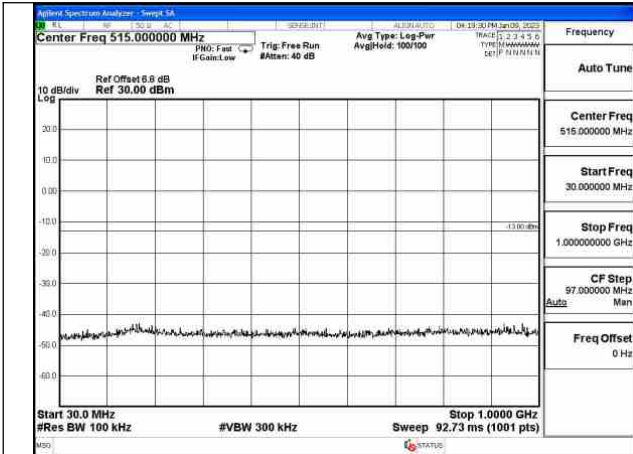


Fig.39

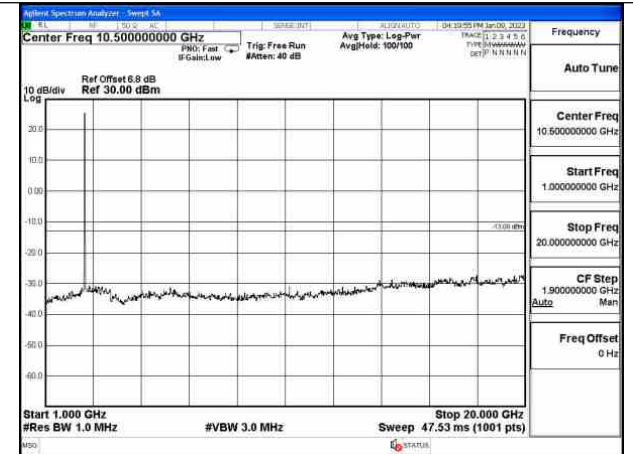


Fig.40

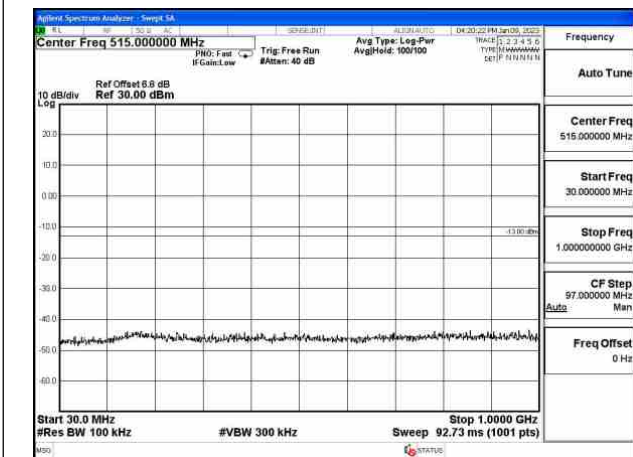


Fig.41

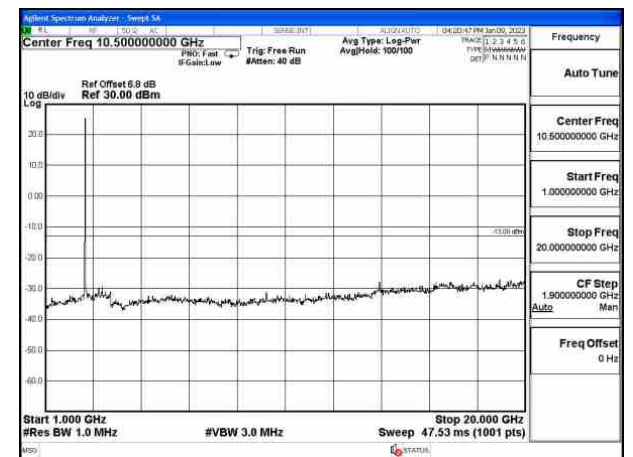


Fig.42

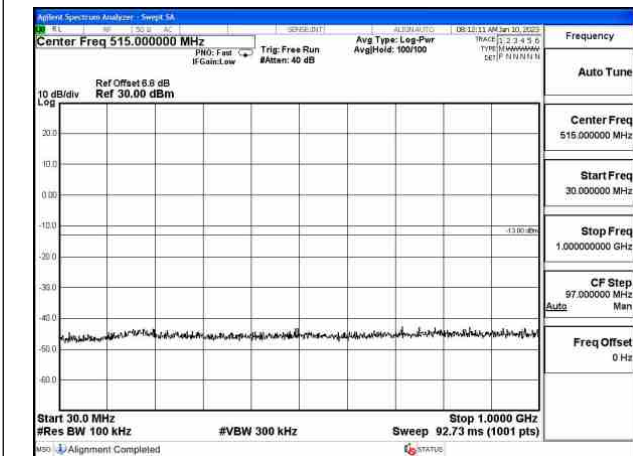


Fig.43

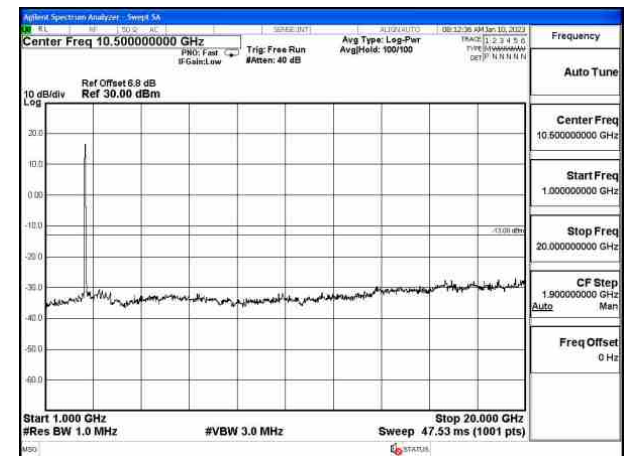


Fig.44

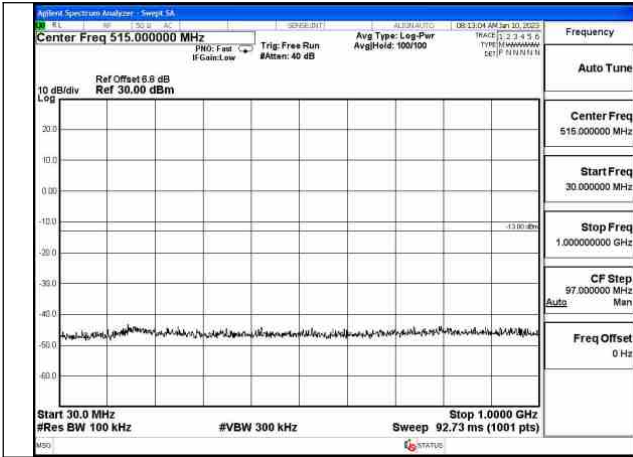


Fig.45

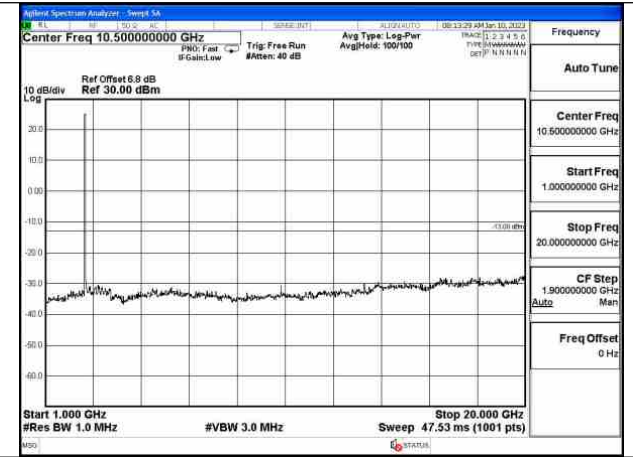


