

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

N41 SA (For2496~2690)

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	2506.02	501204	20	50	25	22.59
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	1	22.98
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	104	23.37
DFT-s-OFDM QPSK	2506.02	501204	20	50	25	22.81
DFT-s-OFDM QPSK	2506.02	501204	20	1	1	23.19
DFT-s-OFDM QPSK	2506.02	501204	20	1	104	23.58
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	50	25	23.75
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	1	22.86
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	104	23.96
DFT-s-OFDM QPSK	2592.99	518598	20	50	25	22.75
DFT-s-OFDM QPSK	2592.99	518598	20	1	1	23.85
DFT-s-OFDM QPSK	2592.99	518598	20	1	104	22.26
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	50	25	23.31
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	1	22.75
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	104	23.85
DFT-s-OFDM QPSK	2679.99	535998	20	50	25	23.91
DFT-s-OFDM QPSK	2679.99	535998	20	1	1	23.03
DFT-s-OFDM QPSK	2679.99	535998	20	1	104	22.47
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	23.97
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	22.70
DFT-s-OFDM 16QAM	2506.02	501204	20	1	0	23.08
DFT-s-OFDM 16QAM	2506.02	501204	20	1	50	22.53
DFT-s-OFDM 16QAM	2506.02	501204	20	25	12	22.91
DFT-s-OFDM 16QAM	2506.02	501204	20	50	0	23.30
DFT-s-OFDM 64QAM	2506.02	501204	20	1	0	23.68
DFT-s-OFDM 64QAM	2506.02	501204	20	1	50	23.13
DFT-s-OFDM 64QAM	2506.02	501204	20	25	12	23.51
DFT-s-OFDM 64QAM	2506.02	501204	20	50	0	23.90
DFT-s-OFDM 256QAM	2506.02	501204	20	1	0	19.98
DFT-s-OFDM 256QAM	2506.02	501204	20	1	50	20.83
DFT-s-OFDM 256QAM	2506.02	501204	20	25	12	19.88
DFT-s-OFDM 256QAM	2506.02	501204	20	50	0	20.11
CP-OFDM QPSK	2506.02	501204	20	1	0	22.91
CP-OFDM QPSK	2506.02	501204	20	1	50	22.35
CP-OFDM QPSK	2506.02	501204	20	25	12	22.73
CP-OFDM QPSK	2506.02	501204	20	51	0	23.12
CP-OFDM 16QAM	2506.02	501204	20	1	0	23.51
CP-OFDM 16QAM	2506.02	501204	20	1	50	22.24
CP-OFDM 16QAM	2506.02	501204	20	25	12	22.62
CP-OFDM 16QAM	2506.02	501204	20	51	0	23.01
CP-OFDM 64QAM	2506.02	501204	20	1	0	22.45
CP-OFDM 64QAM	2506.02	501204	20	1	50	22.84

CP-OFDM 64QAM	2506.02	501204	20	25	12	23.93
CP-OFDM 64QAM	2506.02	501204	20	51	0	23.61
CP-OFDM 256QAM	2506.02	501204	20	1	0	20.43
CP-OFDM 256QAM	2506.02	501204	20	1	50	20.66
CP-OFDM 256QAM	2506.02	501204	20	25	12	20.89
CP-OFDM 256QAM	2506.02	501204	20	51	0	19.94
DFT-s-OFDM QPSK	2592.99	518598	20	25	12	23.68
DFT-s-OFDM QPSK	2592.99	518598	20	50	0	22.79
DFT-s-OFDM 16QAM	2592.99	518598	20	1	0	23.18
DFT-s-OFDM 16QAM	2592.99	518598	20	1	50	23.95
DFT-s-OFDM 16QAM	2592.99	518598	20	25	12	23.39
DFT-s-OFDM 16QAM	2592.99	518598	20	50	0	23.46
DFT-s-OFDM 64QAM	2592.99	518598	20	1	0	22.90
DFT-s-OFDM 64QAM	2592.99	518598	20	1	50	23.28
DFT-s-OFDM 64QAM	2592.99	518598	20	25	12	22.40
DFT-s-OFDM 64QAM	2592.99	518598	20	50	0	22.79
DFT-s-OFDM 256QAM	2592.99	518598	20	1	0	20.92
DFT-s-OFDM 256QAM	2592.99	518598	20	1	50	20.40
DFT-s-OFDM 256QAM	2592.99	518598	20	25	12	20.63
DFT-s-OFDM 256QAM	2592.99	518598	20	50	0	20.86
CP-OFDM QPSK	2592.99	518598	20	1	0	23.21
CP-OFDM QPSK	2592.99	518598	20	1	50	23.28
CP-OFDM QPSK	2592.99	518598	20	25	12	22.72
CP-OFDM QPSK	2592.99	518598	20	51	0	23.81
CP-OFDM 16QAM	2592.99	518598	20	1	0	23.88
CP-OFDM 16QAM	2592.99	518598	20	1	50	23.32
CP-OFDM 16QAM	2592.99	518598	20	25	12	22.44
CP-OFDM 16QAM	2592.99	518598	20	51	0	22.82
CP-OFDM 64QAM	2592.99	518598	20	1	0	23.21
CP-OFDM 64QAM	2592.99	518598	20	1	50	22.32
CP-OFDM 64QAM	2592.99	518598	20	25	12	22.71
CP-OFDM 64QAM	2592.99	518598	20	51	0	23.10
CP-OFDM 256QAM	2592.99	518598	20	1	0	19.93
CP-OFDM 256QAM	2592.99	518598	20	1	50	20.78
CP-OFDM 256QAM	2592.99	518598	20	25	12	19.83
CP-OFDM 256QAM	2592.99	518598	20	51	0	20.48
DFT-s-OFDM QPSK	2679.99	535998	20	25	12	23.24
DFT-s-OFDM QPSK	2679.99	535998	20	50	0	22.36
DFT-s-OFDM 16QAM	2679.99	535998	20	1	0	23.46
DFT-s-OFDM 16QAM	2679.99	535998	20	1	50	22.57
DFT-s-OFDM 16QAM	2679.99	535998	20	25	12	23.67
DFT-s-OFDM 16QAM	2679.99	535998	20	50	0	23.73
DFT-s-OFDM 64QAM	2679.99	535998	20	1	0	22.85
DFT-s-OFDM 64QAM	2679.99	535998	20	1	50	22.68
DFT-s-OFDM 64QAM	2679.99	535998	20	25	12	23.06
DFT-s-OFDM 64QAM	2679.99	535998	20	50	0	22.89

DFT-s-OFDM 256QAM	2679.99	535998	20	1	0	20.56
DFT-s-OFDM 256QAM	2679.99	535998	20	1	50	20.04
DFT-s-OFDM 256QAM	2679.99	535998	20	25	12	20.69
DFT-s-OFDM 256QAM	2679.99	535998	20	50	0	20.73
CP-OFDM QPSK	2679.99	535998	20	1	0	22.67
CP-OFDM QPSK	2679.99	535998	20	1	50	23.77
CP-OFDM QPSK	2679.99	535998	20	25	12	22.17
CP-OFDM QPSK	2679.99	535998	20	51	0	23.27
CP-OFDM 16QAM	2679.99	535998	20	1	0	22.39
CP-OFDM 16QAM	2679.99	535998	20	1	50	23.48
CP-OFDM 16QAM	2679.99	535998	20	25	12	22.60
CP-OFDM 16QAM	2679.99	535998	20	51	0	22.99
CP-OFDM 64QAM	2679.99	535998	20	1	0	22.11
CP-OFDM 64QAM	2679.99	535998	20	1	50	23.20
CP-OFDM 64QAM	2679.99	535998	20	25	12	23.98
CP-OFDM 64QAM	2679.99	535998	20	51	0	23.09
CP-OFDM 256QAM	2679.99	535998	20	1	0	19.93
CP-OFDM 256QAM	2679.99	535998	20	1	50	20.58
CP-OFDM 256QAM	2679.99	535998	20	25	12	20.05
CP-OFDM 256QAM	2679.99	535998	20	51	0	20.71

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2511	502200	30	36	18	22.06
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	1	22.44
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	76	22.83
DFT-s-OFDM QPSK	2511	502200	30	36	18	22.27
DFT-s-OFDM QPSK	2511	502200	30	1	1	22.66
DFT-s-OFDM QPSK	2511	502200	30	1	76	23.04
DFT-s-OFDM QPSK	2511	502200	30	36	18	23.43
DFT-s-OFDM QPSK	2511	502200	30	75	0	22.87
DFT-s-OFDM 16QAM	2511	502200	30	1	0	23.26
DFT-s-OFDM 16QAM	2511	502200	30	1	77	23.64
DFT-s-OFDM 16QAM	2511	502200	30	36	18	22.05
DFT-s-OFDM 16QAM	2511	502200	30	75	0	23.47
DFT-s-OFDM 64QAM	2511	502200	30	1	0	23.86
DFT-s-OFDM 64QAM	2511	502200	30	1	77	22.26
DFT-s-OFDM 64QAM	2511	502200	30	36	18	22.65
DFT-s-OFDM 64QAM	2511	502200	30	75	0	22.09
DFT-s-OFDM 256QAM	2511	502200	30	1	0	20.09
DFT-s-OFDM 256QAM	2511	502200	30	1	77	20.32
DFT-s-OFDM 256QAM	2511	502200	30	36	18	20.55
DFT-s-OFDM 256QAM	2511	502200	30	75	0	20.21
CP-OFDM QPSK	2511	502200	30	1	0	23.08
CP-OFDM QPSK	2511	502200	30	1	77	23.46
CP-OFDM QPSK	2511	502200	30	39	19	22.20

CP-OFDM QPSK	2511	502200	30	78	0	22.58
CP-OFDM 16QAM	2511	502200	30	1	0	22.97
CP-OFDM 16QAM	2511	502200	30	1	77	22.41
CP-OFDM 16QAM	2511	502200	30	39	19	22.47
CP-OFDM 16QAM	2511	502200	30	78	0	23.89
CP-OFDM 64QAM	2511	502200	30	1	0	22.30
CP-OFDM 64QAM	2511	502200	30	1	77	22.69
CP-OFDM 64QAM	2511	502200	30	39	19	23.07
CP-OFDM 64QAM	2511	502200	30	78	0	22.51
CP-OFDM 256QAM	2511	502200	30	1	0	20.34
CP-OFDM 256QAM	2511	502200	30	1	77	20.57
CP-OFDM 256QAM	2511	502200	30	39	19	20.80
CP-OFDM 256QAM	2511	502200	30	78	0	20.04
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	36	18	22.64
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	1	23.03
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	76	22.15
DFT-s-OFDM QPSK	2592.99	518598	30	36	18	22.53
DFT-s-OFDM QPSK	2592.99	518598	30	1	1	23.63
DFT-s-OFDM QPSK	2592.99	518598	30	1	76	22.04
DFT-s-OFDM QPSK	2592.99	518598	30	36	18	23.46
DFT-s-OFDM QPSK	2592.99	518598	30	75	0	23.52
DFT-s-OFDM 16QAM	2592.99	518598	30	1	0	22.96
DFT-s-OFDM 16QAM	2592.99	518598	30	1	77	22.08
DFT-s-OFDM 16QAM	2592.99	518598	30	36	18	22.46
DFT-s-OFDM 16QAM	2592.99	518598	30	75	0	22.85
DFT-s-OFDM 64QAM	2592.99	518598	30	1	0	23.95
DFT-s-OFDM 64QAM	2592.99	518598	30	1	77	23.06
DFT-s-OFDM 64QAM	2592.99	518598	30	36	18	22.18
DFT-s-OFDM 64QAM	2592.99	518598	30	75	0	23.28
DFT-s-OFDM 256QAM	2592.99	518598	30	1	0	20.79
DFT-s-OFDM 256QAM	2592.99	518598	30	1	77	20.27
DFT-s-OFDM 256QAM	2592.99	518598	30	36	18	20.50
DFT-s-OFDM 256QAM	2592.99	518598	30	75	0	19.97
CP-OFDM QPSK	2592.99	518598	30	1	0	22.67
CP-OFDM QPSK	2592.99	518598	30	1	77	23.06
CP-OFDM QPSK	2592.99	518598	30	39	19	22.17
CP-OFDM QPSK	2592.99	518598	30	78	0	22.56
CP-OFDM 16QAM	2592.99	518598	30	1	0	23.66
CP-OFDM 16QAM	2592.99	518598	30	1	77	22.77
CP-OFDM 16QAM	2592.99	518598	30	39	19	23.16
CP-OFDM 16QAM	2592.99	518598	30	78	0	22.60
CP-OFDM 64QAM	2592.99	518598	30	1	0	23.70
CP-OFDM 64QAM	2592.99	518598	30	1	77	23.76
CP-OFDM 64QAM	2592.99	518598	30	39	19	22.88
CP-OFDM 64QAM	2592.99	518598	30	78	0	22.32
CP-OFDM 256QAM	2592.99	518598	30	1	0	20.03

CP-OFDM 256QAM	2592.99	518598	30	1	77	20.88
CP-OFDM 256QAM	2592.99	518598	30	39	19	20.35
CP-OFDM 256QAM	2592.99	518598	30	78	0	20.58
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	36	18	23.41
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	1	22.53
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	76	22.35
DFT-s-OFDM QPSK	2674.98	534996	30	36	18	22.42
DFT-s-OFDM QPSK	2674.98	534996	30	1	1	23.51
DFT-s-OFDM QPSK	2674.98	534996	30	1	76	22.95
DFT-s-OFDM QPSK	2674.98	534996	30	36	18	23.02
DFT-s-OFDM QPSK	2674.98	534996	30	75	0	22.13
DFT-s-OFDM 16QAM	2674.98	534996	30	1	0	23.23
DFT-s-OFDM 16QAM	2674.98	534996	30	1	77	22.35
DFT-s-OFDM 16QAM	2674.98	534996	30	36	18	22.17
DFT-s-OFDM 16QAM	2674.98	534996	30	75	0	22.24
DFT-s-OFDM 64QAM	2674.98	534996	30	1	0	23.33
DFT-s-OFDM 64QAM	2674.98	534996	30	1	77	22.45
DFT-s-OFDM 64QAM	2674.98	534996	30	36	18	23.55
DFT-s-OFDM 64QAM	2674.98	534996	30	75	0	23.37
DFT-s-OFDM 256QAM	2674.98	534996	30	1	0	20.85
DFT-s-OFDM 256QAM	2674.98	534996	30	1	77	20.33
DFT-s-OFDM 256QAM	2674.98	534996	30	36	18	20.98
DFT-s-OFDM 256QAM	2674.98	534996	30	75	0	19.84
CP-OFDM QPSK	2674.98	534996	30	1	0	23.15
CP-OFDM QPSK	2674.98	534996	30	1	77	22.27
CP-OFDM QPSK	2674.98	534996	30	39	19	23.37
CP-OFDM QPSK	2674.98	534996	30	78	0	22.49
CP-OFDM 16QAM	2674.98	534996	30	1	0	23.58
CP-OFDM 16QAM	2674.98	534996	30	1	77	22.70
CP-OFDM 16QAM	2674.98	534996	30	39	19	23.80
CP-OFDM 16QAM	2674.98	534996	30	78	0	23.86
CP-OFDM 64QAM	2674.98	534996	30	1	0	22.98
CP-OFDM 64QAM	2674.98	534996	30	1	77	22.42
CP-OFDM 64QAM	2674.98	534996	30	39	19	22.48
CP-OFDM 64QAM	2674.98	534996	30	78	0	23.58
CP-OFDM 256QAM	2674.98	534996	30	1	0	20.21
CP-OFDM 256QAM	2674.98	534996	30	1	77	20.11
CP-OFDM 256QAM	2674.98	534996	30	39	19	20.77
CP-OFDM 256QAM	2674.98	534996	30	78	0	20.05

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	23.89
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	1	22.29
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	104	23.71
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	22.12

DFT-s-OFDM QPSK	2516.01	503202	40	1	1	22.51
DFT-s-OFDM QPSK	2516.01	503202	40	1	104	22.89
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	22.33
DFT-s-OFDM QPSK	2516.01	503202	40	100	0	22.72
DFT-s-OFDM 16QAM	2516.01	503202	40	1	0	23.11
DFT-s-OFDM 16QAM	2516.01	503202	40	1	105	23.49
DFT-s-OFDM 16QAM	2516.01	503202	40	50	25	22.93
DFT-s-OFDM 16QAM	2516.01	503202	40	100	0	23.32
DFT-s-OFDM 64QAM	2516.01	503202	40	1	0	23.71
DFT-s-OFDM 64QAM	2516.01	503202	40	1	105	22.11
DFT-s-OFDM 64QAM	2516.01	503202	40	50	25	23.53
DFT-s-OFDM 64QAM	2516.01	503202	40	100	0	23.92
DFT-s-OFDM 256QAM	2516.01	503202	40	1	0	20.00
DFT-s-OFDM 256QAM	2516.01	503202	40	1	105	20.23
DFT-s-OFDM 256QAM	2516.01	503202	40	50	25	19.89
DFT-s-OFDM 256QAM	2516.01	503202	40	100	0	20.12
CP-OFDM QPSK	2516.01	503202	40	1	0	22.93
CP-OFDM QPSK	2516.01	503202	40	1	105	23.31
CP-OFDM QPSK	2516.01	503202	40	53	26	22.75
CP-OFDM QPSK	2516.01	503202	40	106	0	23.85
CP-OFDM 16QAM	2516.01	503202	40	1	0	22.26
CP-OFDM 16QAM	2516.01	503202	40	1	105	22.64
CP-OFDM 16QAM	2516.01	503202	40	53	26	23.03
CP-OFDM 16QAM	2516.01	503202	40	106	0	22.47
CP-OFDM 64QAM	2516.01	503202	40	1	0	22.53
CP-OFDM 64QAM	2516.01	503202	40	1	105	23.95
CP-OFDM 64QAM	2516.01	503202	40	53	26	22.36
CP-OFDM 64QAM	2516.01	503202	40	106	0	22.75
CP-OFDM 256QAM	2516.01	503202	40	1	0	20.48
CP-OFDM 256QAM	2516.01	503202	40	1	105	20.14
CP-OFDM 256QAM	2516.01	503202	40	53	26	20.38
CP-OFDM 256QAM	2516.01	503202	40	106	0	20.61
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	50	25	23.52
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	1	23.91
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	104	23.02
DFT-s-OFDM QPSK	2592.99	518598	40	50	25	22.14
DFT-s-OFDM QPSK	2592.99	518598	40	1	1	22.53
DFT-s-OFDM QPSK	2592.99	518598	40	1	104	23.62
DFT-s-OFDM QPSK	2592.99	518598	40	50	25	22.03
DFT-s-OFDM QPSK	2592.99	518598	40	100	0	22.42
DFT-s-OFDM 16QAM	2592.99	518598	40	1	0	23.51
DFT-s-OFDM 16QAM	2592.99	518598	40	1	105	23.90
DFT-s-OFDM 16QAM	2592.99	518598	40	50	25	23.02
DFT-s-OFDM 16QAM	2592.99	518598	40	100	0	23.40
DFT-s-OFDM 64QAM	2592.99	518598	40	1	0	22.52
DFT-s-OFDM 64QAM	2592.99	518598	40	1	105	23.94

DFT-s-OFDM 64QAM	2592.99	518598	40	50	25	22.02
DFT-s-OFDM 64QAM	2592.99	518598	40	100	0	23.12
DFT-s-OFDM 256QAM	2592.99	518598	40	1	0	20.14
DFT-s-OFDM 256QAM	2592.99	518598	40	1	105	20.17
DFT-s-OFDM 256QAM	2592.99	518598	40	50	25	19.84
DFT-s-OFDM 256QAM	2592.99	518598	40	100	0	20.49
CP-OFDM QPSK	2592.99	518598	40	1	0	23.55
CP-OFDM QPSK	2592.99	518598	40	1	105	23.93
CP-OFDM QPSK	2592.99	518598	40	53	26	23.05
CP-OFDM QPSK	2592.99	518598	40	106	0	23.44
CP-OFDM 16QAM	2592.99	518598	40	1	0	22.55
CP-OFDM 16QAM	2592.99	518598	40	1	105	23.65
CP-OFDM 16QAM	2592.99	518598	40	53	26	22.77
CP-OFDM 16QAM	2592.99	518598	40	106	0	23.15
CP-OFDM 64QAM	2592.99	518598	40	1	0	22.27
CP-OFDM 64QAM	2592.99	518598	40	1	105	22.66
CP-OFDM 64QAM	2592.99	518598	40	53	26	23.75
CP-OFDM 64QAM	2592.99	518598	40	106	0	22.16
CP-OFDM 256QAM	2592.99	518598	40	1	0	20.55
CP-OFDM 256QAM	2592.99	518598	40	1	105	20.78
CP-OFDM 256QAM	2592.99	518598	40	53	26	20.68
CP-OFDM 256QAM	2592.99	518598	40	106	0	19.96
DFT-s-OFDM PI/2 BPSK	2670	534000	40	50	25	22.62
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	1	23.72
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	104	22.51
DFT-s-OFDM QPSK	2670	534000	40	50	25	23.61
DFT-s-OFDM QPSK	2670	534000	40	1	1	22.73
DFT-s-OFDM QPSK	2670	534000	40	1	104	23.50
DFT-s-OFDM QPSK	2670	534000	40	50	25	22.62
DFT-s-OFDM QPSK	2670	534000	40	100	0	23.71
DFT-s-OFDM 16QAM	2670	534000	40	1	0	23.54
DFT-s-OFDM 16QAM	2670	534000	40	1	105	22.66
DFT-s-OFDM 16QAM	2670	534000	40	50	25	22.72
DFT-s-OFDM 16QAM	2670	534000	40	100	0	23.82
DFT-s-OFDM 64QAM	2670	534000	40	1	0	22.93
DFT-s-OFDM 64QAM	2670	534000	40	1	105	22.05
DFT-s-OFDM 64QAM	2670	534000	40	50	25	23.15
DFT-s-OFDM 64QAM	2670	534000	40	100	0	22.27
DFT-s-OFDM 256QAM	2670	534000	40	1	0	20.61
DFT-s-OFDM 256QAM	2670	534000	40	1	105	20.84
DFT-s-OFDM 256QAM	2670	534000	40	50	25	20.12
DFT-s-OFDM 256QAM	2670	534000	40	100	0	20.78
CP-OFDM QPSK	2670	534000	40	1	0	22.76
CP-OFDM QPSK	2670	534000	40	1	105	23.85
CP-OFDM QPSK	2670	534000	40	53	26	23.68
CP-OFDM QPSK	2670	534000	40	106	0	23.74

CP-OFDM 16QAM	2670	534000	40	1	0	22.86
CP-OFDM 16QAM	2670	534000	40	1	105	23.96
CP-OFDM 16QAM	2670	534000	40	53	26	23.07
CP-OFDM 16QAM	2670	534000	40	106	0	22.19
CP-OFDM 64QAM	2670	534000	40	1	0	23.29
CP-OFDM 64QAM	2670	534000	40	1	105	22.40
CP-OFDM 64QAM	2670	534000	40	53	26	23.50
CP-OFDM 64QAM	2670	534000	40	106	0	23.56
CP-OFDM 256QAM	2670	534000	40	1	0	20.21
CP-OFDM 256QAM	2670	534000	40	1	105	20.86
CP-OFDM 256QAM	2670	534000	40	53	26	20.33
CP-OFDM 256QAM	2670	534000	40	106	0	19.81

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	64	32	22.85
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	1	22.29
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	131	22.68
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	23.07
DFT-s-OFDM QPSK	2521.02	504204	50	1	1	23.45
DFT-s-OFDM QPSK	2521.02	504204	50	1	131	22.89
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	23.28
DFT-s-OFDM QPSK	2521.02	504204	50	128	0	22.40
DFT-s-OFDM 16QAM	2521.02	504204	50	1	0	22.78
DFT-s-OFDM 16QAM	2521.02	504204	50	1	132	23.17
DFT-s-OFDM 16QAM	2521.02	504204	50	64	32	23.56
DFT-s-OFDM 16QAM	2521.02	504204	50	128	0	23.00
DFT-s-OFDM 64QAM	2521.02	504204	50	1	0	23.38
DFT-s-OFDM 64QAM	2521.02	504204	50	1	132	23.77
DFT-s-OFDM 64QAM	2521.02	504204	50	64	32	22.18
DFT-s-OFDM 64QAM	2521.02	504204	50	128	0	23.60
DFT-s-OFDM 256QAM	2521.02	504204	50	1	0	20.98
DFT-s-OFDM 256QAM	2521.02	504204	50	1	132	20.46
DFT-s-OFDM 256QAM	2521.02	504204	50	64	32	20.69
DFT-s-OFDM 256QAM	2521.02	504204	50	128	0	20.92
CP-OFDM QPSK	2521.02	504204	50	1	0	23.31
CP-OFDM QPSK	2521.02	504204	50	1	132	23.70
CP-OFDM QPSK	2521.02	504204	50	67	33	22.11
CP-OFDM QPSK	2521.02	504204	50	133	0	23.20
CP-OFDM 16QAM	2521.02	504204	50	1	0	23.59
CP-OFDM 16QAM	2521.02	504204	50	1	132	23.98
CP-OFDM 16QAM	2521.02	504204	50	67	33	23.42
CP-OFDM 16QAM	2521.02	504204	50	133	0	23.80
CP-OFDM 64QAM	2521.02	504204	50	1	0	22.21
CP-OFDM 64QAM	2521.02	504204	50	1	132	22.60
CP-OFDM 64QAM	2521.02	504204	50	67	33	23.69

CP-OFDM 64QAM	2521.02	504204	50	133	0	23.13
CP-OFDM 256QAM	2521.02	504204	50	1	0	20.71
CP-OFDM 256QAM	2521.02	504204	50	1	132	20.94
CP-OFDM 256QAM	2521.02	504204	50	67	33	20.41
CP-OFDM 256QAM	2521.02	504204	50	133	0	19.89
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	64	32	23.19
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	1	22.31
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	131	23.40
DFT-s-OFDM QPSK	2592.99	518598	50	64	32	23.79
DFT-s-OFDM QPSK	2592.99	518598	50	1	1	22.91
DFT-s-OFDM QPSK	2592.99	518598	50	1	131	22.02
DFT-s-OFDM QPSK	2592.99	518598	50	64	32	22.41
DFT-s-OFDM QPSK	2592.99	518598	50	128	0	23.51
DFT-s-OFDM 16QAM	2592.99	518598	50	1	0	23.89
DFT-s-OFDM 16QAM	2592.99	518598	50	1	132	23.01
DFT-s-OFDM 16QAM	2592.99	518598	50	64	32	22.13
DFT-s-OFDM 16QAM	2592.99	518598	50	128	0	22.51
DFT-s-OFDM 64QAM	2592.99	518598	50	1	0	23.61
DFT-s-OFDM 64QAM	2592.99	518598	50	1	132	22.02
DFT-s-OFDM 64QAM	2592.99	518598	50	64	32	23.11
DFT-s-OFDM 64QAM	2592.99	518598	50	128	0	22.23
DFT-s-OFDM 256QAM	2592.99	518598	50	1	0	20.17
DFT-s-OFDM 256QAM	2592.99	518598	50	1	132	20.40
DFT-s-OFDM 256QAM	2592.99	518598	50	64	32	19.87
DFT-s-OFDM 256QAM	2592.99	518598	50	128	0	20.53
CP-OFDM QPSK	2592.99	518598	50	1	0	23.60
CP-OFDM QPSK	2592.99	518598	50	1	132	22.72
CP-OFDM QPSK	2592.99	518598	50	67	33	23.11
CP-OFDM QPSK	2592.99	518598	50	133	0	22.22
CP-OFDM 16QAM	2592.99	518598	50	1	0	22.05
CP-OFDM 16QAM	2592.99	518598	50	1	132	23.15
CP-OFDM 16QAM	2592.99	518598	50	67	33	22.26
CP-OFDM 16QAM	2592.99	518598	50	133	0	22.33
CP-OFDM 64QAM	2592.99	518598	50	1	0	23.42
CP-OFDM 64QAM	2592.99	518598	50	1	132	22.54
CP-OFDM 64QAM	2592.99	518598	50	67	33	22.93
CP-OFDM 64QAM	2592.99	518598	50	133	0	22.04
CP-OFDM 256QAM	2592.99	518598	50	1	0	20.48
CP-OFDM 256QAM	2592.99	518598	50	1	132	19.96
CP-OFDM 256QAM	2592.99	518598	50	67	33	20.61
CP-OFDM 256QAM	2592.99	518598	50	133	0	20.08
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	64	32	22.22
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	1	23.00
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	131	23.38
DFT-s-OFDM QPSK	2664.99	532998	50	64	32	23.21
DFT-s-OFDM QPSK	2664.99	532998	50	1	1	22.33

DFT-s-OFDM QPSK	2664.99	532998	50	1	131	23.42
DFT-s-OFDM QPSK	2664.99	532998	50	64	32	22.54
DFT-s-OFDM QPSK	2664.99	532998	50	128	0	22.60
DFT-s-OFDM 16QAM	2664.99	532998	50	1	0	23.70
DFT-s-OFDM 16QAM	2664.99	532998	50	1	132	22.82
DFT-s-OFDM 16QAM	2664.99	532998	50	64	32	23.91
DFT-s-OFDM 16QAM	2664.99	532998	50	128	0	23.03
DFT-s-OFDM 64QAM	2664.99	532998	50	1	0	22.15
DFT-s-OFDM 64QAM	2664.99	532998	50	1	132	23.25
DFT-s-OFDM 64QAM	2664.99	532998	50	64	32	22.36
DFT-s-OFDM 64QAM	2664.99	532998	50	128	0	22.42
DFT-s-OFDM 256QAM	2664.99	532998	50	1	0	20.71
DFT-s-OFDM 256QAM	2664.99	532998	50	1	132	20.18
DFT-s-OFDM 256QAM	2664.99	532998	50	64	32	20.84
DFT-s-OFDM 256QAM	2664.99	532998	50	128	0	20.31
CP-OFDM QPSK	2664.99	532998	50	1	0	23.95
CP-OFDM QPSK	2664.99	532998	50	1	132	22.74
CP-OFDM QPSK	2664.99	532998	50	67	33	23.84
CP-OFDM QPSK	2664.99	532998	50	133	0	22.96
CP-OFDM 16QAM	2664.99	532998	50	1	0	22.07
CP-OFDM 16QAM	2664.99	532998	50	1	132	23.17
CP-OFDM 16QAM	2664.99	532998	50	67	33	22.29
CP-OFDM 16QAM	2664.99	532998	50	133	0	23.38
CP-OFDM 64QAM	2664.99	532998	50	1	0	23.45
CP-OFDM 64QAM	2664.99	532998	50	1	132	22.56
CP-OFDM 64QAM	2664.99	532998	50	67	33	23.66
CP-OFDM 64QAM	2664.99	532998	50	133	0	22.78
CP-OFDM 256QAM	2664.99	532998	50	1	0	20.92
CP-OFDM 256QAM	2664.99	532998	50	1	132	20.20
CP-OFDM 256QAM	2664.99	532998	50	67	33	19.87
CP-OFDM 256QAM	2664.99	532998	50	133	0	20.52

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2526	505200	60	81	40	22.91
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	1	22.35
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	160	22.74
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.84
DFT-s-OFDM QPSK	2526	505200	60	1	1	22.24
DFT-s-OFDM QPSK	2526	505200	60	1	160	22.63
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.02
DFT-s-OFDM QPSK	2526	505200	60	162	0	22.46
DFT-s-OFDM 16QAM	2526	505200	60	1	0	22.85
DFT-s-OFDM 16QAM	2526	505200	60	1	161	23.94
DFT-s-OFDM 16QAM	2526	505200	60	81	40	23.62
DFT-s-OFDM 16QAM	2526	505200	60	162	0	22.73

DFT-s-OFDM 64QAM	2526	505200	60	1	0	22.18
DFT-s-OFDM 64QAM	2526	505200	60	1	161	22.56
DFT-s-OFDM 64QAM	2526	505200	60	81	40	22.95
DFT-s-OFDM 64QAM	2526	505200	60	162	0	23.34
DFT-s-OFDM 256QAM	2526	505200	60	1	0	20.07
DFT-s-OFDM 256QAM	2526	505200	60	1	161	20.30
DFT-s-OFDM 256QAM	2526	505200	60	81	40	19.97
DFT-s-OFDM 256QAM	2526	505200	60	162	0	20.62
CP-OFDM QPSK	2526	505200	60	1	0	23.76
CP-OFDM QPSK	2526	505200	60	1	161	22.17
CP-OFDM QPSK	2526	505200	60	81	40	23.27
CP-OFDM QPSK	2526	505200	60	162	0	23.65
CP-OFDM 16QAM	2526	505200	60	1	0	22.06
CP-OFDM 16QAM	2526	505200	60	1	161	23.48
CP-OFDM 16QAM	2526	505200	60	81	40	23.87
CP-OFDM 16QAM	2526	505200	60	162	0	22.27
CP-OFDM 64QAM	2526	505200	60	1	0	23.37
CP-OFDM 64QAM	2526	505200	60	1	161	22.49
CP-OFDM 64QAM	2526	505200	60	81	40	23.26
CP-OFDM 64QAM	2526	505200	60	162	0	22.70
CP-OFDM 256QAM	2526	505200	60	1	0	20.45
CP-OFDM 256QAM	2526	505200	60	1	161	20.68
CP-OFDM 256QAM	2526	505200	60	81	40	20.91
CP-OFDM 256QAM	2526	505200	60	162	0	20.58
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	81	40	23.07
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	1	22.19
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	160	22.58
DFT-s-OFDM QPSK	2592.99	518598	60	81	40	22.96
DFT-s-OFDM QPSK	2592.99	518598	60	1	1	22.08
DFT-s-OFDM QPSK	2592.99	518598	60	1	160	23.18
DFT-s-OFDM QPSK	2592.99	518598	60	81	40	22.29
DFT-s-OFDM QPSK	2592.99	518598	60	162	0	22.68
DFT-s-OFDM 16QAM	2592.99	518598	60	1	0	23.78
DFT-s-OFDM 16QAM	2592.99	518598	60	1	161	22.18
DFT-s-OFDM 16QAM	2592.99	518598	60	81	40	23.28
DFT-s-OFDM 16QAM	2592.99	518598	60	162	0	22.40
DFT-s-OFDM 64QAM	2592.99	518598	60	1	0	22.78
DFT-s-OFDM 64QAM	2592.99	518598	60	1	161	23.88
DFT-s-OFDM 64QAM	2592.99	518598	60	81	40	22.29
DFT-s-OFDM 64QAM	2592.99	518598	60	162	0	23.38
DFT-s-OFDM 256QAM	2592.99	518598	60	1	0	20.86
DFT-s-OFDM 256QAM	2592.99	518598	60	1	161	20.33
DFT-s-OFDM 256QAM	2592.99	518598	60	81	40	20.00
DFT-s-OFDM 256QAM	2592.99	518598	60	162	0	20.03
CP-OFDM QPSK	2592.99	518598	60	1	0	23.81
CP-OFDM QPSK	2592.99	518598	60	1	161	22.93

CP-OFDM QPSK	2592.99	518598	60	81	40	23.31
CP-OFDM QPSK	2592.99	518598	60	162	0	22.43
CP-OFDM 16QAM	2592.99	518598	60	1	0	23.53
CP-OFDM 16QAM	2592.99	518598	60	1	161	23.91
CP-OFDM 16QAM	2592.99	518598	60	81	40	23.03
CP-OFDM 16QAM	2592.99	518598	60	162	0	22.15
CP-OFDM 64QAM	2592.99	518598	60	1	0	22.21
CP-OFDM 64QAM	2592.99	518598	60	1	161	23.63
CP-OFDM 64QAM	2592.99	518598	60	81	40	22.75
CP-OFDM 64QAM	2592.99	518598	60	162	0	23.13
CP-OFDM 256QAM	2592.99	518598	60	1	0	19.95
CP-OFDM 256QAM	2592.99	518598	60	1	161	20.61
CP-OFDM 256QAM	2592.99	518598	60	81	40	20.84
CP-OFDM 256QAM	2592.99	518598	60	162	0	20.31
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	81	40	23.80
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	1	23.87
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	160	23.31
DFT-s-OFDM QPSK	2659.98	531996	60	81	40	22.43
DFT-s-OFDM QPSK	2659.98	531996	60	1	1	23.20
DFT-s-OFDM QPSK	2659.98	531996	60	1	160	22.31
DFT-s-OFDM QPSK	2659.98	531996	60	81	40	23.41
DFT-s-OFDM QPSK	2659.98	531996	60	162	0	22.53
DFT-s-OFDM 16QAM	2659.98	531996	60	1	0	23.63
DFT-s-OFDM 16QAM	2659.98	531996	60	1	161	22.42
DFT-s-OFDM 16QAM	2659.98	531996	60	81	40	23.52
DFT-s-OFDM 16QAM	2659.98	531996	60	162	0	22.63
DFT-s-OFDM 64QAM	2659.98	531996	60	1	0	23.73
DFT-s-OFDM 64QAM	2659.98	531996	60	1	161	22.85
DFT-s-OFDM 64QAM	2659.98	531996	60	81	40	22.91
DFT-s-OFDM 64QAM	2659.98	531996	60	162	0	22.03
DFT-s-OFDM 256QAM	2659.98	531996	60	1	0	20.89
DFT-s-OFDM 256QAM	2659.98	531996	60	1	161	19.94
DFT-s-OFDM 256QAM	2659.98	531996	60	81	40	20.60
DFT-s-OFDM 256QAM	2659.98	531996	60	162	0	19.88
CP-OFDM QPSK	2659.98	531996	60	1	0	23.23
CP-OFDM QPSK	2659.98	531996	60	1	161	22.34
CP-OFDM QPSK	2659.98	531996	60	81	40	23.44
CP-OFDM QPSK	2659.98	531996	60	162	0	22.56
CP-OFDM 16QAM	2659.98	531996	60	1	0	23.65
CP-OFDM 16QAM	2659.98	531996	60	1	161	22.77
CP-OFDM 16QAM	2659.98	531996	60	81	40	23.87
CP-OFDM 16QAM	2659.98	531996	60	162	0	22.66
CP-OFDM 64QAM	2659.98	531996	60	1	0	23.76
CP-OFDM 64QAM	2659.98	531996	60	1	161	22.87
CP-OFDM 64QAM	2659.98	531996	60	81	40	23.97
CP-OFDM 64QAM	2659.98	531996	60	162	0	23.09

CP-OFDM 256QAM	2659.98	531996	60	1	0	20.49
CP-OFDM 256QAM	2659.98	531996	60	1	161	20.38
CP-OFDM 256QAM	2659.98	531996	60	81	40	19.86
CP-OFDM 256QAM	2659.98	531996	60	162	0	20.51

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	108	54	22.80
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	1	23.19
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	215	22.31
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	22.69
DFT-s-OFDM QPSK	2536.02	507204	80	1	1	23.79
DFT-s-OFDM QPSK	2536.02	507204	80	1	215	22.91
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	23.29
DFT-s-OFDM QPSK	2536.02	507204	80	216	0	23.68
DFT-s-OFDM 16QAM	2536.02	507204	80	1	0	23.12
DFT-s-OFDM 16QAM	2536.02	507204	80	1	216	23.51
DFT-s-OFDM 16QAM	2536.02	507204	80	108	54	22.62
DFT-s-OFDM 16QAM	2536.02	507204	80	216	0	23.01
DFT-s-OFDM 64QAM	2536.02	507204	80	1	0	22.13
DFT-s-OFDM 64QAM	2536.02	507204	80	1	216	22.51
DFT-s-OFDM 64QAM	2536.02	507204	80	108	54	22.90
DFT-s-OFDM 64QAM	2536.02	507204	80	216	0	22.34
DFT-s-OFDM 256QAM	2536.02	507204	80	1	0	20.66
DFT-s-OFDM 256QAM	2536.02	507204	80	1	216	20.89
DFT-s-OFDM 256QAM	2536.02	507204	80	108	54	19.94
DFT-s-OFDM 256QAM	2536.02	507204	80	216	0	20.59
CP-OFDM QPSK	2536.02	507204	80	1	0	23.72
CP-OFDM QPSK	2536.02	507204	80	1	216	22.12
CP-OFDM QPSK	2536.02	507204	80	109	54	23.54
CP-OFDM QPSK	2536.02	507204	80	217	0	23.93
CP-OFDM 16QAM	2536.02	507204	80	1	0	22.34
CP-OFDM 16QAM	2536.02	507204	80	1	216	23.43
CP-OFDM 16QAM	2536.02	507204	80	109	54	23.82
CP-OFDM 16QAM	2536.02	507204	80	217	0	23.26
CP-OFDM 64QAM	2536.02	507204	80	1	0	23.65
CP-OFDM 64QAM	2536.02	507204	80	1	216	22.76
CP-OFDM 64QAM	2536.02	507204	80	109	54	23.15
CP-OFDM 64QAM	2536.02	507204	80	217	0	23.54
CP-OFDM 256QAM	2536.02	507204	80	1	0	20.95
CP-OFDM 256QAM	2536.02	507204	80	1	216	20.42
CP-OFDM 256QAM	2536.02	507204	80	109	54	20.09
CP-OFDM 256QAM	2536.02	507204	80	217	0	20.32
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	108	54	22.03
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	1	23.45
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	215	22.57

DFT-s-OFDM QPSK	2592.99	518598	80	108	54	22.96
DFT-s-OFDM QPSK	2592.99	518598	80	1	1	22.07
DFT-s-OFDM QPSK	2592.99	518598	80	1	215	23.17
DFT-s-OFDM QPSK	2592.99	518598	80	108	54	23.56
DFT-s-OFDM QPSK	2592.99	518598	80	216	0	22.67
DFT-s-OFDM 16QAM	2592.99	518598	80	1	0	23.06
DFT-s-OFDM 16QAM	2592.99	518598	80	1	216	22.18
DFT-s-OFDM 16QAM	2592.99	518598	80	108	54	22.56
DFT-s-OFDM 16QAM	2592.99	518598	80	216	0	23.66
DFT-s-OFDM 64QAM	2592.99	518598	80	1	0	22.07
DFT-s-OFDM 64QAM	2592.99	518598	80	1	216	23.16
DFT-s-OFDM 64QAM	2592.99	518598	80	108	54	22.28
DFT-s-OFDM 64QAM	2592.99	518598	80	216	0	22.67
DFT-s-OFDM 256QAM	2592.99	518598	80	1	0	20.85
DFT-s-OFDM 256QAM	2592.99	518598	80	1	216	19.90
DFT-s-OFDM 256QAM	2592.99	518598	80	108	54	20.56
DFT-s-OFDM 256QAM	2592.99	518598	80	216	0	20.79
CP-OFDM QPSK	2592.99	518598	80	1	0	22.77
CP-OFDM QPSK	2592.99	518598	80	1	216	22.21
CP-OFDM QPSK	2592.99	518598	80	109	54	22.27
CP-OFDM QPSK	2592.99	518598	80	217	0	23.37
CP-OFDM 16QAM	2592.99	518598	80	1	0	22.81
CP-OFDM 16QAM	2592.99	518598	80	1	216	22.87
CP-OFDM 16QAM	2592.99	518598	80	109	54	22.31
CP-OFDM 16QAM	2592.99	518598	80	217	0	23.41
CP-OFDM 64QAM	2592.99	518598	80	1	0	23.80
CP-OFDM 64QAM	2592.99	518598	80	1	216	22.91
CP-OFDM 64QAM	2592.99	518598	80	109	54	22.03
CP-OFDM 64QAM	2592.99	518598	80	217	0	22.09
CP-OFDM 256QAM	2592.99	518598	80	1	0	20.70
CP-OFDM 256QAM	2592.99	518598	80	1	216	20.18
CP-OFDM 256QAM	2592.99	518598	80	109	54	20.41
CP-OFDM 256QAM	2592.99	518598	80	217	0	19.88
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	108	54	23.08
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	1	22.20
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	215	23.30
DFT-s-OFDM QPSK	2649.99	529998	80	108	54	22.41
DFT-s-OFDM QPSK	2649.99	529998	80	1	1	23.19
DFT-s-OFDM QPSK	2649.99	529998	80	1	215	22.30
DFT-s-OFDM QPSK	2649.99	529998	80	108	54	23.40
DFT-s-OFDM QPSK	2649.99	529998	80	216	0	22.52
DFT-s-OFDM 16QAM	2649.99	529998	80	1	0	23.61
DFT-s-OFDM 16QAM	2649.99	529998	80	1	216	22.41
DFT-s-OFDM 16QAM	2649.99	529998	80	108	54	23.50
DFT-s-OFDM 16QAM	2649.99	529998	80	216	0	22.62
DFT-s-OFDM 64QAM	2649.99	529998	80	1	0	23.39

DFT-s-OFDM 64QAM	2649.99	529998	80	1	216	22.51
DFT-s-OFDM 64QAM	2649.99	529998	80	108	54	23.61
DFT-s-OFDM 64QAM	2649.99	529998	80	216	0	22.72
DFT-s-OFDM 256QAM	2649.99	529998	80	1	0	20.89
DFT-s-OFDM 256QAM	2649.99	529998	80	1	216	20.36
DFT-s-OFDM 256QAM	2649.99	529998	80	108	54	19.83
DFT-s-OFDM 256QAM	2649.99	529998	80	216	0	20.29
CP-OFDM QPSK	2649.99	529998	80	1	0	23.92
CP-OFDM QPSK	2649.99	529998	80	1	216	23.04
CP-OFDM QPSK	2649.99	529998	80	109	54	22.16
CP-OFDM QPSK	2649.99	529998	80	217	0	23.25
CP-OFDM 16QAM	2649.99	529998	80	1	0	22.37
CP-OFDM 16QAM	2649.99	529998	80	1	216	22.43
CP-OFDM 16QAM	2649.99	529998	80	109	54	23.53
CP-OFDM 16QAM	2649.99	529998	80	217	0	23.36
CP-OFDM 64QAM	2649.99	529998	80	1	0	22.47
CP-OFDM 64QAM	2649.99	529998	80	1	216	23.57
CP-OFDM 64QAM	2649.99	529998	80	109	54	23.63
CP-OFDM 64QAM	2649.99	529998	80	217	0	22.75
CP-OFDM 256QAM	2649.99	529998	80	1	0	20.15
CP-OFDM 256QAM	2649.99	529998	80	1	216	20.80
CP-OFDM 256QAM	2649.99	529998	80	109	54	20.27
CP-OFDM 256QAM	2649.99	529998	80	217	0	20.31

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2541	508200	90	120	60	22.37
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	1	23.47
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	243	23.85
DFT-s-OFDM QPSK	2541	508200	90	120	60	22.26
DFT-s-OFDM QPSK	2541	508200	90	1	1	23.36
DFT-s-OFDM QPSK	2541	508200	90	1	243	23.74
DFT-s-OFDM QPSK	2541	508200	90	120	60	22.86
DFT-s-OFDM QPSK	2541	508200	90	243	0	22.30
DFT-s-OFDM 16QAM	2541	508200	90	1	0	22.36
DFT-s-OFDM 16QAM	2541	508200	90	1	244	23.78
DFT-s-OFDM 16QAM	2541	508200	90	120	60	22.90
DFT-s-OFDM 16QAM	2541	508200	90	243	0	23.29
DFT-s-OFDM 64QAM	2541	508200	90	1	0	23.67
DFT-s-OFDM 64QAM	2541	508200	90	1	244	22.08
DFT-s-OFDM 64QAM	2541	508200	90	120	60	23.18
DFT-s-OFDM 64QAM	2541	508200	90	243	0	23.56
DFT-s-OFDM 256QAM	2541	508200	90	1	0	20.21
DFT-s-OFDM 256QAM	2541	508200	90	1	244	20.86
DFT-s-OFDM 256QAM	2541	508200	90	120	60	19.91
DFT-s-OFDM 256QAM	2541	508200	90	243	0	20.76

CP-OFDM QPSK	2541	508200	90	1	0	22.72
CP-OFDM QPSK	2541	508200	90	1	244	22.78
CP-OFDM QPSK	2541	508200	90	123	61	22.23
CP-OFDM QPSK	2541	508200	90	245	0	22.61
CP-OFDM 16QAM	2541	508200	90	1	0	23.00
CP-OFDM 16QAM	2541	508200	90	1	244	22.12
CP-OFDM 16QAM	2541	508200	90	123	61	22.50
CP-OFDM 16QAM	2541	508200	90	245	0	22.33
CP-OFDM 64QAM	2541	508200	90	1	0	22.72
CP-OFDM 64QAM	2541	508200	90	1	244	23.10
CP-OFDM 64QAM	2541	508200	90	123	61	22.22
CP-OFDM 64QAM	2541	508200	90	245	0	22.61
CP-OFDM 256QAM	2541	508200	90	1	0	20.82
CP-OFDM 256QAM	2541	508200	90	1	244	20.48
CP-OFDM 256QAM	2541	508200	90	123	61	20.71
CP-OFDM 256QAM	2541	508200	90	245	0	20.19
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	120	60	22.03
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	1	22.41
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	243	23.51
DFT-s-OFDM QPSK	2592.99	518598	90	120	60	23.89
DFT-s-OFDM QPSK	2592.99	518598	90	1	1	23.01
DFT-s-OFDM QPSK	2592.99	518598	90	1	243	22.13
DFT-s-OFDM QPSK	2592.99	518598	90	120	60	22.52
DFT-s-OFDM QPSK	2592.99	518598	90	243	0	23.61
DFT-s-OFDM 16QAM	2592.99	518598	90	1	0	22.73
DFT-s-OFDM 16QAM	2592.99	518598	90	1	244	23.12
DFT-s-OFDM 16QAM	2592.99	518598	90	120	60	22.23
DFT-s-OFDM 16QAM	2592.99	518598	90	243	0	23.33
DFT-s-OFDM 64QAM	2592.99	518598	90	1	0	23.72
DFT-s-OFDM 64QAM	2592.99	518598	90	1	244	22.83
DFT-s-OFDM 64QAM	2592.99	518598	90	120	60	22.27
DFT-s-OFDM 64QAM	2592.99	518598	90	243	0	22.34
DFT-s-OFDM 256QAM	2592.99	518598	90	1	0	20.85
DFT-s-OFDM 256QAM	2592.99	518598	90	1	244	20.13
DFT-s-OFDM 256QAM	2592.99	518598	90	120	60	20.03
DFT-s-OFDM 256QAM	2592.99	518598	90	243	0	20.49
CP-OFDM QPSK	2592.99	518598	90	1	0	22.98
CP-OFDM QPSK	2592.99	518598	90	1	244	22.09
CP-OFDM QPSK	2592.99	518598	90	123	61	22.48
CP-OFDM QPSK	2592.99	518598	90	245	0	23.58
CP-OFDM 16QAM	2592.99	518598	90	1	0	22.69
CP-OFDM 16QAM	2592.99	518598	90	1	244	22.76
CP-OFDM 16QAM	2592.99	518598	90	123	61	23.85
CP-OFDM 16QAM	2592.99	518598	90	245	0	22.97
CP-OFDM 64QAM	2592.99	518598	90	1	0	23.36
CP-OFDM 64QAM	2592.99	518598	90	1	244	22.47

CP-OFDM 64QAM	2592.99	518598	90	123	61	23.57
CP-OFDM 64QAM	2592.99	518598	90	245	0	22.69
CP-OFDM 256QAM	2592.99	518598	90	1	0	20.44
CP-OFDM 256QAM	2592.99	518598	90	1	244	20.34
CP-OFDM 256QAM	2592.99	518598	90	123	61	20.57
CP-OFDM 256QAM	2592.99	518598	90	245	0	20.04
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	120	60	22.19
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	1	23.28
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	243	22.40
DFT-s-OFDM QPSK	2644.98	528996	90	120	60	23.17
DFT-s-OFDM QPSK	2644.98	528996	90	1	1	22.29
DFT-s-OFDM QPSK	2644.98	528996	90	1	243	23.39
DFT-s-OFDM QPSK	2644.98	528996	90	120	60	22.50
DFT-s-OFDM QPSK	2644.98	528996	90	243	0	23.60
DFT-s-OFDM 16QAM	2644.98	528996	90	1	0	22.39
DFT-s-OFDM 16QAM	2644.98	528996	90	1	244	23.49
DFT-s-OFDM 16QAM	2644.98	528996	90	120	60	22.61
DFT-s-OFDM 16QAM	2644.98	528996	90	243	0	23.70
DFT-s-OFDM 64QAM	2644.98	528996	90	1	0	22.82
DFT-s-OFDM 64QAM	2644.98	528996	90	1	244	23.59
DFT-s-OFDM 64QAM	2644.98	528996	90	120	60	22.71
DFT-s-OFDM 64QAM	2644.98	528996	90	243	0	23.81
DFT-s-OFDM 256QAM	2644.98	528996	90	1	0	20.78
DFT-s-OFDM 256QAM	2644.98	528996	90	1	244	20.81
DFT-s-OFDM 256QAM	2644.98	528996	90	120	60	20.29
DFT-s-OFDM 256QAM	2644.98	528996	90	243	0	20.18
CP-OFDM QPSK	2644.98	528996	90	1	0	23.74
CP-OFDM QPSK	2644.98	528996	90	1	244	22.85
CP-OFDM QPSK	2644.98	528996	90	123	61	22.92
CP-OFDM QPSK	2644.98	528996	90	245	0	22.74
CP-OFDM 16QAM	2644.98	528996	90	1	0	23.84
CP-OFDM 16QAM	2644.98	528996	90	1	244	22.96
CP-OFDM 16QAM	2644.98	528996	90	123	61	22.08
CP-OFDM 16QAM	2644.98	528996	90	245	0	22.14
CP-OFDM 64QAM	2644.98	528996	90	1	0	23.23
CP-OFDM 64QAM	2644.98	528996	90	1	244	23.06
CP-OFDM 64QAM	2644.98	528996	90	123	61	22.18
CP-OFDM 64QAM	2644.98	528996	90	245	0	23.28
CP-OFDM 256QAM	2644.98	528996	90	1	0	20.60
CP-OFDM 256QAM	2644.98	528996	90	1	244	20.50
CP-OFDM 256QAM	2644.98	528996	90	123	61	19.97
CP-OFDM 256QAM	2644.98	528996	90	245	0	20.62

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	22.15

DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	1	22.54
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	271	23.63
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	22.04
DFT-s-OFDM QPSK	2546.01	509202	100	1	1	22.43
DFT-s-OFDM QPSK	2546.01	509202	100	1	271	23.52
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	22.96
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	23.03
DFT-s-OFDM 16QAM	2546.01	509202	100	1	0	22.47
DFT-s-OFDM 16QAM	2546.01	509202	100	1	272	23.56
DFT-s-OFDM 16QAM	2546.01	509202	100	135	67	23.95
DFT-s-OFDM 16QAM	2546.01	509202	100	270	0	23.07
DFT-s-OFDM 64QAM	2546.01	509202	100	1	0	23.45
DFT-s-OFDM 64QAM	2546.01	509202	100	1	272	23.84
DFT-s-OFDM 64QAM	2546.01	509202	100	135	67	22.96
DFT-s-OFDM 64QAM	2546.01	509202	100	270	0	23.34
DFT-s-OFDM 256QAM	2546.01	509202	100	1	0	20.27
DFT-s-OFDM 256QAM	2546.01	509202	100	1	272	20.31
DFT-s-OFDM 256QAM	2546.01	509202	100	135	67	19.97
DFT-s-OFDM 256QAM	2546.01	509202	100	270	0	20.63
CP-OFDM QPSK	2546.01	509202	100	1	0	23.77
CP-OFDM QPSK	2546.01	509202	100	1	272	22.89
CP-OFDM QPSK	2546.01	509202	100	137	68	23.27
CP-OFDM QPSK	2546.01	509202	100	273	0	23.66
CP-OFDM 16QAM	2546.01	509202	100	1	0	22.78
CP-OFDM 16QAM	2546.01	509202	100	1	272	23.16
CP-OFDM 16QAM	2546.01	509202	100	137	68	22.28
CP-OFDM 16QAM	2546.01	509202	100	273	0	23.38
CP-OFDM 64QAM	2546.01	509202	100	1	0	22.50
CP-OFDM 64QAM	2546.01	509202	100	1	272	23.59
CP-OFDM 64QAM	2546.01	509202	100	137	68	22.71
CP-OFDM 64QAM	2546.01	509202	100	273	0	23.10
CP-OFDM 256QAM	2546.01	509202	100	1	0	19.93
CP-OFDM 256QAM	2546.01	509202	100	1	272	20.16
CP-OFDM 256QAM	2546.01	509202	100	137	68	20.81
CP-OFDM 256QAM	2546.01	509202	100	273	0	20.29
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	135	67	22.29
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	1	23.39
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	271	22.51
DFT-s-OFDM QPSK	2592.99	518598	100	135	67	22.90
DFT-s-OFDM QPSK	2592.99	518598	100	1	1	22.01
DFT-s-OFDM QPSK	2592.99	518598	100	1	271	23.11
DFT-s-OFDM QPSK	2592.99	518598	100	135	67	22.23
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	23.32
DFT-s-OFDM 16QAM	2592.99	518598	100	1	0	22.44
DFT-s-OFDM 16QAM	2592.99	518598	100	1	272	22.83
DFT-s-OFDM 16QAM	2592.99	518598	100	135	67	23.92

DFT-s-OFDM 16QAM	2592.99	518598	100	270	0	23.04
DFT-s-OFDM 64QAM	2592.99	518598	100	1	0	23.43
DFT-s-OFDM 64QAM	2592.99	518598	100	1	272	22.54
DFT-s-OFDM 64QAM	2592.99	518598	100	135	67	23.64
DFT-s-OFDM 64QAM	2592.99	518598	100	270	0	22.05
DFT-s-OFDM 256QAM	2592.99	518598	100	1	0	20.41
DFT-s-OFDM 256QAM	2592.99	518598	100	1	272	19.89
DFT-s-OFDM 256QAM	2592.99	518598	100	135	67	20.54
DFT-s-OFDM 256QAM	2592.99	518598	100	270	0	20.58
CP-OFDM QPSK	2592.99	518598	100	1	0	22.42
CP-OFDM QPSK	2592.99	518598	100	1	272	23.52
CP-OFDM QPSK	2592.99	518598	100	137	68	22.63
CP-OFDM QPSK	2592.99	518598	100	273	0	23.02
CP-OFDM 16QAM	2592.99	518598	100	1	0	22.14
CP-OFDM 16QAM	2592.99	518598	100	1	272	23.23
CP-OFDM 16QAM	2592.99	518598	100	137	68	22.35
CP-OFDM 16QAM	2592.99	518598	100	273	0	23.45
CP-OFDM 64QAM	2592.99	518598	100	1	0	22.57
CP-OFDM 64QAM	2592.99	518598	100	1	272	22.95
CP-OFDM 64QAM	2592.99	518598	100	137	68	22.07
CP-OFDM 64QAM	2592.99	518598	100	273	0	22.45
CP-OFDM 256QAM	2592.99	518598	100	1	0	20.73
CP-OFDM 256QAM	2592.99	518598	100	1	272	20.20
CP-OFDM 256QAM	2592.99	518598	100	137	68	20.85
CP-OFDM 256QAM	2592.99	518598	100	273	0	20.33
DFT-s-OFDM PI/2 BPSK	2640	528000	100	135	67	23.66
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	1	22.77
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	271	23.87
DFT-s-OFDM QPSK	2640	528000	100	135	67	23.70
DFT-s-OFDM QPSK	2640	528000	100	1	1	23.76
DFT-s-OFDM QPSK	2640	528000	100	1	271	22.88
DFT-s-OFDM QPSK	2640	528000	100	135	67	22.70
DFT-s-OFDM QPSK	2640	528000	100	270	0	23.09
DFT-s-OFDM 16QAM	2640	528000	100	1	0	22.92
DFT-s-OFDM 16QAM	2640	528000	100	1	272	22.98
DFT-s-OFDM 16QAM	2640	528000	100	135	67	22.10
DFT-s-OFDM 16QAM	2640	528000	100	270	0	23.90
DFT-s-OFDM 64QAM	2640	528000	100	1	0	23.02
DFT-s-OFDM 64QAM	2640	528000	100	1	272	22.14
DFT-s-OFDM 64QAM	2640	528000	100	135	67	22.20
DFT-s-OFDM 64QAM	2640	528000	100	270	0	23.30
DFT-s-OFDM 256QAM	2640	528000	100	1	0	20.47
DFT-s-OFDM 256QAM	2640	528000	100	1	272	19.95
DFT-s-OFDM 256QAM	2640	528000	100	135	67	20.60
DFT-s-OFDM 256QAM	2640	528000	100	270	0	20.64
CP-OFDM QPSK	2640	528000	100	1	0	22.52

CP-OFDM QPSK	2640	528000	100	1	272	22.35
CP-OFDM QPSK	2640	528000	100	137	68	23.44
CP-OFDM QPSK	2640	528000	100	273	0	22.56
CP-OFDM 16QAM	2640	528000	100	1	0	23.33
CP-OFDM 16QAM	2640	528000	100	1	272	22.45
CP-OFDM 16QAM	2640	528000	100	137	68	23.55
CP-OFDM 16QAM	2640	528000	100	273	0	22.66
CP-OFDM 64QAM	2640	528000	100	1	0	23.76
CP-OFDM 64QAM	2640	528000	100	1	272	23.82
CP-OFDM 64QAM	2640	528000	100	137	68	23.65
CP-OFDM 64QAM	2640	528000	100	273	0	22.77
CP-OFDM 256QAM	2640	528000	100	1	0	20.91
CP-OFDM 256QAM	2640	528000	100	1	272	20.19
CP-OFDM 256QAM	2640	528000	100	137	68	20.85
CP-OFDM 256QAM	2640	528000	100	273	0	20.32

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	2592.99	518598	20	51	0	16.660	Fig.9
CP-OFDM 16QAM	2592.99	518598	20	51	0	18.170	Fig.10
CP-OFDM 64QAM	2592.99	518598	20	51	0	18.250	Fig.11
CP-OFDM 256QAM	2592.99	518598	20	51	0	18.100	Fig.12
CP-OFDM QPSK	2592.99	518598	30	78	0	27.750	Fig.13
CP-OFDM 16QAM	2592.99	518598	30	78	0	27.700	Fig.14
CP-OFDM 64QAM	2592.99	518598	30	78	0	27.870	Fig.15
CP-OFDM 256QAM	2592.99	518598	30	78	0	27.670	Fig.16
CP-OFDM QPSK	2592.99	518598	40	106	0	37.520	Fig.17
CP-OFDM 16QAM	2592.99	518598	40	106	0	37.050	Fig.18
CP-OFDM 64QAM	2592.99	518598	40	106	0	37.430	Fig.19
CP-OFDM 256QAM	2592.99	518598	40	106	0	37.550	Fig.20
CP-OFDM QPSK	2592.99	518598	50	133	0	47.480	Fig.21
CP-OFDM 16QAM	2592.99	518598	50	133	0	45.650	Fig.22
CP-OFDM 64QAM	2592.99	518598	50	133	0	47.550	Fig.23
CP-OFDM 256QAM	2592.99	518598	50	133	0	45.610	Fig.24
CP-OFDM QPSK	2592.99	518598	60	162	0	57.490	Fig.25
CP-OFDM 16QAM	2592.99	518598	60	162	0	56.210	Fig.26
CP-OFDM 64QAM	2592.99	518598	60	162	0	57.380	Fig.27
CP-OFDM 256QAM	2592.99	518598	60	162	0	57.750	Fig.28
CP-OFDM QPSK	2592.99	518598	70	189	0	67.500	Fig.29
CP-OFDM 16QAM	2592.99	518598	70	189	0	67.330	Fig.30
CP-OFDM 64QAM	2592.99	518598	70	189	0	67.080	Fig.31
CP-OFDM 256QAM	2592.99	518598	70	189	0	67.480	Fig.32
CP-OFDM QPSK	2592.99	518598	80	217	0	76.810	Fig.33
CP-OFDM 16QAM	2592.99	518598	80	217	0	77.490	Fig.34
CP-OFDM 64QAM	2592.99	518598	80	217	0	77.370	Fig.35
CP-OFDM 256QAM	2592.99	518598	80	217	0	77.610	Fig.36
CP-OFDM QPSK	2592.99	518598	90	245	0	81.510	Fig.37
CP-OFDM 16QAM	2592.99	518598	90	245	0	86.860	Fig.38
CP-OFDM 64QAM	2592.99	518598	90	245	0	74.450	Fig.39
CP-OFDM 256QAM	2592.99	518598	90	245	0	87.210	Fig.40
CP-OFDM QPSK	2592.99	518598	100	273	0	97.390	Fig.41
CP-OFDM 16QAM	2592.99	518598	100	273	0	97.540	Fig.42
CP-OFDM 64QAM	2592.99	518598	100	273	0	97.380	Fig.43
CP-OFDM 256QAM	2592.99	518598	100	273	0	97.410	Fig.44

Test Plot:

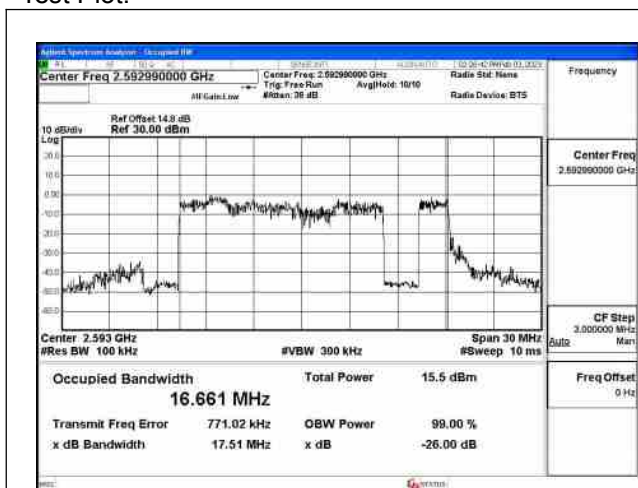


Fig.9

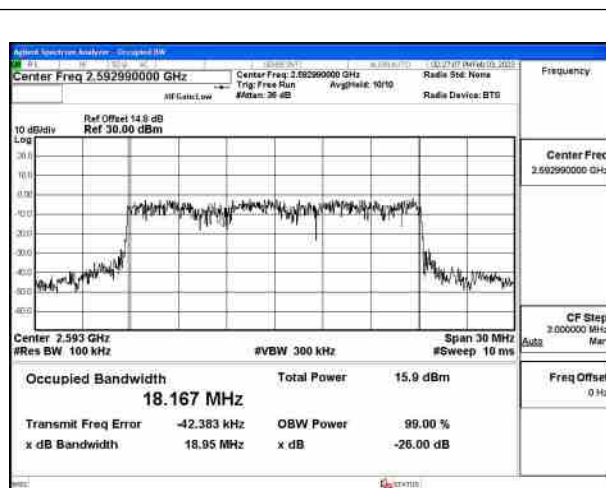


Fig.10

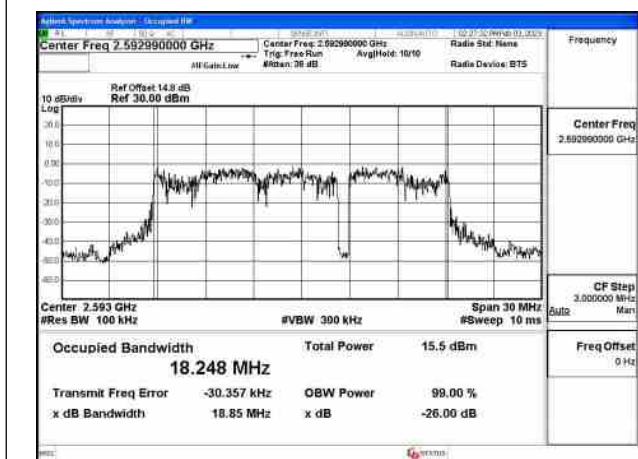


Fig.11

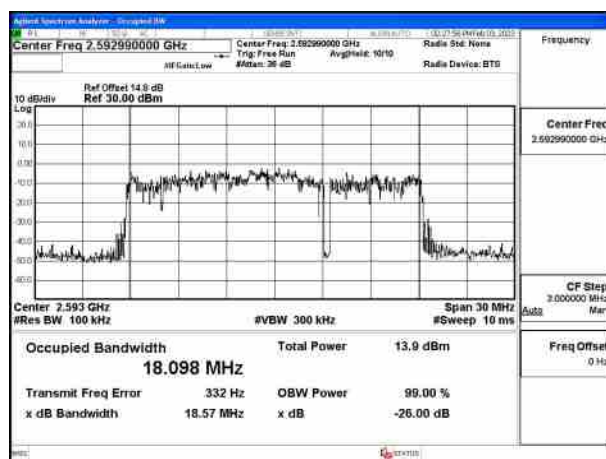


Fig.12

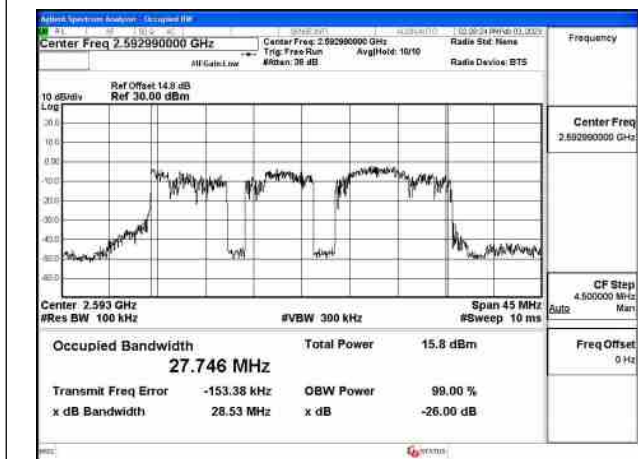


Fig.13

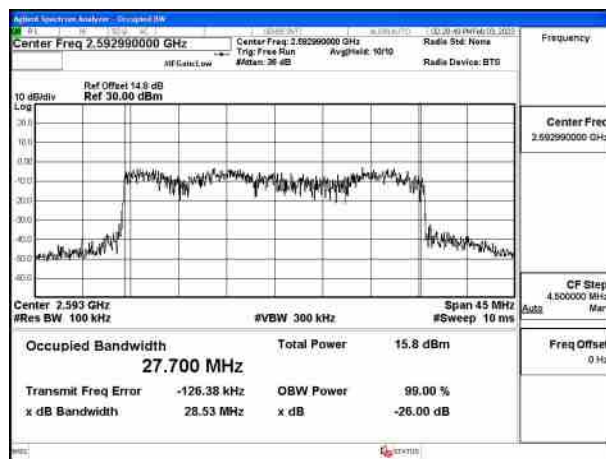


Fig.14

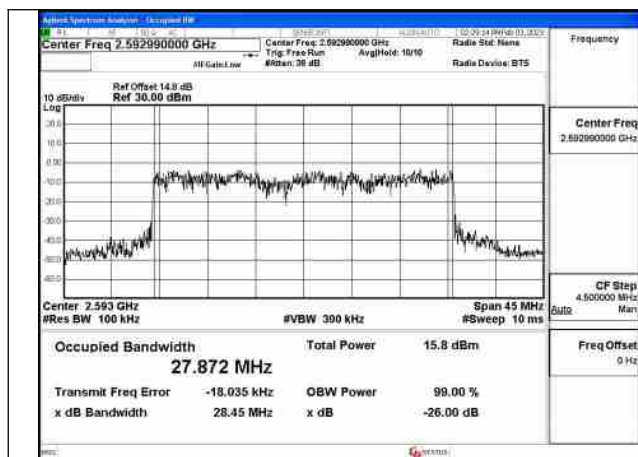


Fig.15

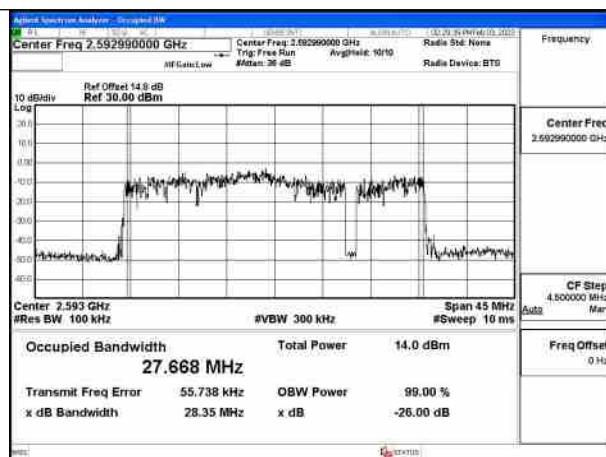


Fig.16

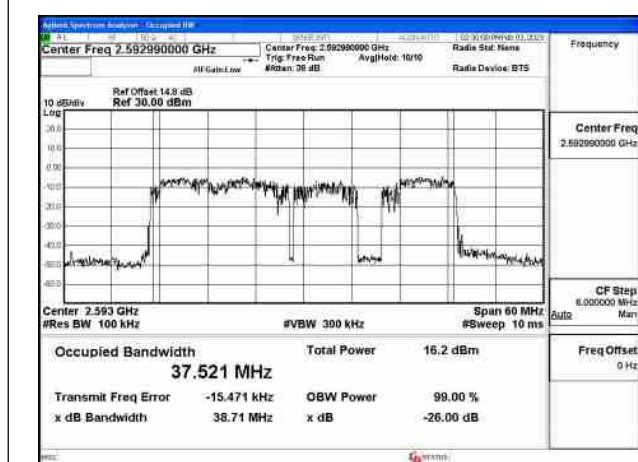


Fig.17

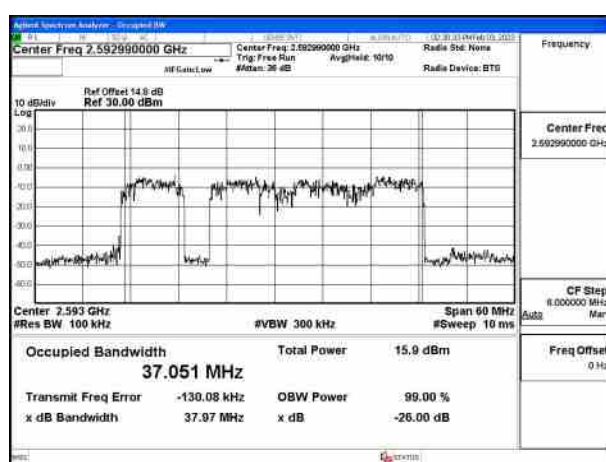


Fig.18

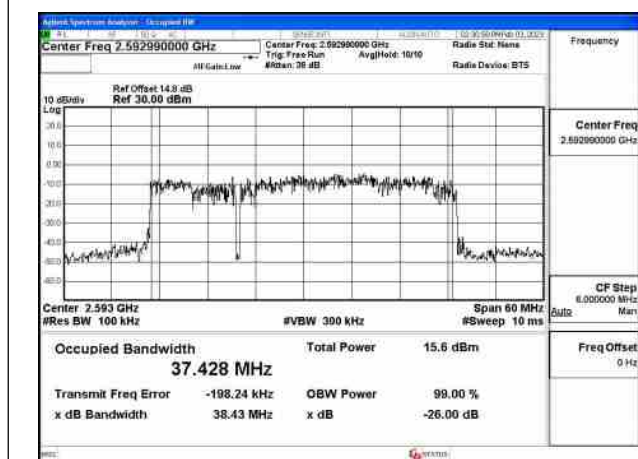


Fig.19

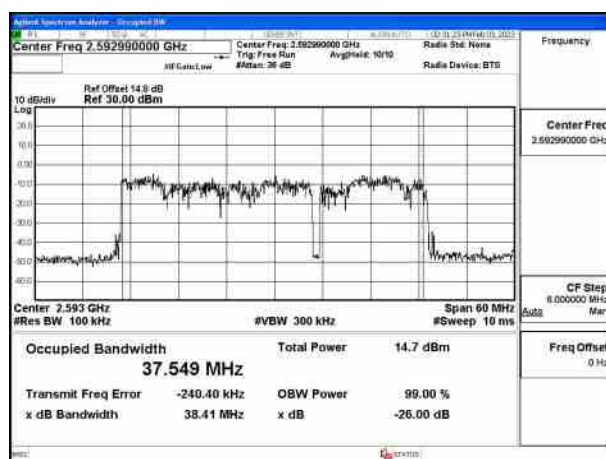


Fig.20

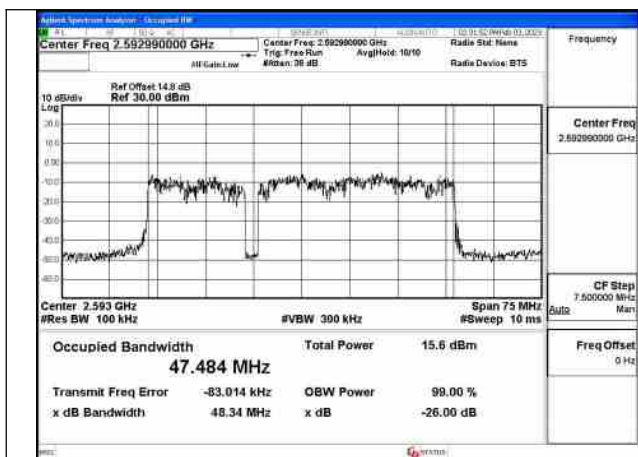


Fig.21

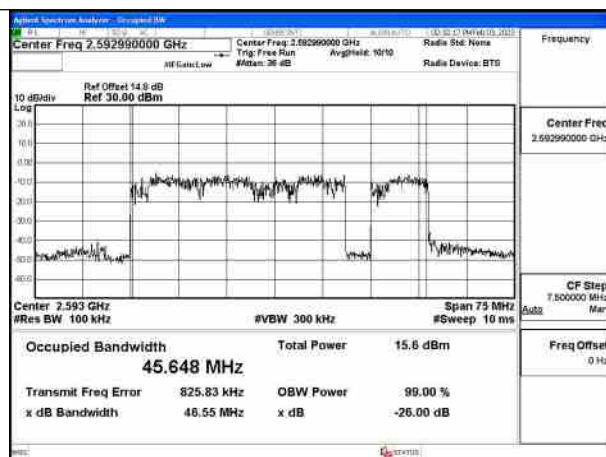


Fig.22

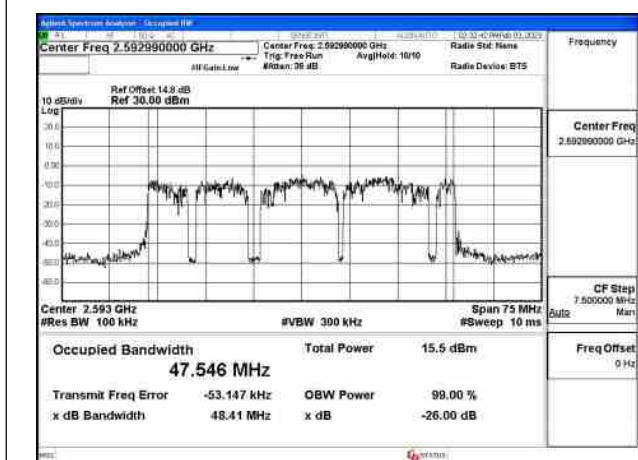


Fig.23

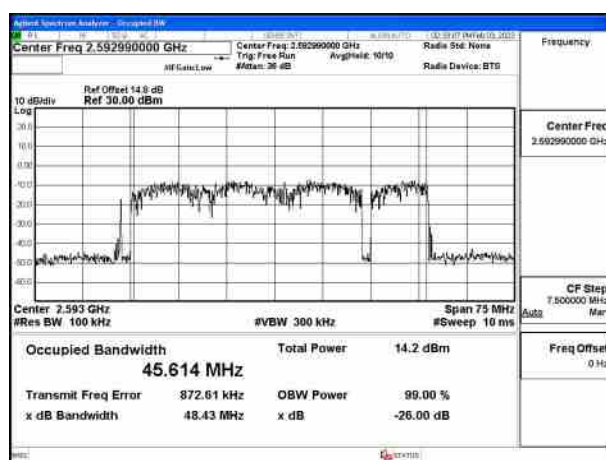


Fig.24

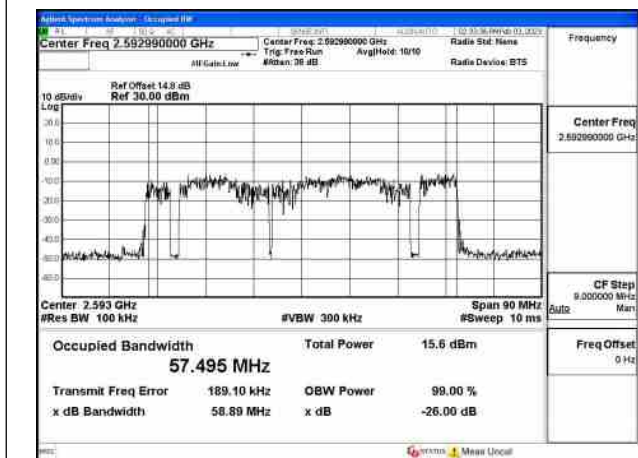


Fig.25

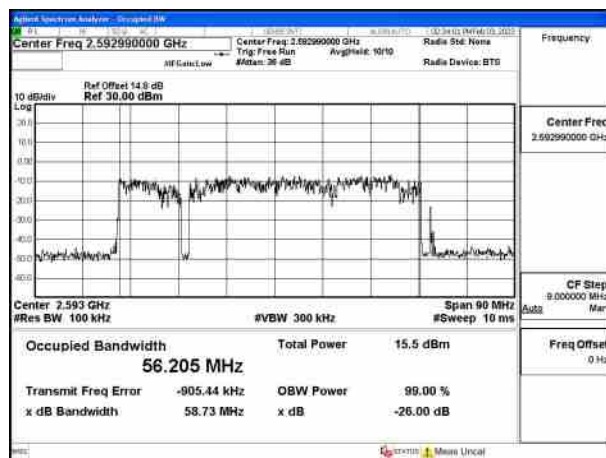


Fig.26

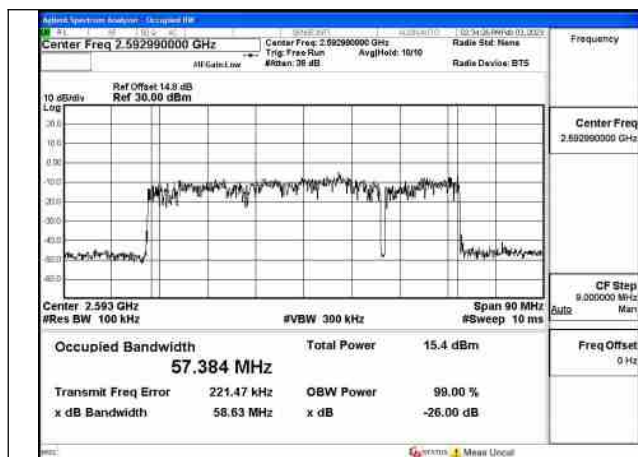


Fig.27

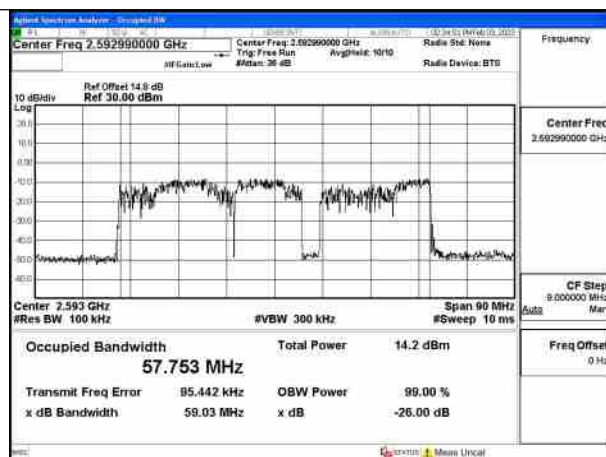


Fig.28

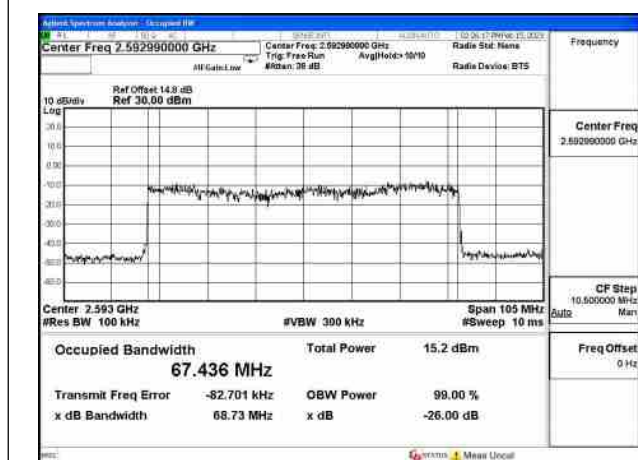


Fig.29

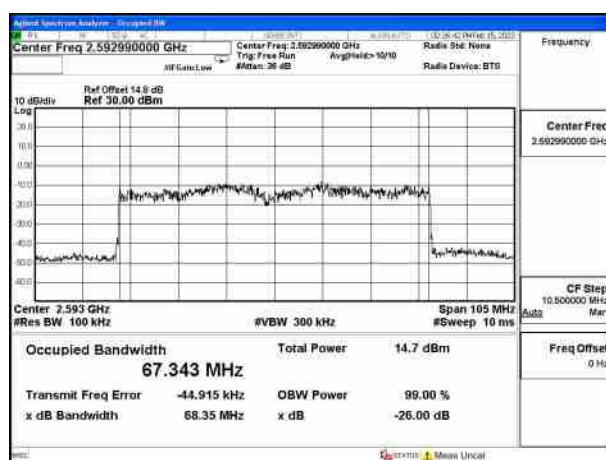


Fig.30

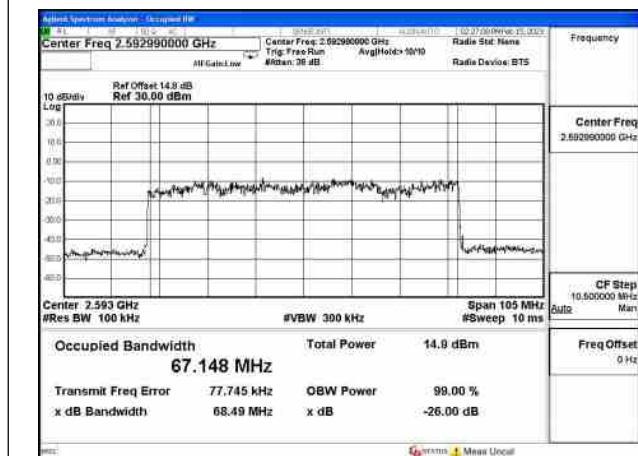


Fig.31

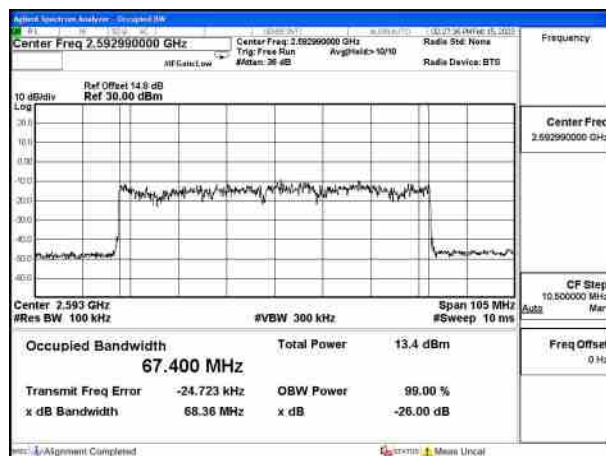


Fig.32

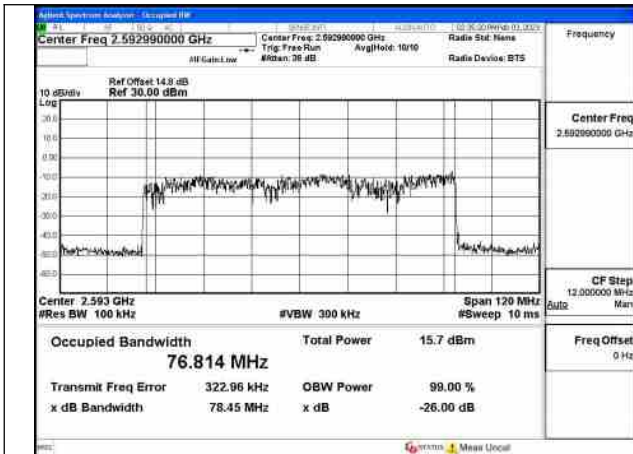


Fig.33

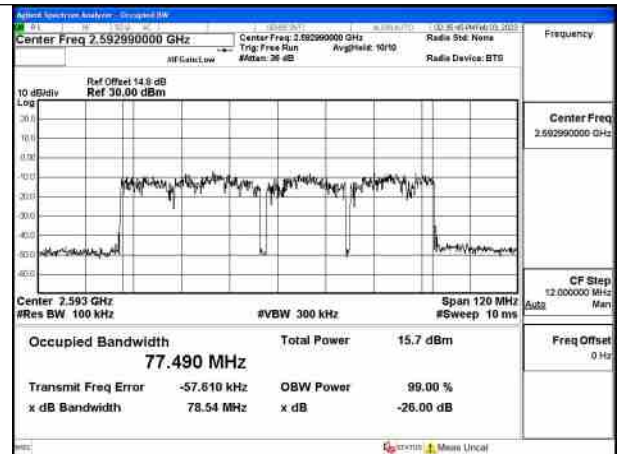


Fig.34

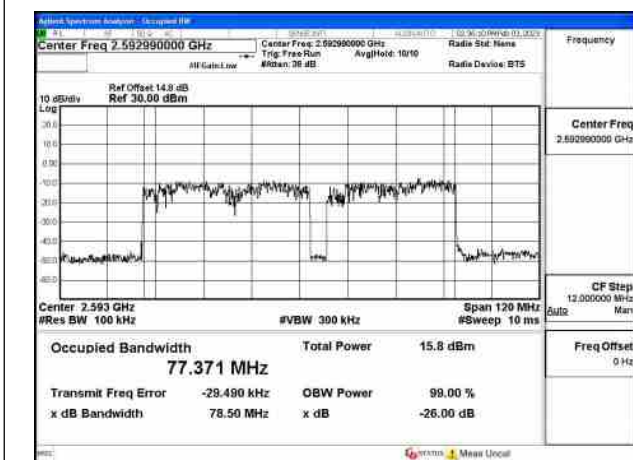


Fig.35

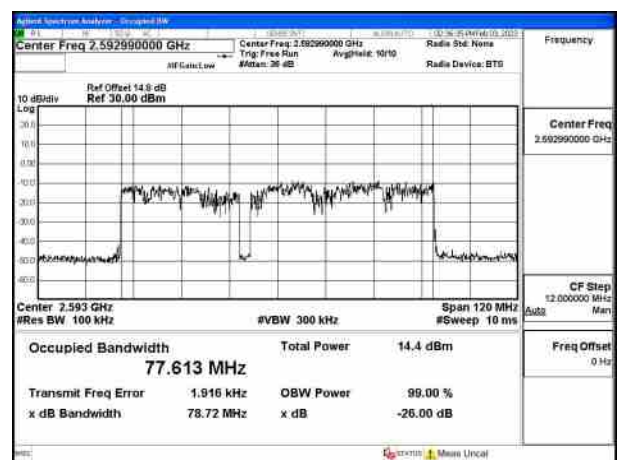


Fig.36

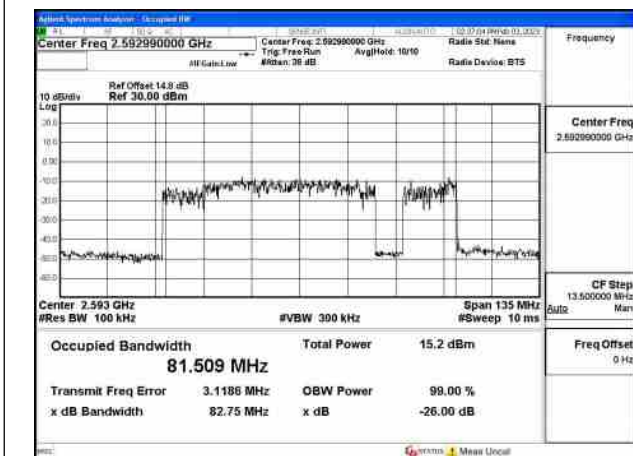


Fig.37

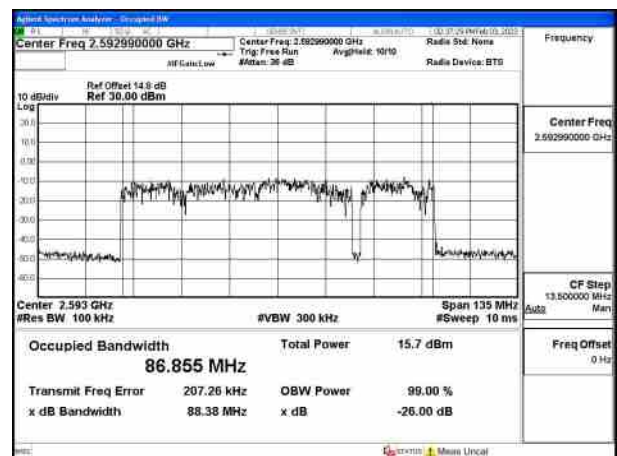


Fig.38

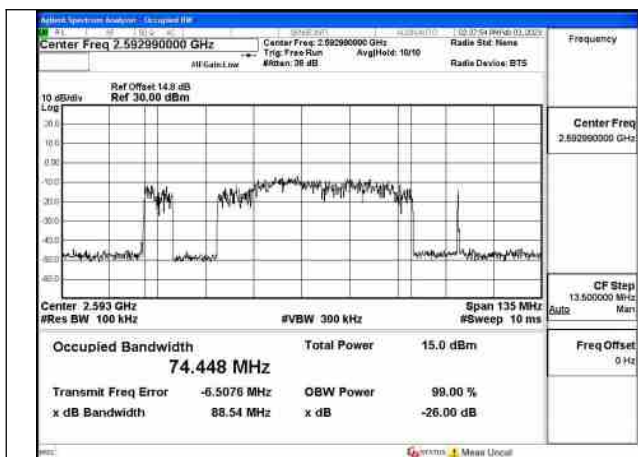


Fig.39

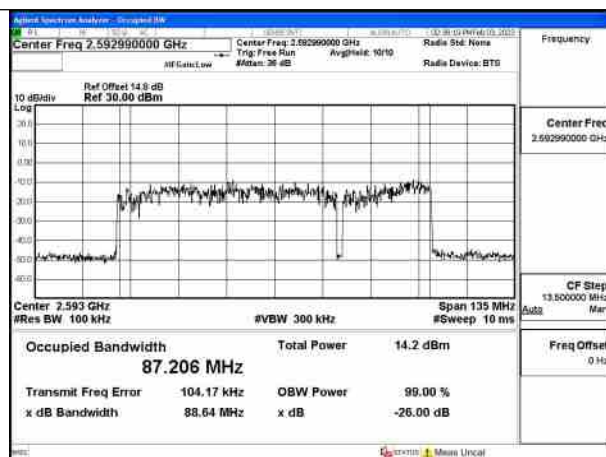


Fig.40

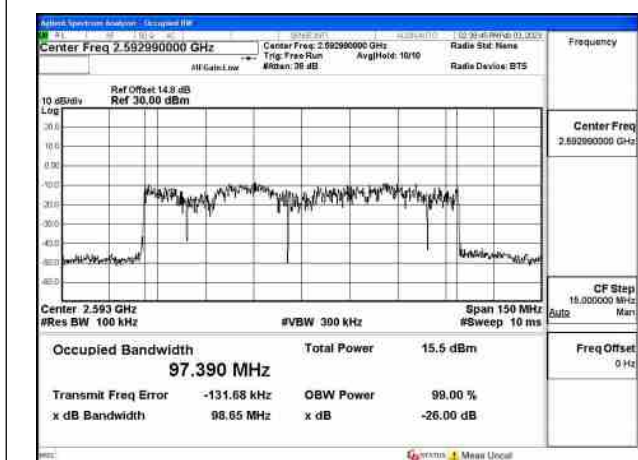


Fig.41

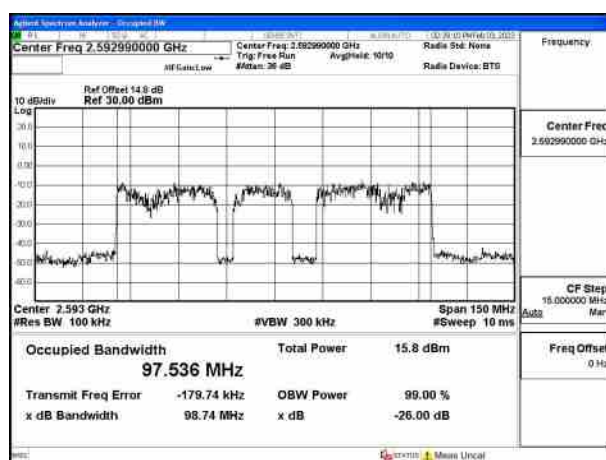


Fig.42

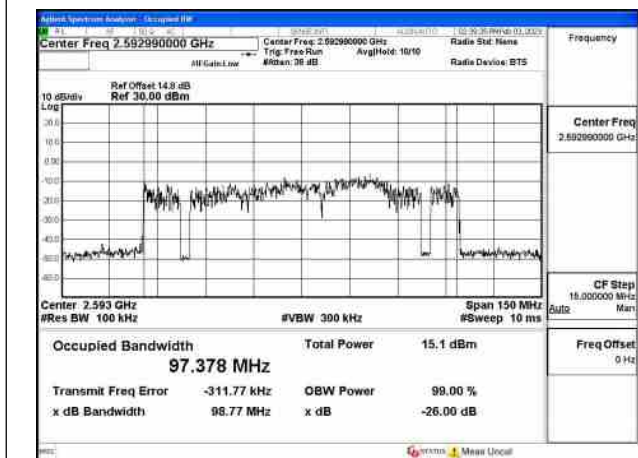


Fig.43

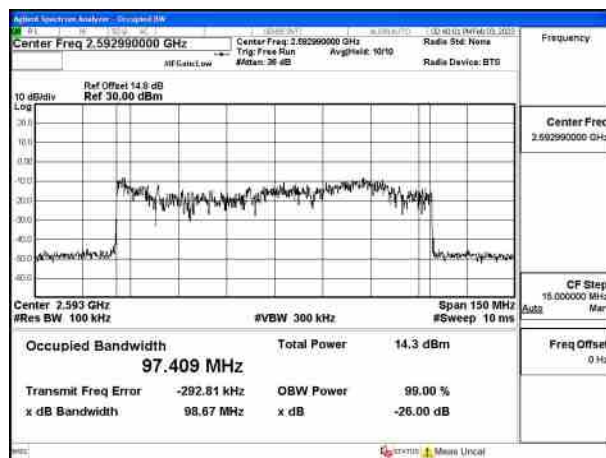


Fig.44

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	2592.99	518598	20	51	0	17.510	Fig.9
CP-OFDM 16QAM	2592.99	518598	20	51	0	18.950	Fig.10
CP-OFDM 64QAM	2592.99	518598	20	51	0	18.850	Fig.11
CP-OFDM 256QAM	2592.99	518598	20	51	0	18.570	Fig.12
CP-OFDM QPSK	2592.99	518598	30	78	0	28.530	Fig.13
CP-OFDM 16QAM	2592.99	518598	30	78	0	28.530	Fig.14
CP-OFDM 64QAM	2592.99	518598	30	78	0	28.450	Fig.15
CP-OFDM 256QAM	2592.99	518598	30	78	0	28.350	Fig.16
CP-OFDM QPSK	2592.99	518598	40	106	0	38.710	Fig.17
CP-OFDM 16QAM	2592.99	518598	40	106	0	37.970	Fig.18
CP-OFDM 64QAM	2592.99	518598	40	106	0	38.430	Fig.19
CP-OFDM 256QAM	2592.99	518598	40	106	0	38.410	Fig.20
CP-OFDM QPSK	2592.99	518598	50	133	0	48.340	Fig.21
CP-OFDM 16QAM	2592.99	518598	50	133	0	46.550	Fig.22
CP-OFDM 64QAM	2592.99	518598	50	133	0	48.410	Fig.23
CP-OFDM 256QAM	2592.99	518598	50	133	0	48.430	Fig.24
CP-OFDM QPSK	2592.99	518598	60	162	0	58.890	Fig.25
CP-OFDM 16QAM	2592.99	518598	60	162	0	58.730	Fig.26
CP-OFDM 64QAM	2592.99	518598	60	162	0	58.630	Fig.27
CP-OFDM 256QAM	2592.99	518598	60	162	0	59.030	Fig.28
CP-OFDM QPSK	2592.99	518598	70	189	0	68.660	Fig.29
CP-OFDM 16QAM	2592.99	518598	70	189	0	68.420	Fig.30
CP-OFDM 64QAM	2592.99	518598	70	189	0	68.430	Fig.31
CP-OFDM 256QAM	2592.99	518598	70	189	0	68.430	Fig.32
CP-OFDM QPSK	2592.99	518598	80	217	0	78.450	Fig.33
CP-OFDM 16QAM	2592.99	518598	80	217	0	78.540	Fig.34
CP-OFDM 64QAM	2592.99	518598	80	217	0	78.500	Fig.35
CP-OFDM 256QAM	2592.99	518598	80	217	0	78.720	Fig.36
CP-OFDM QPSK	2592.99	518598	90	245	0	82.750	Fig.37
CP-OFDM 16QAM	2592.99	518598	90	245	0	88.380	Fig.38
CP-OFDM 64QAM	2592.99	518598	90	245	0	88.540	Fig.39
CP-OFDM 256QAM	2592.99	518598	90	245	0	88.640	Fig.40
CP-OFDM QPSK	2592.99	518598	100	273	0	98.650	Fig.41
CP-OFDM 16QAM	2592.99	518598	100	273	0	98.740	Fig.42
CP-OFDM 64QAM	2592.99	518598	100	273	0	98.770	Fig.43
CP-OFDM 256QAM	2592.99	518598	100	273	0	98.670	Fig.44

Test Plot:

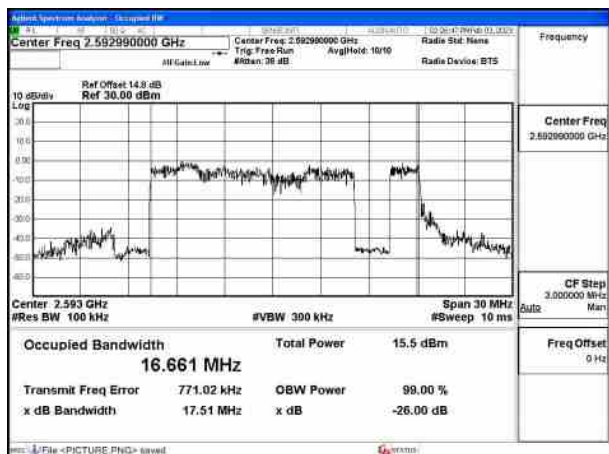


Fig.9

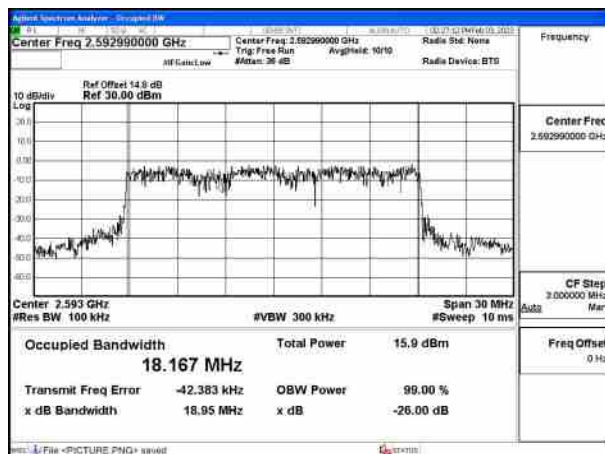


Fig.10

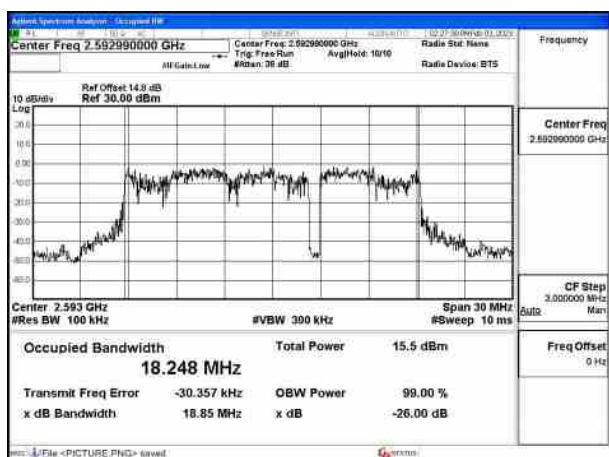


Fig.11

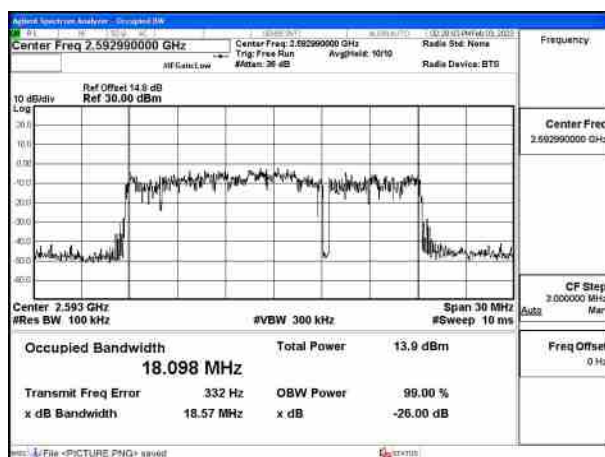


Fig.12

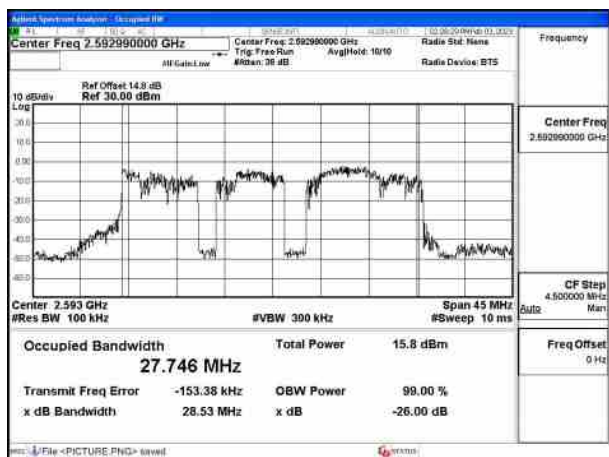


Fig.13

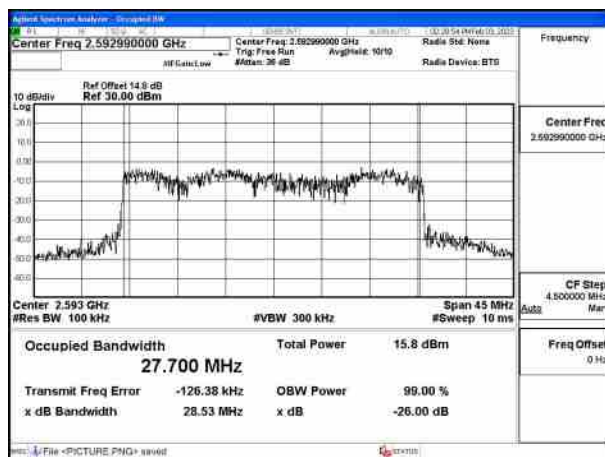


Fig.14

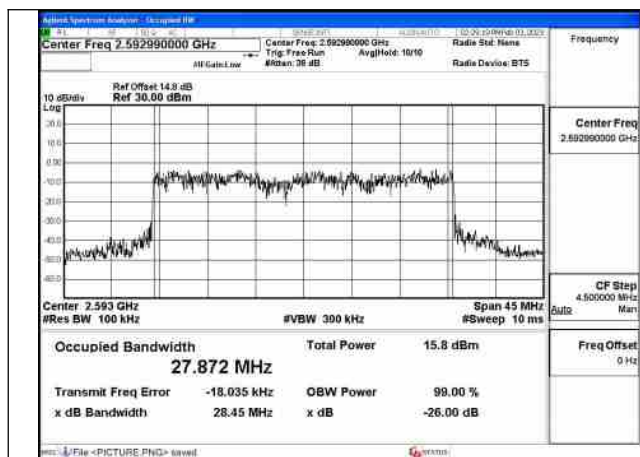


Fig.15

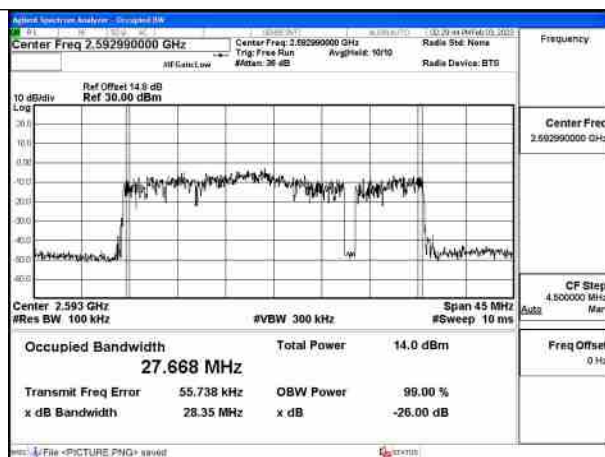


Fig.16

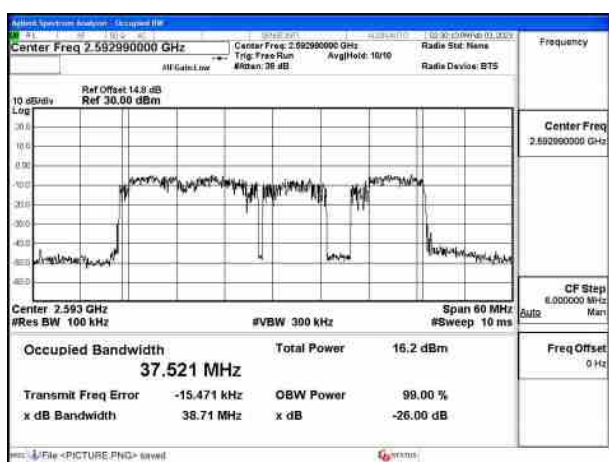


Fig.17

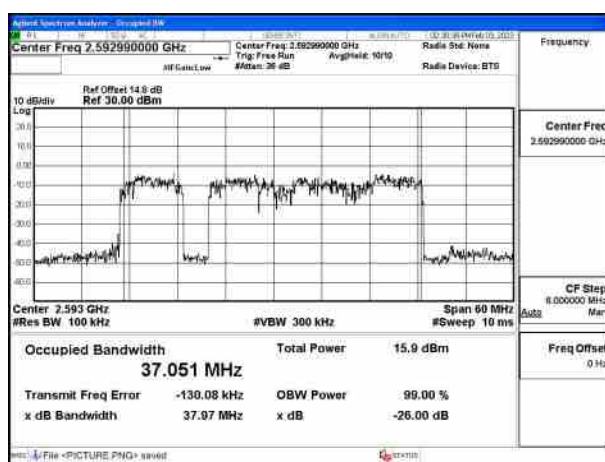


Fig.18

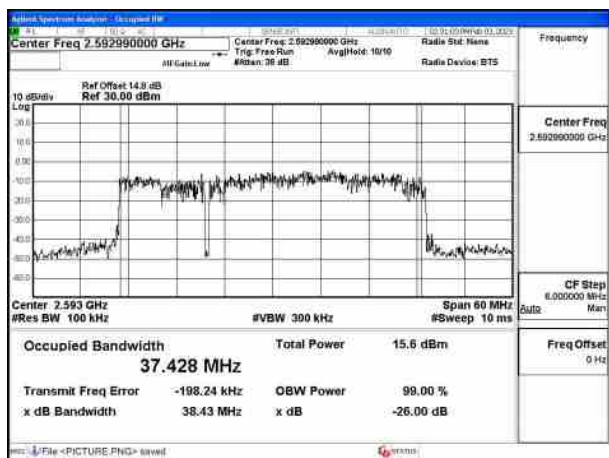


Fig.19

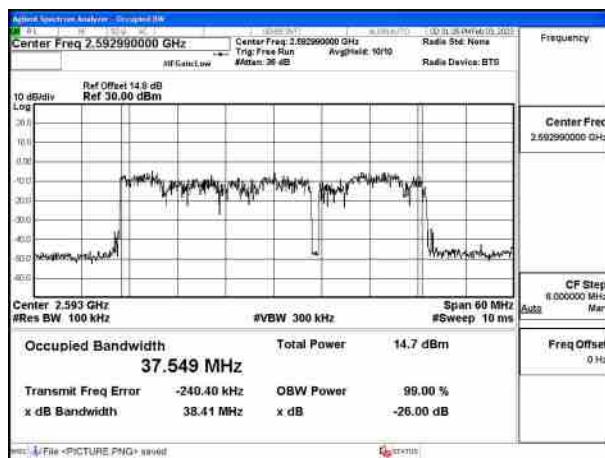


Fig.20

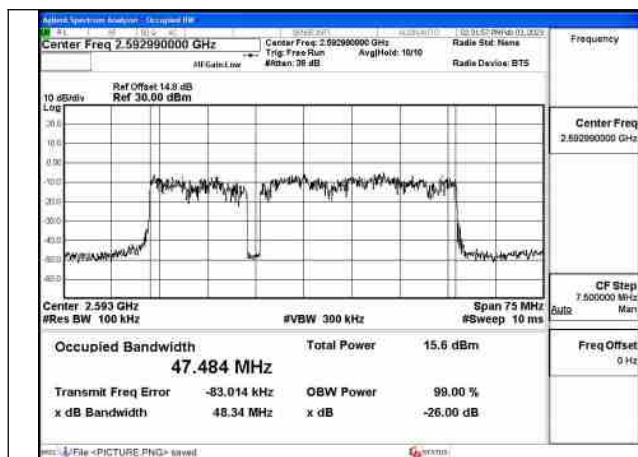


Fig.21

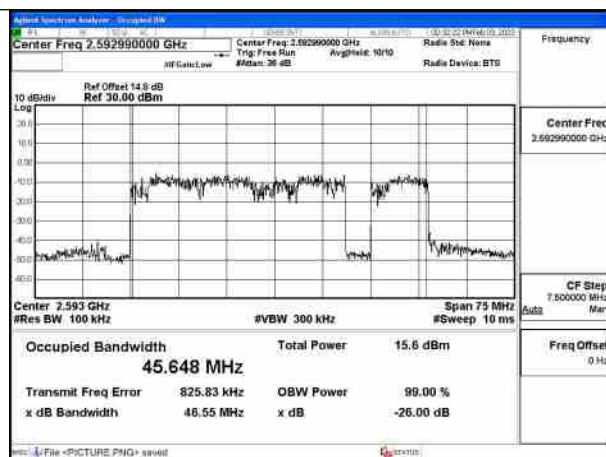


Fig.22

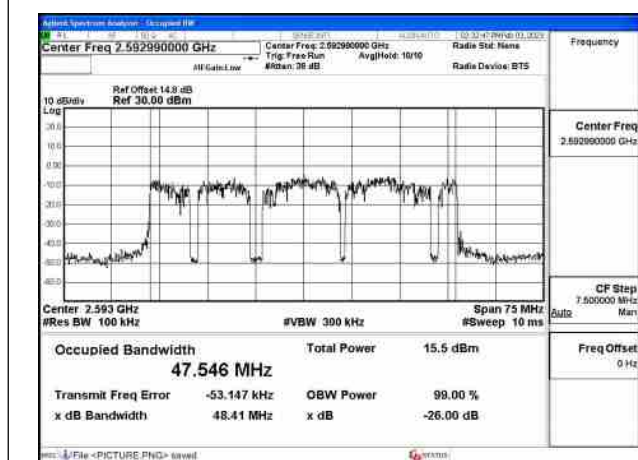


Fig.23

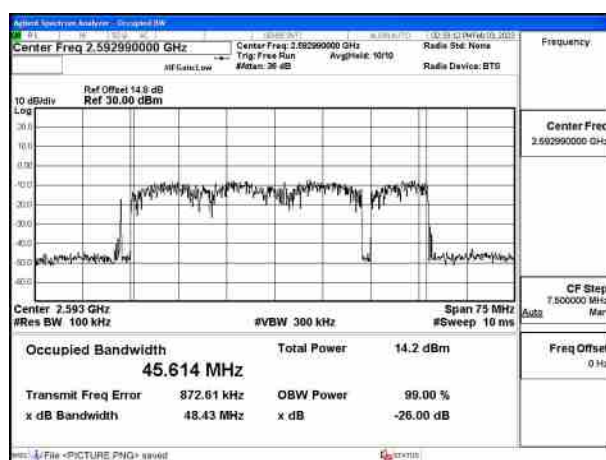


Fig.24

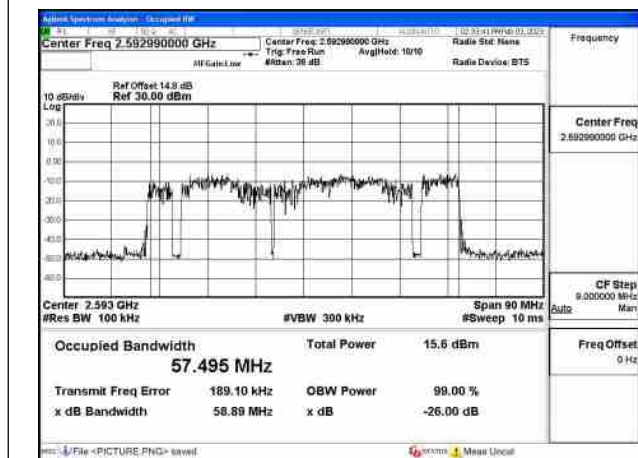


Fig.25

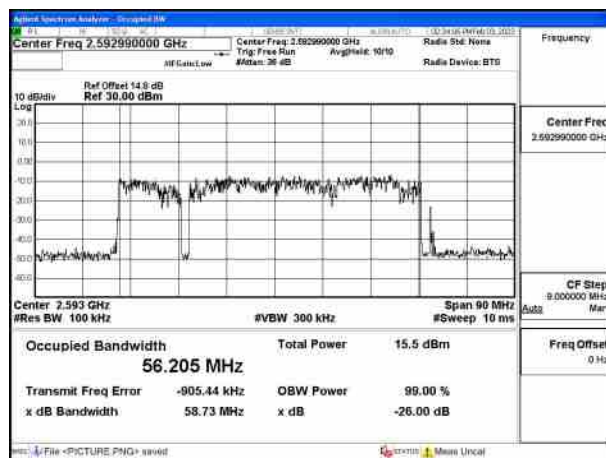


Fig.26

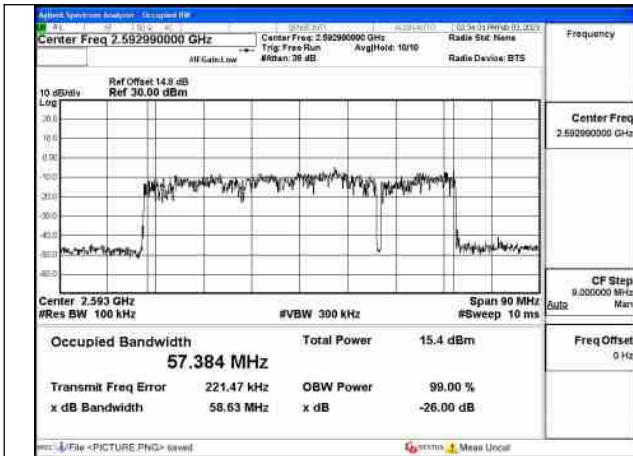


Fig.27

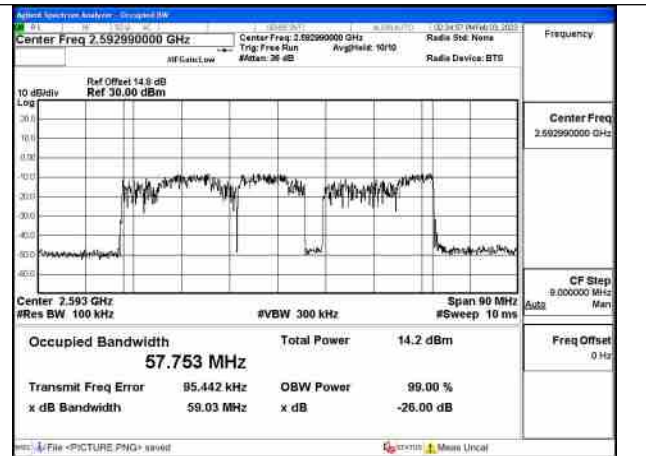


Fig.28

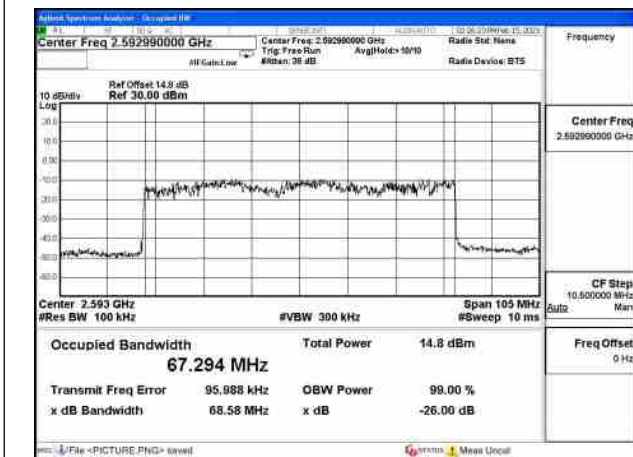


Fig.29

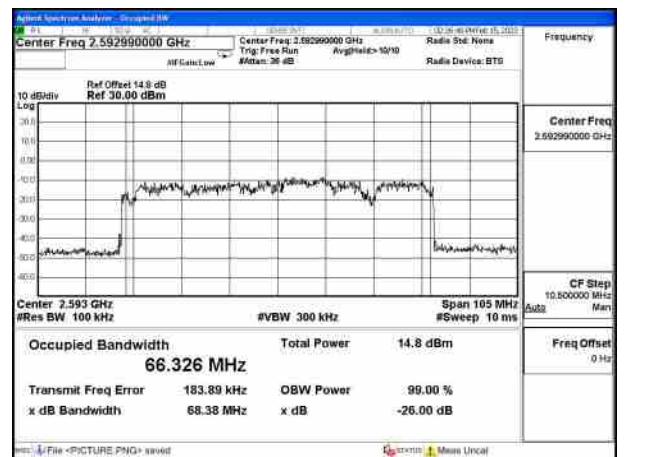


Fig.30

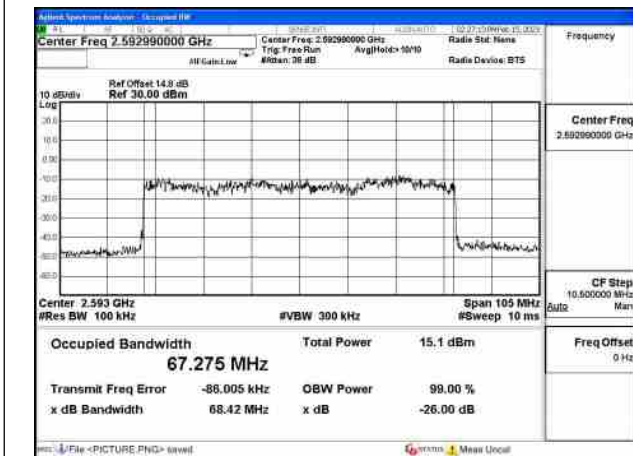


Fig.31

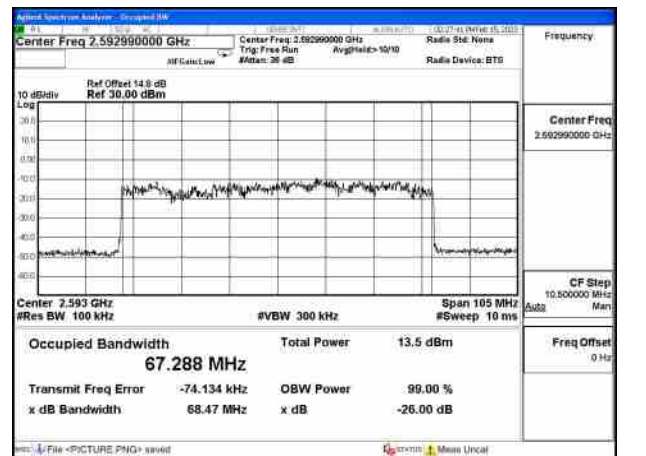


Fig.32

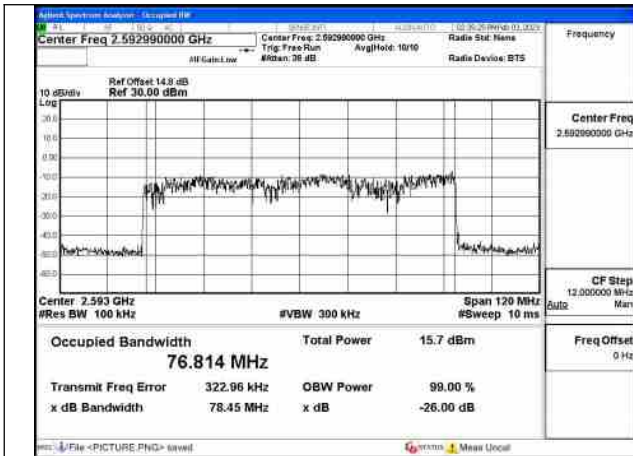


Fig.33

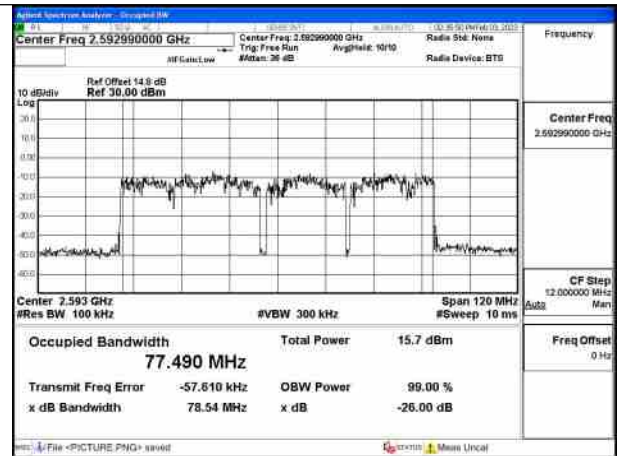


Fig.34

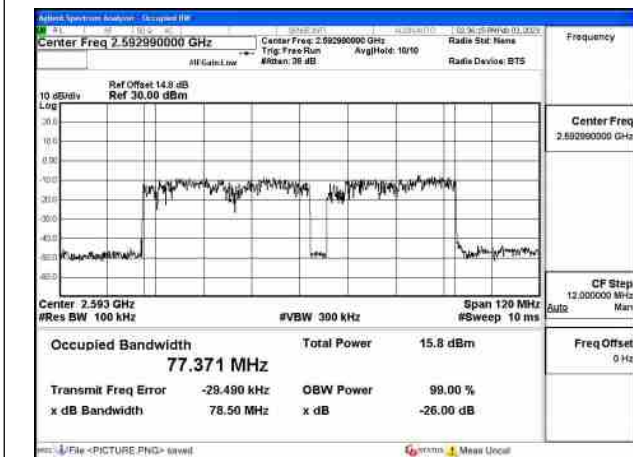


Fig.35

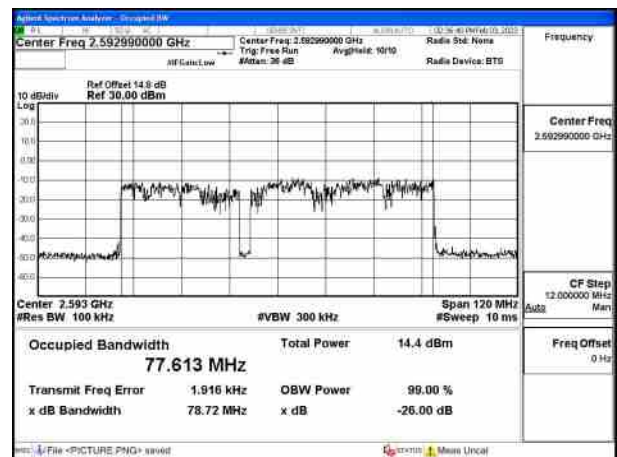


Fig.36

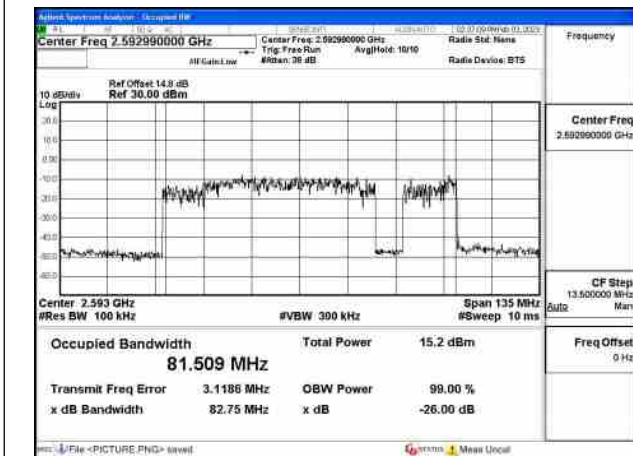


Fig.37

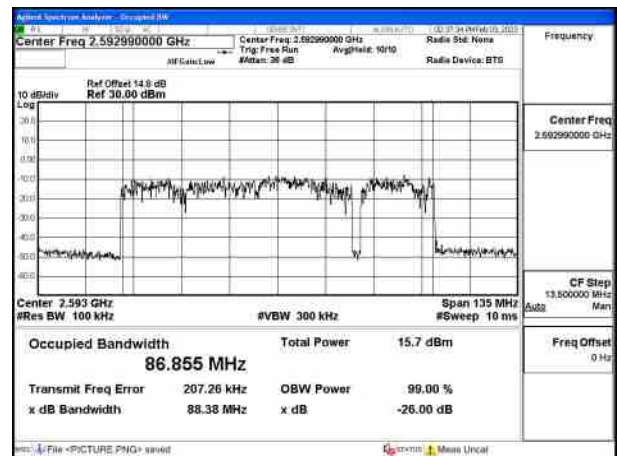


Fig.38

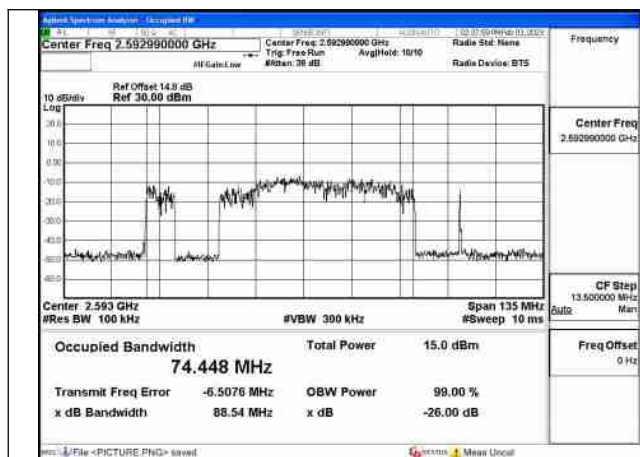


Fig.39

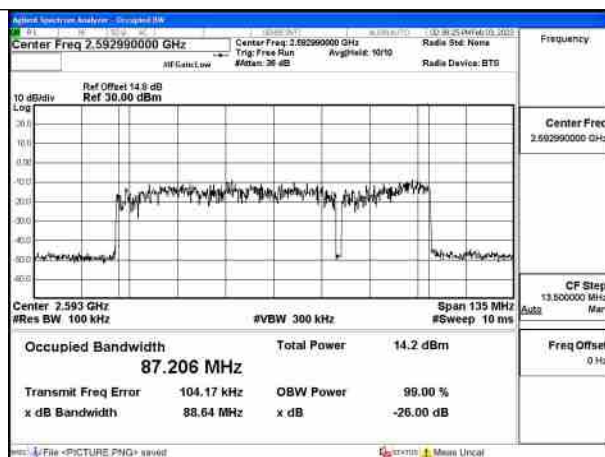


Fig.40

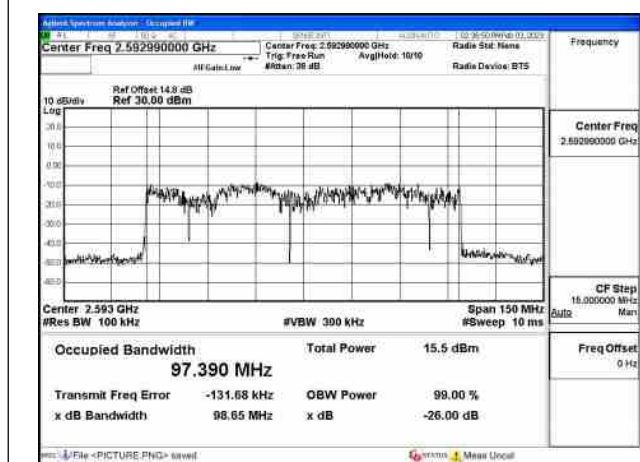


Fig.41

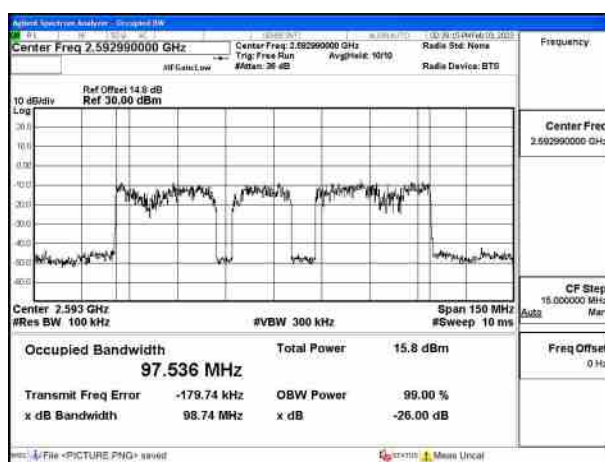


Fig.42

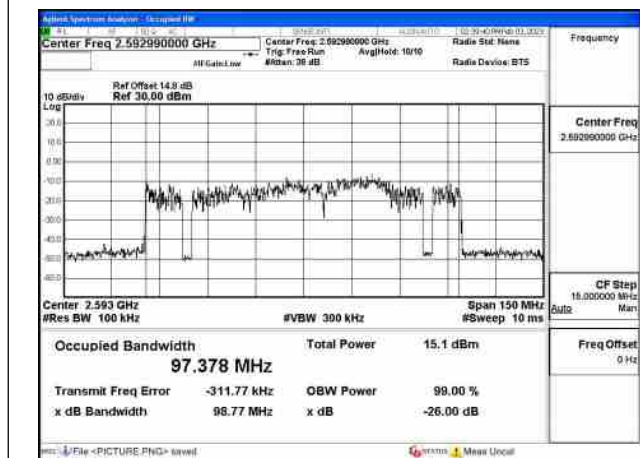


Fig.43

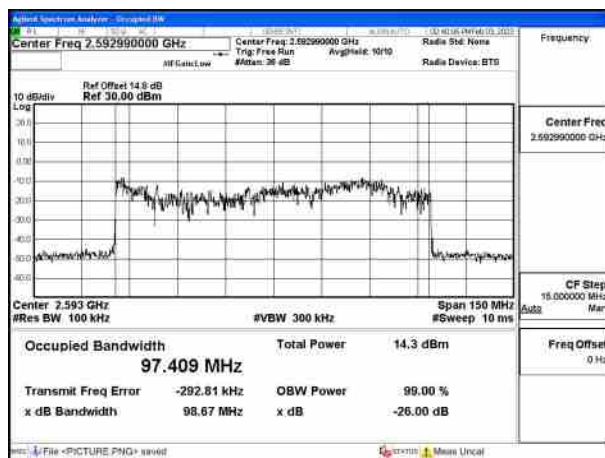


Fig.44

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	100	135	67	Fig.1
DFT-s-OFDM QPSK	2595	519000	100	135	67	Fig.2
DFT-s-OFDM 16QAM	2595	519000	100	135	67	Fig.3
DFT-s-OFDM 64QAM	2595	519000	100	135	67	Fig.4
DFT-s-OFDM 256QAM	2595	519000	100	135	67	Fig.5