Fig.46

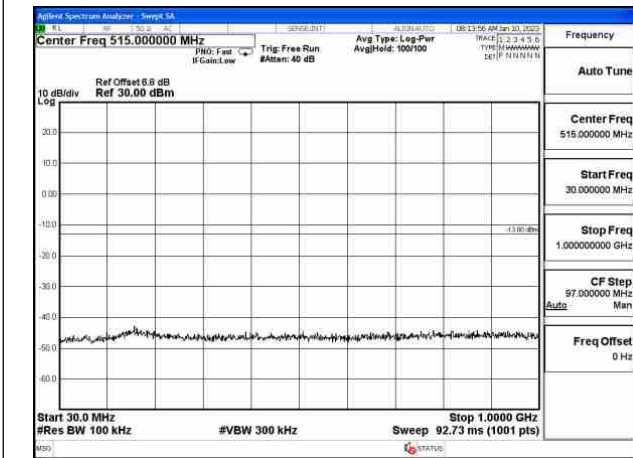


Fig.47

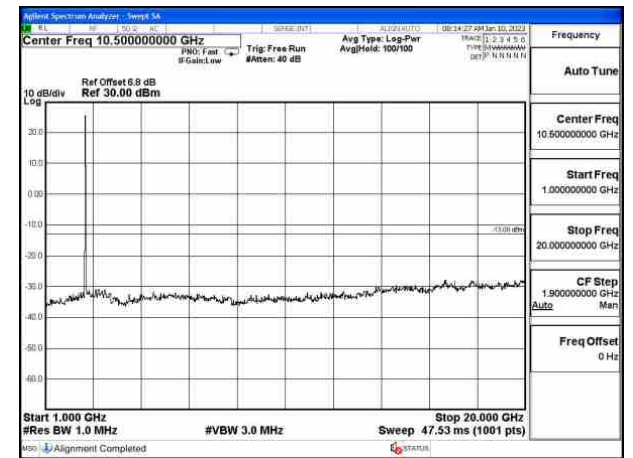


Fig.48

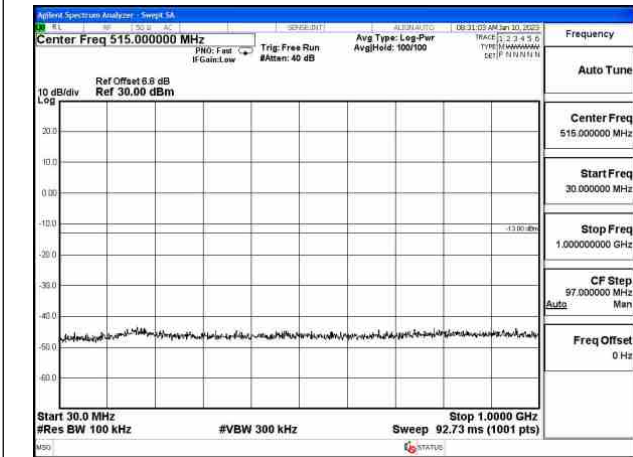


Fig.49

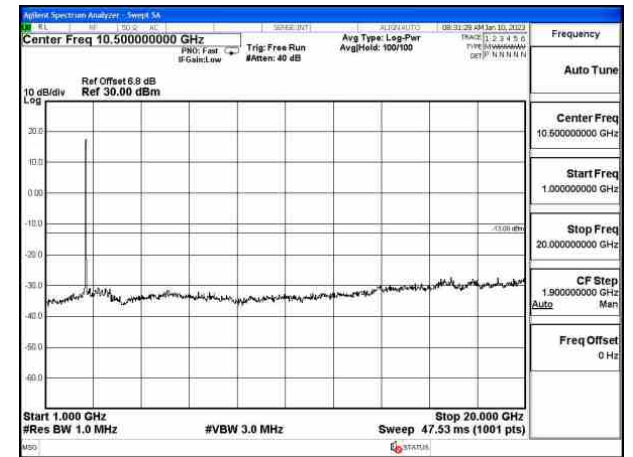


Fig.50

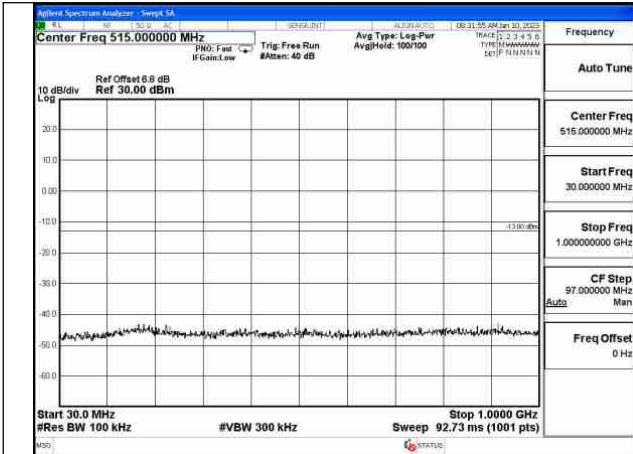


Fig.51

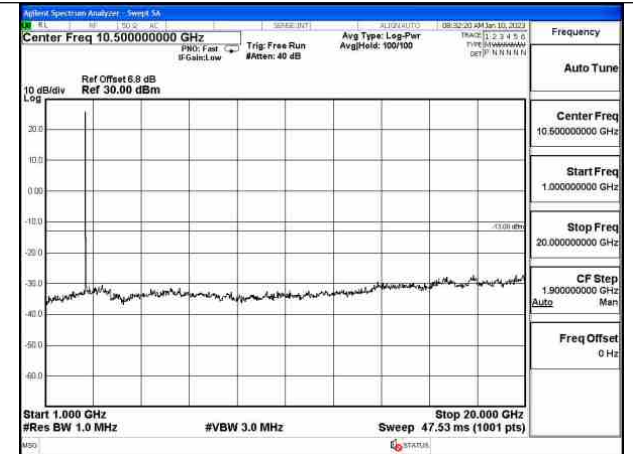


Fig.52



Fig.53

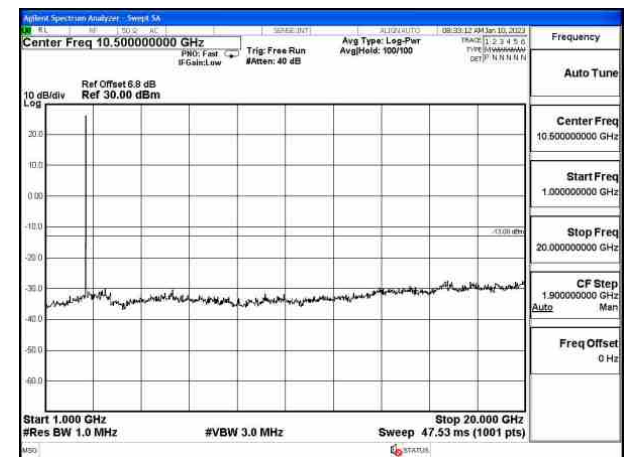
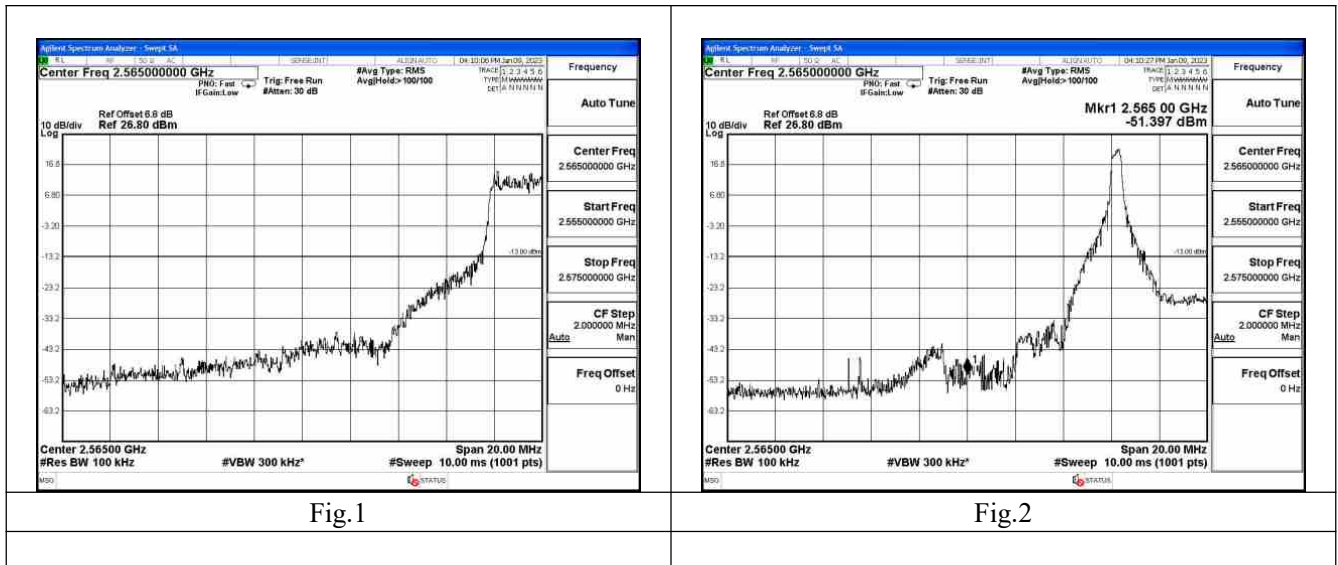