Test Plot:

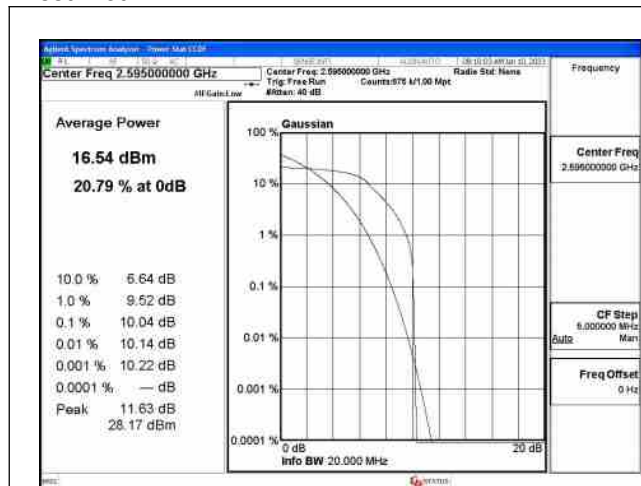


Fig.1

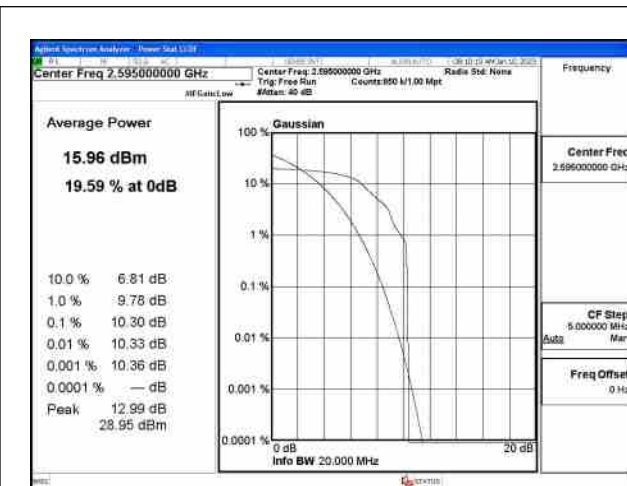


Fig.2

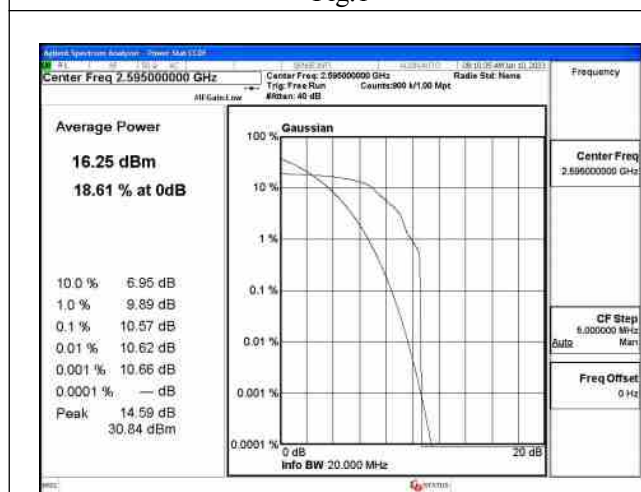


Fig.3

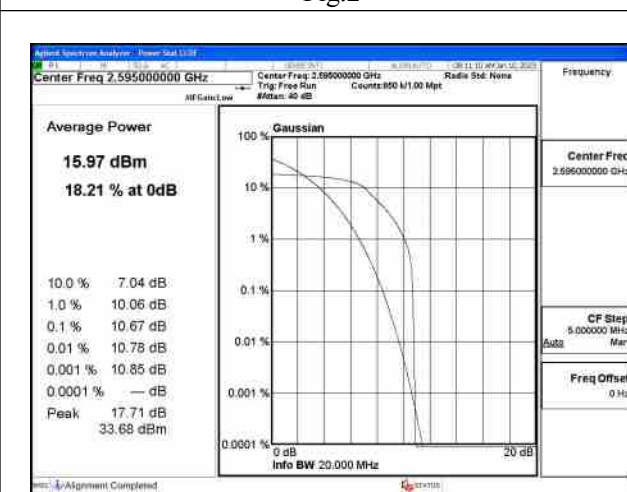
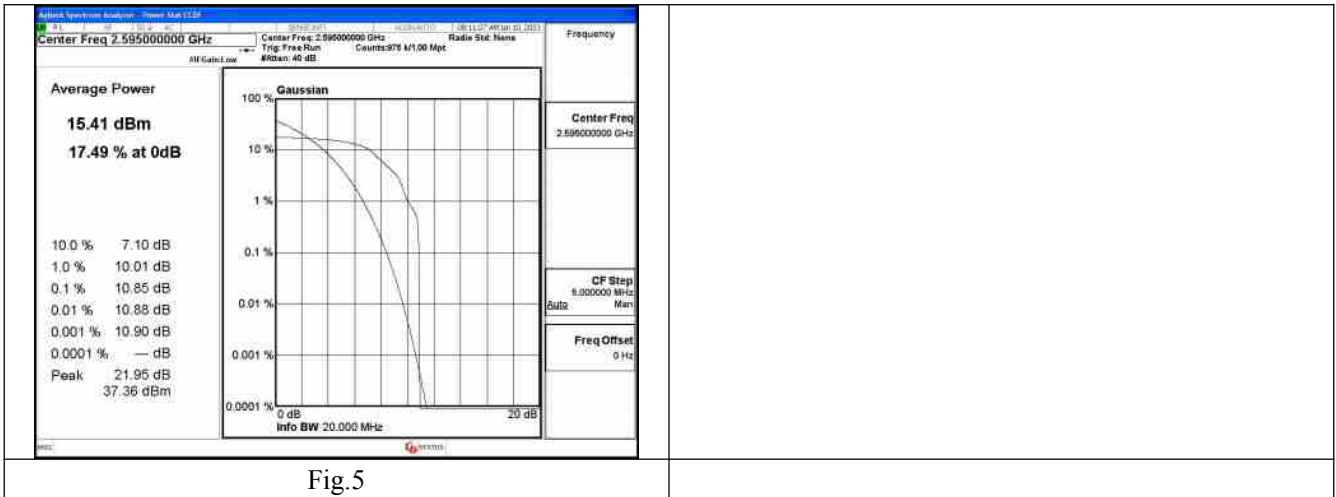


Fig.4

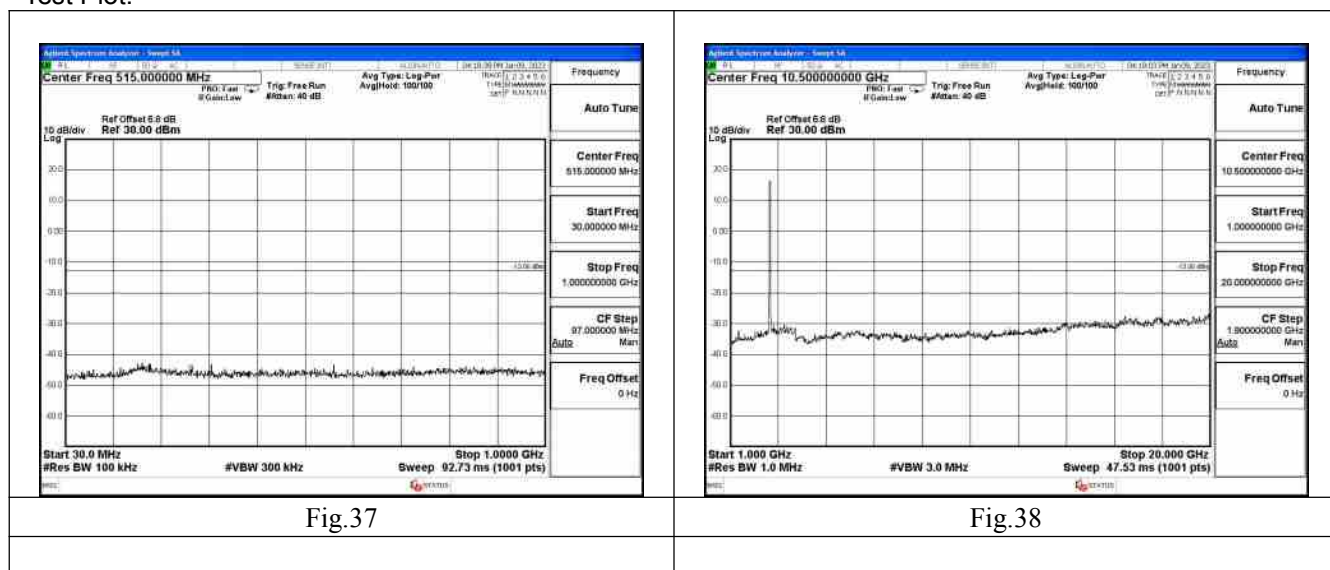


5 Spurious Emissions at antenna terminal

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted Spurious Plot	
						30M~1G	1G~20G
CP-OFDM QPSK	2506.02	501204	20	51	0	Fig.37	Fig.38
CP-OFDM QPSK	2506.02	501204	20	1	0	Fig.39	Fig.40
CP-OFDM QPSK	2506.02	501204	20	1	50	Fig.41	Fig.42
CP-OFDM QPSK	2592.99	518598	20	51	0	Fig.43	Fig.44
CP-OFDM QPSK	2592.99	518598	20	1	0	Fig.45	Fig.46
CP-OFDM QPSK	2592.99	518598	20	1	50	Fig.47	Fig.48
CP-OFDM QPSK	2679.99	535998	20	51	0	Fig.49	Fig.50
CP-OFDM QPSK	2679.99	535998	20	1	0	Fig.51	Fig.52
CP-OFDM QPSK	2679.99	535998	20	1	50	Fig.53	Fig.54
CP-OFDM QPSK	2511	502200	30	78	0	Fig.55	Fig.56
CP-OFDM QPSK	2511	502200	30	1	0	Fig.57	Fig.58
CP-OFDM QPSK	2511	502200	30	1	77	Fig.59	Fig.60
CP-OFDM QPSK	2592.99	518598	30	78	0	Fig.61	Fig.62
CP-OFDM QPSK	2592.99	518598	30	1	0	Fig.63	Fig.64
CP-OFDM QPSK	2592.99	518598	30	1	77	Fig.65	Fig.66
CP-OFDM QPSK	2674.98	534996	30	78	0	Fig.67	Fig.68
CP-OFDM QPSK	2674.98	534996	30	1	0	Fig.69	Fig.70
CP-OFDM QPSK	2674.98	534996	30	1	77	Fig.71	Fig.72
CP-OFDM QPSK	2516.01	503202	40	106	0	Fig.73	Fig.74
CP-OFDM QPSK	2516.01	503202	40	1	0	Fig.75	Fig.76
CP-OFDM QPSK	2516.01	503202	40	1	105	Fig.77	Fig.78
CP-OFDM QPSK	2592.99	518598	40	106	0	Fig.79	Fig.80
CP-OFDM QPSK	2592.99	518598	40	1	0	Fig.81	Fig.82
CP-OFDM QPSK	2592.99	518598	40	1	105	Fig.83	Fig.84
CP-OFDM QPSK	2670	534000	40	106	0	Fig.85	Fig.86
CP-OFDM QPSK	2670	534000	40	1	0	Fig.87	Fig.88
CP-OFDM QPSK	2670	534000	40	1	105	Fig.89	Fig.90
CP-OFDM QPSK	2521.02	504204	50	133	0	Fig.91	Fig.92
CP-OFDM QPSK	2521.02	504204	50	1	0	Fig.93	Fig.94
CP-OFDM QPSK	2521.02	504204	50	1	132	Fig.95	Fig.96
CP-OFDM QPSK	2592.99	518598	50	133	0	Fig.97	Fig.98
CP-OFDM QPSK	2592.99	518598	50	1	0	Fig.99	Fig.100
CP-OFDM QPSK	2592.99	518598	50	1	132	Fig.101	Fig.102
CP-OFDM QPSK	2664.99	532998	50	133	0	Fig.103	Fig.104
CP-OFDM QPSK	2664.99	532998	50	1	0	Fig.105	Fig.106
CP-OFDM QPSK	2664.99	532998	50	1	132	Fig.107	Fig.108
CP-OFDM QPSK	2526	505200	60	162	0	Fig.109	Fig.110
CP-OFDM QPSK	2526	505200	60	1	0	Fig.111	Fig.112
CP-OFDM QPSK	2526	505200	60	1	161	Fig.113	Fig.114
CP-OFDM QPSK	2592.99	518598	60	162	0	Fig.115	Fig.116
CP-OFDM QPSK	2592.99	518598	60	1	0	Fig.117	Fig.118
CP-OFDM QPSK	2592.99	518598	60	1	161	Fig.119	Fig.120
CP-OFDM QPSK	2659.98	531996	60	162	0	Fig.121	Fig.122

CP-OFDM QPSK	2659.98	531996	60	1	0	Fig.123	Fig.124
CP-OFDM QPSK	2659.98	531996	60	1	161	Fig.125	Fig.126
CP-OFDM QPSK	2536.02	507204	80	217	0	Fig.127	Fig.128
CP-OFDM QPSK	2536.02	507204	80	1	0	Fig.129	Fig.130
CP-OFDM QPSK	2536.02	507204	80	1	216	Fig.131	Fig.132
CP-OFDM QPSK	2592.99	518598	80	217	0	Fig.133	Fig.134
CP-OFDM QPSK	2592.99	518598	80	1	0	Fig.135	Fig.136
CP-OFDM QPSK	2592.99	518598	80	1	216	Fig.137	Fig.138
CP-OFDM QPSK	2649.99	529998	80	217	0	Fig.139	Fig.140
CP-OFDM QPSK	2649.99	529998	80	1	0	Fig.141	Fig.142
CP-OFDM QPSK	2649.99	529998	80	1	216	Fig.143	Fig.144
CP-OFDM QPSK	2541	508200	90	245	0	Fig.145	Fig.146
CP-OFDM QPSK	2541	508200	90	1	0	Fig.147	Fig.148
CP-OFDM QPSK	2541	508200	90	1	244	Fig.149	Fig.150
CP-OFDM QPSK	2592.99	518598	90	245	0	Fig.151	Fig.152
CP-OFDM QPSK	2592.99	518598	90	1	0	Fig.153	Fig.154
CP-OFDM QPSK	2592.99	518598	90	1	244	Fig.155	Fig.156
CP-OFDM QPSK	2644.98	528996	90	245	0	Fig.157	Fig.158
CP-OFDM QPSK	2644.98	528996	90	1	0	Fig.159	Fig.160
CP-OFDM QPSK	2644.98	528996	90	1	244	Fig.161	Fig.162
CP-OFDM QPSK	2546.01	509202	100	273	0	Fig.163	Fig.164
CP-OFDM QPSK	2546.01	509202	100	1	0	Fig.165	Fig.166
CP-OFDM QPSK	2546.01	509202	100	1	272	Fig.167	Fig.168
CP-OFDM QPSK	2592.99	518598	100	273	0	Fig.169	Fig.170
CP-OFDM QPSK	2592.99	518598	100	1	0	Fig.171	Fig.172
CP-OFDM QPSK	2592.99	518598	100	1	272	Fig.173	Fig.174
CP-OFDM QPSK	2640	528000	100	273	0	Fig.175	Fig.176
CP-OFDM QPSK	2640	528000	100	1	0	Fig.177	Fig.178
CP-OFDM QPSK	2640	528000	100	1	272	Fig.179	Fig.180

Test Plot:



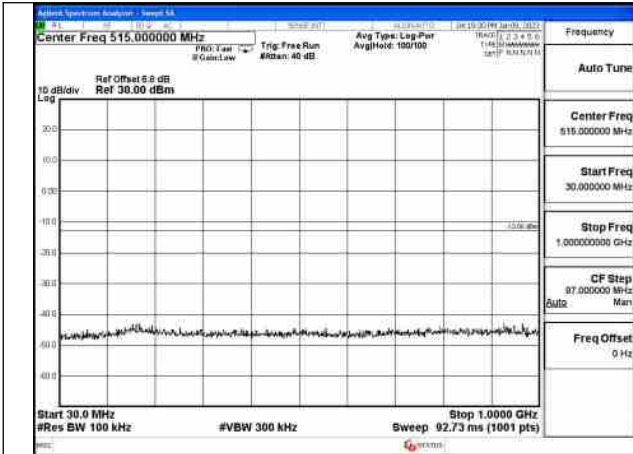


Fig.39

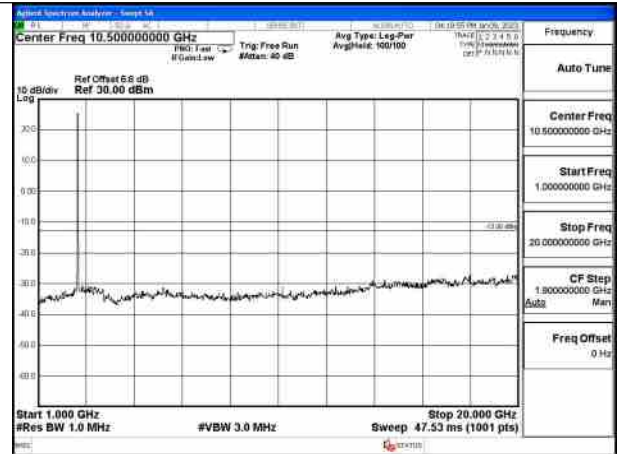


Fig.40

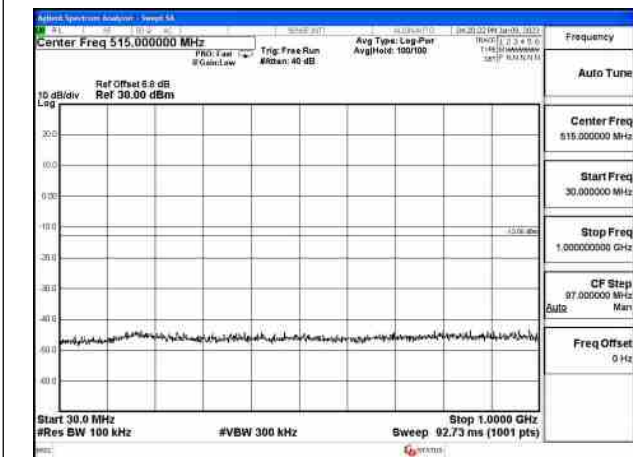


Fig.41

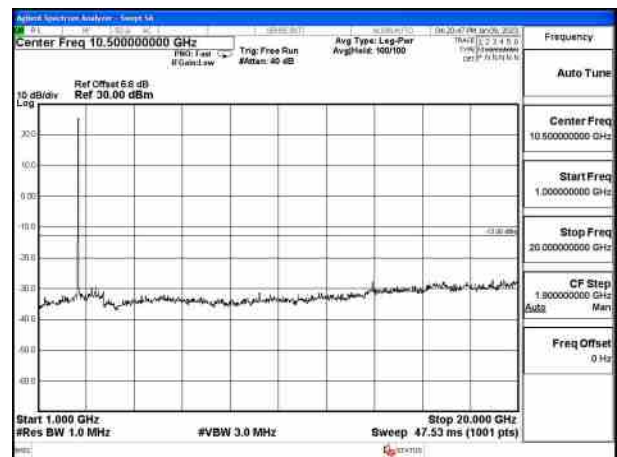


Fig.42



Fig.43

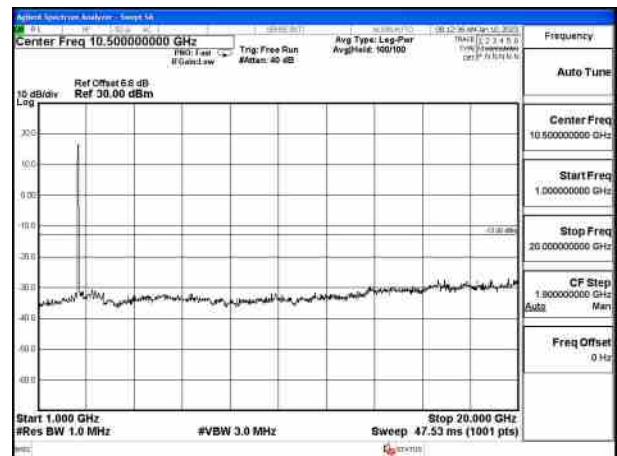


Fig.44

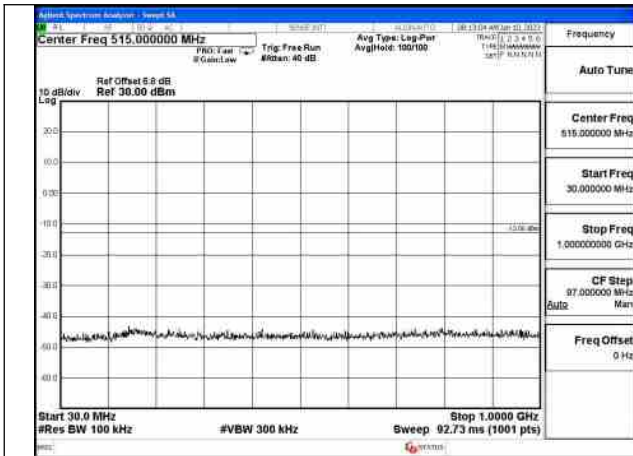


Fig.45



Fig.46

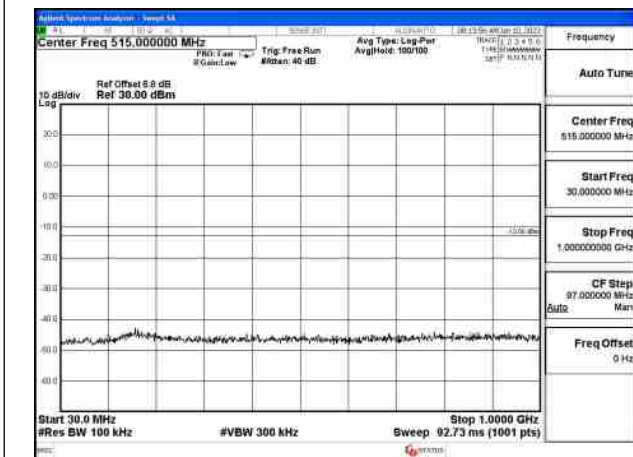


Fig.47

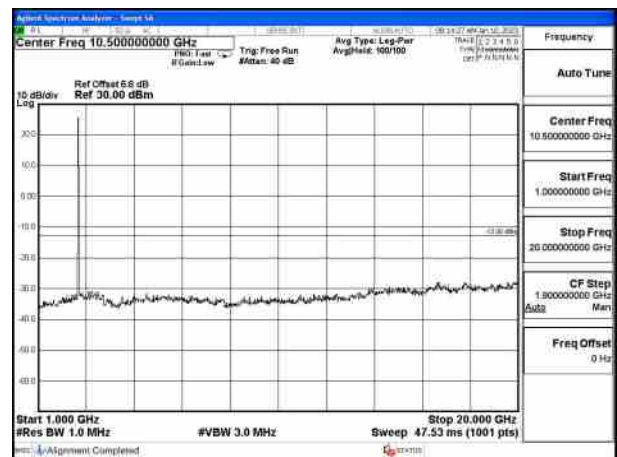


Fig.48

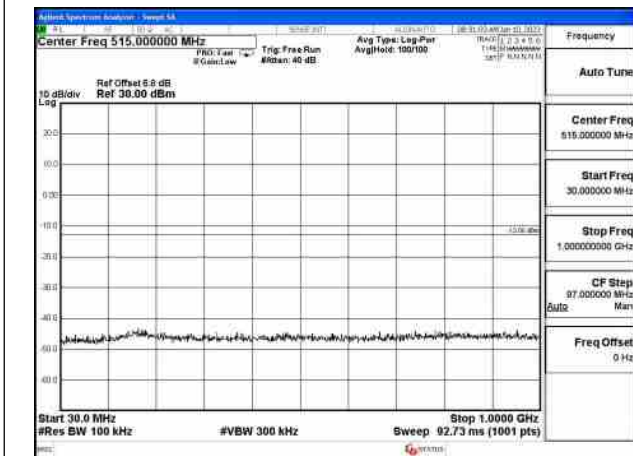


Fig.49



Fig.50

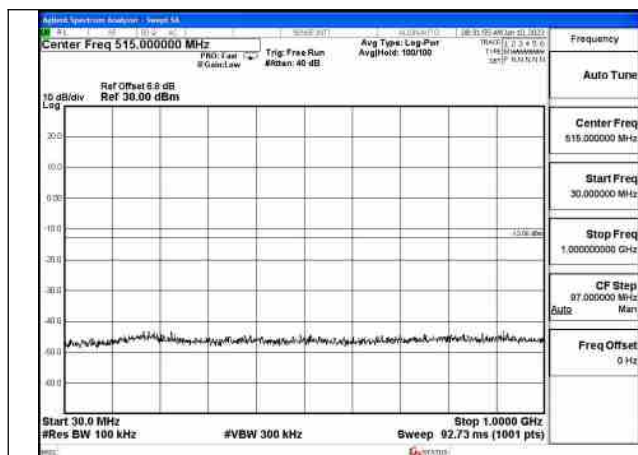


Fig.51



Fig.52



Fig.53

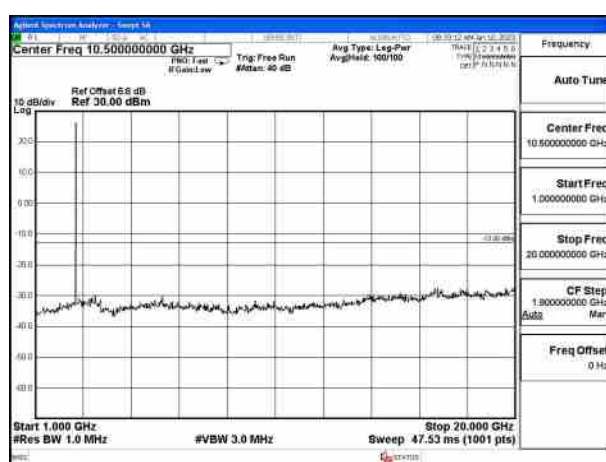


Fig.54



Fig.55

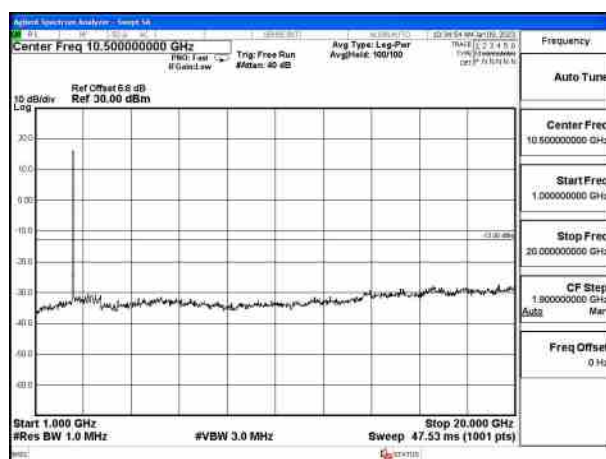


Fig.56

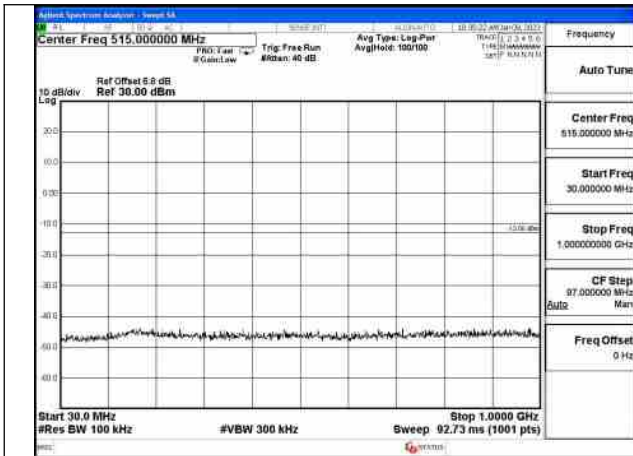


Fig.57

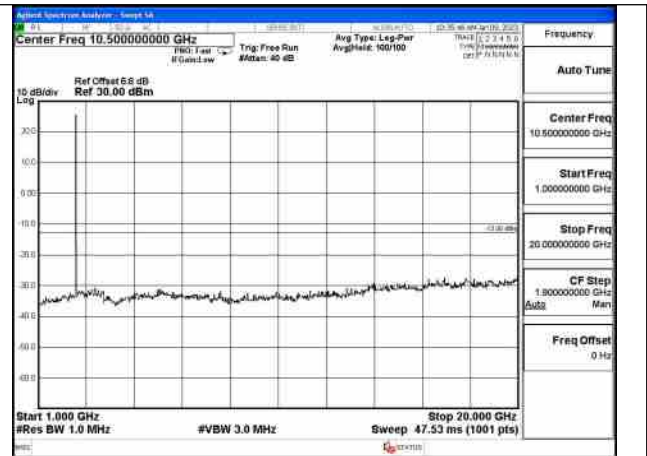


Fig.58

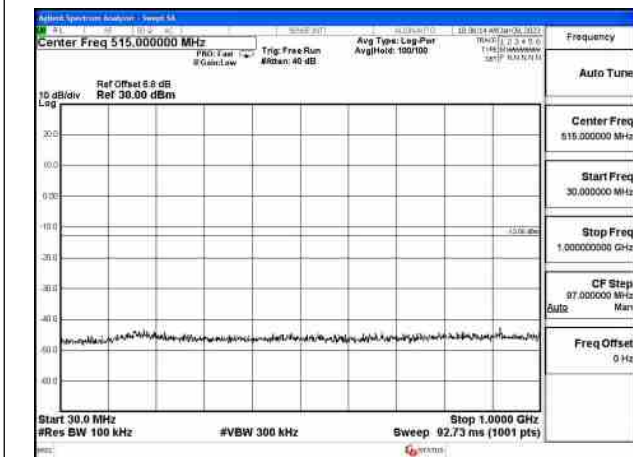


Fig.59

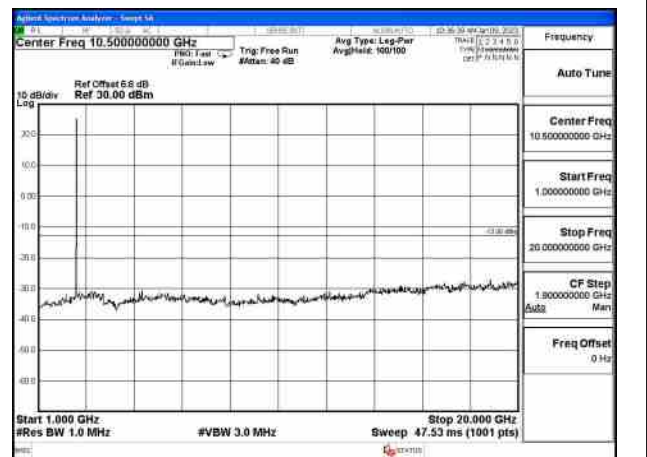


Fig.60

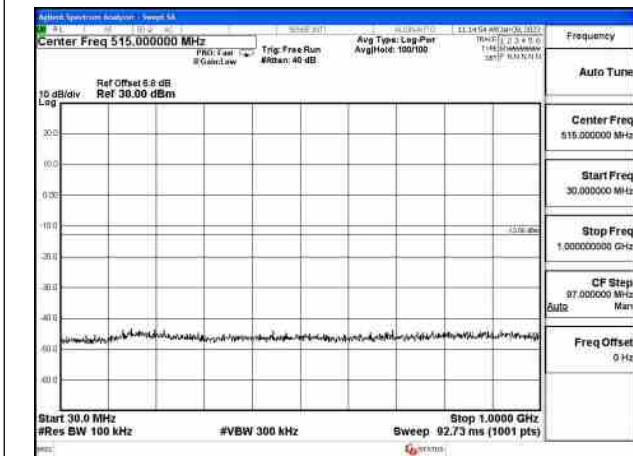


Fig.61

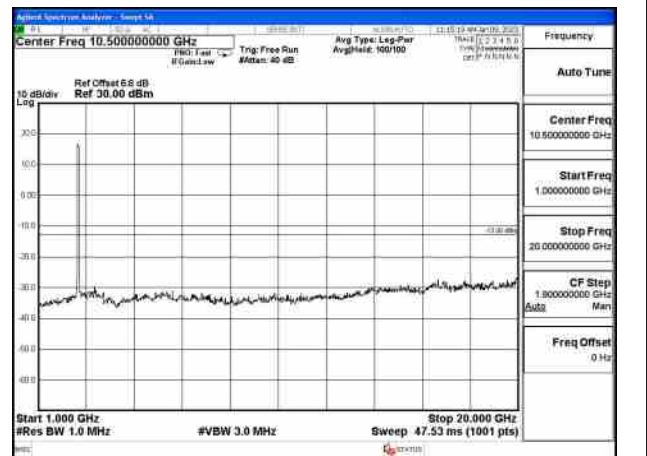


Fig.62



Fig.63



Fig.64

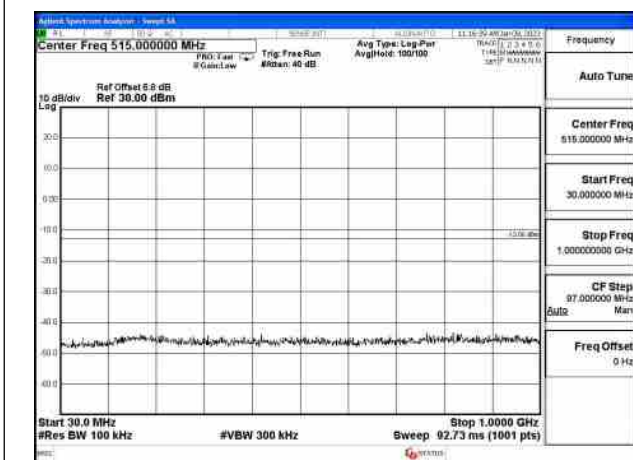


Fig.65

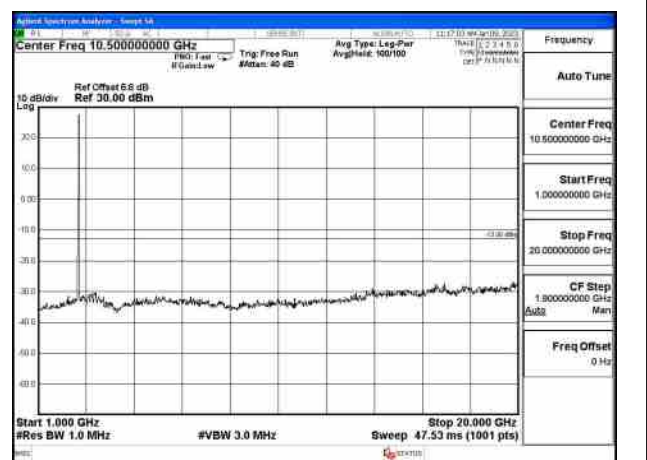


Fig.66

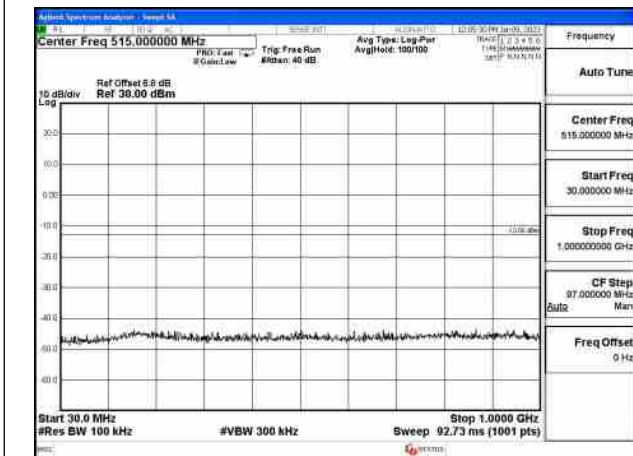


Fig.67

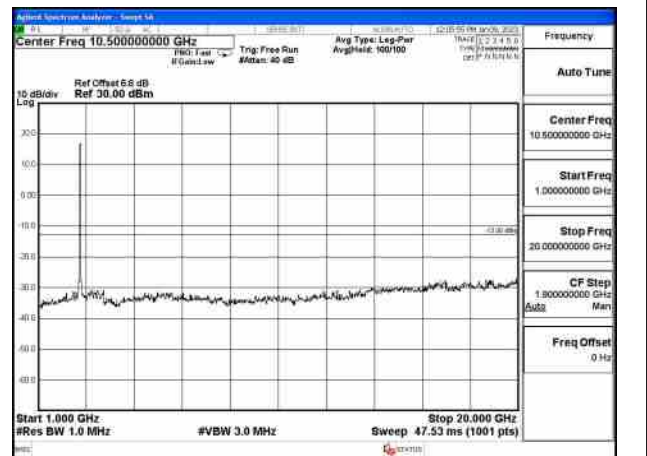


Fig.68

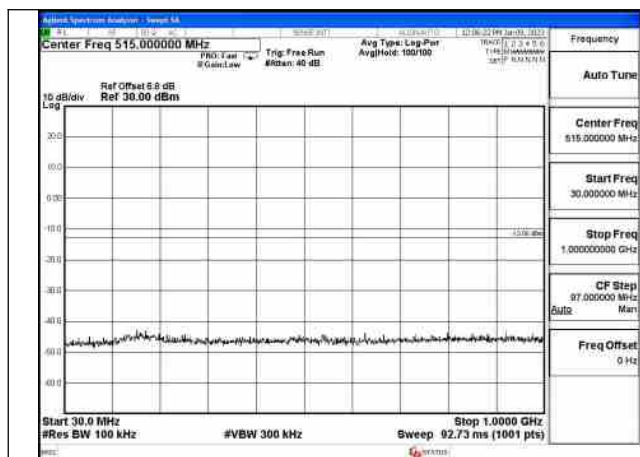


Fig.69



Fig.70

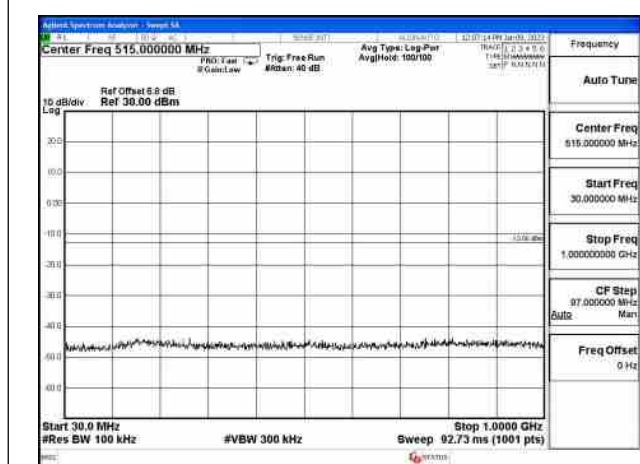


Fig.71



Fig.72

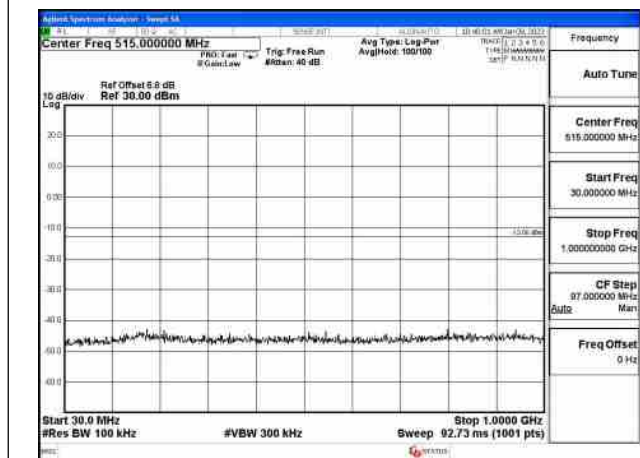


Fig.73

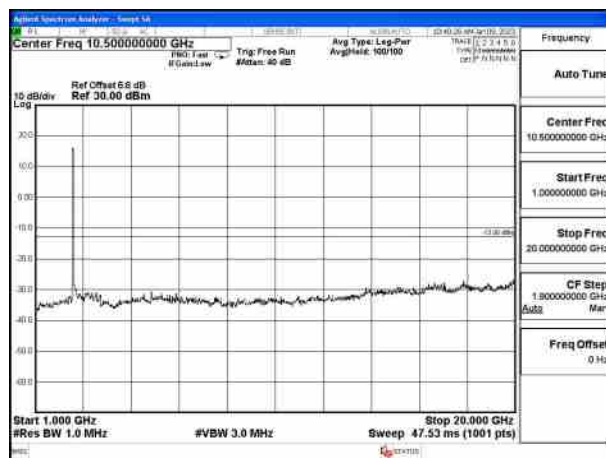


Fig.74

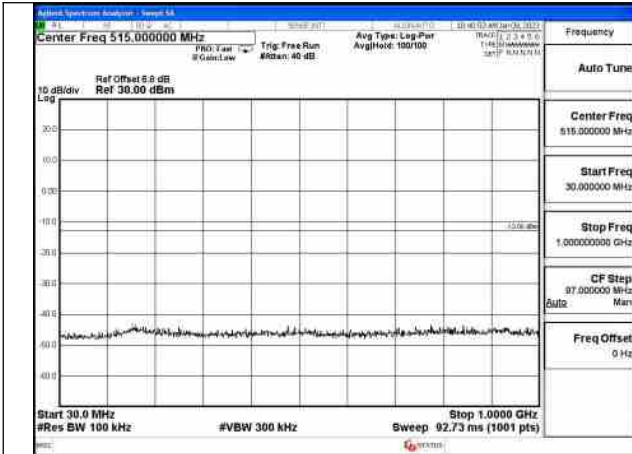


Fig.75

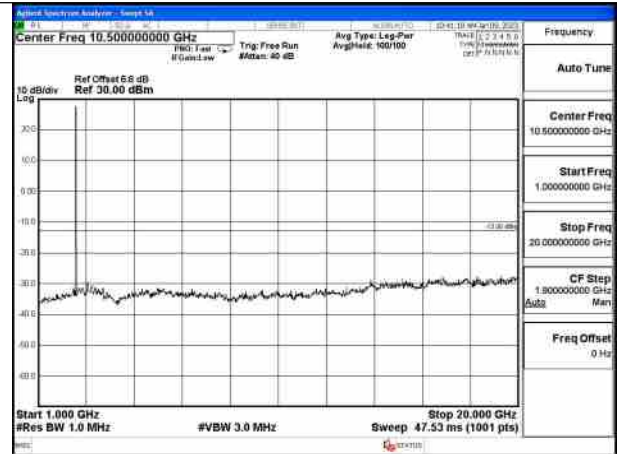


Fig.76

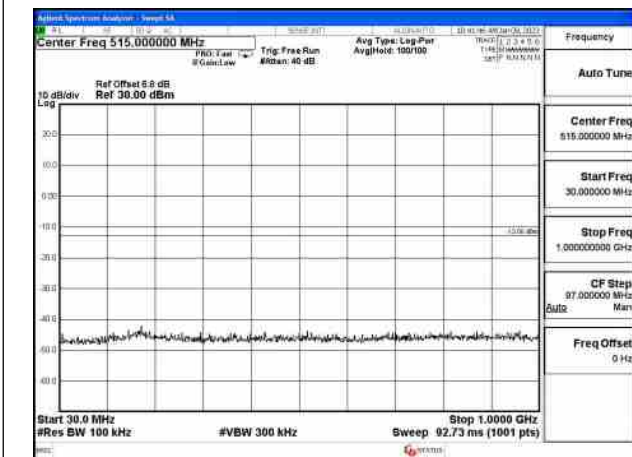


Fig.77

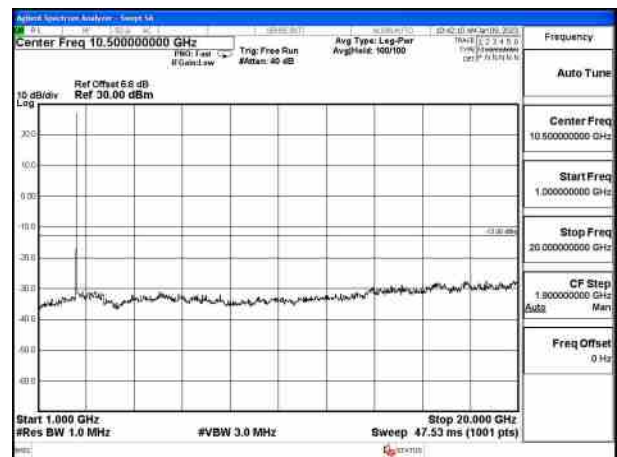


Fig.78

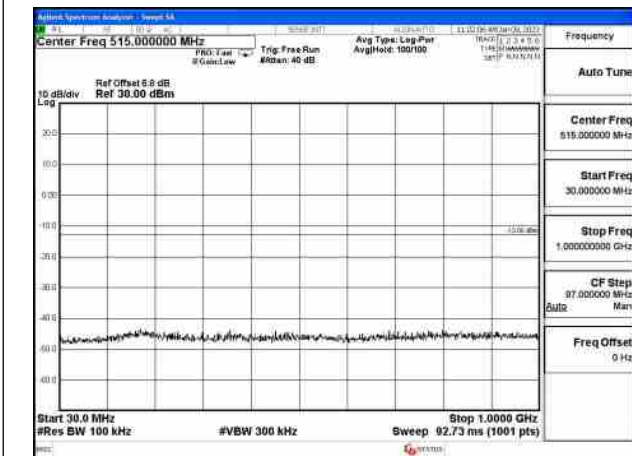


Fig.79



Fig.80

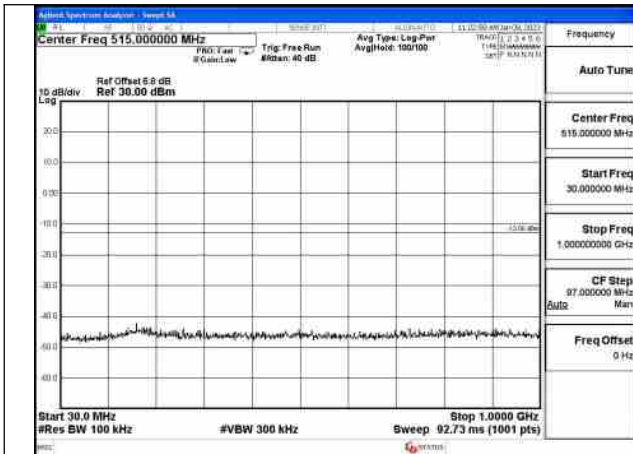


Fig.81

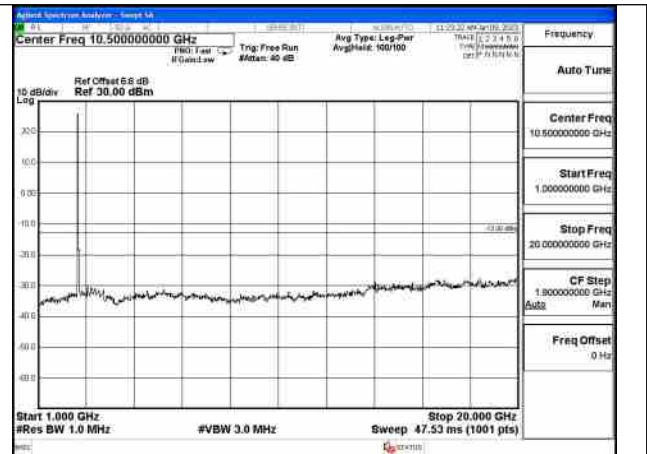


Fig.82

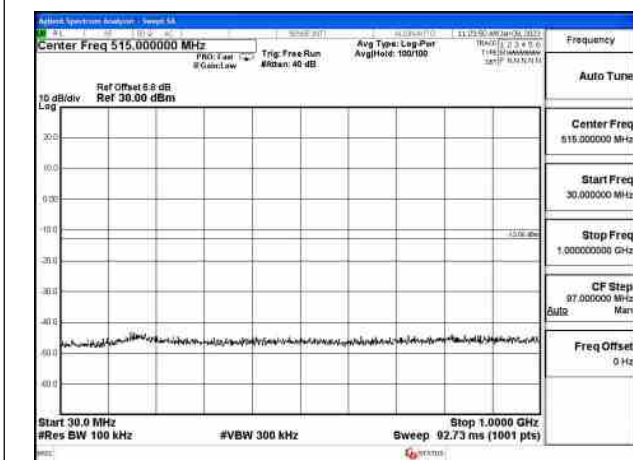


Fig.83



Fig.84

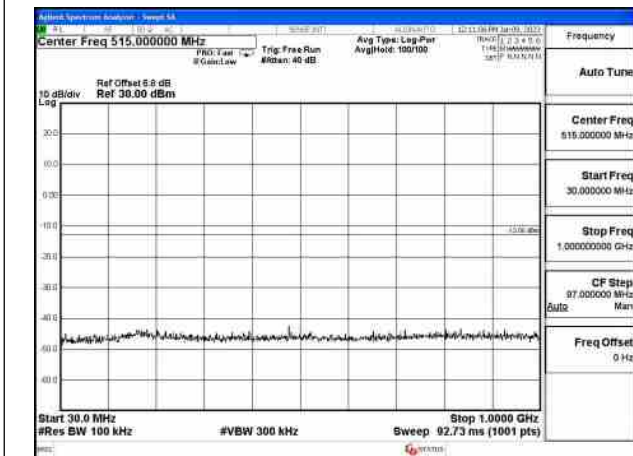


Fig.85

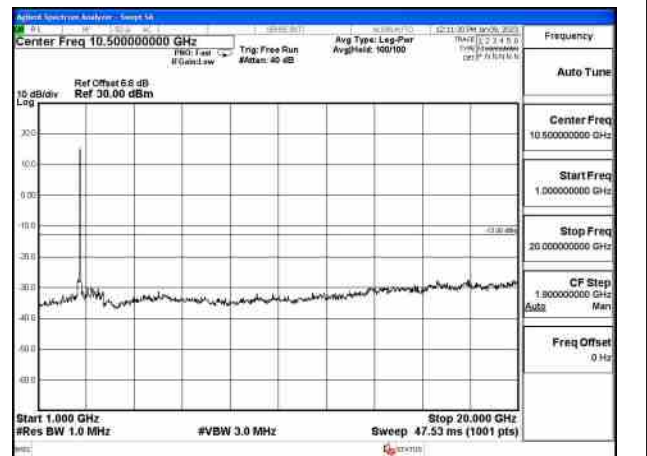


Fig.86

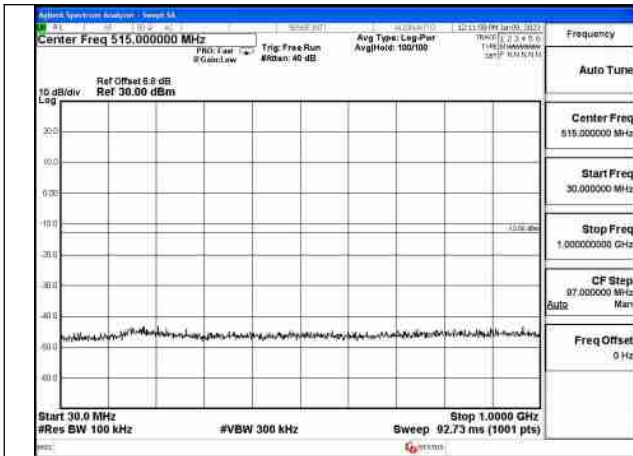


Fig.87



Fig.88

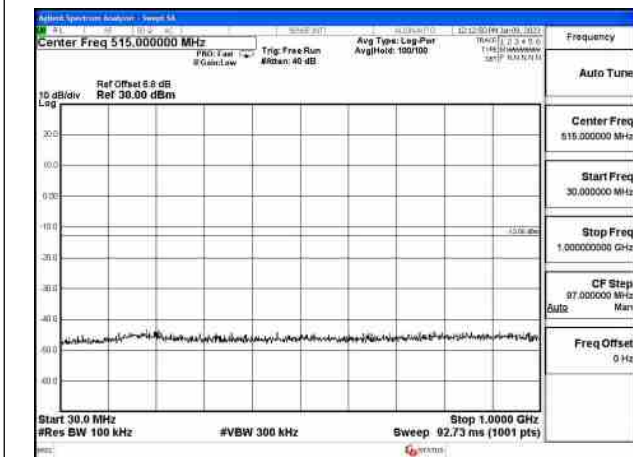


Fig.89

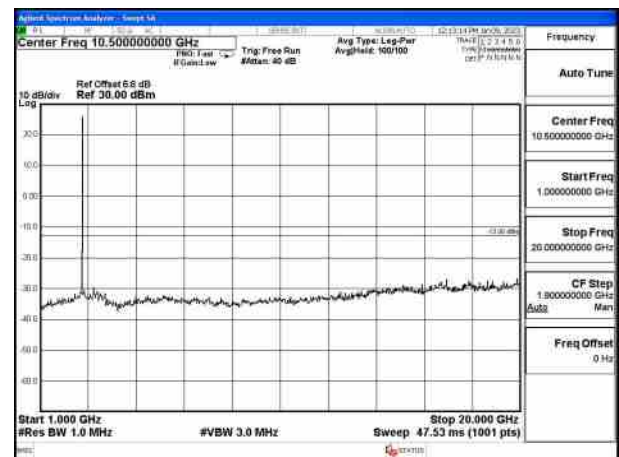


Fig.90

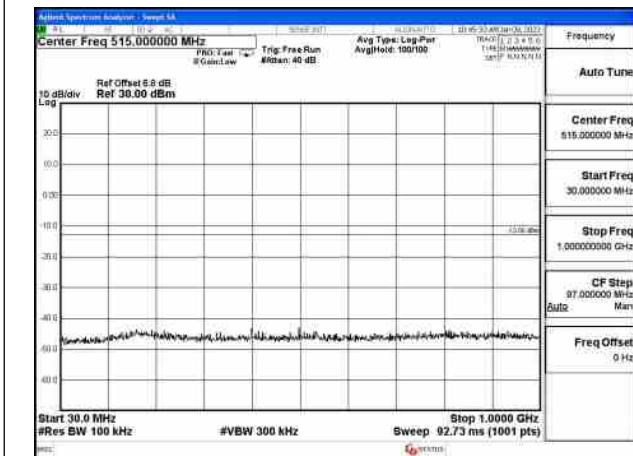


Fig.91

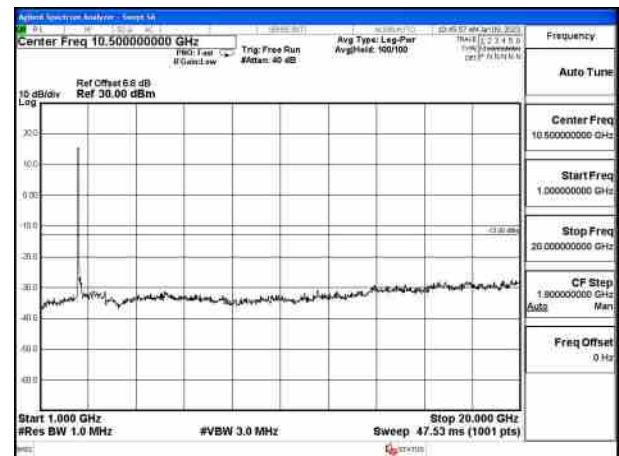


Fig.92

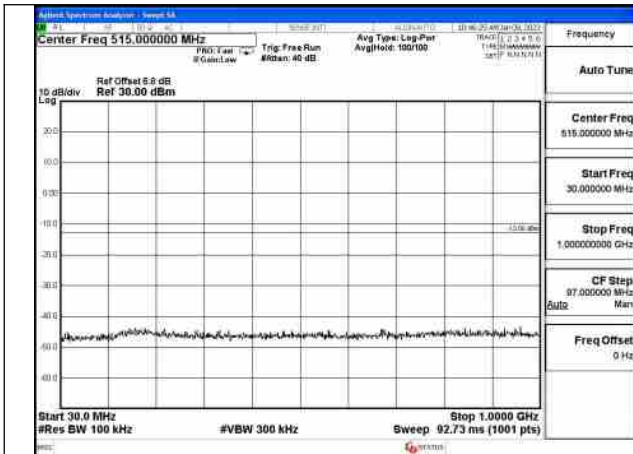


Fig.93

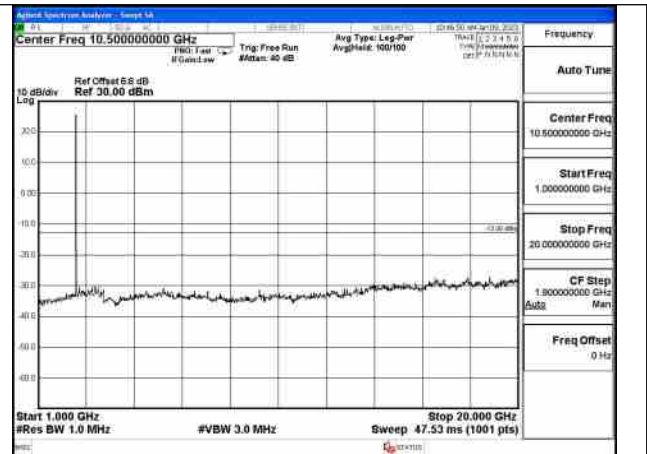


Fig.94

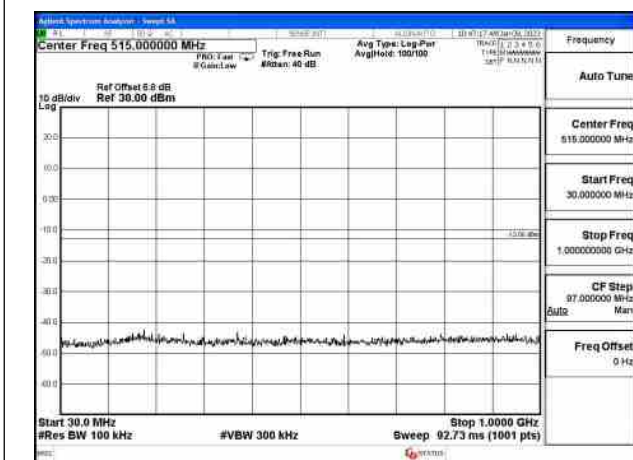


Fig.95



Fig.96



Fig.97

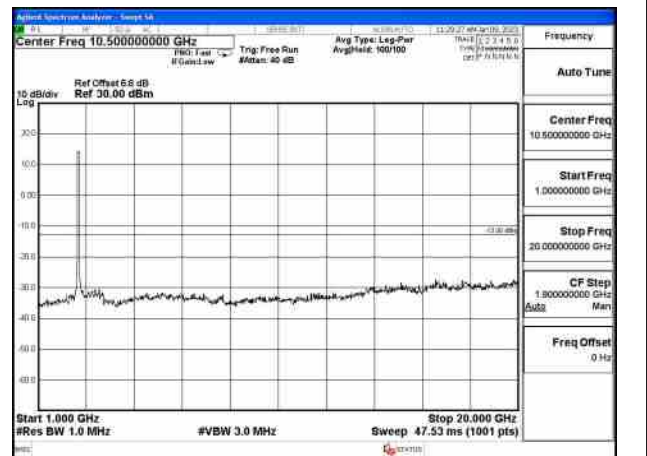


Fig.98

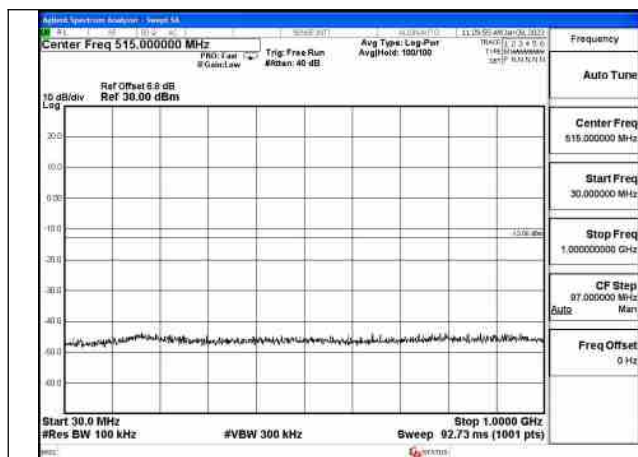


Fig.99



Fig.100



Fig.101

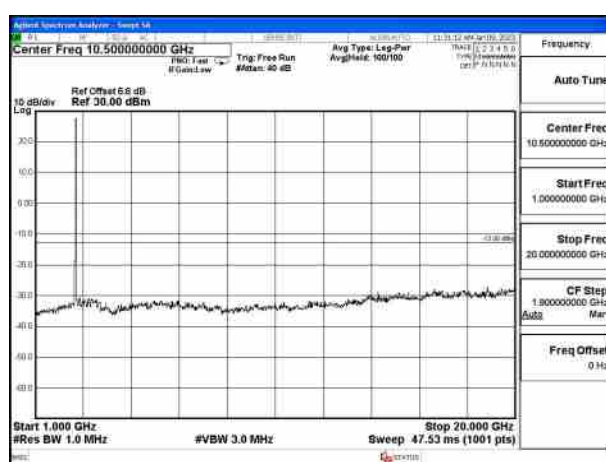


Fig.102

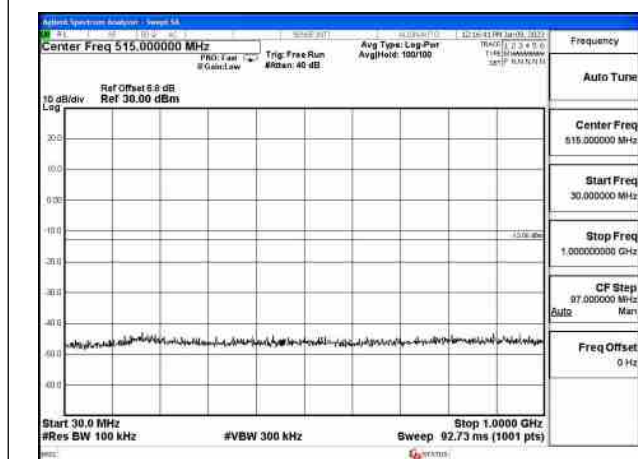


Fig.103



Fig.104

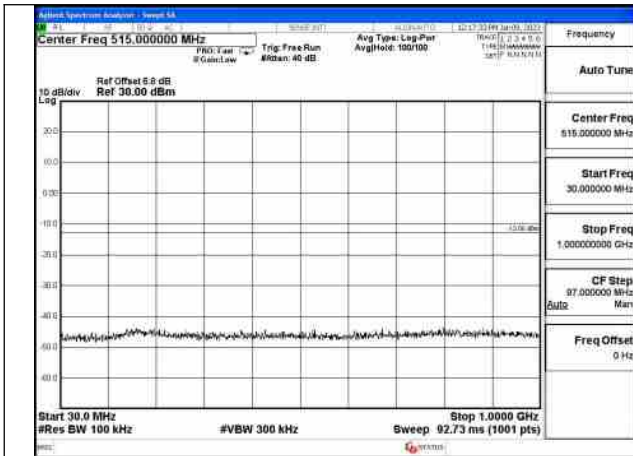


Fig.105

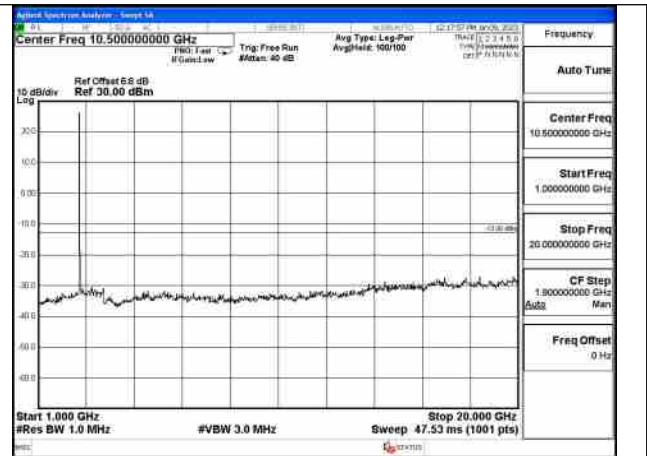


Fig.106

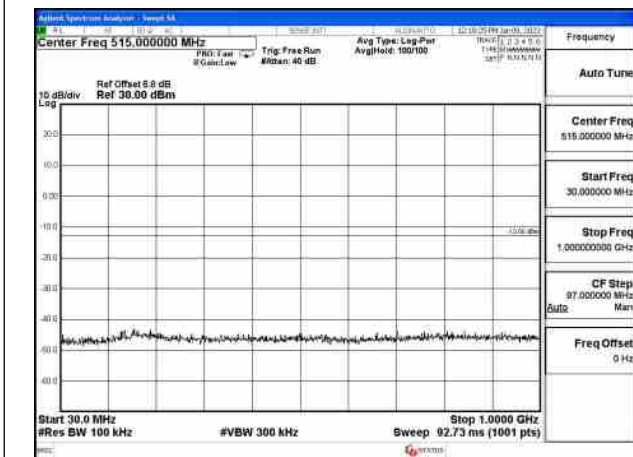


Fig.107

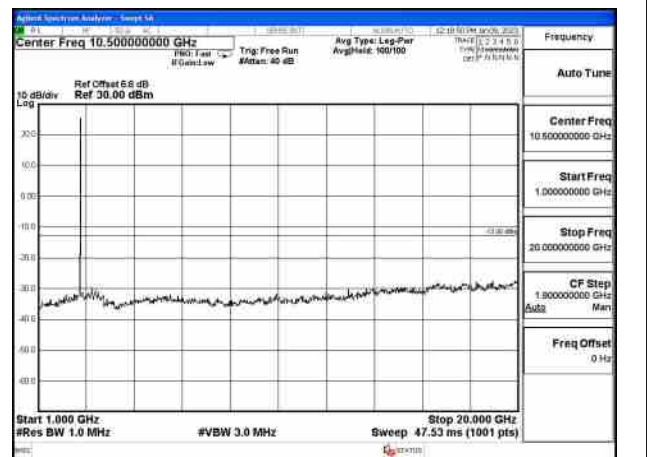


Fig.108

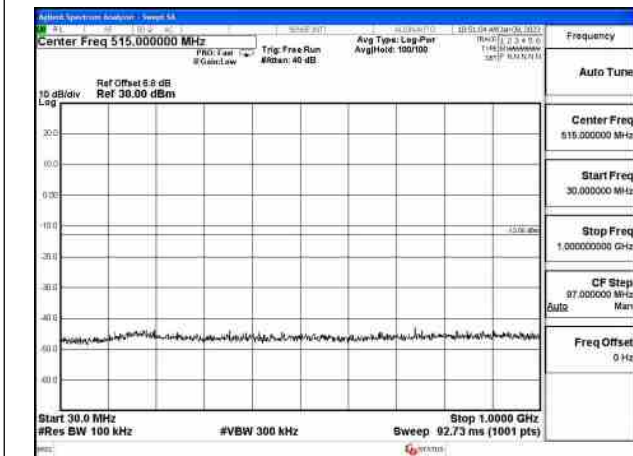


Fig.109

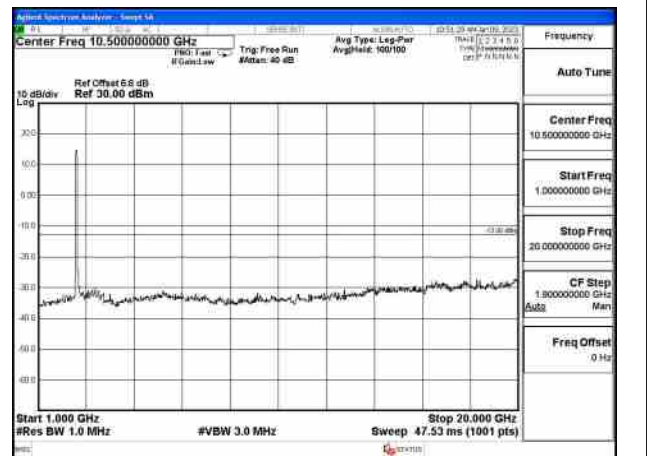


Fig.110

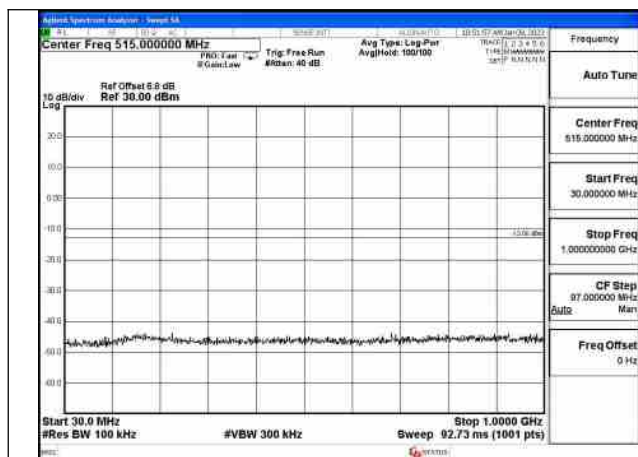


Fig.111



Fig.112



Fig.113

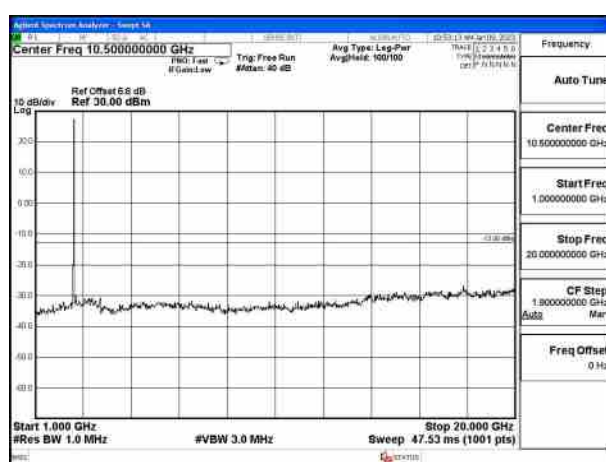


Fig.114



Fig.115



Fig.116

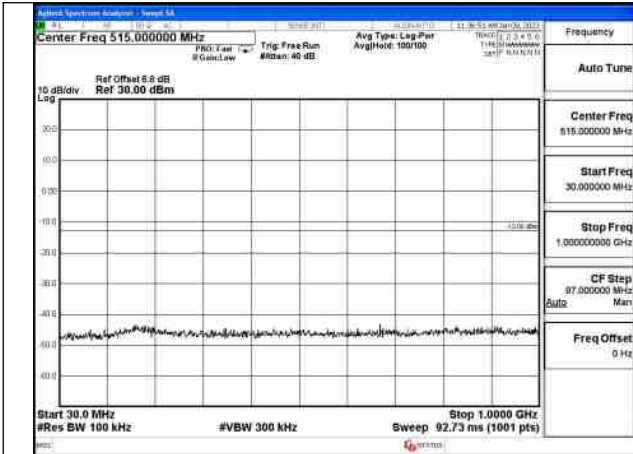


Fig.117

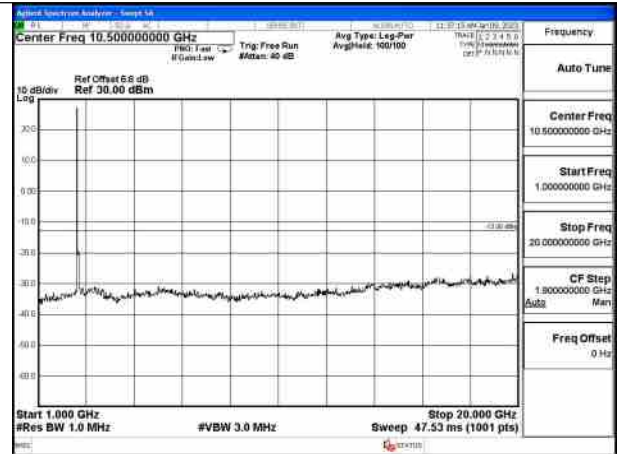


Fig.118

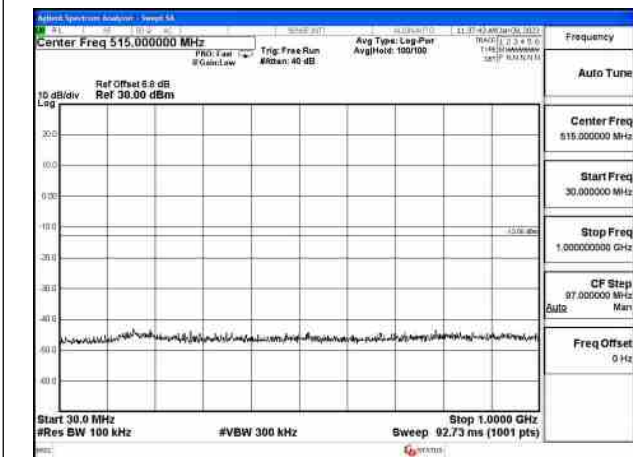


Fig.119

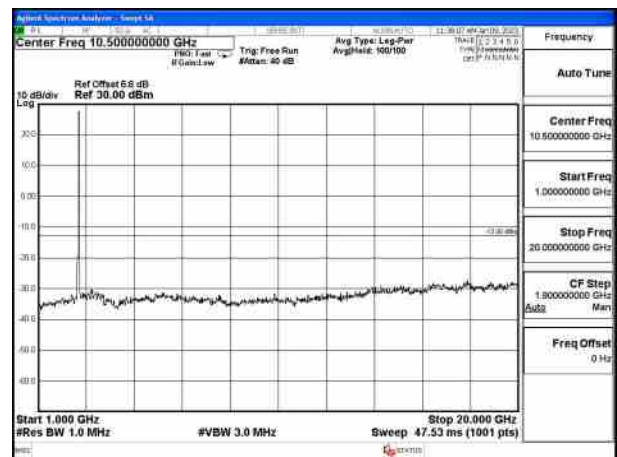


Fig.120

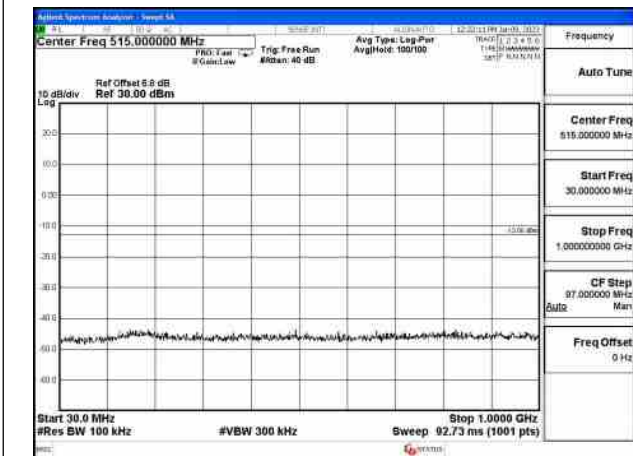


Fig.121



Fig.122

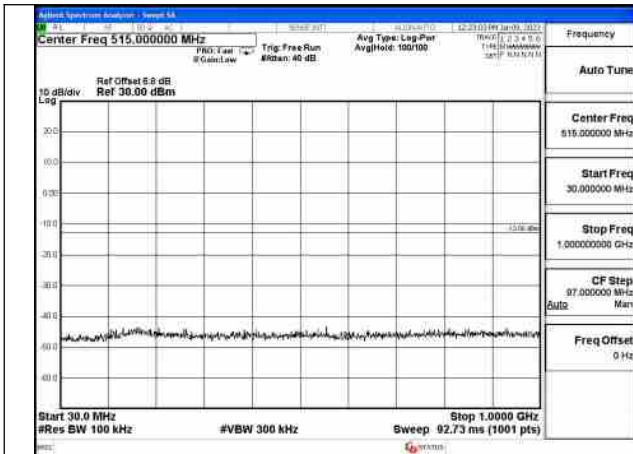


Fig.123



Fig.124

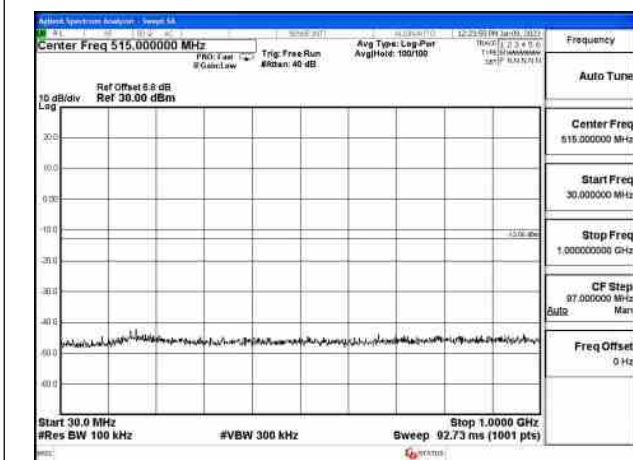


Fig.125

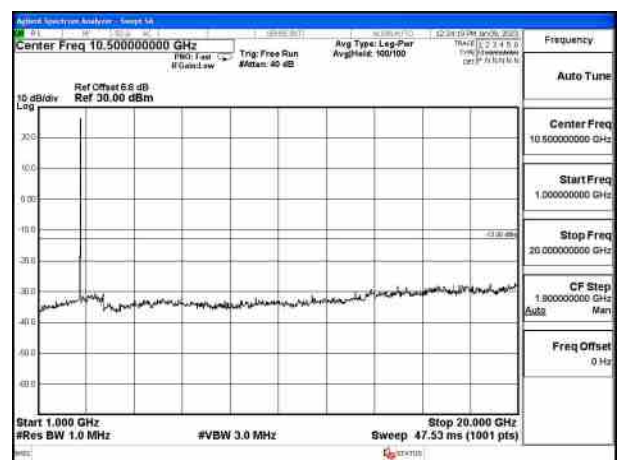


Fig.126



Fig.127



Fig.128

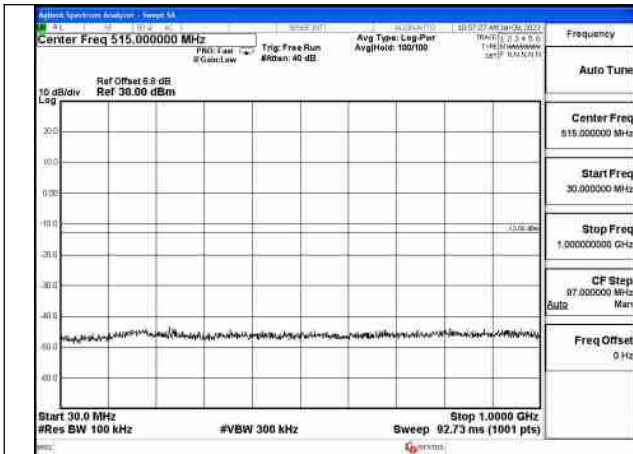


Fig.129

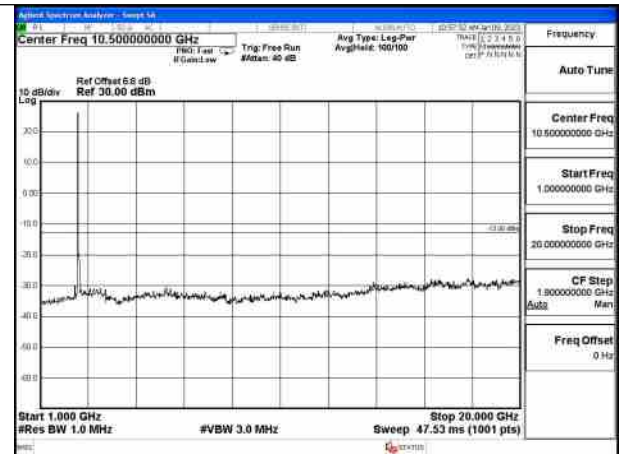


Fig.130

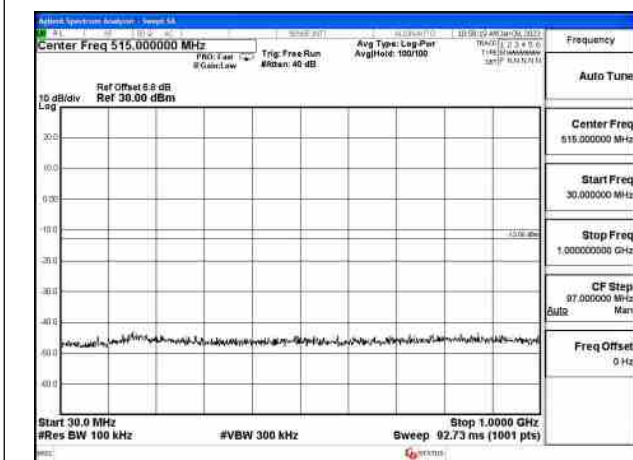


Fig.131

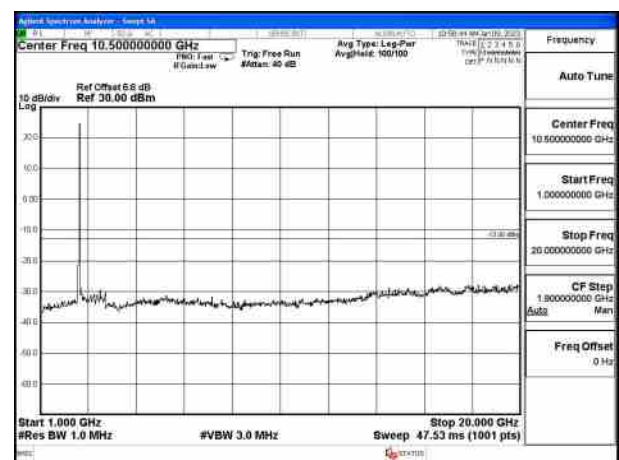


Fig.132



Fig.133



Fig.134

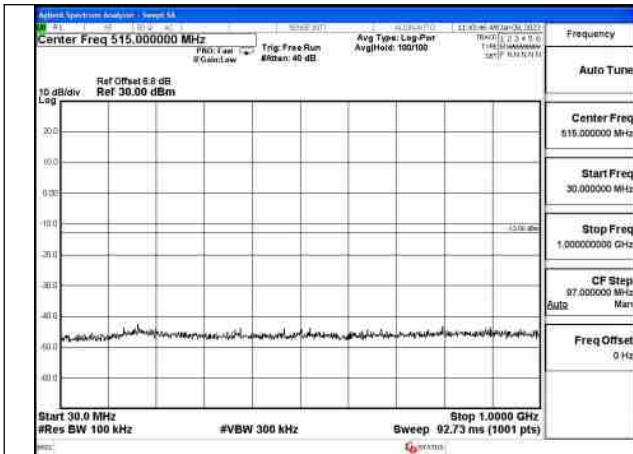


Fig.135



Fig.136

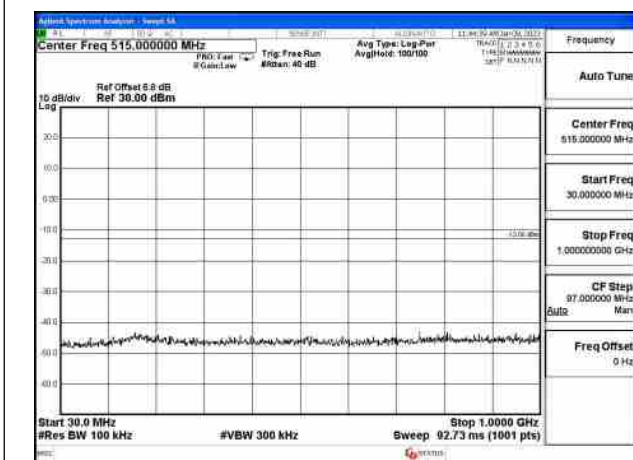


Fig.137

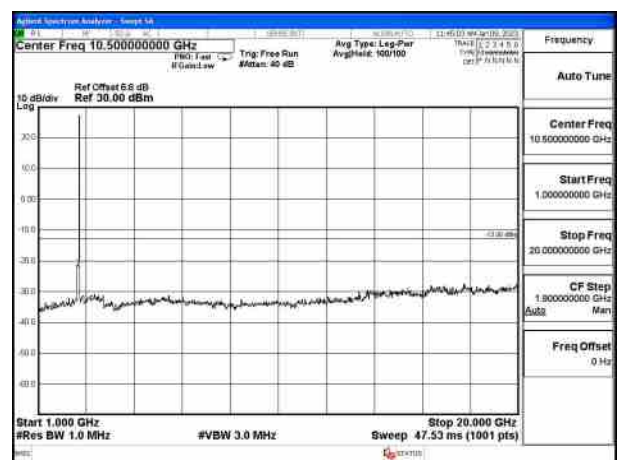


Fig.138

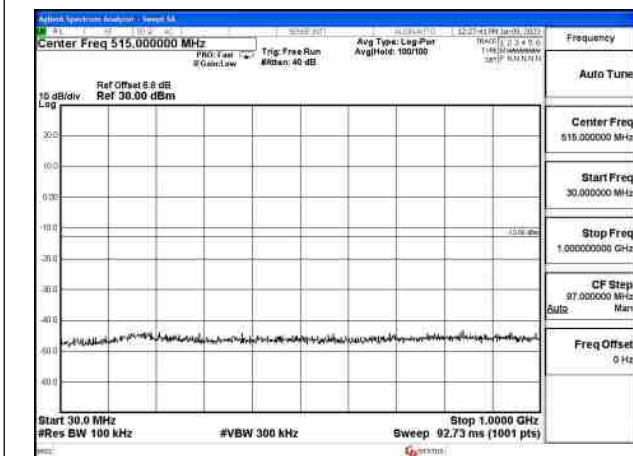


Fig.139



Fig.140

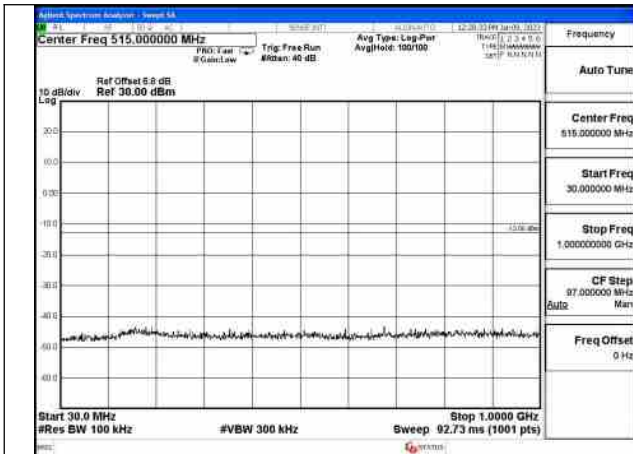


Fig.141

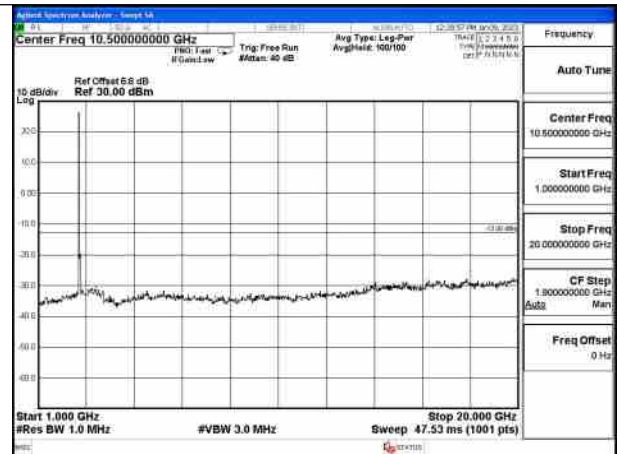


Fig.142

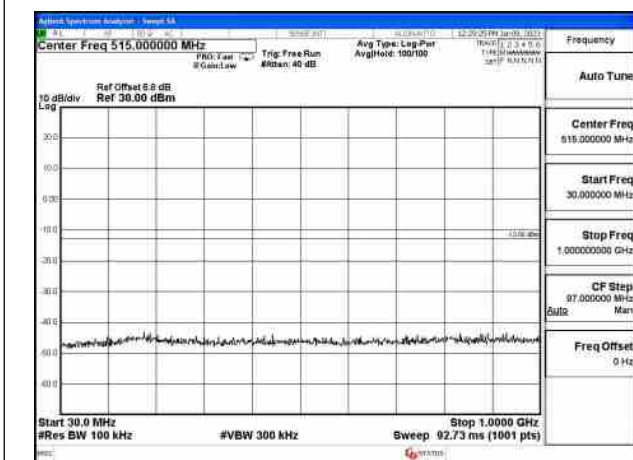


Fig.143

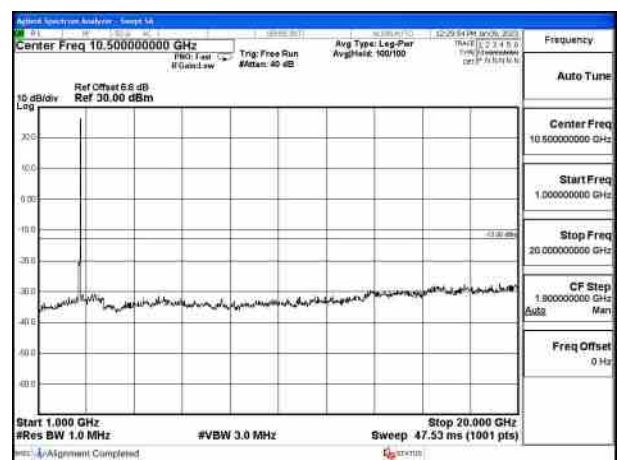


Fig.144

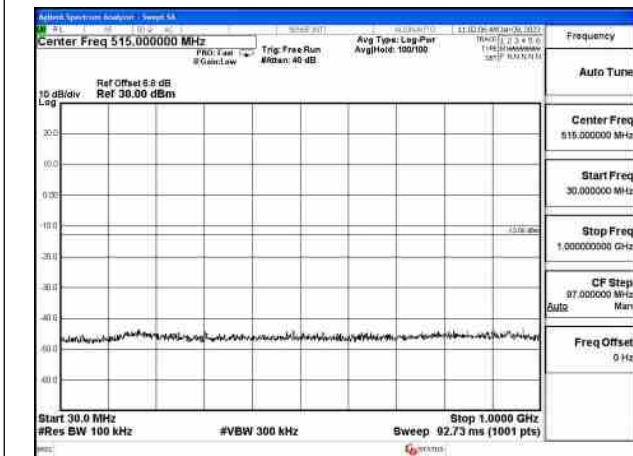


Fig.145



Fig.146

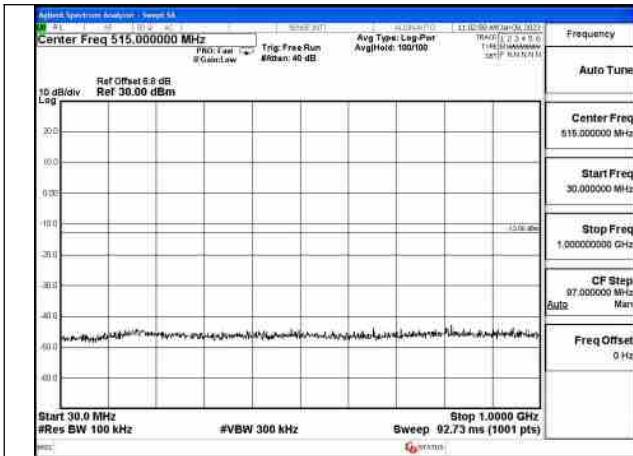


Fig.147



Fig.148

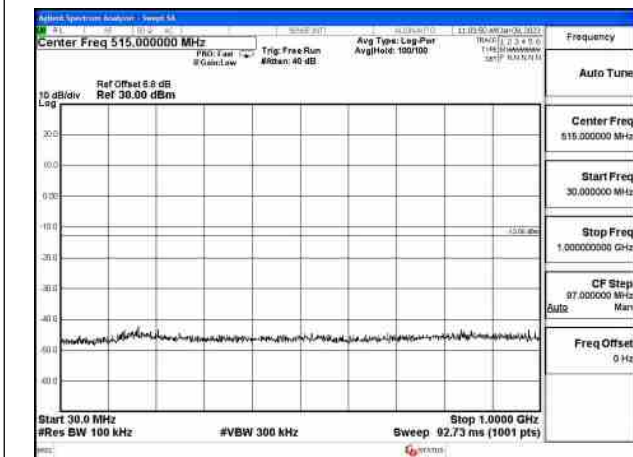


Fig.149



Fig.150

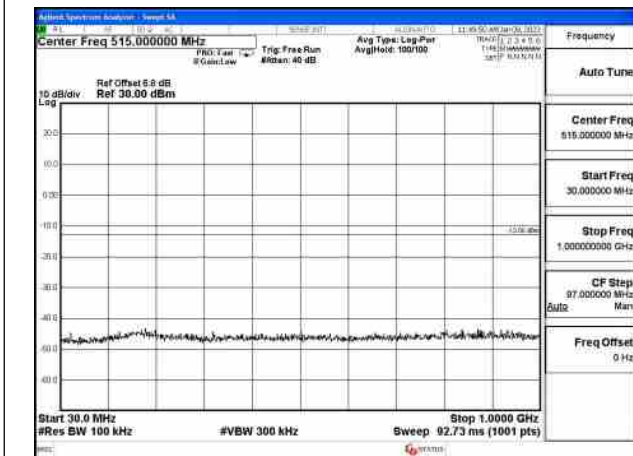


Fig.151



Fig.152

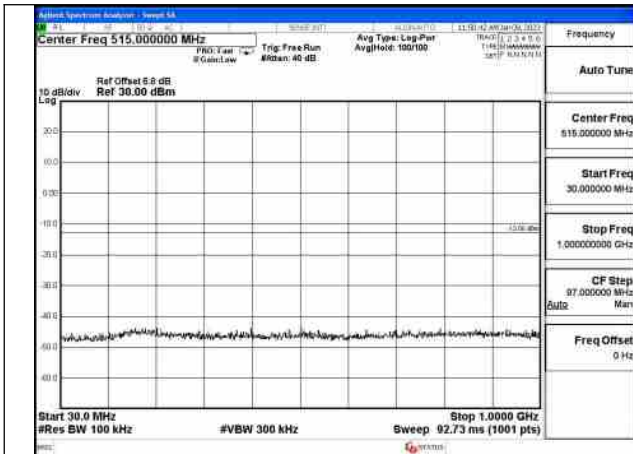


Fig.153



Fig.154

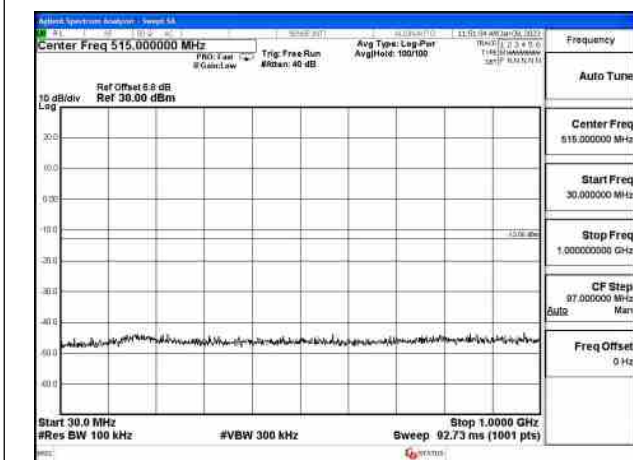


Fig.155