Fig.54

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	2575	515000	10	12	6	Fig.1
DFT-s-OFDM PI/2 BPSK	2575	515000	10	1	1	Fig.2
DFT-s-OFDM QPSK	2575	515000	10	12	6	Fig.3
DFT-s-OFDM QPSK	2575	515000	10	1	1	Fig.4
DFT-s-OFDM PI/2 BPSK	2615	523000	10	12	6	Fig.5
DFT-s-OFDM PI/2 BPSK	2615	523000	10	1	22	Fig.6
DFT-s-OFDM QPSK	2615	523000	10	12	6	Fig.7
DFT-s-OFDM QPSK	2615	523000	10	1	22	Fig.8
DFT-s-OFDM PI/2 BPSK	2577.5	515500	15	18	9	Fig.9
DFT-s-OFDM PI/2 BPSK	2577.5	515500	15	1	1	Fig.10
DFT-s-OFDM QPSK	2577.5	515500	15	18	9	Fig.11
DFT-s-OFDM QPSK	2577.5	515500	15	1	1	Fig.12
DFT-s-OFDM PI/2 BPSK	2612.5	522500	15	18	9	Fig.13
DFT-s-OFDM PI/2 BPSK	2612.5	522500	15	1	36	Fig.14
DFT-s-OFDM QPSK	2612.5	522500	15	18	9	Fig.15
DFT-s-OFDM QPSK	2612.5	522500	15	1	36	Fig.16
DFT-s-OFDM PI/2 BPSK	2580	516000	20	25	12	Fig.17
DFT-s-OFDM PI/2 BPSK	2580	516000	20	1	1	Fig.18
DFT-s-OFDM QPSK	2580	516000	20	25	12	Fig.19
DFT-s-OFDM QPSK	2580	516000	20	1	1	Fig.20
DFT-s-OFDM PI/2 BPSK	2610	522000	20	25	12	Fig.21
DFT-s-OFDM PI/2 BPSK	2610	522000	20	1	49	Fig.22
DFT-s-OFDM QPSK	2610	522000	20	25	12	Fig.23
DFT-s-OFDM QPSK	2610	522000	20	1	49	Fig.24

Test Plot:



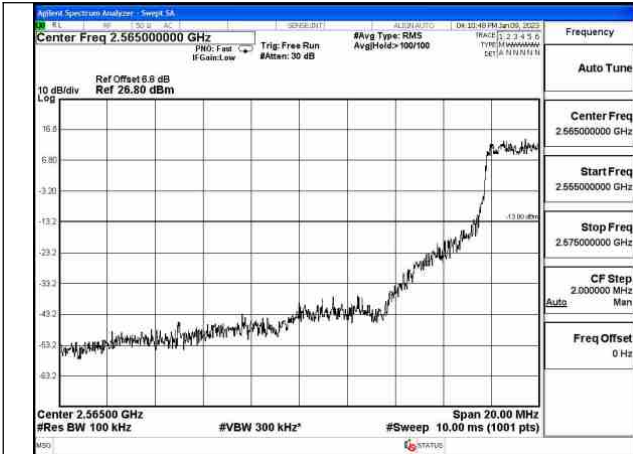


Fig.3

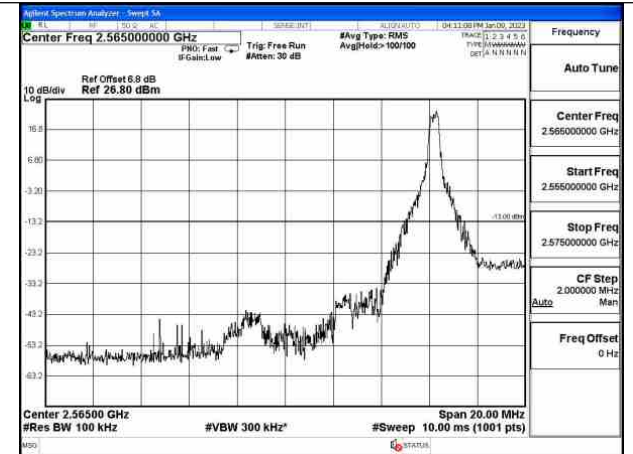


Fig.4

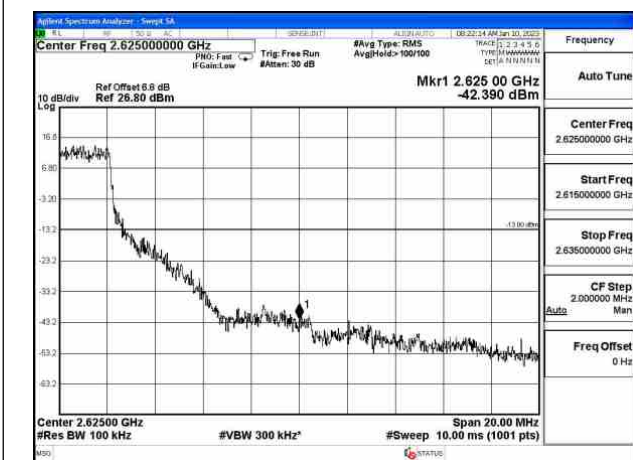


Fig.5

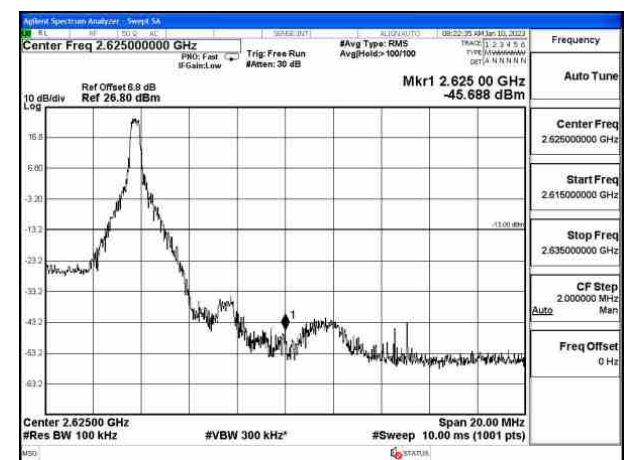


Fig.6

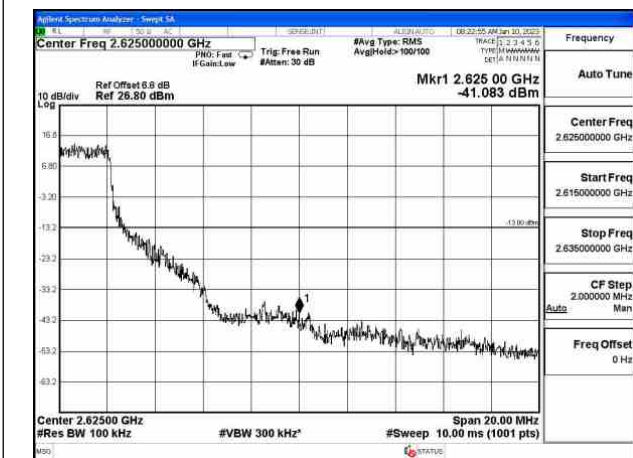


Fig.7

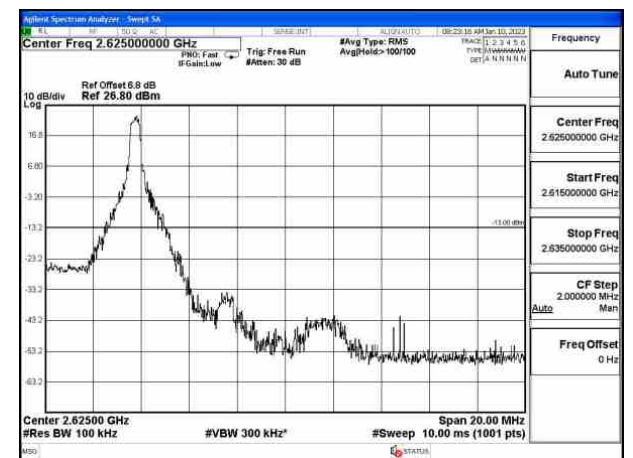


Fig.8

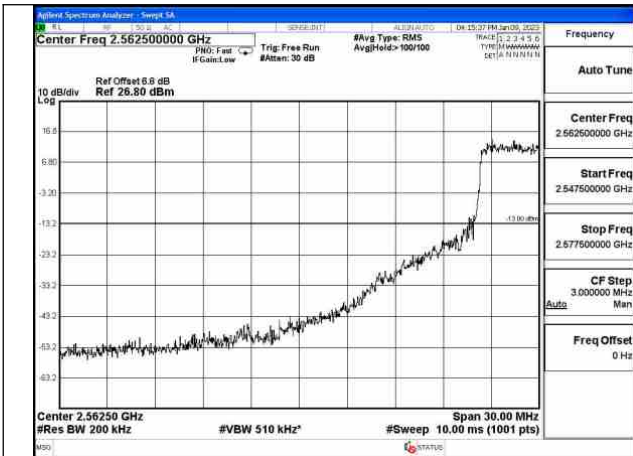


Fig.9

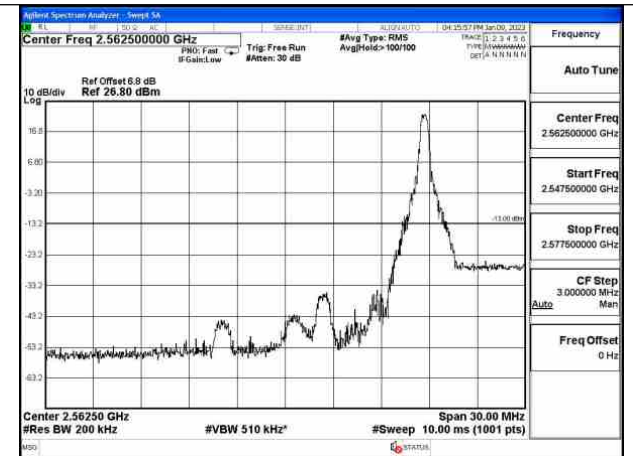


Fig.10

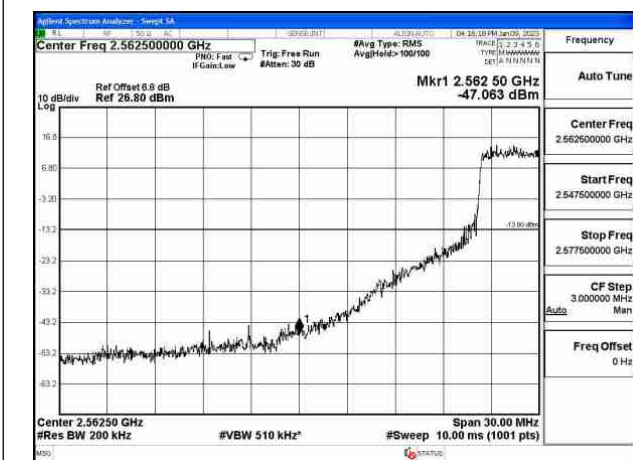


Fig.11

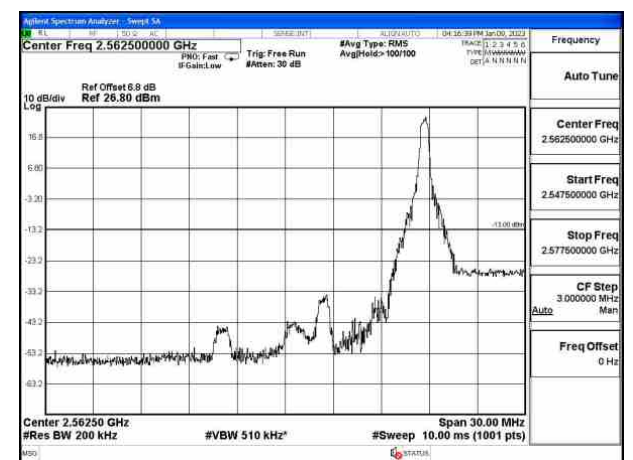


Fig.12

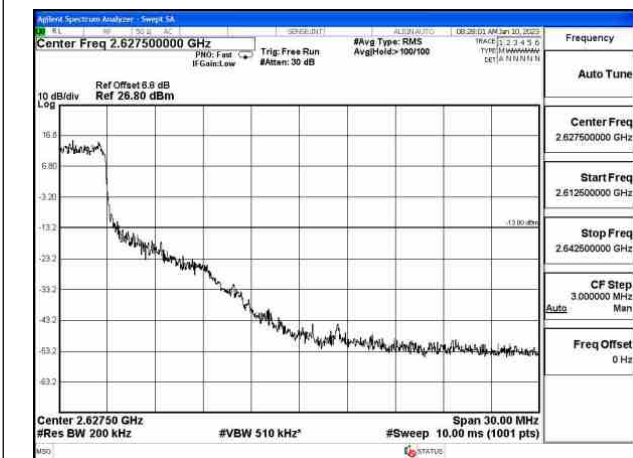


Fig.13



Fig.14

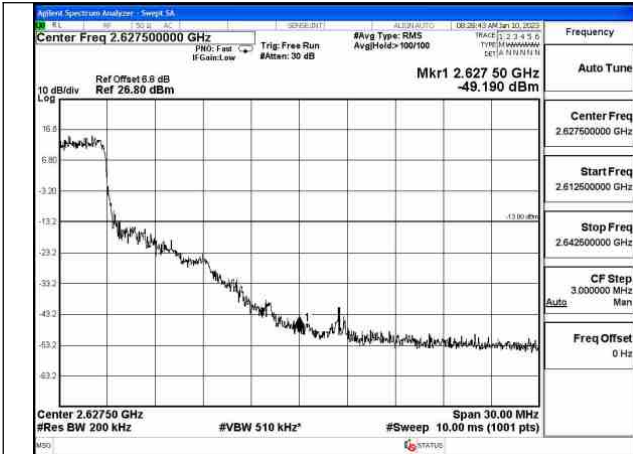


Fig.15

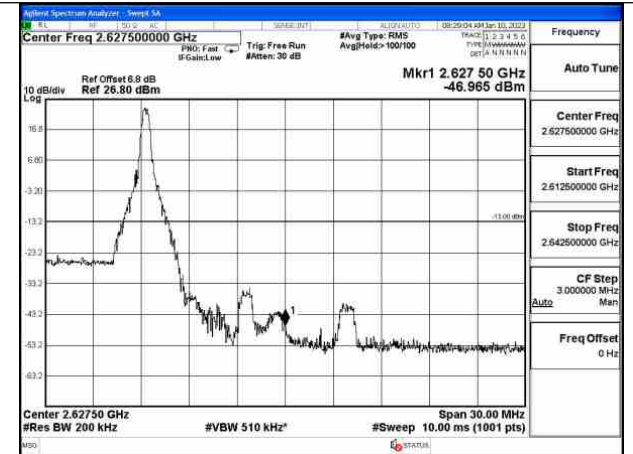


Fig.16

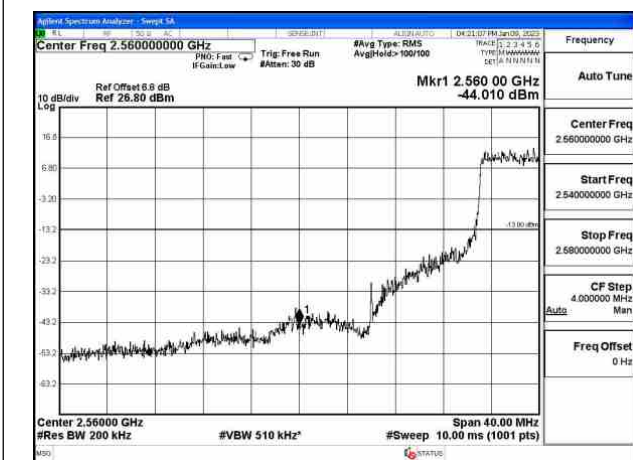


Fig.17

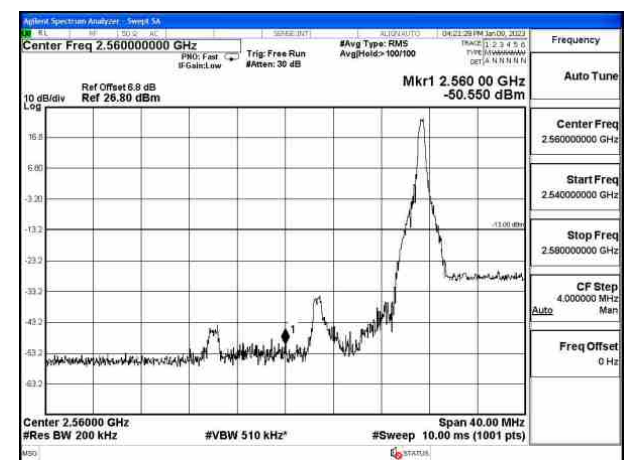


Fig.18

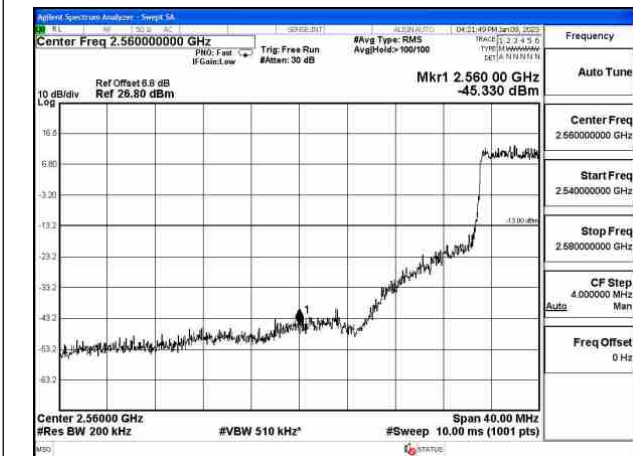


Fig.19

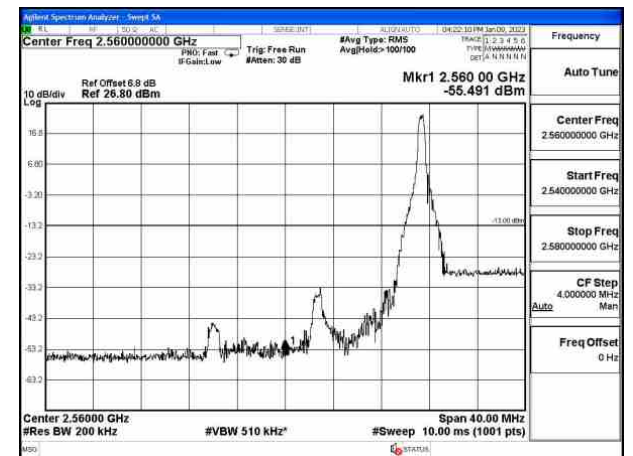


Fig.20

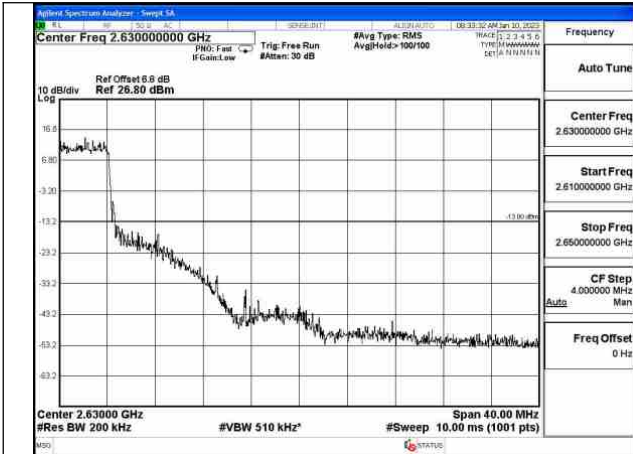


Fig.21

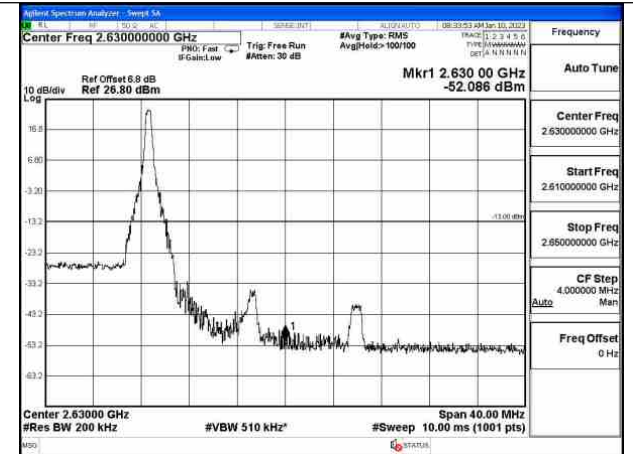


Fig.22

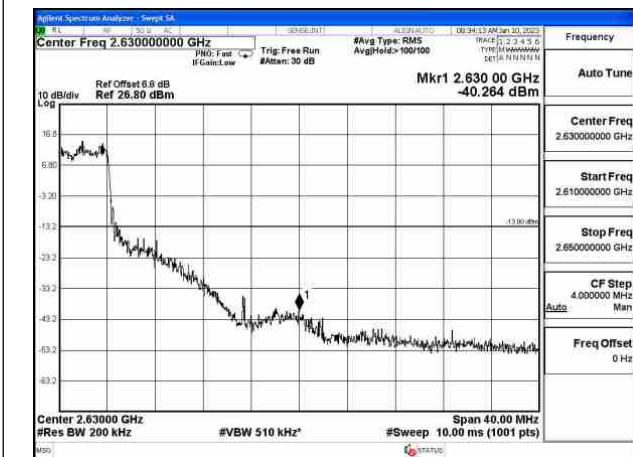


Fig.23

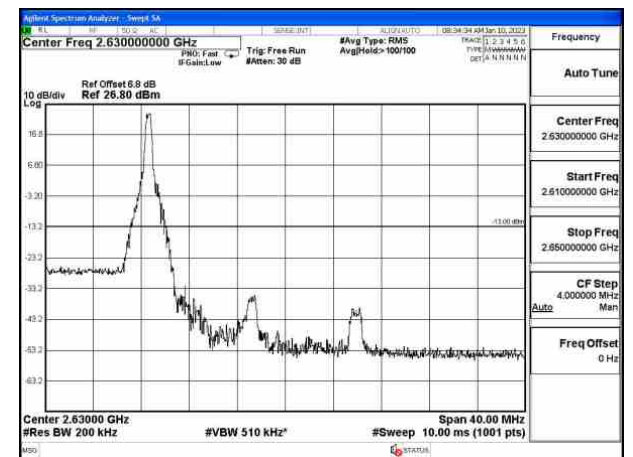


Fig.24

7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM QPSK	2595	519000	20	50	0	-10	NV	0.0015
DFT-s-OFDM QPSK	2595	519000	20	50	0	0	NV	-0.0039
DFT-s-OFDM QPSK	2595	519000	20	50	0	10	NV	-0.0031
DFT-s-OFDM QPSK	2595	519000	20	50	0	20	NV	-0.0039
DFT-s-OFDM QPSK	2595	519000	20	50	0	30	NV	0.0019
DFT-s-OFDM QPSK	2595	519000	20	50	0	40	NV	-0.0023
DFT-s-OFDM QPSK	2595	519000	20	50	0	50	NV	-0.0023
DFT-s-OFDM QPSK	2595	519000	20	50	0	55	NV	-0.0023
DFT-s-OFDM QPSK	2595	519000	20	50	0	20	LV	-0.0015
DFT-s-OFDM QPSK	2595	519000	20	50	0	20	HV	-0.0039

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	2575	515000	10	12	6	22.82	21.42	0.139
DFT-s-OFDM PI/2 BPSK	2575	515000	10	1	1	23.21	21.81	0.152
DFT-s-OFDM PI/2 BPSK	2575	515000	10	1	22	23.92	22.52	0.179
DFT-s-OFDM QPSK	2575	515000	10	12	6	22.32	20.92	0.124
DFT-s-OFDM QPSK	2575	515000	10	1	1	23.03	21.63	0.146
DFT-s-OFDM QPSK	2575	515000	10	1	22	23.42	22.02	0.159
DFT-s-OFDM QPSK	2575	515000	10	12	6	22.15	20.75	0.119