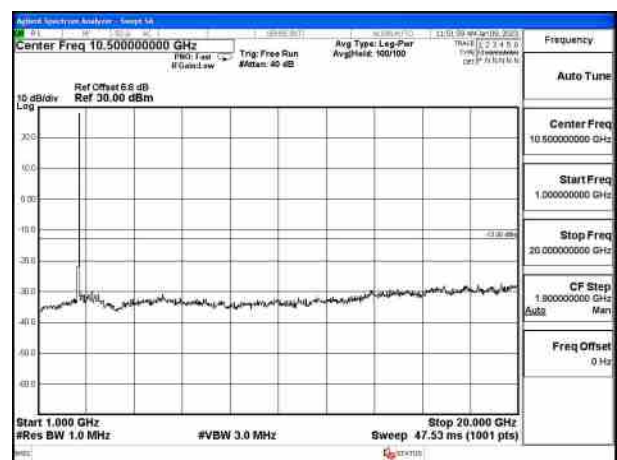


Fig.156

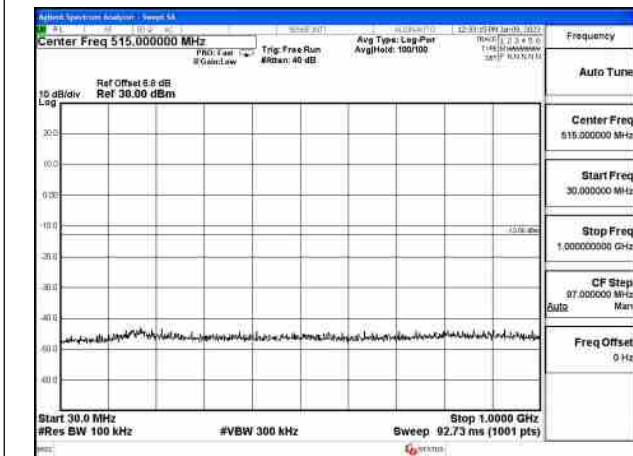


Fig.157



Fig.158

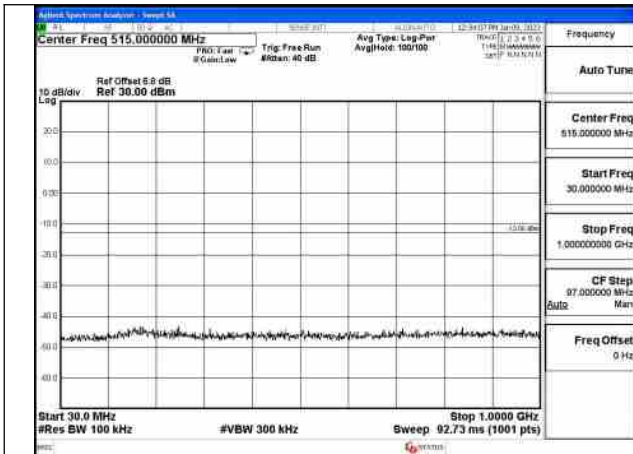


Fig.159



Fig.160

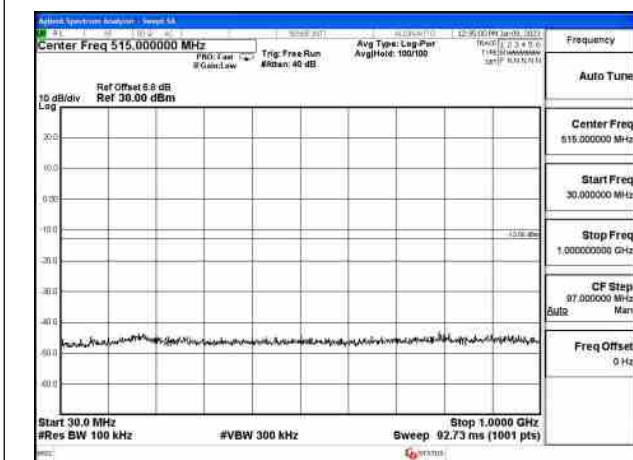


Fig.161



Fig.162

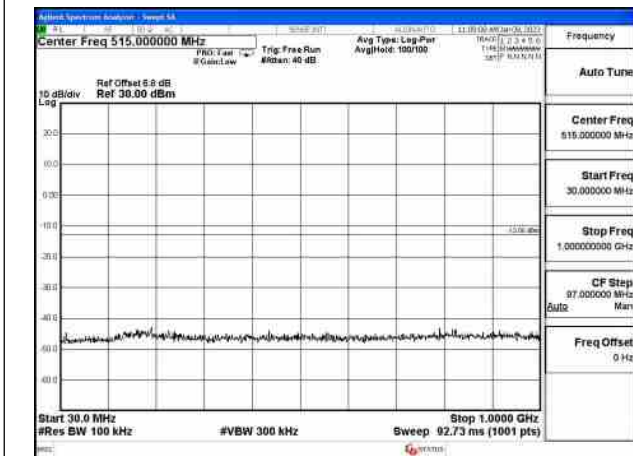


Fig.163

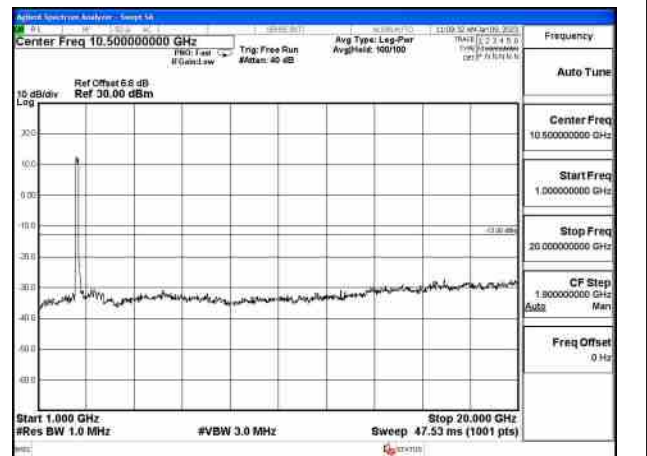


Fig.164



Fig.165

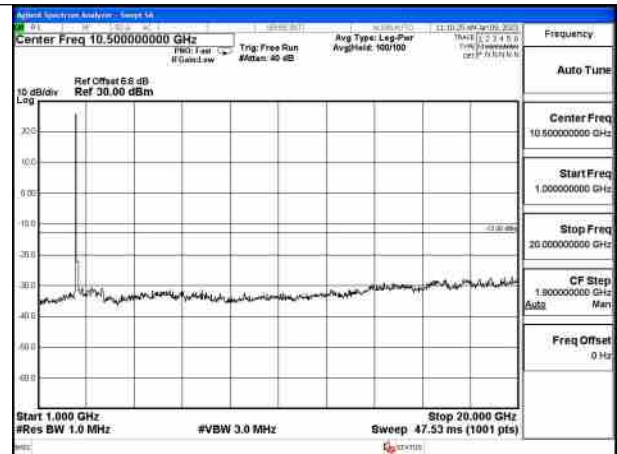


Fig.166

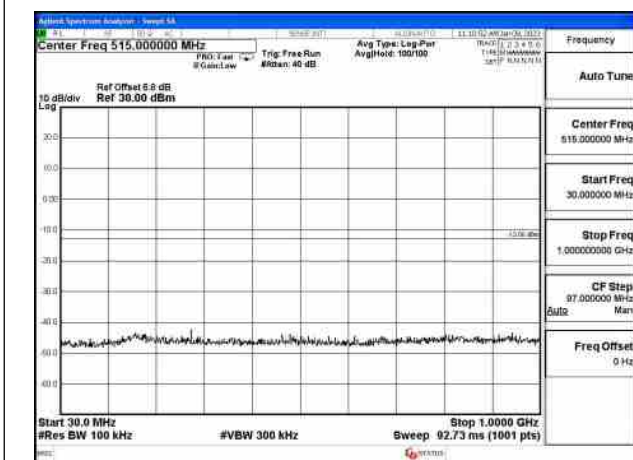


Fig.167

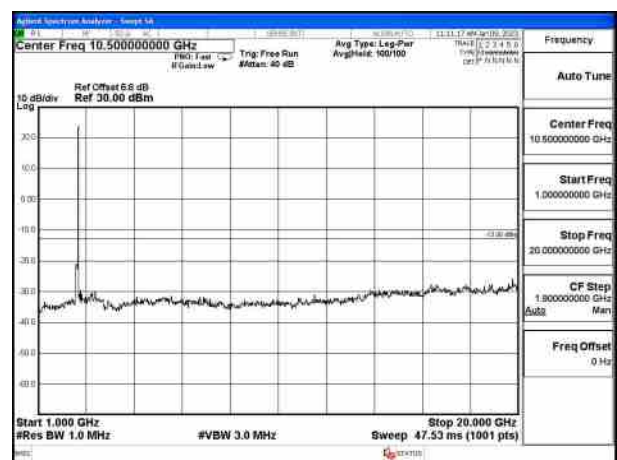


Fig.168

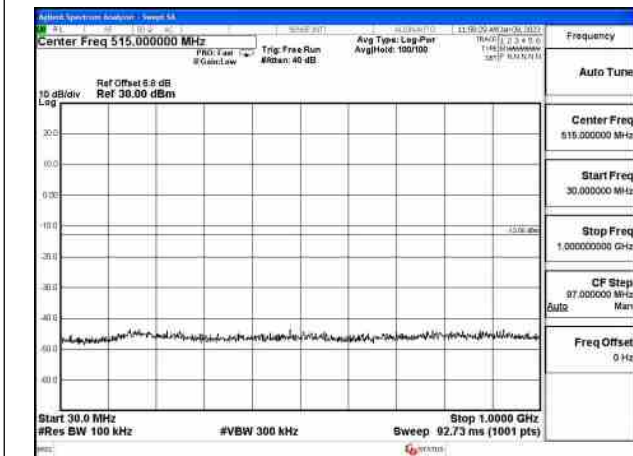


Fig.169

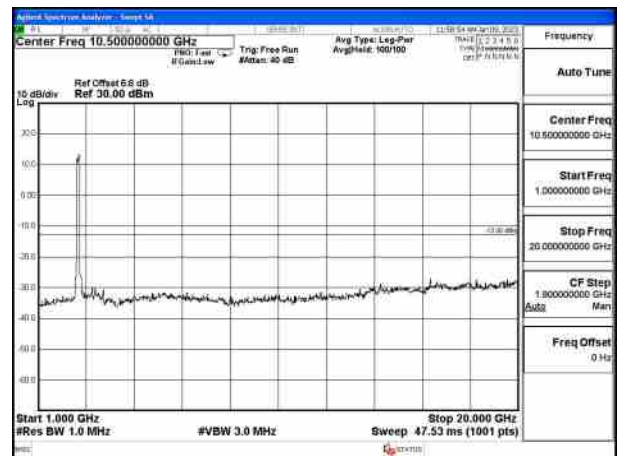


Fig.170



Fig.171

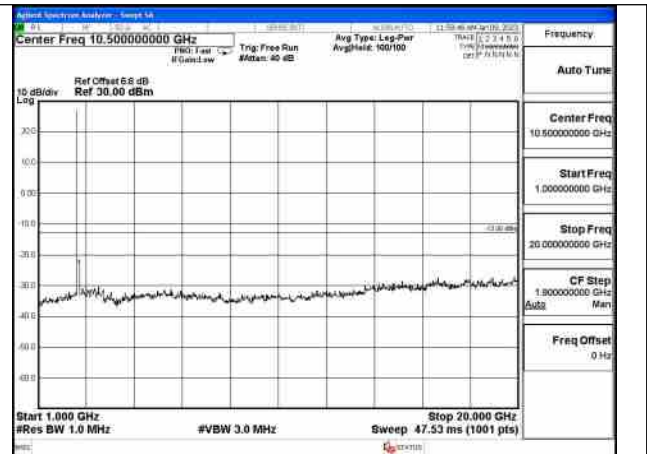


Fig.172

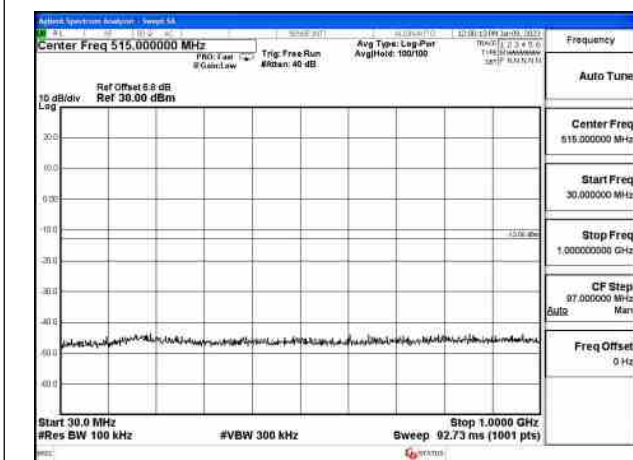


Fig.173

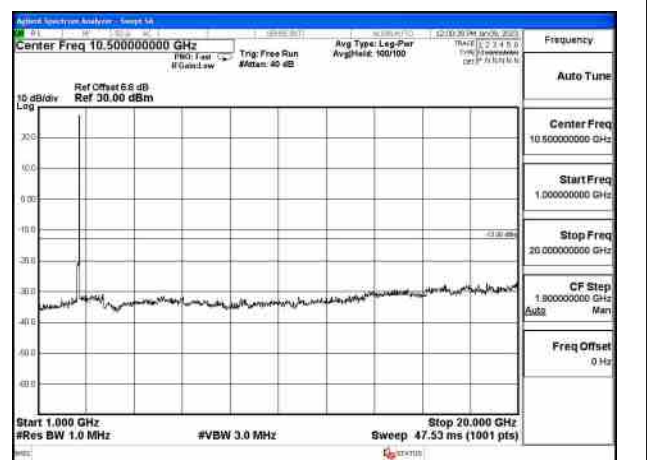


Fig.174

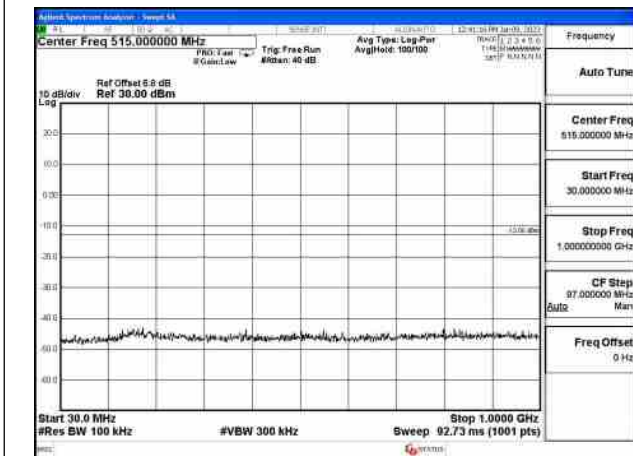


Fig.175

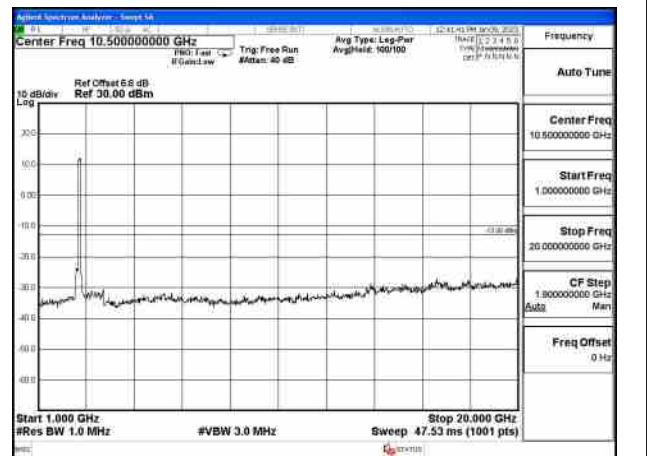


Fig.176

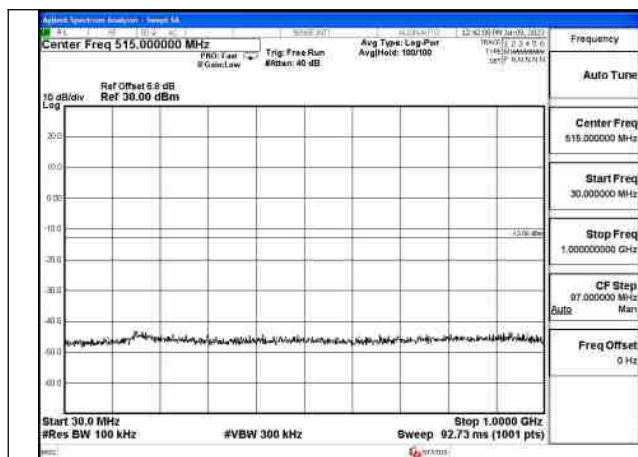


Fig.177



Fig.178

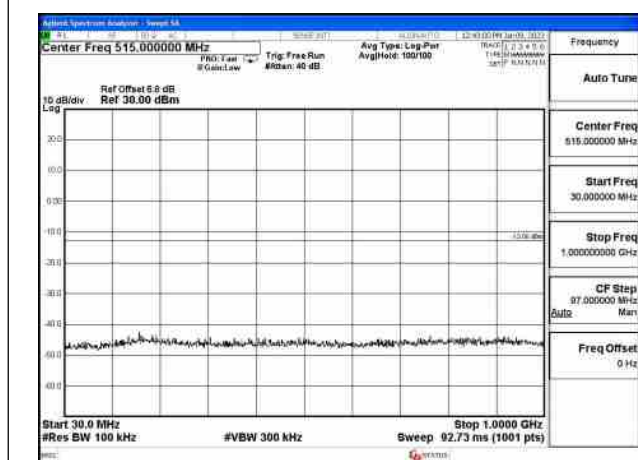


Fig.179



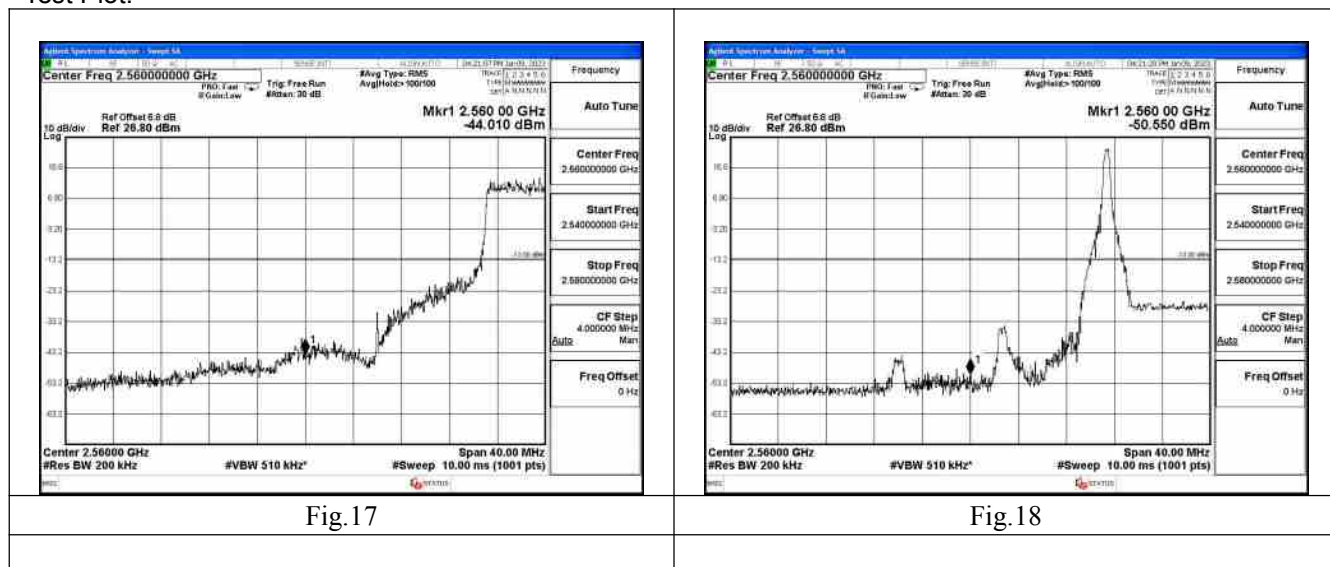
Fig.180

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	2506.02	501204	20	25	12	Fig.17
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	1	Fig.18
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	Fig.19
DFT-s-OFDM QPSK	2506.02	501204	20	1	1	Fig.20
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	25	12	Fig.21
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	49	Fig.22
DFT-s-OFDM QPSK	2679.99	535998	20	25	12	Fig.23
DFT-s-OFDM QPSK	2679.99	535998	20	1	49	Fig.24
DFT-s-OFDM PI/2 BPSK	2501.01	500202	30	36	18	Fig.25
DFT-s-OFDM PI/2 BPSK	2501.01	500202	30	1	1	Fig.26
DFT-s-OFDM QPSK	2501.01	500202	30	36	18	Fig.27
DFT-s-OFDM QPSK	2501.01	500202	30	1	1	Fig.28
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	36	18	Fig.29
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	76	Fig.30
DFT-s-OFDM QPSK	2674.98	534996	30	36	18	Fig.31
DFT-s-OFDM QPSK	2674.98	534996	30	1	76	Fig.32
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	Fig.33
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	1	Fig.34
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	Fig.35
DFT-s-OFDM QPSK	2516.01	503202	40	1	1	Fig.36
DFT-s-OFDM PI/2 BPSK	2670	534000	40	50	25	Fig.37
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	104	Fig.38
DFT-s-OFDM QPSK	2670	534000	40	50	25	Fig.39
DFT-s-OFDM QPSK	2670	534000	40	1	104	Fig.40
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	64	32	Fig.41
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	1	Fig.42
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	Fig.43
DFT-s-OFDM QPSK	2521.02	504204	50	1	1	Fig.44
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	64	32	Fig.45
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	131	Fig.46
DFT-s-OFDM QPSK	2664.99	532998	50	64	32	Fig.47
DFT-s-OFDM QPSK	2664.99	532998	50	1	131	Fig.48
DFT-s-OFDM PI/2 BPSK	2526	505200	60	81	40	Fig.49
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	1	Fig.50
DFT-s-OFDM QPSK	2526	505200	60	81	40	Fig.51
DFT-s-OFDM QPSK	2526	505200	60	1	1	Fig.52
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	81	40	Fig.53
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	160	Fig.54
DFT-s-OFDM QPSK	2659.98	531996	60	81	40	Fig.55
DFT-s-OFDM QPSK	2659.98	531996	60	1	160	Fig.56
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	108	54	Fig.57
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	1	Fig.58
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	Fig.59

DFT-s-OFDM QPSK	2536.02	507204	80	1	1	Fig.60
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	108	54	Fig.61
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	215	Fig.62
DFT-s-OFDM QPSK	2649.99	529998	80	108	54	Fig.63
DFT-s-OFDM QPSK	2649.99	529998	80	1	215	Fig.64
DFT-s-OFDM PI/2 BPSK	2541	508200	90	120	60	Fig.65
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	1	Fig.66
DFT-s-OFDM QPSK	2541	508200	90	120	60	Fig.67
DFT-s-OFDM QPSK	2541	508200	90	1	1	Fig.68
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	120	60	Fig.69
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	243	Fig.70
DFT-s-OFDM QPSK	2644.98	528996	90	120	60	Fig.71
DFT-s-OFDM QPSK	2644.98	528996	90	1	243	Fig.72
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	Fig.73
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	1	Fig.74
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	Fig.75
DFT-s-OFDM QPSK	2546.01	509202	100	1	1	Fig.76
DFT-s-OFDM PI/2 BPSK	2640	528000	100	135	67	Fig.77
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	271	Fig.78
DFT-s-OFDM QPSK	2640	528000	100	135	67	Fig.79
DFT-s-OFDM QPSK	2640	528000	100	1	271	Fig.80

Test Plot:



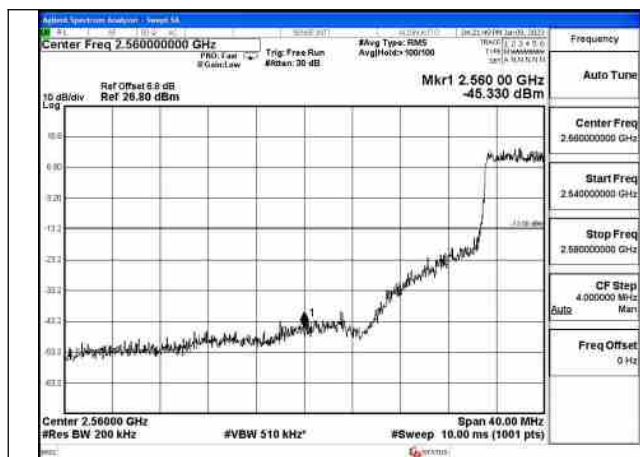


Fig.19

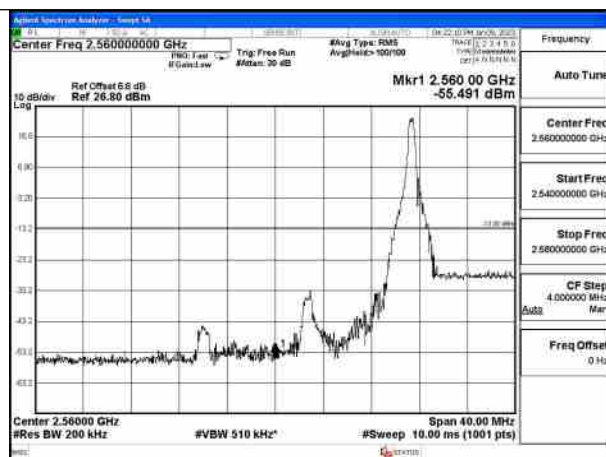


Fig.20

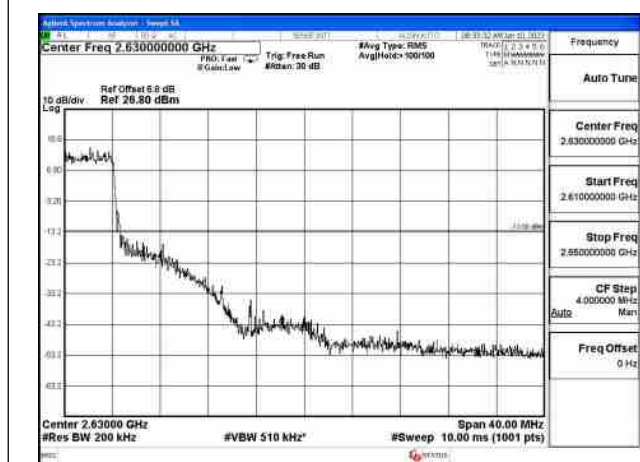


Fig.21

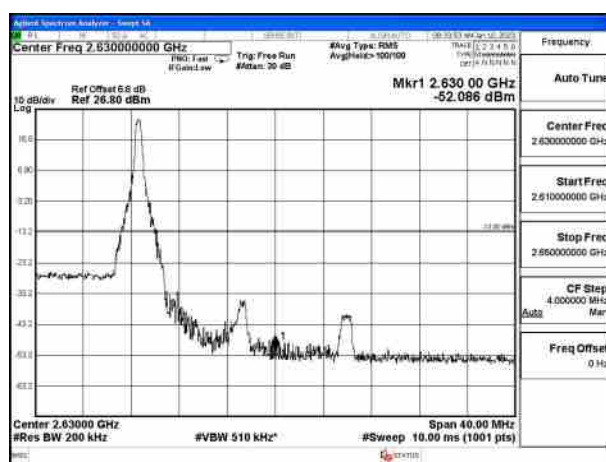


Fig.22

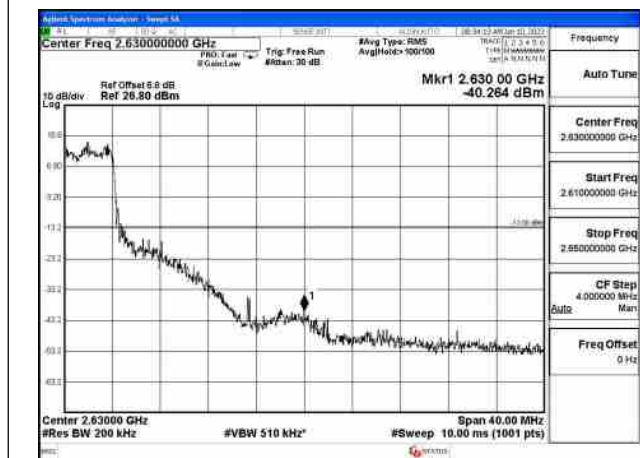


Fig.23

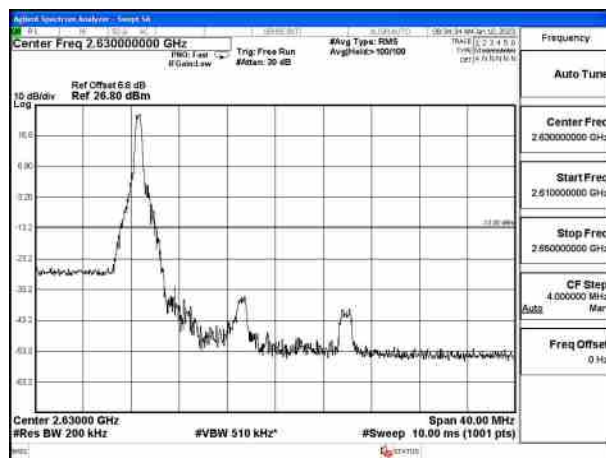


Fig.24

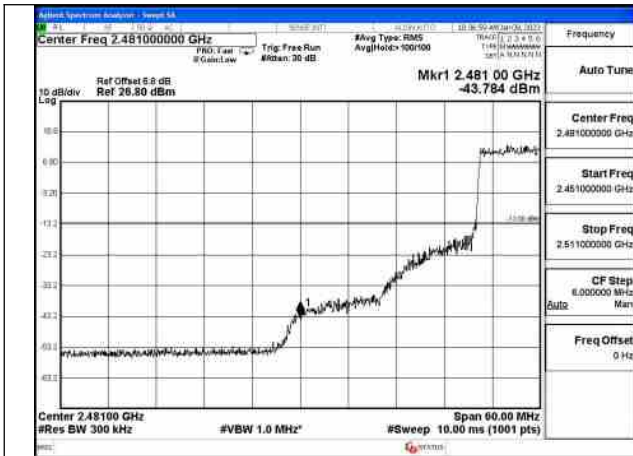


Fig.25

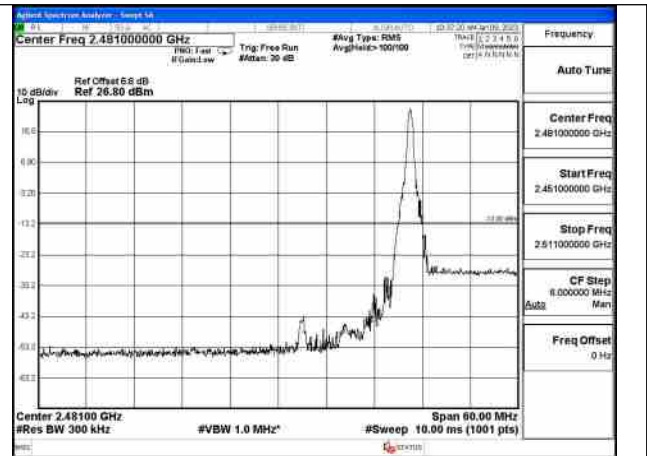


Fig.26

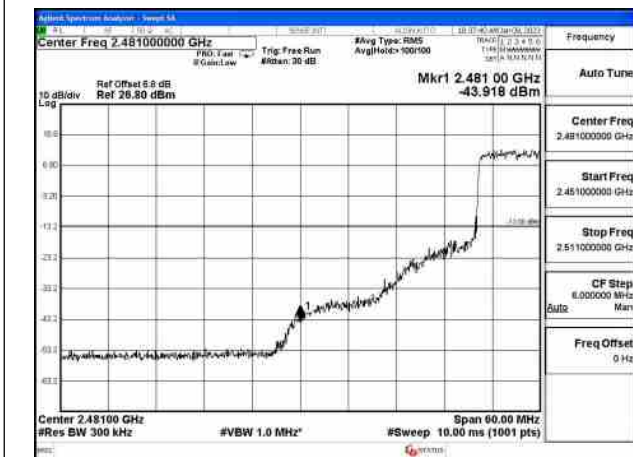


Fig.27

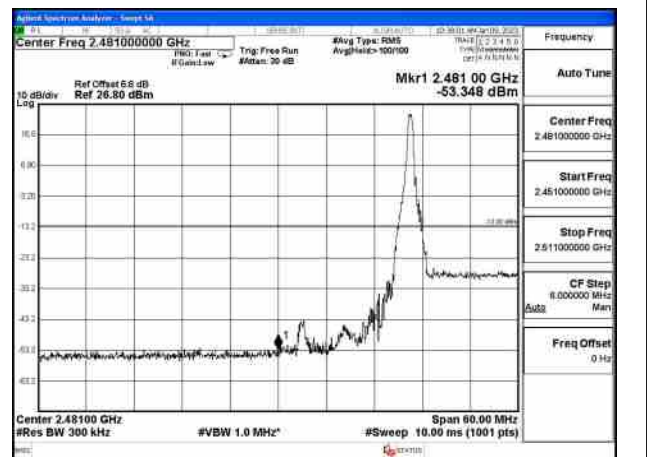


Fig.28

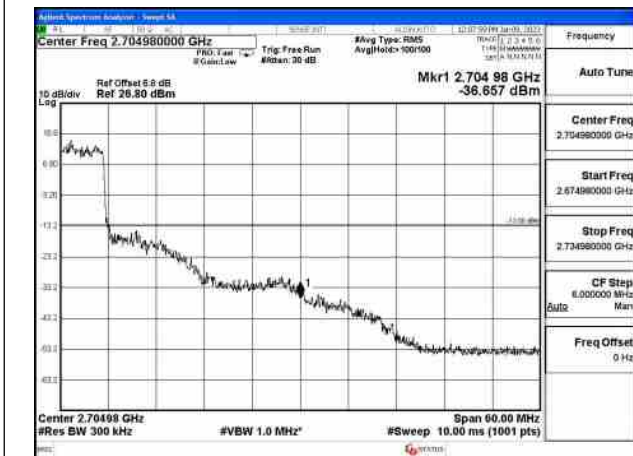


Fig.29

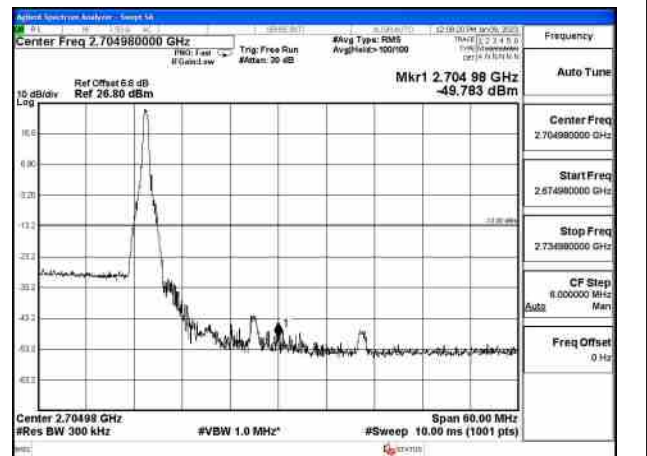


Fig.30



Fig.31

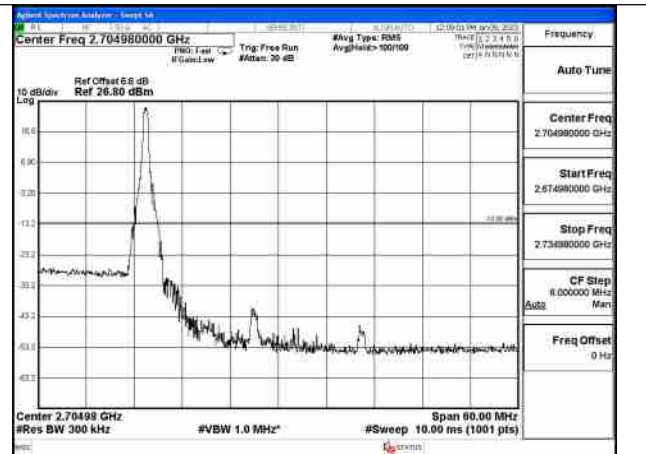


Fig.32



Fig.33

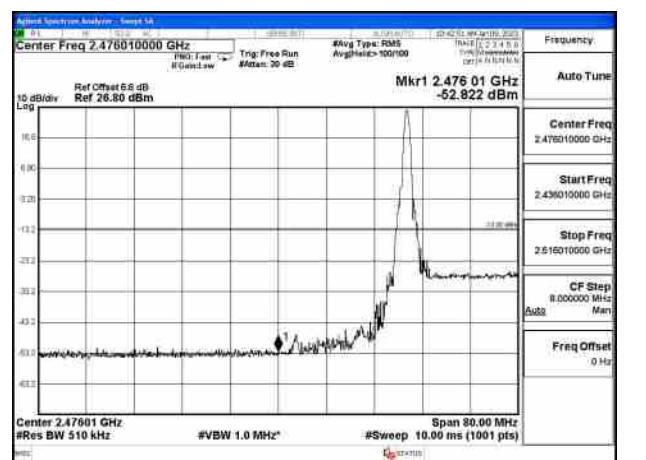


Fig.34



Fig.35

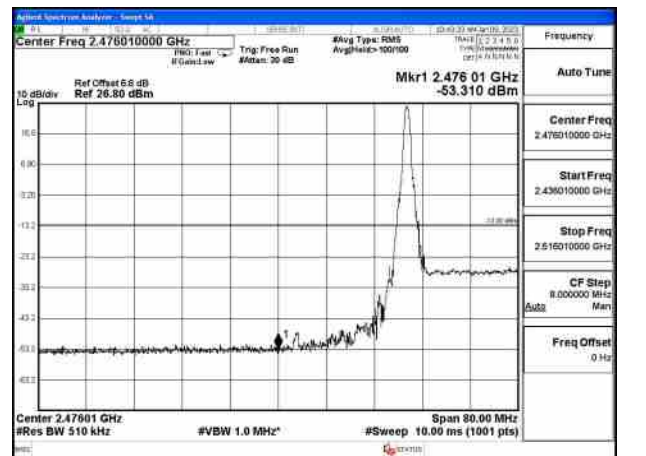


Fig.36

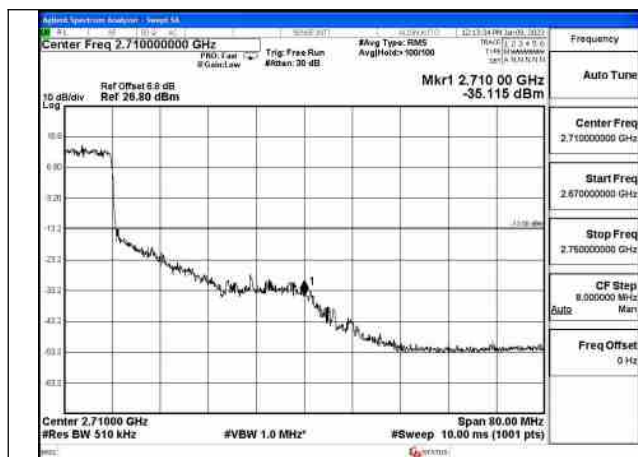


Fig.37

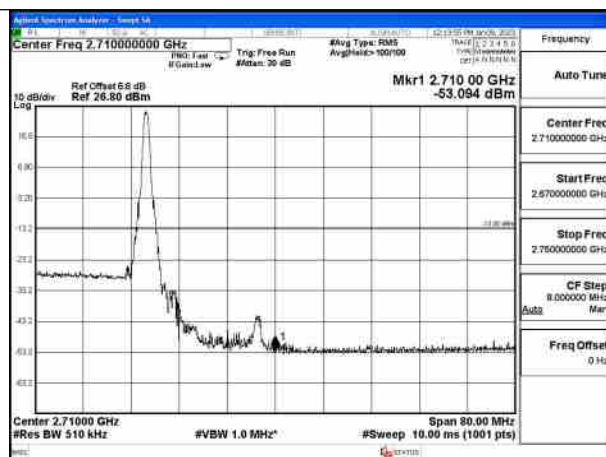


Fig.38



Fig.39

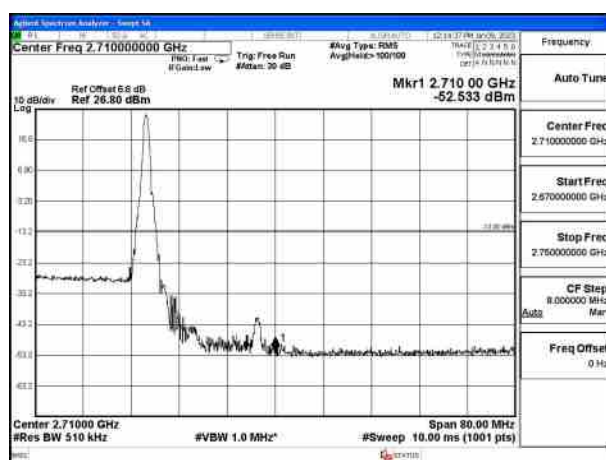


Fig.40

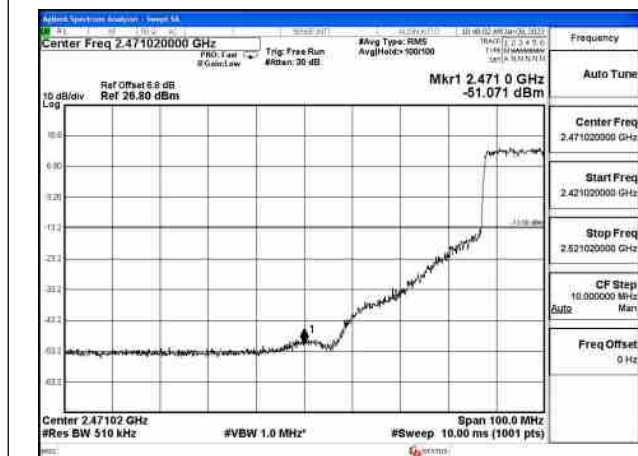


Fig.41

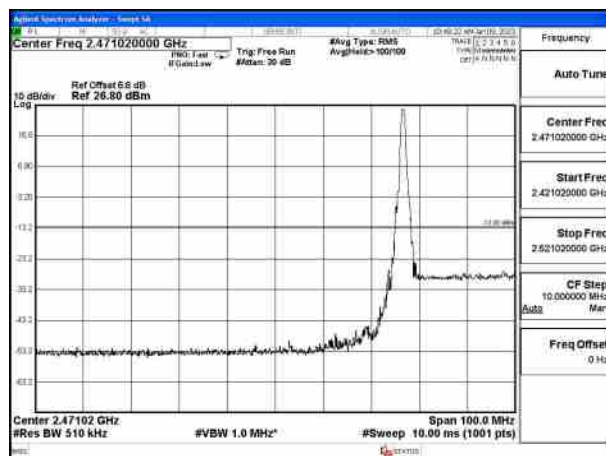


Fig.42

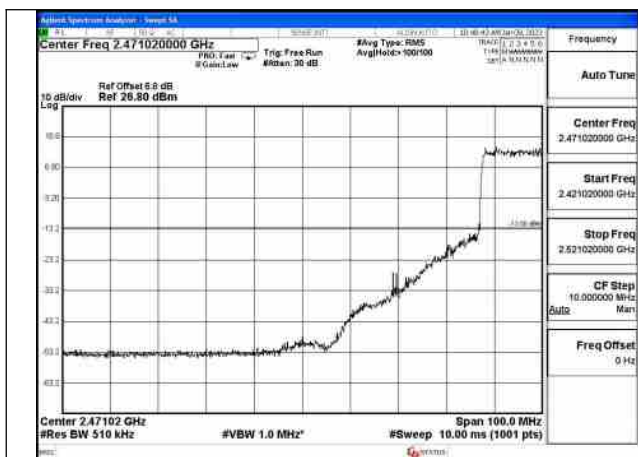


Fig.43

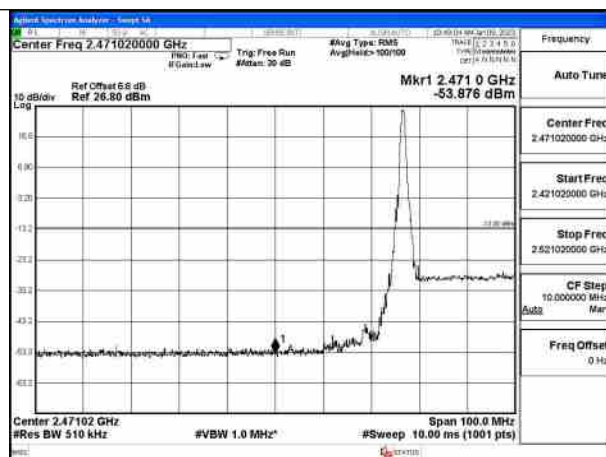


Fig.44

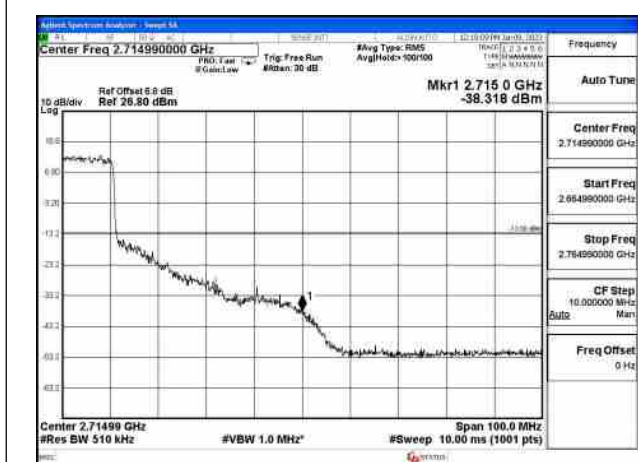


Fig.45

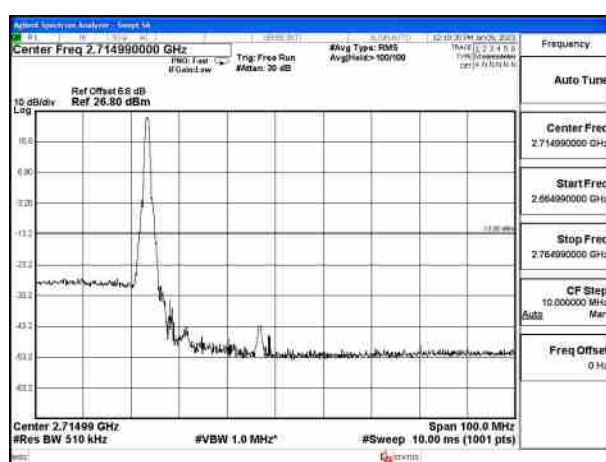


Fig.46

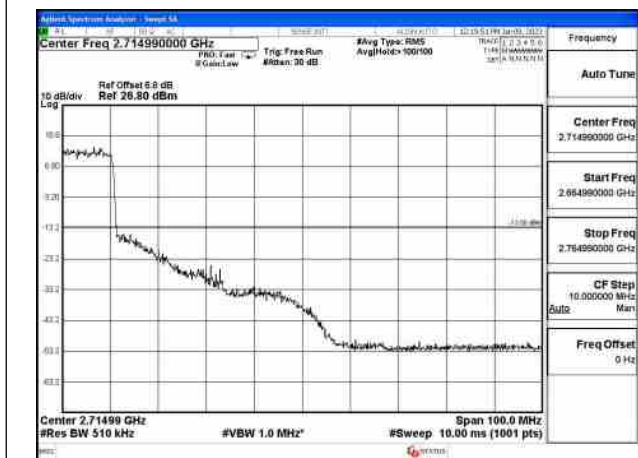


Fig.47

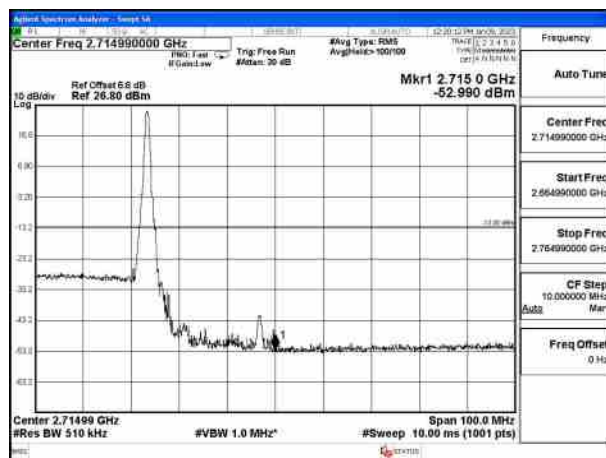


Fig.48

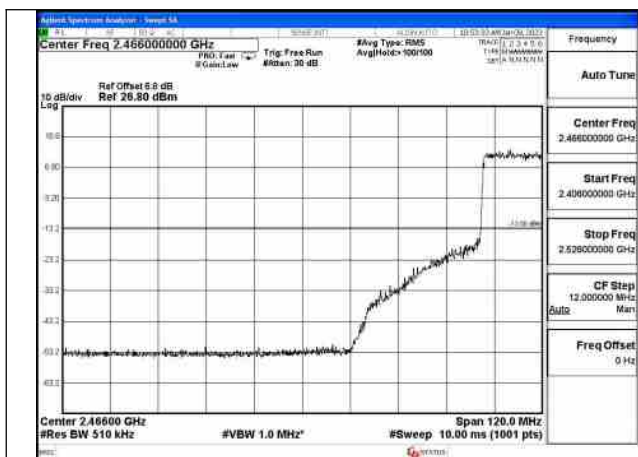


Fig.49

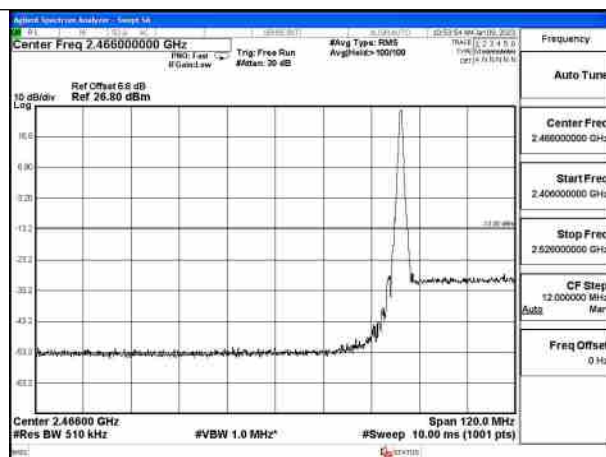


Fig.50

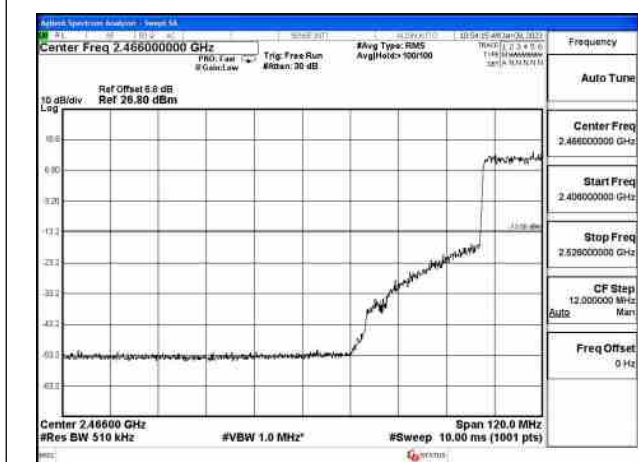


Fig.51

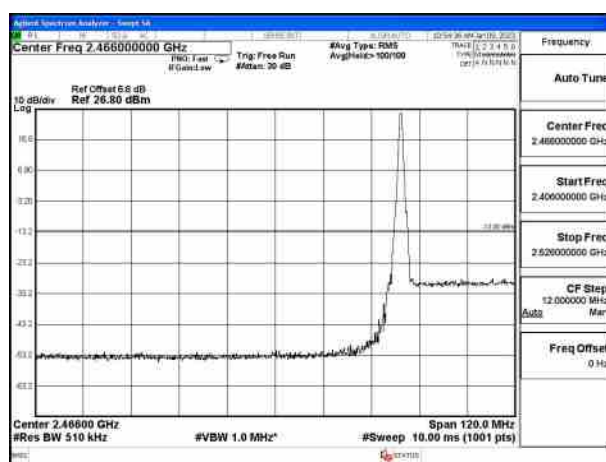


Fig.52

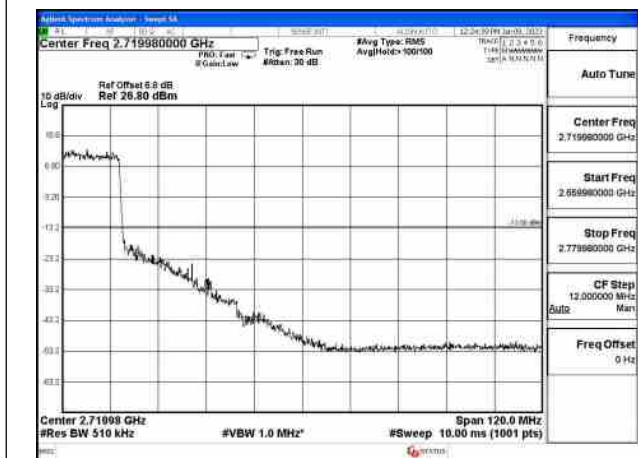


Fig.53

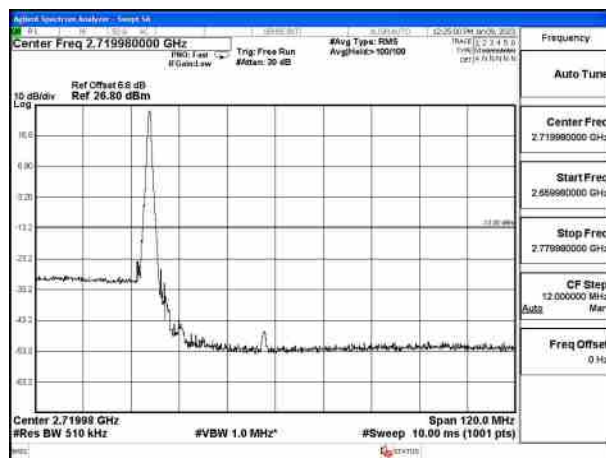


Fig.54

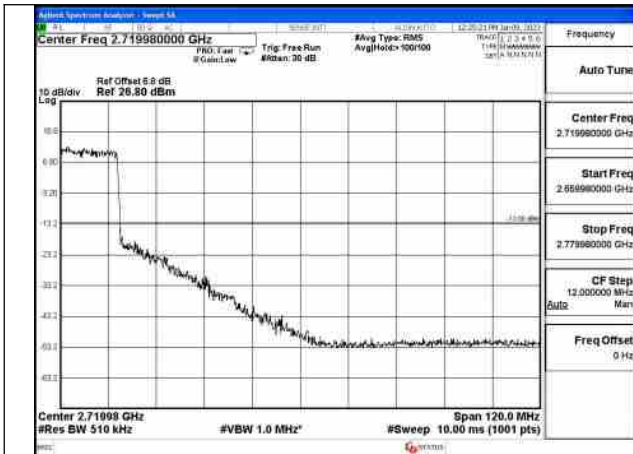


Fig.55

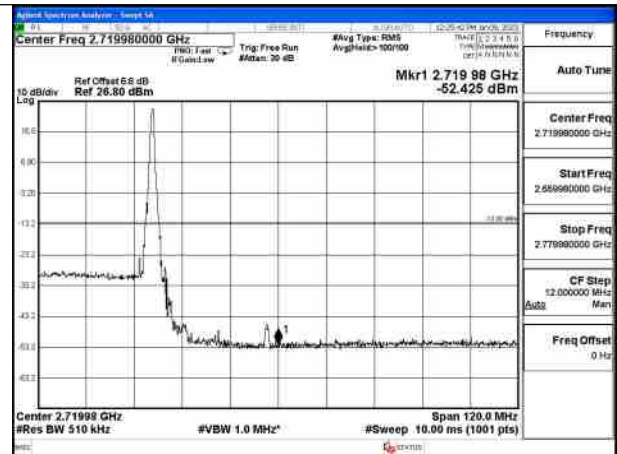


Fig.56



Fig.57



Fig.58



Fig.59



Fig.60

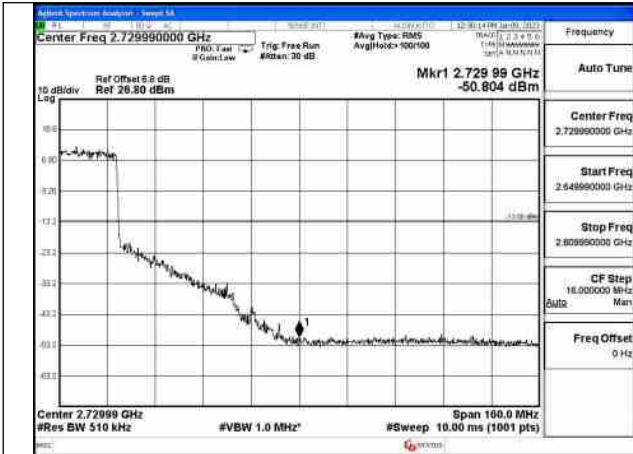


Fig.61

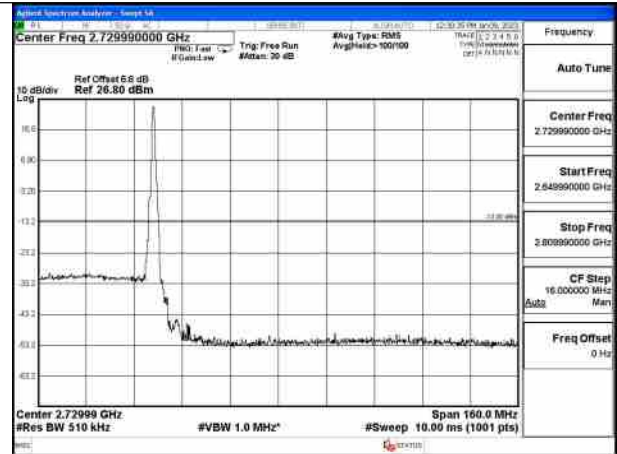


Fig.62

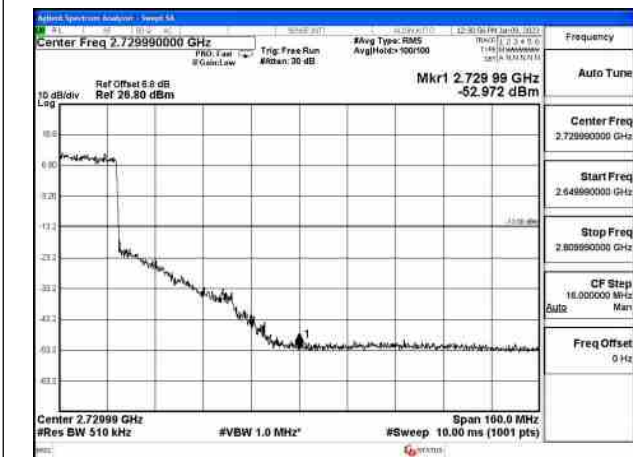


Fig.63

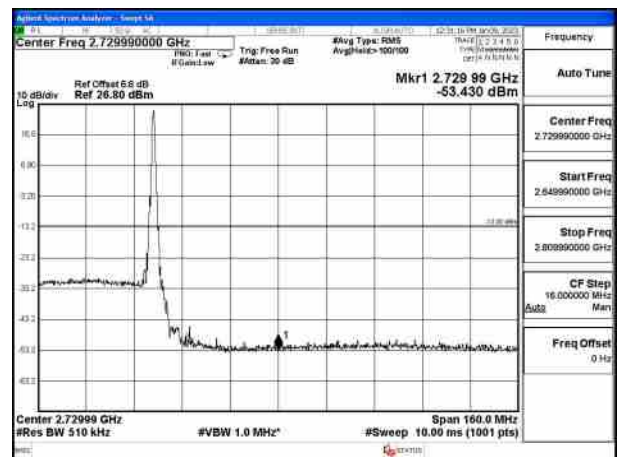


Fig.64

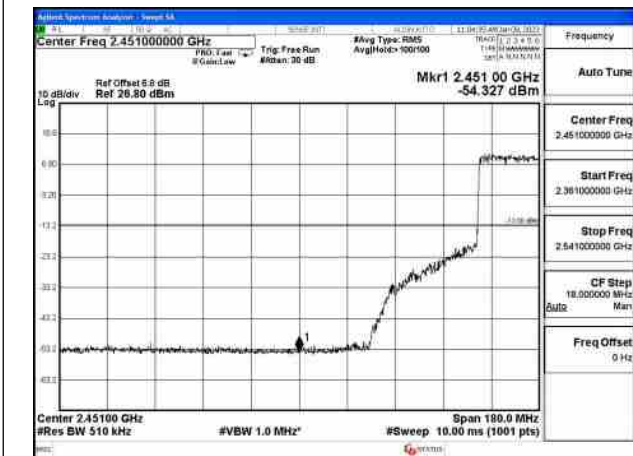


Fig.65

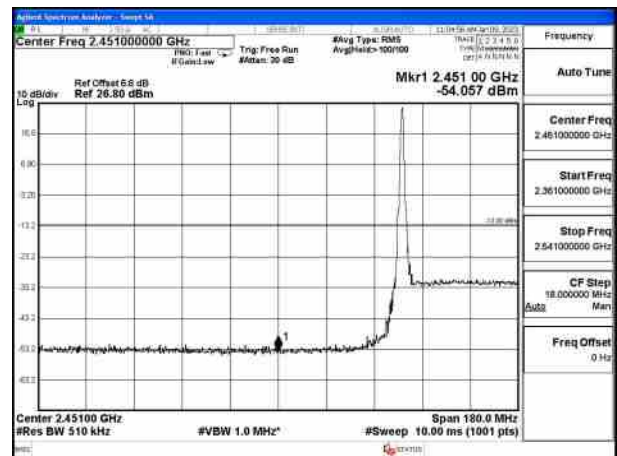


Fig.66

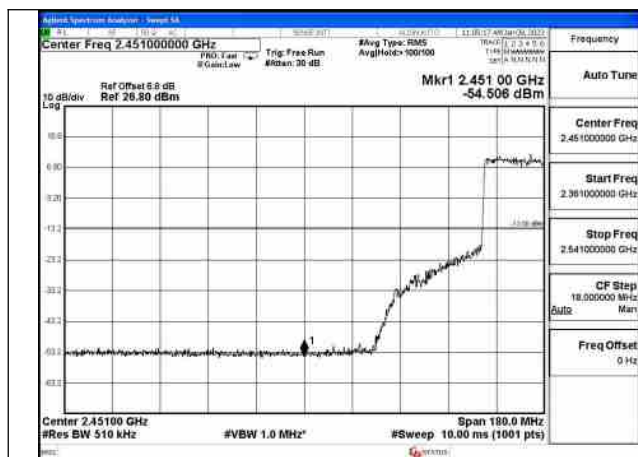


Fig.67

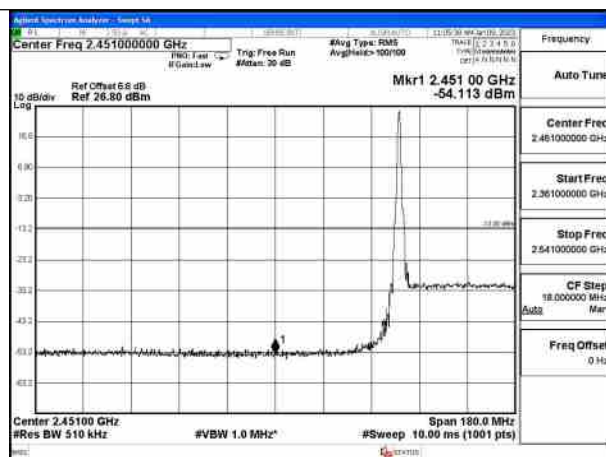


Fig.68

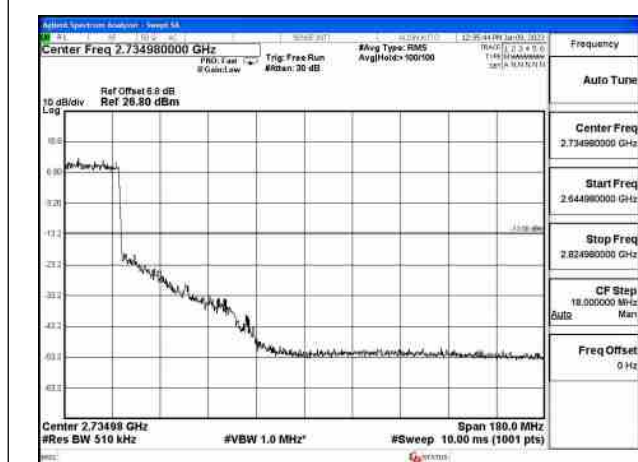


Fig.69

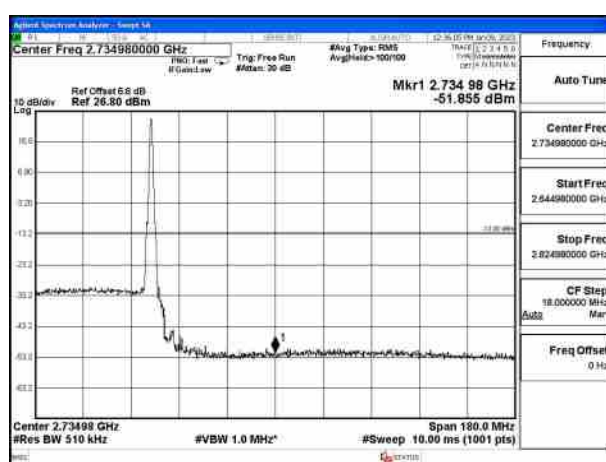


Fig.70

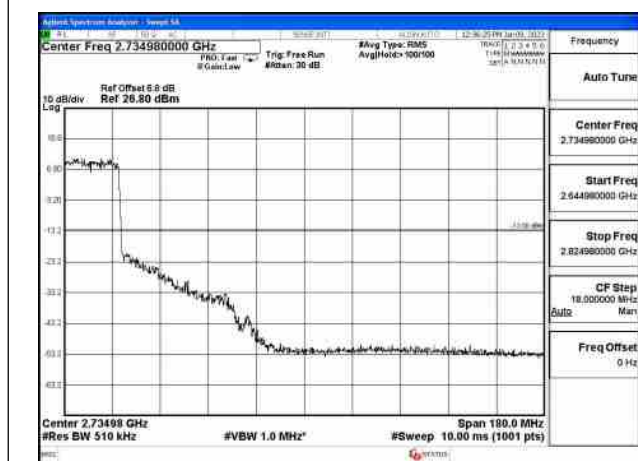


Fig.71

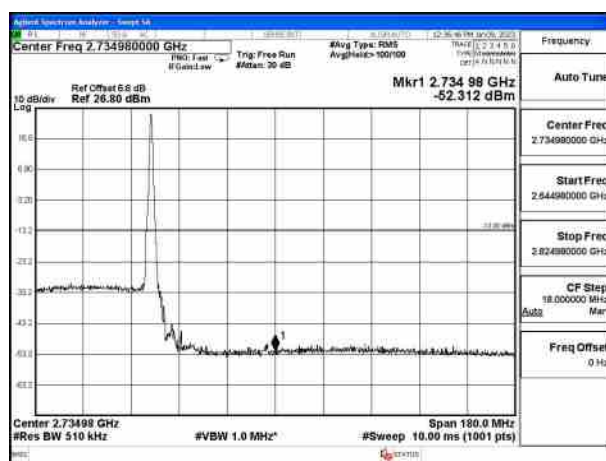


Fig.72



Fig.73

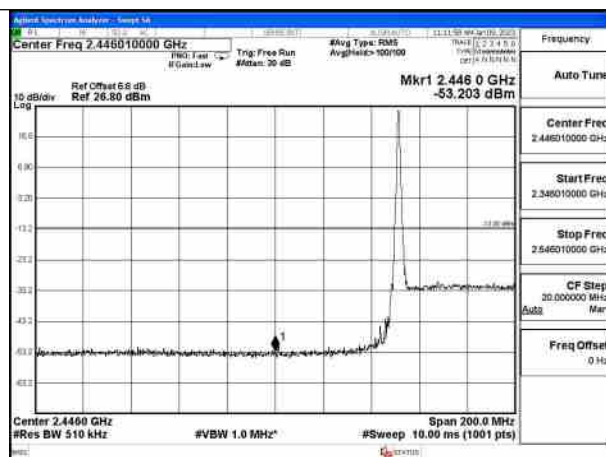


Fig.74



Fig.75

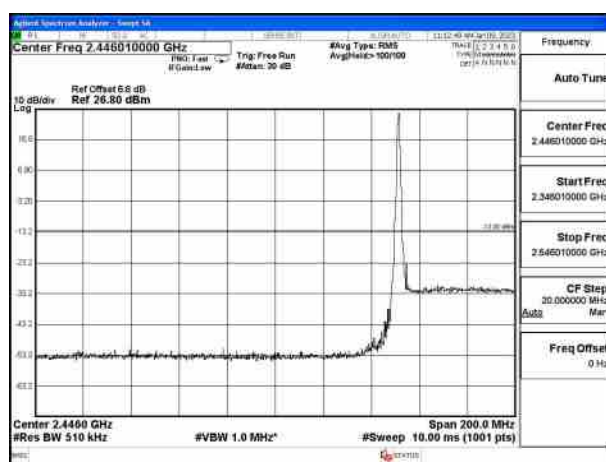


Fig.76

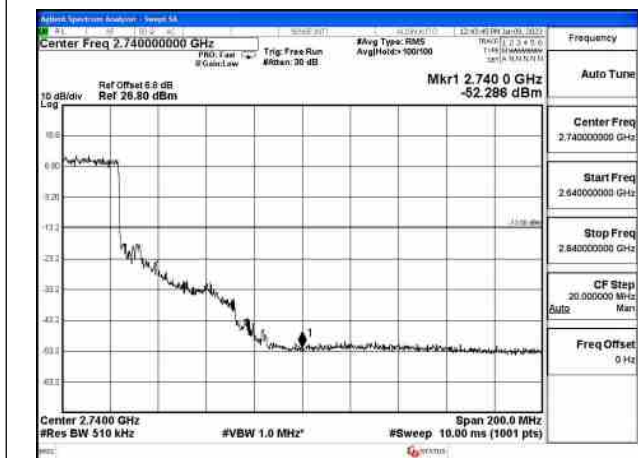


Fig.77

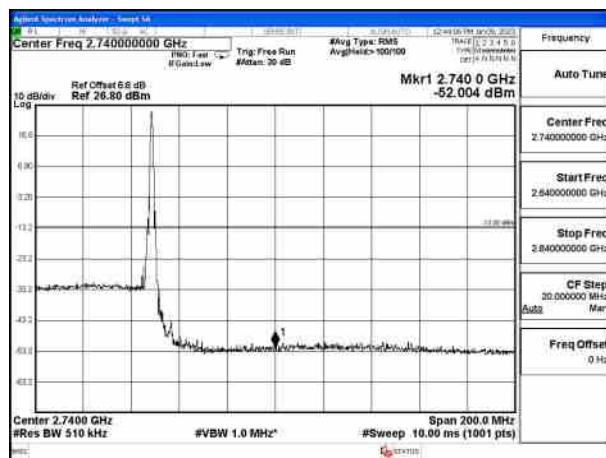


Fig.78

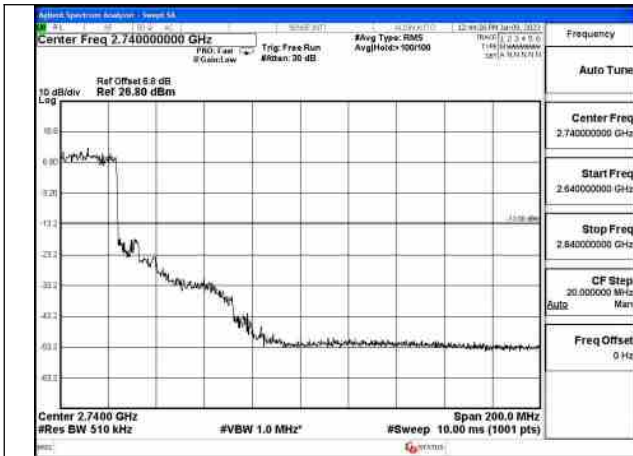


Fig.79

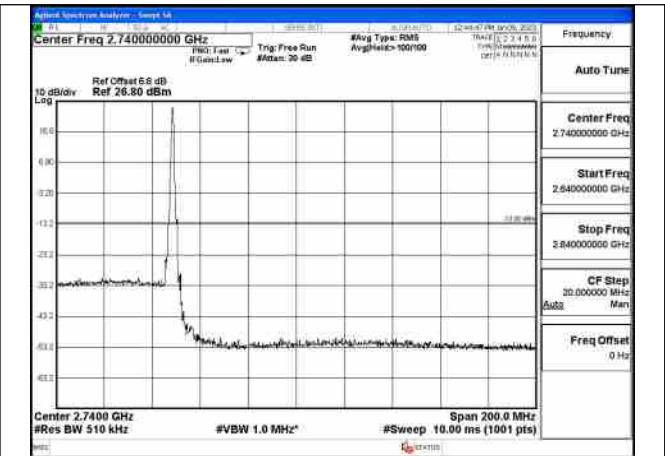


Fig.80

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	2592.99	518598	100	270	0	-10	NV	-0.0031
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	0	NV	-0.0023
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	10	NV	-0.0008
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	20	NV	-0.005
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	30	NV	-0.0039
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	40	NV	-0.0027
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	50	NV	-0.0089
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	55	NV	-0.0023
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	20	LV	-0.0062
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	20	HV	-0.0062

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	2506.02	501204	20	50	25	22.59	21.19	0.132
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	1	22.98	21.58	0.144
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	104	23.37	21.97	0.157
DFT-s-OFDM QPSK	2506.02	501204	20	50	25	22.81	21.41	0.138
DFT-s-OFDM QPSK	2506.02	501204	20	1	1	23.19	21.79	0.151
DFT-s-OFDM QPSK	2506.02	501204	20	1	104	23.58	22.18	0.165
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	50	25	23.75	22.35	0.172
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	1	22.86	21.46	0.140
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	104	23.96	22.56	0.180
DFT-s-OFDM QPSK	2592.99	518598	20	50	25	22.75	21.35	0.136
DFT-s-OFDM QPSK	2592.99	518598	20	1	1	23.85	22.45	0.176
DFT-s-OFDM QPSK	2592.99	518598	20	1	104	22.26	20.86	0.122
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	50	25	23.31	21.91	0.155
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	1	22.75	21.35	0.136
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	104	23.85	22.45	0.176
DFT-s-OFDM QPSK	2679.99	535998	20	50	25	23.91	22.51	0.178
DFT-s-OFDM QPSK	2679.99	535998	20	1	1	23.03	21.63	0.146
DFT-s-OFDM QPSK	2679.99	535998	20	1	104	22.47	21.07	0.128
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	23.97	22.57	0.181
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	22.70	21.30	0.135
DFT-s-OFDM 16QAM	2506.02	501204	20	1	0	23.08	21.68	0.147
DFT-s-OFDM 16QAM	2506.02	501204	20	1	50	22.53	21.13	0.130
DFT-s-OFDM 16QAM	2506.02	501204	20	25	12	22.91	21.51	0.142
DFT-s-OFDM 16QAM	2506.02	501204	20	50	0	23.30	21.90	0.155
DFT-s-OFDM 64QAM	2506.02	501204	20	1	0	23.68	22.28	0.169
DFT-s-OFDM 64QAM	2506.02	501204	20	1	50	23.13	21.73	0.149
DFT-s-OFDM 64QAM	2506.02	501204	20	25	12	23.51	22.11	0.163
DFT-s-OFDM 64QAM	2506.02	501204	20	50	0	23.90	22.50	0.178
DFT-s-OFDM 256QAM	2506.02	501204	20	1	0	19.98	18.58	0.072
DFT-s-OFDM 256QAM	2506.02	501204	20	1	50	20.83	19.43	0.088
DFT-s-OFDM 256QAM	2506.02	501204	20	25	12	19.88	18.48	0.070
DFT-s-OFDM 256QAM	2506.02	501204	20	50	0	20.11	18.71	0.074
CP-OFDM QPSK	2506.02	501204	20	1	0	22.91	21.51	0.142
CP-OFDM QPSK	2506.02	501204	20	1	50	22.35	20.95	0.124
CP-OFDM QPSK	2506.02	501204	20	25	12	22.73	21.33	0.136
CP-OFDM QPSK	2506.02	501204	20	51	0	23.12	21.72	0.149
CP-OFDM 16QAM	2506.02	501204	20	1	0	23.51	22.11	0.163
CP-OFDM 16QAM	2506.02	501204	20	1	50	22.24	20.84	0.121
CP-OFDM 16QAM	2506.02	501204	20	25	12	22.62	21.22	0.132
CP-OFDM 16QAM	2506.02	501204	20	51	0	23.01	21.61	0.145
CP-OFDM 64QAM	2506.02	501204	20	1	0	22.45	21.05	0.127
CP-OFDM 64QAM	2506.02	501204	20	1	50	22.84	21.44	0.139
CP-OFDM 64QAM	2506.02	501204	20	25	12	23.93	22.53	0.179

CP-OFDM 64QAM	2506.02	501204	20	51	0	23.61	22.21	0.166
CP-OFDM 256QAM	2506.02	501204	20	1	0	20.43	19.03	0.080
CP-OFDM 256QAM	2506.02	501204	20	1	50	20.66	19.26	0.084
CP-OFDM 256QAM	2506.02	501204	20	25	12	20.89	19.49	0.089
CP-OFDM 256QAM	2506.02	501204	20	51	0	19.94	18.54	0.071
DFT-s-OFDM QPSK	2592.99	518598	20	25	12	23.68	22.28	0.169
DFT-s-OFDM QPSK	2592.99	518598	20	50	0	22.79	21.39	0.138
DFT-s-OFDM 16QAM	2592.99	518598	20	1	0	23.18	21.78	0.151
DFT-s-OFDM 16QAM	2592.99	518598	20	1	50	23.95	22.55	0.180
DFT-s-OFDM 16QAM	2592.99	518598	20	25	12	23.39	21.99	0.158
DFT-s-OFDM 16QAM	2592.99	518598	20	50	0	23.46	22.06	0.161
DFT-s-OFDM 64QAM	2592.99	518598	20	1	0	22.90	21.50	0.141
DFT-s-OFDM 64QAM	2592.99	518598	20	1	50	23.28	21.88	0.154
DFT-s-OFDM 64QAM	2592.99	518598	20	25	12	22.40	21.00	0.126
DFT-s-OFDM 64QAM	2592.99	518598	20	50	0	22.79	21.39	0.138
DFT-s-OFDM 256QAM	2592.99	518598	20	1	0	20.92	19.52	0.090
DFT-s-OFDM 256QAM	2592.99	518598	20	1	50	20.40	19.00	0.079
DFT-s-OFDM 256QAM	2592.99	518598	20	25	12	20.63	19.23	0.084
DFT-s-OFDM 256QAM	2592.99	518598	20	50	0	20.86	19.46	0.088
CP-OFDM QPSK	2592.99	518598	20	1	0	23.21	21.81	0.152
CP-OFDM QPSK	2592.99	518598	20	1	50	23.28	21.88	0.154
CP-OFDM QPSK	2592.99	518598	20	25	12	22.72	21.32	0.136
CP-OFDM QPSK	2592.99	518598	20	51	0	23.81	22.41	0.174
CP-OFDM 16QAM	2592.99	518598	20	1	0	23.88	22.48	0.177
CP-OFDM 16QAM	2592.99	518598	20	1	50	23.32	21.92	0.156
CP-OFDM 16QAM	2592.99	518598	20	25	12	22.44	21.04	0.127
CP-OFDM 16QAM	2592.99	518598	20	51	0	22.82	21.42	0.139
CP-OFDM 64QAM	2592.99	518598	20	1	0	23.21	21.81	0.152
CP-OFDM 64QAM	2592.99	518598	20	1	50	22.32	20.92	0.124
CP-OFDM 64QAM	2592.99	518598	20	25	12	22.71	21.31	0.135
CP-OFDM 64QAM	2592.99	518598	20	51	0	23.10	21.70	0.148
CP-OFDM 256QAM	2592.99	518598	20	1	0	19.93	18.53	0.071
CP-OFDM 256QAM	2592.99	518598	20	1	50	20.78	19.38	0.087
CP-OFDM 256QAM	2592.99	518598	20	25	12	19.83	18.43	0.070
CP-OFDM 256QAM	2592.99	518598	20	51	0	20.48	19.08	0.081
DFT-s-OFDM QPSK	2679.99	535998	20	25	12	23.24	21.84	0.153
DFT-s-OFDM QPSK	2679.99	535998	20	50	0	22.36	20.96	0.125
DFT-s-OFDM 16QAM	2679.99	535998	20	1	0	23.46	22.06	0.161
DFT-s-OFDM 16QAM	2679.99	535998	20	1	50	22.57	21.17	0.131
DFT-s-OFDM 16QAM	2679.99	535998	20	25	12	23.67	22.27	0.169
DFT-s-OFDM 16QAM	2679.99	535998	20	50	0	23.73	22.33	0.171
DFT-s-OFDM 64QAM	2679.99	535998	20	1	0	22.85	21.45	0.140
DFT-s-OFDM 64QAM	2679.99	535998	20	1	50	22.68	21.28	0.134
DFT-s-OFDM 64QAM	2679.99	535998	20	25	12	23.06	21.66	0.147
DFT-s-OFDM 64QAM	2679.99	535998	20	50	0	22.89	21.49	0.141
DFT-s-OFDM 256QAM	2679.99	535998	20	1	0	20.56	19.16	0.082