DFT-s-OFDM QPSK	2575	515000	10	24	0	22.54	21.14	0.130
DFT-s-OFDM 16QAM	2575	515000	10	1	0	22.92	21.52	0.142
DFT-s-OFDM 16QAM	2575	515000	10	1	23	23.63	22.23	0.167
DFT-s-OFDM 16QAM	2575	515000	10	12	6	22.75	21.35	0.136
DFT-s-OFDM 16QAM	2575	515000	10	24	0	23.14	21.74	0.149
DFT-s-OFDM 64QAM	2575	515000	10	1	0	23.85	22.45	0.176
DFT-s-OFDM 64QAM	2575	515000	10	1	23	23.91	22.51	0.178
DFT-s-OFDM 64QAM	2575	515000	10	12	6	22.64	21.24	0.133
DFT-s-OFDM 64QAM	2575	515000	10	24	0	23.03	21.63	0.146
DFT-s-OFDM 256QAM	2575	515000	10	1	0	20.08	18.68	0.074
DFT-s-OFDM 256QAM	2575	515000	10	1	23	19.89	18.49	0.071
DFT-s-OFDM 256QAM	2575	515000	10	12	6	20.12	18.72	0.074
DFT-s-OFDM 256QAM	2575	515000	10	24	0	20.54	19.14	0.082
CP-OFDM QPSK	2575	515000	10	1	0	23.63	22.23	0.167
CP-OFDM QPSK	2575	515000	10	1	23	23.07	21.67	0.147
CP-OFDM QPSK	2575	515000	10	12	6	22.74	21.34	0.136
CP-OFDM QPSK	2575	515000	10	24	0	23.13	21.73	0.149
CP-OFDM 16QAM	2575	515000	10	1	0	22.57	21.17	0.131
CP-OFDM 16QAM	2575	515000	10	1	23	22.25	20.85	0.122
CP-OFDM 16QAM	2575	515000	10	12	6	23.67	22.27	0.169
CP-OFDM 16QAM	2575	515000	10	24	0	22.08	20.68	0.117
CP-OFDM 64QAM	2575	515000	10	1	0	23.73	22.33	0.171
CP-OFDM 64QAM	2575	515000	10	1	23	23.17	21.77	0.150
CP-OFDM 64QAM	2575	515000	10	12	6	23.56	22.16	0.164
CP-OFDM 64QAM	2575	515000	10	24	0	22.29	20.89	0.123
CP-OFDM 256QAM	2575	515000	10	1	0	20.20	18.80	0.076
CP-OFDM 256QAM	2575	515000	10	1	23	20.01	18.61	0.073
CP-OFDM 256QAM	2575	515000	10	12	6	20.86	19.46	0.088
CP-OFDM 256QAM	2575	515000	10	24	0	19.91	18.51	0.071
DFT-s-OFDM PI/2 BPSK	2595	519000	10	12	6	22.10	20.70	0.117
DFT-s-OFDM PI/2 BPSK	2595	519000	10	1	1	22.48	21.08	0.128
DFT-s-OFDM PI/2 BPSK	2595	519000	10	1	22	23.19	21.79	0.151
DFT-s-OFDM QPSK	2595	519000	10	12	6	23.58	22.18	0.165
DFT-s-OFDM QPSK	2595	519000	10	1	1	23.97	22.57	0.181
DFT-s-OFDM QPSK	2595	519000	10	1	22	22.37	20.97	0.125
DFT-s-OFDM QPSK	2595	519000	10	12	6	23.08	21.68	0.147
DFT-s-OFDM QPSK	2595	519000	10	24	0	23.47	22.07	0.161

DFT-s-OFDM 16QAM	2595	519000	10	1	0	23.86	22.46	0.176
DFT-s-OFDM 16QAM	2595	519000	10	1	23	23.30	21.90	0.155
DFT-s-OFDM 16QAM	2595	519000	10	12	6	22.97	21.57	0.144
DFT-s-OFDM 16QAM	2595	519000	10	24	0	22.41	21.01	0.126
DFT-s-OFDM 64QAM	2595	519000	10	1	0	22.80	21.40	0.138
DFT-s-OFDM 64QAM	2595	519000	10	1	23	22.48	21.08	0.128
DFT-s-OFDM 64QAM	2595	519000	10	12	6	23.90	22.50	0.178
DFT-s-OFDM 64QAM	2595	519000	10	24	0	22.30	20.90	0.123
DFT-s-OFDM 256QAM	2595	519000	10	1	0	20.21	18.81	0.076
DFT-s-OFDM 256QAM	2595	519000	10	1	23	20.44	19.04	0.080
DFT-s-OFDM 256QAM	2595	519000	10	12	6	20.87	19.47	0.089
DFT-s-OFDM 256QAM	2595	519000	10	24	0	19.92	18.52	0.071
CP-OFDM QPSK	2595	519000	10	1	0	23.61	22.21	0.166
CP-OFDM QPSK	2595	519000	10	1	23	22.02	20.62	0.115
CP-OFDM QPSK	2595	519000	10	12	6	23.68	22.28	0.169
CP-OFDM QPSK	2595	519000	10	24	0	23.12	21.72	0.149
CP-OFDM 16QAM	2595	519000	10	1	0	23.50	22.10	0.162
CP-OFDM 16QAM	2595	519000	10	1	23	23.89	22.49	0.177
CP-OFDM 16QAM	2595	519000	10	12	6	22.62	21.22	0.132
CP-OFDM 16QAM	2595	519000	10	24	0	23.01	21.61	0.145
CP-OFDM 64QAM	2595	519000	10	1	0	23.39	21.99	0.158
CP-OFDM 64QAM	2595	519000	10	1	23	22.13	20.73	0.118
CP-OFDM 64QAM	2595	519000	10	12	6	22.51	21.11	0.129
CP-OFDM 64QAM	2595	519000	10	24	0	22.90	21.50	0.141
CP-OFDM 256QAM	2595	519000	10	1	0	20.00	18.60	0.072
CP-OFDM 256QAM	2595	519000	10	1	23	20.23	18.83	0.076
CP-OFDM 256QAM	2595	519000	10	12	6	20.46	19.06	0.081
CP-OFDM 256QAM	2595	519000	10	24	0	20.89	19.49	0.089
DFT-s-OFDM PI/2 BPSK	2615	523000	10	12	6	22.42	21.02	0.126
DFT-s-OFDM PI/2 BPSK	2615	523000	10	1	1	23.84	22.44	0.175
DFT-s-OFDM PI/2 BPSK	2615	523000	10	1	22	22.25	20.85	0.122
DFT-s-OFDM QPSK	2615	523000	10	12	6	22.64	21.24	0.133
DFT-s-OFDM QPSK	2615	523000	10	1	1	23.35	21.95	0.157
DFT-s-OFDM QPSK	2615	523000	10	1	22	22.46	21.06	0.128
DFT-s-OFDM QPSK	2615	523000	10	12	6	22.85	21.45	0.140
DFT-s-OFDM QPSK	2615	523000	10	24	0	23.56	22.16	0.164
DFT-s-OFDM 16QAM	2615	523000	10	1	0	23.95	22.55	0.180
DFT-s-OFDM 16QAM	2615	523000	10	1	23	22.35	20.95	0.124
DFT-s-OFDM 16QAM	2615	523000	10	12	6	22.74	21.34	0.136
DFT-s-OFDM 16QAM	2615	523000	10	24	0	22.18	20.78	0.120
DFT-s-OFDM 64QAM	2615	523000	10	1	0	22.57	21.17	0.131
DFT-s-OFDM 64QAM	2615	523000	10	1	23	22.95	21.55	0.143
DFT-s-OFDM 64QAM	2615	523000	10	12	6	23.34	21.94	0.156
DFT-s-OFDM 64QAM	2615	523000	10	24	0	22.07	20.67	0.117
DFT-s-OFDM 256QAM	2615	523000	10	1	0	20.07	18.67	0.074
DFT-s-OFDM 256QAM	2615	523000	10	1	23	20.31	18.91	0.078

DFT-s-OFDM 256QAM	2615	523000	10	12	6	19.97	18.57	0.072
DFT-s-OFDM 256QAM	2615	523000	10	24	0	20.20	18.80	0.076
CP-OFDM QPSK	2615	523000	10	1	0	23.38	21.98	0.158
CP-OFDM QPSK	2615	523000	10	1	23	23.77	22.37	0.173
CP-OFDM QPSK	2615	523000	10	12	6	22.17	20.77	0.119
CP-OFDM QPSK	2615	523000	10	24	0	22.56	21.16	0.131
CP-OFDM 16QAM	2615	523000	10	1	0	23.98	22.58	0.181
CP-OFDM 16QAM	2615	523000	10	1	23	22.39	20.99	0.126
CP-OFDM 16QAM	2615	523000	10	12	6	22.78	21.38	0.137
CP-OFDM 16QAM	2615	523000	10	24	0	23.16	21.76	0.150
CP-OFDM 64QAM	2615	523000	10	1	0	22.60	21.20	0.132
CP-OFDM 64QAM	2615	523000	10	1	23	22.28	20.88	0.122
CP-OFDM 64QAM	2615	523000	10	12	6	22.66	21.26	0.134
CP-OFDM 64QAM	2615	523000	10	24	0	22.11	20.71	0.118
CP-OFDM 256QAM	2615	523000	10	1	0	20.10	18.70	0.074
CP-OFDM 256QAM	2615	523000	10	1	23	20.33	18.93	0.078
CP-OFDM 256QAM	2615	523000	10	12	6	20.56	19.16	0.082
CP-OFDM 256QAM	2615	523000	10	24	0	20.22	18.82	0.076

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	2577.5	515500	15	18	9	23.66	22.26	0.168
DFT-s-OFDM PI/2 BPSK	2577.5	515500	15	1	1	22.39	20.99	0.126
DFT-s-OFDM PI/2 BPSK	2577.5	515500	15	1	36	22.78	21.38	0.137
DFT-s-OFDM QPSK	2577.5	515500	15	18	9	23.17	21.77	0.150
DFT-s-OFDM QPSK	2577.5	515500	15	1	1	23.88	22.48	0.177
DFT-s-OFDM QPSK	2577.5	515500	15	1	36	22.28	20.88	0.122
DFT-s-OFDM QPSK	2577.5	515500	15	18	9	22.67	21.27	0.134
DFT-s-OFDM QPSK	2577.5	515500	15	36	0	23.38	21.98	0.158
DFT-s-OFDM 16QAM	2577.5	515500	15	1	0	23.77	22.37	0.173
DFT-s-OFDM 16QAM	2577.5	515500	15	1	37	22.50	21.10	0.129
DFT-s-OFDM 16QAM	2577.5	515500	15	18	9	22.88	21.48	0.141
DFT-s-OFDM 16QAM	2577.5	515500	15	36	0	23.27	21.87	0.154
DFT-s-OFDM 64QAM	2577.5	515500	15	1	0	23.98	22.58	0.181
DFT-s-OFDM 64QAM	2577.5	515500	15	1	37	22.39	20.99	0.126
DFT-s-OFDM 64QAM	2577.5	515500	15	18	9	23.10	21.70	0.148
DFT-s-OFDM 64QAM	2577.5	515500	15	36	0	23.48	22.08	0.161
DFT-s-OFDM 256QAM	2577.5	515500	15	1	0	20.92	19.52	0.090
DFT-s-OFDM 256QAM	2577.5	515500	15	1	37	20.16	18.76	0.075
DFT-s-OFDM 256QAM	2577.5	515500	15	18	9	20.39	18.99	0.079
DFT-s-OFDM 256QAM	2577.5	515500	15	36	0	20.62	19.22	0.084
CP-OFDM QPSK	2577.5	515500	15	1	0	22.10	20.70	0.117
CP-OFDM QPSK	2577.5	515500	15	1	37	22.49	21.09	0.129
CP-OFDM QPSK	2577.5	515500	15	19	9	23.91	22.51	0.178
CP-OFDM QPSK	2577.5	515500	15	38	0	23.59	22.19	0.166
CP-OFDM 16QAM	2577.5	515500	15	1	0	23.97	22.57	0.181

CP-OFDM 16QAM	2577.5	515500	15	1	37	22.70	21.30	0.135
CP-OFDM 16QAM	2577.5	515500	15	19	9	23.09	21.69	0.148
CP-OFDM 16QAM	2577.5	515500	15	38	0	22.53	21.13	0.130
CP-OFDM 64QAM	2577.5	515500	15	1	0	22.21	20.81	0.121
CP-OFDM 64QAM	2577.5	515500	15	1	37	22.59	21.19	0.132
CP-OFDM 64QAM	2577.5	515500	15	19	9	22.03	20.63	0.116
CP-OFDM 64QAM	2577.5	515500	15	38	0	23.69	22.29	0.169
CP-OFDM 256QAM	2577.5	515500	15	1	0	20.48	19.08	0.081
CP-OFDM 256QAM	2577.5	515500	15	1	37	20.71	19.31	0.085
CP-OFDM 256QAM	2577.5	515500	15	19	9	20.94	19.54	0.090
CP-OFDM 256QAM	2577.5	515500	15	38	0	20.18	18.78	0.076
DFT-s-OFDM PI/2 BPSK	2595	519000	15	18	9	23.33	21.93	0.156
DFT-s-OFDM PI/2 BPSK	2595	519000	15	1	1	23.71	22.31	0.170
DFT-s-OFDM PI/2 BPSK	2595	519000	15	1	36	22.12	20.72	0.118
DFT-s-OFDM QPSK	2595	519000	15	18	9	23.54	22.14	0.164
DFT-s-OFDM QPSK	2595	519000	15	1	1	23.22	21.82	0.152
DFT-s-OFDM QPSK	2595	519000	15	1	36	22.66	21.26	0.134
DFT-s-OFDM QPSK	2595	519000	15	18	9	23.04	21.64	0.146
DFT-s-OFDM QPSK	2595	519000	15	36	0	23.43	22.03	0.160
DFT-s-OFDM 16QAM	2595	519000	15	1	0	23.82	22.42	0.175
DFT-s-OFDM 16QAM	2595	519000	15	1	37	22.55	21.15	0.130
DFT-s-OFDM 16QAM	2595	519000	15	18	9	22.93	21.53	0.142
DFT-s-OFDM 16QAM	2595	519000	15	36	0	23.32	21.92	0.156
DFT-s-OFDM 64QAM	2595	519000	15	1	0	22.76	21.36	0.137
DFT-s-OFDM 64QAM	2595	519000	15	1	37	22.44	21.04	0.127
DFT-s-OFDM 64QAM	2595	519000	15	18	9	23.86	22.46	0.176
DFT-s-OFDM 64QAM	2595	519000	15	36	0	22.26	20.86	0.122
DFT-s-OFDM 256QAM	2595	519000	15	1	0	20.19	18.79	0.076
DFT-s-OFDM 256QAM	2595	519000	15	1	37	20.42	19.02	0.080
DFT-s-OFDM 256QAM	2595	519000	15	18	9	20.09	18.69	0.074
DFT-s-OFDM 256QAM	2595	519000	15	36	0	20.32	18.92	0.078
CP-OFDM QPSK	2595	519000	15	1	0	22.54	21.14	0.130
CP-OFDM QPSK	2595	519000	15	1	37	23.64	22.24	0.167
CP-OFDM QPSK	2595	519000	15	19	9	22.37	20.97	0.125
CP-OFDM QPSK	2595	519000	15	38	0	22.75	21.35	0.136
CP-OFDM 16QAM	2595	519000	15	1	0	23.14	21.74	0.149
CP-OFDM 16QAM	2595	519000	15	1	37	22.58	21.18	0.131
CP-OFDM 16QAM	2595	519000	15	19	9	22.97	21.57	0.144
CP-OFDM 16QAM	2595	519000	15	38	0	23.35	21.95	0.157
CP-OFDM 64QAM	2595	519000	15	1	0	22.08	20.68	0.117
CP-OFDM 64QAM	2595	519000	15	1	37	22.47	21.07	0.128
CP-OFDM 64QAM	2595	519000	15	19	9	22.86	21.46	0.140
CP-OFDM 64QAM	2595	519000	15	38	0	22.30	20.90	0.123
CP-OFDM 256QAM	2595	519000	15	1	0	20.21	18.81	0.076
CP-OFDM 256QAM	2595	519000	15	1	37	20.02	18.62	0.073
CP-OFDM 256QAM	2595	519000	15	19	9	20.86	19.46	0.088

CP-OFDM 256QAM	2595	519000	15	38	0	19.91	18.51	0.071
DFT-s-OFDM PI/2 BPSK	2612.5	522500	15	18	9	22.21	20.81	0.121
DFT-s-OFDM PI/2 BPSK	2612.5	522500	15	1	1	23.87	22.47	0.177
DFT-s-OFDM PI/2 BPSK	2612.5	522500	15	1	36	23.31	21.91	0.155
DFT-s-OFDM QPSK	2612.5	522500	15	18	9	23.69	22.29	0.169
DFT-s-OFDM QPSK	2612.5	522500	15	1	1	22.10	20.70	0.117
DFT-s-OFDM QPSK	2612.5	522500	15	1	36	22.49	21.09	0.129
DFT-s-OFDM QPSK	2612.5	522500	15	18	9	23.91	22.51	0.178
DFT-s-OFDM QPSK	2612.5	522500	15	36	0	22.31	20.91	0.123
DFT-s-OFDM 16QAM	2612.5	522500	15	1	0	22.70	21.30	0.135
DFT-s-OFDM 16QAM	2612.5	522500	15	1	37	23.09	21.69	0.148
DFT-s-OFDM 16QAM	2612.5	522500	15	18	9	23.80	22.40	0.174
DFT-s-OFDM 16QAM	2612.5	522500	15	36	0	22.91	21.51	0.142
DFT-s-OFDM 64QAM	2612.5	522500	15	1	0	23.30	21.90	0.155
DFT-s-OFDM 64QAM	2612.5	522500	15	1	37	23.69	22.29	0.169
DFT-s-OFDM 64QAM	2612.5	522500	15	18	9	22.42	21.02	0.126
DFT-s-OFDM 64QAM	2612.5	522500	15	36	0	22.80	21.40	0.138
DFT-s-OFDM 256QAM	2612.5	522500	15	1	0	19.95	18.55	0.072
DFT-s-OFDM 256QAM	2612.5	522500	15	1	37	20.18	18.78	0.076
DFT-s-OFDM 256QAM	2612.5	522500	15	18	9	20.41	19.01	0.080
DFT-s-OFDM 256QAM	2612.5	522500	15	36	0	20.64	19.24	0.084
CP-OFDM QPSK	2612.5	522500	15	1	0	22.84	21.44	0.139
CP-OFDM QPSK	2612.5	522500	15	1	37	23.23	21.83	0.152
CP-OFDM QPSK	2612.5	522500	15	19	9	23.62	22.22	0.167
CP-OFDM QPSK	2612.5	522500	15	38	0	22.02	20.62	0.115
CP-OFDM 16QAM	2612.5	522500	15	1	0	23.44	22.04	0.160
CP-OFDM 16QAM	2612.5	522500	15	1	37	23.83	22.43	0.175
CP-OFDM 16QAM	2612.5	522500	15	19	9	22.24	20.84	0.121
CP-OFDM 16QAM	2612.5	522500	15	38	0	22.62	21.22	0.132
CP-OFDM 64QAM	2612.5	522500	15	1	0	22.06	20.66	0.116
CP-OFDM 64QAM	2612.5	522500	15	1	37	23.72	22.32	0.171
CP-OFDM 64QAM	2612.5	522500	15	19	9	22.13	20.73	0.118
CP-OFDM 64QAM	2612.5	522500	15	38	0	23.55	22.15	0.164
CP-OFDM 256QAM	2612.5	522500	15	1	0	20.95	19.55	0.090
CP-OFDM 256QAM	2612.5	522500	15	1	37	20.01	18.61	0.073
CP-OFDM 256QAM	2612.5	522500	15	19	9	20.24	18.84	0.077
CP-OFDM 256QAM	2612.5	522500	15	38	0	19.90	18.50	0.071

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	2580	516000	20	25	12	23.79	22.39	0.173
DFT-s-OFDM PI/2 BPSK	2580	516000	20	1	1	23.23	21.83	0.152
DFT-s-OFDM PI/2 BPSK	2580	516000	20	1	49	23.62	22.22	0.167
DFT-s-OFDM QPSK	2580	516000	20	25	12	22.35	20.95	0.124
DFT-s-OFDM QPSK	2580	516000	20	1	1	22.74	21.34	0.136
DFT-s-OFDM QPSK	2580	516000	20	1	49	23.12	21.72	0.149

DFT-s-OFDM QPSK	2580	516000	20	25	12	23.84	22.44	0.175
DFT-s-OFDM QPSK	2580	516000	20	50	0	22.24	20.84	0.121
DFT-s-OFDM 16QAM	2580	516000	20	1	0	22.63	21.23	0.133
DFT-s-OFDM 16QAM	2580	516000	20	1	50	23.34	21.94	0.156
DFT-s-OFDM 16QAM	2580	516000	20	25	12	23.72	22.32	0.171
DFT-s-OFDM 16QAM	2580	516000	20	50	0	22.46	21.06	0.128
DFT-s-OFDM 64QAM	2580	516000	20	1	0	22.84	21.44	0.139
DFT-s-OFDM 64QAM	2580	516000	20	1	50	23.23	21.83	0.152
DFT-s-OFDM 64QAM	2580	516000	20	25	12	23.61	22.21	0.166
DFT-s-OFDM 64QAM	2580	516000	20	50	0	23.06	21.66	0.147
DFT-s-OFDM 256QAM	2580	516000	20	1	0	20.24	18.84	0.077
DFT-s-OFDM 256QAM	2580	516000	20	1	50	19.90	18.50	0.071
DFT-s-OFDM 256QAM	2580	516000	20	25	12	20.14	18.74	0.075
DFT-s-OFDM 256QAM	2580	516000	20	50	0	19.94	18.54	0.071
CP-OFDM QPSK	2580	516000	20	1	0	23.33	21.93	0.156
CP-OFDM QPSK	2580	516000	20	1	50	22.06	20.66	0.116
CP-OFDM QPSK	2580	516000	20	25	12	22.45	21.05	0.127
CP-OFDM QPSK	2580	516000	20	51	0	22.84	21.44	0.139
CP-OFDM 16QAM	2580	516000	20	1	0	23.55	22.15	0.164
CP-OFDM 16QAM	2580	516000	20	1	50	23.93	22.53	0.179
CP-OFDM 16QAM	2580	516000	20	25	12	23.37	21.97	0.157
CP-OFDM 16QAM	2580	516000	20	51	0	23.05	21.65	0.146
CP-OFDM 64QAM	2580	516000	20	1	0	23.44	22.04	0.160
CP-OFDM 64QAM	2580	516000	20	1	50	22.88	21.48	0.141
CP-OFDM 64QAM	2580	516000	20	25	12	23.26	21.86	0.153
CP-OFDM 64QAM	2580	516000	20	51	0	23.65	22.25	0.168
CP-OFDM 256QAM	2580	516000	20	1	0	20.03	18.63	0.073
CP-OFDM 256QAM	2580	516000	20	1	50	20.26	18.86	0.077
CP-OFDM 256QAM	2580	516000	20	25	12	20.49	19.09	0.081
CP-OFDM 256QAM	2580	516000	20	51	0	20.91	19.51	0.089
DFT-s-OFDM PI/2 BPSK	2595	519000	20	25	12	22.40	21.00	0.126
DFT-s-OFDM PI/2 BPSK	2595	519000	20	1	1	22.79	21.39	0.138
DFT-s-OFDM PI/2 BPSK	2595	519000	20	1	49	23.50	22.10	0.162
DFT-s-OFDM QPSK	2595	519000	20	25	12	23.88	22.48	0.177
DFT-s-OFDM QPSK	2595	519000	20	1	1	22.29	20.89	0.123
DFT-s-OFDM QPSK	2595	519000	20	1	49	22.68	21.28	0.134
DFT-s-OFDM QPSK	2595	519000	20	25	12	22.12	20.72	0.118
DFT-s-OFDM QPSK	2595	519000	20	50	0	22.51	21.11	0.129
DFT-s-OFDM 16QAM	2595	519000	20	1	0	22.18	20.78	0.120
DFT-s-OFDM 16QAM	2595	519000	20	1	50	23.60	22.20	0.166
DFT-s-OFDM 16QAM	2595	519000	20	25	12	22.01	20.61	0.115
DFT-s-OFDM 16QAM	2595	519000	20	50	0	22.39	20.99	0.126
DFT-s-OFDM 64QAM	2595	519000	20	1	0	23.11	21.71	0.148
DFT-s-OFDM 64QAM	2595	519000	20	1	50	23.49	22.09	0.162
DFT-s-OFDM 64QAM	2595	519000	20	25	12	23.88	22.48	0.177
DFT-s-OFDM 64QAM	2595	519000	20	50	0	23.32	21.92	0.156

DFT-s-OFDM 256QAM	2595	519000	20	1	0	20.82	19.42	0.087
DFT-s-OFDM 256QAM	2595	519000	20	1	50	19.87	18.47	0.070
DFT-s-OFDM 256QAM	2595	519000	20	25	12	20.10	18.70	0.074
DFT-s-OFDM 256QAM	2595	519000	20	50	0	20.95	19.55	0.090
CP-OFDM QPSK	2595	519000	20	1	0	23.60	22.20	0.166
CP-OFDM QPSK	2595	519000	20	1	50	23.98	22.58	0.181
CP-OFDM QPSK	2595	519000	20	25	12	23.42	22.02	0.159
CP-OFDM QPSK	2595	519000	20	51	0	23.81	22.41	0.174
CP-OFDM 16QAM	2595	519000	20	1	0	22.22	20.82	0.121
CP-OFDM 16QAM	2595	519000	20	1	50	22.60	21.20	0.132
CP-OFDM 16QAM	2595	519000	20	25	12	22.04	20.64	0.116
CP-OFDM 16QAM	2595	519000	20	51	0	22.43	21.03	0.127
CP-OFDM 64QAM	2595	519000	20	1	0	22.82	21.42	0.139
CP-OFDM 64QAM	2595	519000	20	1	50	23.20	21.80	0.151
CP-OFDM 64QAM	2595	519000	20	25	12	22.64	21.24	0.133
CP-OFDM 64QAM	2595	519000	20	51	0	22.32	20.92	0.124
CP-OFDM 256QAM	2595	519000	20	1	0	20.84	19.44	0.088
CP-OFDM 256QAM	2595	519000	20	1	50	19.89	18.49	0.071
CP-OFDM 256QAM	2595	519000	20	25	12	20.12	18.72	0.074
CP-OFDM 256QAM	2595	519000	20	51	0	20.35	18.95	0.079
DFT-s-OFDM PI/2 BPSK	2610	522000	20	25	12	23.33	21.93	0.156
DFT-s-OFDM PI/2 BPSK	2610	522000	20	1	1	22.77	21.37	0.137
DFT-s-OFDM PI/2 BPSK	2610	522000	20	1	49	23.16	21.76	0.150
DFT-s-OFDM QPSK	2610	522000	20	25	12	23.54	22.14	0.164
DFT-s-OFDM QPSK	2610	522000	20	1	1	23.93	22.53	0.179
DFT-s-OFDM QPSK	2610	522000	20	1	49	23.37	21.97	0.157
DFT-s-OFDM QPSK	2610	522000	20	25	12	23.76	22.36	0.172
DFT-s-OFDM QPSK	2610	522000	20	50	0	22.16	20.76	0.119
DFT-s-OFDM 16QAM	2610	522000	20	1	0	22.55	21.15	0.130
DFT-s-OFDM 16QAM	2610	522000	20	1	50	23.97	22.57	0.181
DFT-s-OFDM 16QAM	2610	522000	20	25	12	22.38	20.98	0.125
DFT-s-OFDM 16QAM	2610	522000	20	50	0	22.76	21.36	0.137
DFT-s-OFDM 64QAM	2610	522000	20	1	0	23.15	21.75	0.150
DFT-s-OFDM 64QAM	2610	522000	20	1	50	22.59	21.19	0.132
DFT-s-OFDM 64QAM	2610	522000	20	25	12	22.98	21.58	0.144
DFT-s-OFDM 64QAM	2610	522000	20	50	0	23.36	21.96	0.157
DFT-s-OFDM 256QAM	2610	522000	20	1	0	20.84	19.44	0.088
DFT-s-OFDM 256QAM	2610	522000	20	1	50	20.51	19.11	0.081
DFT-s-OFDM 256QAM	2610	522000	20	25	12	20.74	19.34	0.086
DFT-s-OFDM 256QAM	2610	522000	20	50	0	20.97	19.57	0.091
CP-OFDM QPSK	2610	522000	20	1	0	22.37	20.97	0.125
CP-OFDM QPSK	2610	522000	20	1	50	23.79	22.39	0.173
CP-OFDM QPSK	2610	522000	20	25	12	22.20	20.80	0.120
CP-OFDM QPSK	2610	522000	20	51	0	22.58	21.18	0.131
CP-OFDM 16QAM	2610	522000	20	1	0	22.97	21.57	0.144
CP-OFDM 16QAM	2610	522000	20	1	50	22.41	21.01	0.126

CP-OFDM 16QAM	2610	522000	20	25	12	22.80	21.40	0.138
CP-OFDM 16QAM	2610	522000	20	51	0	23.18	21.78	0.151
CP-OFDM 64QAM	2610	522000	20	1	0	23.57	22.17	0.165
CP-OFDM 64QAM	2610	522000	20	1	50	23.01	21.61	0.145
CP-OFDM 64QAM	2610	522000	20	25	12	23.40	22.00	0.158
CP-OFDM 64QAM	2610	522000	20	51	0	23.78	22.38	0.173
CP-OFDM 256QAM	2610	522000	20	1	0	19.92	18.52	0.071
CP-OFDM 256QAM	2610	522000	20	1	50	20.76	19.36	0.086
CP-OFDM 256QAM	2610	522000	20	25	12	19.81	18.41	0.069
CP-OFDM 256QAM	2610	522000	20	51	0	20.47	19.07	0.081