DFT-s-OFDM 256QAM	2679.99	535998	20	1	50	20.04	18.64	0.073
DFT-s-OFDM 256QAM	2679.99	535998	20	25	12	20.69	19.29	0.085
DFT-s-OFDM 256QAM	2679.99	535998	20	50	0	20.73	19.33	0.086
CP-OFDM QPSK	2679.99	535998	20	1	0	22.67	21.27	0.134
CP-OFDM QPSK	2679.99	535998	20	1	50	23.77	22.37	0.173
CP-OFDM QPSK	2679.99	535998	20	25	12	22.17	20.77	0.119
CP-OFDM QPSK	2679.99	535998	20	51	0	23.27	21.87	0.154
CP-OFDM 16QAM	2679.99	535998	20	1	0	22.39	20.99	0.126
CP-OFDM 16QAM	2679.99	535998	20	1	50	23.48	22.08	0.161
CP-OFDM 16QAM	2679.99	535998	20	25	12	22.60	21.20	0.132
CP-OFDM 16QAM	2679.99	535998	20	51	0	22.99	21.59	0.144
CP-OFDM 64QAM	2679.99	535998	20	1	0	22.11	20.71	0.118
CP-OFDM 64QAM	2679.99	535998	20	1	50	23.20	21.80	0.151
CP-OFDM 64QAM	2679.99	535998	20	25	12	23.98	22.58	0.181
CP-OFDM 64QAM	2679.99	535998	20	51	0	23.09	21.69	0.148
CP-OFDM 256QAM	2679.99	535998	20	1	0	19.93	18.53	0.071
CP-OFDM 256QAM	2679.99	535998	20	1	50	20.58	19.18	0.083
CP-OFDM 256QAM	2679.99	535998	20	25	12	20.05	18.65	0.073
CP-OFDM 256QAM	2679.99	535998	20	51	0	20.71	19.31	0.085

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	2511	502200	30	36	18	22.06	20.66	0.116
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	1	22.44	21.04	0.127
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	76	22.83	21.43	0.139
DFT-s-OFDM QPSK	2511	502200	30	36	18	22.27	20.87	0.122
DFT-s-OFDM QPSK	2511	502200	30	1	1	22.66	21.26	0.134
DFT-s-OFDM QPSK	2511	502200	30	1	76	23.04	21.64	0.146
DFT-s-OFDM QPSK	2511	502200	30	36	18	23.43	22.03	0.160
DFT-s-OFDM QPSK	2511	502200	30	75	0	22.87	21.47	0.140
DFT-s-OFDM 16QAM	2511	502200	30	1	0	23.26	21.86	0.153
DFT-s-OFDM 16QAM	2511	502200	30	1	77	23.64	22.24	0.167
DFT-s-OFDM 16QAM	2511	502200	30	36	18	22.05	20.65	0.116
DFT-s-OFDM 16QAM	2511	502200	30	75	0	23.47	22.07	0.161
DFT-s-OFDM 64QAM	2511	502200	30	1	0	23.86	22.46	0.176
DFT-s-OFDM 64QAM	2511	502200	30	1	77	22.26	20.86	0.122
DFT-s-OFDM 64QAM	2511	502200	30	36	18	22.65	21.25	0.133
DFT-s-OFDM 64QAM	2511	502200	30	75	0	22.09	20.69	0.117
DFT-s-OFDM 256QAM	2511	502200	30	1	0	20.09	18.69	0.074
DFT-s-OFDM 256QAM	2511	502200	30	1	77	20.32	18.92	0.078
DFT-s-OFDM 256QAM	2511	502200	30	36	18	20.55	19.15	0.082
DFT-s-OFDM 256QAM	2511	502200	30	75	0	20.21	18.81	0.076
CP-OFDM QPSK	2511	502200	30	1	0	23.08	21.68	0.147
CP-OFDM QPSK	2511	502200	30	1	77	23.46	22.06	0.161
CP-OFDM QPSK	2511	502200	30	39	19	22.20	20.80	0.120
CP-OFDM QPSK	2511	502200	30	78	0	22.58	21.18	0.131

CP-OFDM 16QAM	2511	502200	30	1	0	22.97	21.57	0.144
CP-OFDM 16QAM	2511	502200	30	1	77	22.41	21.01	0.126
CP-OFDM 16QAM	2511	502200	30	39	19	22.47	21.07	0.128
CP-OFDM 16QAM	2511	502200	30	78	0	23.89	22.49	0.177
CP-OFDM 64QAM	2511	502200	30	1	0	22.30	20.90	0.123
CP-OFDM 64QAM	2511	502200	30	1	77	22.69	21.29	0.135
CP-OFDM 64QAM	2511	502200	30	39	19	23.07	21.67	0.147
CP-OFDM 64QAM	2511	502200	30	78	0	22.51	21.11	0.129
CP-OFDM 256QAM	2511	502200	30	1	0	20.34	18.94	0.078
CP-OFDM 256QAM	2511	502200	30	1	77	20.57	19.17	0.083
CP-OFDM 256QAM	2511	502200	30	39	19	20.80	19.40	0.087
CP-OFDM 256QAM	2511	502200	30	78	0	20.04	18.64	0.073
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	36	18	22.64	21.24	0.133
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	1	23.03	21.63	0.146
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	76	22.15	20.75	0.119
DFT-s-OFDM QPSK	2592.99	518598	30	36	18	22.53	21.13	0.130
DFT-s-OFDM QPSK	2592.99	518598	30	1	1	23.63	22.23	0.167
DFT-s-OFDM QPSK	2592.99	518598	30	1	76	22.04	20.64	0.116
DFT-s-OFDM QPSK	2592.99	518598	30	36	18	23.46	22.06	0.161
DFT-s-OFDM QPSK	2592.99	518598	30	75	0	23.52	22.12	0.163
DFT-s-OFDM 16QAM	2592.99	518598	30	1	0	22.96	21.56	0.143
DFT-s-OFDM 16QAM	2592.99	518598	30	1	77	22.08	20.68	0.117
DFT-s-OFDM 16QAM	2592.99	518598	30	36	18	22.46	21.06	0.128
DFT-s-OFDM 16QAM	2592.99	518598	30	75	0	22.85	21.45	0.140
DFT-s-OFDM 64QAM	2592.99	518598	30	1	0	23.95	22.55	0.180
DFT-s-OFDM 64QAM	2592.99	518598	30	1	77	23.06	21.66	0.147
DFT-s-OFDM 64QAM	2592.99	518598	30	36	18	22.18	20.78	0.120
DFT-s-OFDM 64QAM	2592.99	518598	30	75	0	23.28	21.88	0.154
DFT-s-OFDM 256QAM	2592.99	518598	30	1	0	20.79	19.39	0.087
DFT-s-OFDM 256QAM	2592.99	518598	30	1	77	20.27	18.87	0.077
DFT-s-OFDM 256QAM	2592.99	518598	30	36	18	20.50	19.10	0.081
DFT-s-OFDM 256QAM	2592.99	518598	30	75	0	19.97	18.57	0.072
CP-OFDM QPSK	2592.99	518598	30	1	0	22.67	21.27	0.134
CP-OFDM QPSK	2592.99	518598	30	1	77	23.06	21.66	0.147
CP-OFDM QPSK	2592.99	518598	30	39	19	22.17	20.77	0.119
CP-OFDM QPSK	2592.99	518598	30	78	0	22.56	21.16	0.131
CP-OFDM 16QAM	2592.99	518598	30	1	0	23.66	22.26	0.168
CP-OFDM 16QAM	2592.99	518598	30	1	77	22.77	21.37	0.137
CP-OFDM 16QAM	2592.99	518598	30	39	19	23.16	21.76	0.150
CP-OFDM 16QAM	2592.99	518598	30	78	0	22.60	21.20	0.132
CP-OFDM 64QAM	2592.99	518598	30	1	0	23.70	22.30	0.170
CP-OFDM 64QAM	2592.99	518598	30	1	77	23.76	22.36	0.172
CP-OFDM 64QAM	2592.99	518598	30	39	19	22.88	21.48	0.141
CP-OFDM 64QAM	2592.99	518598	30	78	0	22.32	20.92	0.124
CP-OFDM 256QAM	2592.99	518598	30	1	0	20.03	18.63	0.073
CP-OFDM 256QAM	2592.99	518598	30	1	77	20.88	19.48	0.089

CP-OFDM 256QAM	2592.99	518598	30	39	19	20.35	18.95	0.079
CP-OFDM 256QAM	2592.99	518598	30	78	0	20.58	19.18	0.083
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	36	18	23.41	22.01	0.159
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	1	22.53	21.13	0.130
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	76	22.35	20.95	0.124
DFT-s-OFDM QPSK	2674.98	534996	30	36	18	22.42	21.02	0.126
DFT-s-OFDM QPSK	2674.98	534996	30	1	1	23.51	22.11	0.163
DFT-s-OFDM QPSK	2674.98	534996	30	1	76	22.95	21.55	0.143
DFT-s-OFDM QPSK	2674.98	534996	30	36	18	23.02	21.62	0.145
DFT-s-OFDM QPSK	2674.98	534996	30	75	0	22.13	20.73	0.118
DFT-s-OFDM 16QAM	2674.98	534996	30	1	0	23.23	21.83	0.152
DFT-s-OFDM 16QAM	2674.98	534996	30	1	77	22.35	20.95	0.124
DFT-s-OFDM 16QAM	2674.98	534996	30	36	18	22.17	20.77	0.119
DFT-s-OFDM 16QAM	2674.98	534996	30	75	0	22.24	20.84	0.121
DFT-s-OFDM 64QAM	2674.98	534996	30	1	0	23.33	21.93	0.156
DFT-s-OFDM 64QAM	2674.98	534996	30	1	77	22.45	21.05	0.127
DFT-s-OFDM 64QAM	2674.98	534996	30	36	18	23.55	22.15	0.164
DFT-s-OFDM 64QAM	2674.98	534996	30	75	0	23.37	21.97	0.157
DFT-s-OFDM 256QAM	2674.98	534996	30	1	0	20.85	19.45	0.088
DFT-s-OFDM 256QAM	2674.98	534996	30	1	77	20.33	18.93	0.078
DFT-s-OFDM 256QAM	2674.98	534996	30	36	18	20.98	19.58	0.091
DFT-s-OFDM 256QAM	2674.98	534996	30	75	0	19.84	18.44	0.070
CP-OFDM QPSK	2674.98	534996	30	1	0	23.15	21.75	0.150
CP-OFDM QPSK	2674.98	534996	30	1	77	22.27	20.87	0.122
CP-OFDM QPSK	2674.98	534996	30	39	19	23.37	21.97	0.157
CP-OFDM QPSK	2674.98	534996	30	78	0	22.49	21.09	0.129
CP-OFDM 16QAM	2674.98	534996	30	1	0	23.58	22.18	0.165
CP-OFDM 16QAM	2674.98	534996	30	1	77	22.70	21.30	0.135
CP-OFDM 16QAM	2674.98	534996	30	39	19	23.80	22.40	0.174
CP-OFDM 16QAM	2674.98	534996	30	78	0	23.86	22.46	0.176
CP-OFDM 64QAM	2674.98	534996	30	1	0	22.98	21.58	0.144
CP-OFDM 64QAM	2674.98	534996	30	1	77	22.42	21.02	0.126
CP-OFDM 64QAM	2674.98	534996	30	39	19	22.48	21.08	0.128
CP-OFDM 64QAM	2674.98	534996	30	78	0	23.58	22.18	0.165
CP-OFDM 256QAM	2674.98	534996	30	1	0	20.21	18.81	0.076
CP-OFDM 256QAM	2674.98	534996	30	1	77	20.11	18.71	0.074
CP-OFDM 256QAM	2674.98	534996	30	39	19	20.77	19.37	0.086
CP-OFDM 256QAM	2674.98	534996	30	78	0	20.05	18.65	0.073

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	23.89	22.49	0.177
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	1	22.29	20.89	0.123
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	104	23.71	22.31	0.170
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	22.12	20.72	0.118
DFT-s-OFDM QPSK	2516.01	503202	40	1	1	22.51	21.11	0.129

DFT-s-OFDM QPSK	2516.01	503202	40	1	104	22.89	21.49	0.141
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	22.33	20.93	0.124
DFT-s-OFDM QPSK	2516.01	503202	40	100	0	22.72	21.32	0.136
DFT-s-OFDM 16QAM	2516.01	503202	40	1	0	23.11	21.71	0.148
DFT-s-OFDM 16QAM	2516.01	503202	40	1	105	23.49	22.09	0.162
DFT-s-OFDM 16QAM	2516.01	503202	40	50	25	22.93	21.53	0.142
DFT-s-OFDM 16QAM	2516.01	503202	40	100	0	23.32	21.92	0.156
DFT-s-OFDM 64QAM	2516.01	503202	40	1	0	23.71	22.31	0.170
DFT-s-OFDM 64QAM	2516.01	503202	40	1	105	22.11	20.71	0.118
DFT-s-OFDM 64QAM	2516.01	503202	40	50	25	23.53	22.13	0.163
DFT-s-OFDM 64QAM	2516.01	503202	40	100	0	23.92	22.52	0.179
DFT-s-OFDM 256QAM	2516.01	503202	40	1	0	20.00	18.60	0.072
DFT-s-OFDM 256QAM	2516.01	503202	40	1	105	20.23	18.83	0.076
DFT-s-OFDM 256QAM	2516.01	503202	40	50	25	19.89	18.49	0.071
DFT-s-OFDM 256QAM	2516.01	503202	40	100	0	20.12	18.72	0.074
CP-OFDM QPSK	2516.01	503202	40	1	0	22.93	21.53	0.142
CP-OFDM QPSK	2516.01	503202	40	1	105	23.31	21.91	0.155
CP-OFDM QPSK	2516.01	503202	40	53	26	22.75	21.35	0.136
CP-OFDM QPSK	2516.01	503202	40	106	0	23.85	22.45	0.176
CP-OFDM 16QAM	2516.01	503202	40	1	0	22.26	20.86	0.122
CP-OFDM 16QAM	2516.01	503202	40	1	105	22.64	21.24	0.133
CP-OFDM 16QAM	2516.01	503202	40	53	26	23.03	21.63	0.146
CP-OFDM 16QAM	2516.01	503202	40	106	0	22.47	21.07	0.128
CP-OFDM 64QAM	2516.01	503202	40	1	0	22.53	21.13	0.130
CP-OFDM 64QAM	2516.01	503202	40	1	105	23.95	22.55	0.180
CP-OFDM 64QAM	2516.01	503202	40	53	26	22.36	20.96	0.125
CP-OFDM 64QAM	2516.01	503202	40	106	0	22.75	21.35	0.136
CP-OFDM 256QAM	2516.01	503202	40	1	0	20.48	19.08	0.081
CP-OFDM 256QAM	2516.01	503202	40	1	105	20.14	18.74	0.075
CP-OFDM 256QAM	2516.01	503202	40	53	26	20.38	18.98	0.079
CP-OFDM 256QAM	2516.01	503202	40	106	0	20.61	19.21	0.083
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	50	25	23.52	22.12	0.163
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	1	23.91	22.51	0.178
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	104	23.02	21.62	0.145
DFT-s-OFDM QPSK	2592.99	518598	40	50	25	22.14	20.74	0.119
DFT-s-OFDM QPSK	2592.99	518598	40	1	1	22.53	21.13	0.130
DFT-s-OFDM QPSK	2592.99	518598	40	1	104	23.62	22.22	0.167
DFT-s-OFDM QPSK	2592.99	518598	40	50	25	22.03	20.63	0.116
DFT-s-OFDM QPSK	2592.99	518598	40	100	0	22.42	21.02	0.126
DFT-s-OFDM 16QAM	2592.99	518598	40	1	0	23.51	22.11	0.163
DFT-s-OFDM 16QAM	2592.99	518598	40	1	105	23.90	22.50	0.178
DFT-s-OFDM 16QAM	2592.99	518598	40	50	25	23.02	21.62	0.145
DFT-s-OFDM 16QAM	2592.99	518598	40	100	0	23.40	22.00	0.158
DFT-s-OFDM 64QAM	2592.99	518598	40	1	0	22.52	21.12	0.129
DFT-s-OFDM 64QAM	2592.99	518598	40	1	105	23.94	22.54	0.179
DFT-s-OFDM 64QAM	2592.99	518598	40	50	25	22.02	20.62	0.115

DFT-s-OFDM 64QAM	2592.99	518598	40	100	0	23.12	21.72	0.149
DFT-s-OFDM 256QAM	2592.99	518598	40	1	0	20.14	18.74	0.075
DFT-s-OFDM 256QAM	2592.99	518598	40	1	105	20.17	18.77	0.075
DFT-s-OFDM 256QAM	2592.99	518598	40	50	25	19.84	18.44	0.070
DFT-s-OFDM 256QAM	2592.99	518598	40	100	0	20.49	19.09	0.081
CP-OFDM QPSK	2592.99	518598	40	1	0	23.55	22.15	0.164
CP-OFDM QPSK	2592.99	518598	40	1	105	23.93	22.53	0.179
CP-OFDM QPSK	2592.99	518598	40	53	26	23.05	21.65	0.146
CP-OFDM QPSK	2592.99	518598	40	106	0	23.44	22.04	0.160
CP-OFDM 16QAM	2592.99	518598	40	1	0	22.55	21.15	0.130
CP-OFDM 16QAM	2592.99	518598	40	1	105	23.65	22.25	0.168
CP-OFDM 16QAM	2592.99	518598	40	53	26	22.77	21.37	0.137
CP-OFDM 16QAM	2592.99	518598	40	106	0	23.15	21.75	0.150
CP-OFDM 64QAM	2592.99	518598	40	1	0	22.27	20.87	0.122
CP-OFDM 64QAM	2592.99	518598	40	1	105	22.66	21.26	0.134
CP-OFDM 64QAM	2592.99	518598	40	53	26	23.75	22.35	0.172
CP-OFDM 64QAM	2592.99	518598	40	106	0	22.16	20.76	0.119
CP-OFDM 256QAM	2592.99	518598	40	1	0	20.55	19.15	0.082
CP-OFDM 256QAM	2592.99	518598	40	1	105	20.78	19.38	0.087
CP-OFDM 256QAM	2592.99	518598	40	53	26	20.68	19.28	0.085
CP-OFDM 256QAM	2592.99	518598	40	106	0	19.96	18.56	0.072
DFT-s-OFDM PI/2 BPSK	2670	534000	40	50	25	22.62	21.22	0.132
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	1	23.72	22.32	0.171
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	104	22.51	21.11	0.129
DFT-s-OFDM QPSK	2670	534000	40	50	25	23.61	22.21	0.166
DFT-s-OFDM QPSK	2670	534000	40	1	1	22.73	21.33	0.136
DFT-s-OFDM QPSK	2670	534000	40	1	104	23.50	22.10	0.162
DFT-s-OFDM QPSK	2670	534000	40	50	25	22.62	21.22	0.132
DFT-s-OFDM QPSK	2670	534000	40	100	0	23.71	22.31	0.170
DFT-s-OFDM 16QAM	2670	534000	40	1	0	23.54	22.14	0.164
DFT-s-OFDM 16QAM	2670	534000	40	1	105	22.66	21.26	0.134
DFT-s-OFDM 16QAM	2670	534000	40	50	25	22.72	21.32	0.136
DFT-s-OFDM 16QAM	2670	534000	40	100	0	23.82	22.42	0.175
DFT-s-OFDM 64QAM	2670	534000	40	1	0	22.93	21.53	0.142
DFT-s-OFDM 64QAM	2670	534000	40	1	105	22.05	20.65	0.116
DFT-s-OFDM 64QAM	2670	534000	40	50	25	23.15	21.75	0.150
DFT-s-OFDM 64QAM	2670	534000	40	100	0	22.27	20.87	0.122
DFT-s-OFDM 256QAM	2670	534000	40	1	0	20.61	19.21	0.083
DFT-s-OFDM 256QAM	2670	534000	40	1	105	20.84	19.44	0.088
DFT-s-OFDM 256QAM	2670	534000	40	50	25	20.12	18.72	0.074
DFT-s-OFDM 256QAM	2670	534000	40	100	0	20.78	19.38	0.087
CP-OFDM QPSK	2670	534000	40	1	0	22.76	21.36	0.137
CP-OFDM QPSK	2670	534000	40	1	105	23.85	22.45	0.176
CP-OFDM QPSK	2670	534000	40	53	26	23.68	22.28	0.169
CP-OFDM QPSK	2670	534000	40	106	0	23.74	22.34	0.171
CP-OFDM 16QAM	2670	534000	40	1	0	22.86	21.46	0.140

CP-OFDM 16QAM	2670	534000	40	1	105	23.96	22.56	0.180
CP-OFDM 16QAM	2670	534000	40	53	26	23.07	21.67	0.147
CP-OFDM 16QAM	2670	534000	40	106	0	22.19	20.79	0.120
CP-OFDM 64QAM	2670	534000	40	1	0	23.29	21.89	0.155
CP-OFDM 64QAM	2670	534000	40	1	105	22.40	21.00	0.126
CP-OFDM 64QAM	2670	534000	40	53	26	23.50	22.10	0.162
CP-OFDM 64QAM	2670	534000	40	106	0	23.56	22.16	0.164
CP-OFDM 256QAM	2670	534000	40	1	0	20.21	18.81	0.076
CP-OFDM 256QAM	2670	534000	40	1	105	20.86	19.46	0.088
CP-OFDM 256QAM	2670	534000	40	53	26	20.33	18.93	0.078
CP-OFDM 256QAM	2670	534000	40	106	0	19.81	18.41	0.069

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	2521.02	504204	50	64	32	22.85	21.45	0.140
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	1	22.29	20.89	0.123
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	131	22.68	21.28	0.134
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	23.07	21.67	0.147
DFT-s-OFDM QPSK	2521.02	504204	50	1	1	23.45	22.05	0.160
DFT-s-OFDM QPSK	2521.02	504204	50	1	131	22.89	21.49	0.141
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	23.28	21.88	0.154
DFT-s-OFDM QPSK	2521.02	504204	50	128	0	22.40	21.00	0.126
DFT-s-OFDM 16QAM	2521.02	504204	50	1	0	22.78	21.38	0.137
DFT-s-OFDM 16QAM	2521.02	504204	50	1	132	23.17	21.77	0.150
DFT-s-OFDM 16QAM	2521.02	504204	50	64	32	23.56	22.16	0.164
DFT-s-OFDM 16QAM	2521.02	504204	50	128	0	23.00	21.60	0.145
DFT-s-OFDM 64QAM	2521.02	504204	50	1	0	23.38	21.98	0.158
DFT-s-OFDM 64QAM	2521.02	504204	50	1	132	23.77	22.37	0.173
DFT-s-OFDM 64QAM	2521.02	504204	50	64	32	22.18	20.78	0.120
DFT-s-OFDM 64QAM	2521.02	504204	50	128	0	23.60	22.20	0.166
DFT-s-OFDM 256QAM	2521.02	504204	50	1	0	20.98	19.58	0.091
DFT-s-OFDM 256QAM	2521.02	504204	50	1	132	20.46	19.06	0.081
DFT-s-OFDM 256QAM	2521.02	504204	50	64	32	20.69	19.29	0.085
DFT-s-OFDM 256QAM	2521.02	504204	50	128	0	20.92	19.52	0.090
CP-OFDM QPSK	2521.02	504204	50	1	0	23.31	21.91	0.155
CP-OFDM QPSK	2521.02	504204	50	1	132	23.70	22.30	0.170
CP-OFDM QPSK	2521.02	504204	50	67	33	22.11	20.71	0.118
CP-OFDM QPSK	2521.02	504204	50	133	0	23.20	21.80	0.151
CP-OFDM 16QAM	2521.02	504204	50	1	0	23.59	22.19	0.166
CP-OFDM 16QAM	2521.02	504204	50	1	132	23.98	22.58	0.181
CP-OFDM 16QAM	2521.02	504204	50	67	33	23.42	22.02	0.159
CP-OFDM 16QAM	2521.02	504204	50	133	0	23.80	22.40	0.174
CP-OFDM 64QAM	2521.02	504204	50	1	0	22.21	20.81	0.121
CP-OFDM 64QAM	2521.02	504204	50	1	132	22.60	21.20	0.132
CP-OFDM 64QAM	2521.02	504204	50	67	33	23.69	22.29	0.169
CP-OFDM 64QAM	2521.02	504204	50	133	0	23.13	21.73	0.149

CP-OFDM 256QAM	2521.02	504204	50	1	0	20.71	19.31	0.085
CP-OFDM 256QAM	2521.02	504204	50	1	132	20.94	19.54	0.090
CP-OFDM 256QAM	2521.02	504204	50	67	33	20.41	19.01	0.080
CP-OFDM 256QAM	2521.02	504204	50	133	0	19.89	18.49	0.071
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	64	32	23.19	21.79	0.151
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	1	22.31	20.91	0.123
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	131	23.40	22.00	0.158
DFT-s-OFDM QPSK	2592.99	518598	50	64	32	23.79	22.39	0.173
DFT-s-OFDM QPSK	2592.99	518598	50	1	1	22.91	21.51	0.142
DFT-s-OFDM QPSK	2592.99	518598	50	1	131	22.02	20.62	0.115
DFT-s-OFDM QPSK	2592.99	518598	50	64	32	22.41	21.01	0.126
DFT-s-OFDM QPSK	2592.99	518598	50	128	0	23.51	22.11	0.163
DFT-s-OFDM 16QAM	2592.99	518598	50	1	0	23.89	22.49	0.177
DFT-s-OFDM 16QAM	2592.99	518598	50	1	132	23.01	21.61	0.145
DFT-s-OFDM 16QAM	2592.99	518598	50	64	32	22.13	20.73	0.118
DFT-s-OFDM 16QAM	2592.99	518598	50	128	0	22.51	21.11	0.129
DFT-s-OFDM 64QAM	2592.99	518598	50	1	0	23.61	22.21	0.166
DFT-s-OFDM 64QAM	2592.99	518598	50	1	132	22.02	20.62	0.115
DFT-s-OFDM 64QAM	2592.99	518598	50	64	32	23.11	21.71	0.148
DFT-s-OFDM 64QAM	2592.99	518598	50	128	0	22.23	20.83	0.121
DFT-s-OFDM 256QAM	2592.99	518598	50	1	0	20.17	18.77	0.075
DFT-s-OFDM 256QAM	2592.99	518598	50	1	132	20.40	19.00	0.079
DFT-s-OFDM 256QAM	2592.99	518598	50	64	32	19.87	18.47	0.070
DFT-s-OFDM 256QAM	2592.99	518598	50	128	0	20.53	19.13	0.082
CP-OFDM QPSK	2592.99	518598	50	1	0	23.60	22.20	0.166
CP-OFDM QPSK	2592.99	518598	50	1	132	22.72	21.32	0.136
CP-OFDM QPSK	2592.99	518598	50	67	33	23.11	21.71	0.148
CP-OFDM QPSK	2592.99	518598	50	133	0	22.22	20.82	0.121
CP-OFDM 16QAM	2592.99	518598	50	1	0	22.05	20.65	0.116
CP-OFDM 16QAM	2592.99	518598	50	1	132	23.15	21.75	0.150
CP-OFDM 16QAM	2592.99	518598	50	67	33	22.26	20.86	0.122
CP-OFDM 16QAM	2592.99	518598	50	133	0	22.33	20.93	0.124
CP-OFDM 64QAM	2592.99	518598	50	1	0	23.42	22.02	0.159
CP-OFDM 64QAM	2592.99	518598	50	1	132	22.54	21.14	0.130
CP-OFDM 64QAM	2592.99	518598	50	67	33	22.93	21.53	0.142
CP-OFDM 64QAM	2592.99	518598	50	133	0	22.04	20.64	0.116
CP-OFDM 256QAM	2592.99	518598	50	1	0	20.48	19.08	0.081
CP-OFDM 256QAM	2592.99	518598	50	1	132	19.96	18.56	0.072
CP-OFDM 256QAM	2592.99	518598	50	67	33	20.61	19.21	0.083
CP-OFDM 256QAM	2592.99	518598	50	133	0	20.08	18.68	0.074
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	64	32	22.22	20.82	0.121
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	1	23.00	21.60	0.145
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	131	23.38	21.98	0.158
DFT-s-OFDM QPSK	2664.99	532998	50	64	32	23.21	21.81	0.152
DFT-s-OFDM QPSK	2664.99	532998	50	1	1	22.33	20.93	0.124
DFT-s-OFDM QPSK	2664.99	532998	50	1	131	23.42	22.02	0.159

DFT-s-OFDM QPSK	2664.99	532998	50	64	32	22.54	21.14	0.130
DFT-s-OFDM QPSK	2664.99	532998	50	128	0	22.60	21.20	0.132
DFT-s-OFDM 16QAM	2664.99	532998	50	1	0	23.70	22.30	0.170
DFT-s-OFDM 16QAM	2664.99	532998	50	1	132	22.82	21.42	0.139
DFT-s-OFDM 16QAM	2664.99	532998	50	64	32	23.91	22.51	0.178
DFT-s-OFDM 16QAM	2664.99	532998	50	128	0	23.03	21.63	0.146
DFT-s-OFDM 64QAM	2664.99	532998	50	1	0	22.15	20.75	0.119
DFT-s-OFDM 64QAM	2664.99	532998	50	1	132	23.25	21.85	0.153
DFT-s-OFDM 64QAM	2664.99	532998	50	64	32	22.36	20.96	0.125
DFT-s-OFDM 64QAM	2664.99	532998	50	128	0	22.42	21.02	0.126
DFT-s-OFDM 256QAM	2664.99	532998	50	1	0	20.71	19.31	0.085
DFT-s-OFDM 256QAM	2664.99	532998	50	1	132	20.18	18.78	0.076
DFT-s-OFDM 256QAM	2664.99	532998	50	64	32	20.84	19.44	0.088
DFT-s-OFDM 256QAM	2664.99	532998	50	128	0	20.31	18.91	0.078
CP-OFDM QPSK	2664.99	532998	50	1	0	23.95	22.55	0.180
CP-OFDM QPSK	2664.99	532998	50	1	132	22.74	21.34	0.136
CP-OFDM QPSK	2664.99	532998	50	67	33	23.84	22.44	0.175
CP-OFDM QPSK	2664.99	532998	50	133	0	22.96	21.56	0.143
CP-OFDM 16QAM	2664.99	532998	50	1	0	22.07	20.67	0.117
CP-OFDM 16QAM	2664.99	532998	50	1	132	23.17	21.77	0.150
CP-OFDM 16QAM	2664.99	532998	50	67	33	22.29	20.89	0.123
CP-OFDM 16QAM	2664.99	532998	50	133	0	23.38	21.98	0.158
CP-OFDM 64QAM	2664.99	532998	50	1	0	23.45	22.05	0.160
CP-OFDM 64QAM	2664.99	532998	50	1	132	22.56	21.16	0.131
CP-OFDM 64QAM	2664.99	532998	50	67	33	23.66	22.26	0.168
CP-OFDM 64QAM	2664.99	532998	50	133	0	22.78	21.38	0.137
CP-OFDM 256QAM	2664.99	532998	50	1	0	20.92	19.52	0.090
CP-OFDM 256QAM	2664.99	532998	50	1	132	20.20	18.80	0.076
CP-OFDM 256QAM	2664.99	532998	50	67	33	19.87	18.47	0.070
CP-OFDM 256QAM	2664.99	532998	50	133	0	20.52	19.12	0.082

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	2526	505200	60	81	40	22.91	21.51	0.142
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	1	22.35	20.95	0.124
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	160	22.74	21.34	0.136
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.84	22.44	0.175
DFT-s-OFDM QPSK	2526	505200	60	1	1	22.24	20.84	0.121
DFT-s-OFDM QPSK	2526	505200	60	1	160	22.63	21.23	0.133
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.02	21.62	0.145
DFT-s-OFDM QPSK	2526	505200	60	162	0	22.46	21.06	0.128
DFT-s-OFDM 16QAM	2526	505200	60	1	0	22.85	21.45	0.140
DFT-s-OFDM 16QAM	2526	505200	60	1	161	23.94	22.54	0.179
DFT-s-OFDM 16QAM	2526	505200	60	81	40	23.62	22.22	0.167
DFT-s-OFDM 16QAM	2526	505200	60	162	0	22.73	21.33	0.136
DFT-s-OFDM 64QAM	2526	505200	60	1	0	22.18	20.78	0.120

DFT-s-OFDM 64QAM	2526	505200	60	1	161	22.56	21.16	0.131
DFT-s-OFDM 64QAM	2526	505200	60	81	40	22.95	21.55	0.143
DFT-s-OFDM 64QAM	2526	505200	60	162	0	23.34	21.94	0.156
DFT-s-OFDM 256QAM	2526	505200	60	1	0	20.07	18.67	0.074
DFT-s-OFDM 256QAM	2526	505200	60	1	161	20.30	18.90	0.078
DFT-s-OFDM 256QAM	2526	505200	60	81	40	19.97	18.57	0.072
DFT-s-OFDM 256QAM	2526	505200	60	162	0	20.62	19.22	0.084
CP-OFDM QPSK	2526	505200	60	1	0	23.76	22.36	0.172
CP-OFDM QPSK	2526	505200	60	1	161	22.17	20.77	0.119
CP-OFDM QPSK	2526	505200	60	81	40	23.27	21.87	0.154
CP-OFDM QPSK	2526	505200	60	162	0	23.65	22.25	0.168
CP-OFDM 16QAM	2526	505200	60	1	0	22.06	20.66	0.116
CP-OFDM 16QAM	2526	505200	60	1	161	23.48	22.08	0.161
CP-OFDM 16QAM	2526	505200	60	81	40	23.87	22.47	0.177
CP-OFDM 16QAM	2526	505200	60	162	0	22.27	20.87	0.122
CP-OFDM 64QAM	2526	505200	60	1	0	23.37	21.97	0.157
CP-OFDM 64QAM	2526	505200	60	1	161	22.49	21.09	0.129
CP-OFDM 64QAM	2526	505200	60	81	40	23.26	21.86	0.153
CP-OFDM 64QAM	2526	505200	60	162	0	22.70	21.30	0.135
CP-OFDM 256QAM	2526	505200	60	1	0	20.45	19.05	0.080
CP-OFDM 256QAM	2526	505200	60	1	161	20.68	19.28	0.085
CP-OFDM 256QAM	2526	505200	60	81	40	20.91	19.51	0.089
CP-OFDM 256QAM	2526	505200	60	162	0	20.58	19.18	0.083
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	81	40	23.07	21.67	0.147
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	1	22.19	20.79	0.120
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	160	22.58	21.18	0.131
DFT-s-OFDM QPSK	2592.99	518598	60	81	40	22.96	21.56	0.143
DFT-s-OFDM QPSK	2592.99	518598	60	1	1	22.08	20.68	0.117
DFT-s-OFDM QPSK	2592.99	518598	60	1	160	23.18	21.78	0.151
DFT-s-OFDM QPSK	2592.99	518598	60	81	40	22.29	20.89	0.123
DFT-s-OFDM QPSK	2592.99	518598	60	162	0	22.68	21.28	0.134
DFT-s-OFDM 16QAM	2592.99	518598	60	1	0	23.78	22.38	0.173
DFT-s-OFDM 16QAM	2592.99	518598	60	1	161	22.18	20.78	0.120
DFT-s-OFDM 16QAM	2592.99	518598	60	81	40	23.28	21.88	0.154
DFT-s-OFDM 16QAM	2592.99	518598	60	162	0	22.40	21.00	0.126
DFT-s-OFDM 64QAM	2592.99	518598	60	1	0	22.78	21.38	0.137
DFT-s-OFDM 64QAM	2592.99	518598	60	1	161	23.88	22.48	0.177
DFT-s-OFDM 64QAM	2592.99	518598	60	81	40	22.29	20.89	0.123
DFT-s-OFDM 64QAM	2592.99	518598	60	162	0	23.38	21.98	0.158
DFT-s-OFDM 256QAM	2592.99	518598	60	1	0	20.86	19.46	0.088
DFT-s-OFDM 256QAM	2592.99	518598	60	1	161	20.33	18.93	0.078
DFT-s-OFDM 256QAM	2592.99	518598	60	81	40	20.00	18.60	0.072
DFT-s-OFDM 256QAM	2592.99	518598	60	162	0	20.03	18.63	0.073
CP-OFDM QPSK	2592.99	518598	60	1	0	23.81	22.41	0.174
CP-OFDM QPSK	2592.99	518598	60	1	161	22.93	21.53	0.142
CP-OFDM QPSK	2592.99	518598	60	81	40	23.31	21.91	0.155

CP-OFDM QPSK	2592.99	518598	60	162	0	22.43	21.03	0.127
CP-OFDM 16QAM	2592.99	518598	60	1	0	23.53	22.13	0.163
CP-OFDM 16QAM	2592.99	518598	60	1	161	23.91	22.51	0.178
CP-OFDM 16QAM	2592.99	518598	60	81	40	23.03	21.63	0.146
CP-OFDM 16QAM	2592.99	518598	60	162	0	22.15	20.75	0.119
CP-OFDM 64QAM	2592.99	518598	60	1	0	22.21	20.81	0.121
CP-OFDM 64QAM	2592.99	518598	60	1	161	23.63	22.23	0.167
CP-OFDM 64QAM	2592.99	518598	60	81	40	22.75	21.35	0.136
CP-OFDM 64QAM	2592.99	518598	60	162	0	23.13	21.73	0.149
CP-OFDM 256QAM	2592.99	518598	60	1	0	19.95	18.55	0.072
CP-OFDM 256QAM	2592.99	518598	60	1	161	20.61	19.21	0.083
CP-OFDM 256QAM	2592.99	518598	60	81	40	20.84	19.44	0.088
CP-OFDM 256QAM	2592.99	518598	60	162	0	20.31	18.91	0.078
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	81	40	23.80	22.40	0.174
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	1	23.87	22.47	0.177
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	160	23.31	21.91	0.155
DFT-s-OFDM QPSK	2659.98	531996	60	81	40	22.43	21.03	0.127
DFT-s-OFDM QPSK	2659.98	531996	60	1	1	23.20	21.80	0.151
DFT-s-OFDM QPSK	2659.98	531996	60	1	160	22.31	20.91	0.123
DFT-s-OFDM QPSK	2659.98	531996	60	81	40	23.41	22.01	0.159
DFT-s-OFDM QPSK	2659.98	531996	60	162	0	22.53	21.13	0.130
DFT-s-OFDM 16QAM	2659.98	531996	60	1	0	23.63	22.23	0.167
DFT-s-OFDM 16QAM	2659.98	531996	60	1	161	22.42	21.02	0.126
DFT-s-OFDM 16QAM	2659.98	531996	60	81	40	23.52	22.12	0.163
DFT-s-OFDM 16QAM	2659.98	531996	60	162	0	22.63	21.23	0.133
DFT-s-OFDM 64QAM	2659.98	531996	60	1	0	23.73	22.33	0.171
DFT-s-OFDM 64QAM	2659.98	531996	60	1	161	22.85	21.45	0.140
DFT-s-OFDM 64QAM	2659.98	531996	60	81	40	22.91	21.51	0.142
DFT-s-OFDM 64QAM	2659.98	531996	60	162	0	22.03	20.63	0.116
DFT-s-OFDM 256QAM	2659.98	531996	60	1	0	20.89	19.49	0.089
DFT-s-OFDM 256QAM	2659.98	531996	60	1	161	19.94	18.54	0.071
DFT-s-OFDM 256QAM	2659.98	531996	60	81	40	20.60	19.20	0.083
DFT-s-OFDM 256QAM	2659.98	531996	60	162	0	19.88	18.48	0.070
CP-OFDM QPSK	2659.98	531996	60	1	0	23.23	21.83	0.152
CP-OFDM QPSK	2659.98	531996	60	1	161	22.34	20.94	0.124
CP-OFDM QPSK	2659.98	531996	60	81	40	23.44	22.04	0.160
CP-OFDM QPSK	2659.98	531996	60	162	0	22.56	21.16	0.131
CP-OFDM 16QAM	2659.98	531996	60	1	0	23.65	22.25	0.168
CP-OFDM 16QAM	2659.98	531996	60	1	161	22.77	21.37	0.137
CP-OFDM 16QAM	2659.98	531996	60	81	40	23.87	22.47	0.177
CP-OFDM 16QAM	2659.98	531996	60	162	0	22.66	21.26	0.134
CP-OFDM 64QAM	2659.98	531996	60	1	0	23.76	22.36	0.172
CP-OFDM 64QAM	2659.98	531996	60	1	161	22.87	21.47	0.140
CP-OFDM 64QAM	2659.98	531996	60	81	40	23.97	22.57	0.181
CP-OFDM 64QAM	2659.98	531996	60	162	0	23.09	21.69	0.148
CP-OFDM 256QAM	2659.98	531996	60	1	0	20.49	19.09	0.081

CP-OFDM 256QAM	2659.98	531996	60	1	161	20.38	18.98	0.079
CP-OFDM 256QAM	2659.98	531996	60	81	40	19.86	18.46	0.070
CP-OFDM 256QAM	2659.98	531996	60	162	0	20.51	19.11	0.081

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	2536.02	507204	80	108	54	22.80	21.40	0.138
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	1	23.19	21.79	0.151
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	215	22.31	20.91	0.123
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	22.69	21.29	0.135
DFT-s-OFDM QPSK	2536.02	507204	80	1	1	23.79	22.39	0.173
DFT-s-OFDM QPSK	2536.02	507204	80	1	215	22.91	21.51	0.142
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	23.29	21.89	0.155
DFT-s-OFDM QPSK	2536.02	507204	80	216	0	23.68	22.28	0.169
DFT-s-OFDM 16QAM	2536.02	507204	80	1	0	23.12	21.72	0.149
DFT-s-OFDM 16QAM	2536.02	507204	80	1	216	23.51	22.11	0.163
DFT-s-OFDM 16QAM	2536.02	507204	80	108	54	22.62	21.22	0.132
DFT-s-OFDM 16QAM	2536.02	507204	80	216	0	23.01	21.61	0.145
DFT-s-OFDM 64QAM	2536.02	507204	80	1	0	22.13	20.73	0.118
DFT-s-OFDM 64QAM	2536.02	507204	80	1	216	22.51	21.11	0.129
DFT-s-OFDM 64QAM	2536.02	507204	80	108	54	22.90	21.50	0.141
DFT-s-OFDM 64QAM	2536.02	507204	80	216	0	22.34	20.94	0.124
DFT-s-OFDM 256QAM	2536.02	507204	80	1	0	20.66	19.26	0.084
DFT-s-OFDM 256QAM	2536.02	507204	80	1	216	20.89	19.49	0.089
DFT-s-OFDM 256QAM	2536.02	507204	80	108	54	19.94	18.54	0.071
DFT-s-OFDM 256QAM	2536.02	507204	80	216	0	20.59	19.19	0.083
CP-OFDM QPSK	2536.02	507204	80	1	0	23.72	22.32	0.171
CP-OFDM QPSK	2536.02	507204	80	1	216	22.12	20.72	0.118
CP-OFDM QPSK	2536.02	507204	80	109	54	23.54	22.14	0.164
CP-OFDM QPSK	2536.02	507204	80	217	0	23.93	22.53	0.179
CP-OFDM 16QAM	2536.02	507204	80	1	0	22.34	20.94	0.124
CP-OFDM 16QAM	2536.02	507204	80	1	216	23.43	22.03	0.160
CP-OFDM 16QAM	2536.02	507204	80	109	54	23.82	22.42	0.175
CP-OFDM 16QAM	2536.02	507204	80	217	0	23.26	21.86	0.153
CP-OFDM 64QAM	2536.02	507204	80	1	0	23.65	22.25	0.168
CP-OFDM 64QAM	2536.02	507204	80	1	216	22.76	21.36	0.137
CP-OFDM 64QAM	2536.02	507204	80	109	54	23.15	21.75	0.150
CP-OFDM 64QAM	2536.02	507204	80	217	0	23.54	22.14	0.164
CP-OFDM 256QAM	2536.02	507204	80	1	0	20.95	19.55	0.090
CP-OFDM 256QAM	2536.02	507204	80	1	216	20.42	19.02	0.080
CP-OFDM 256QAM	2536.02	507204	80	109	54	20.09	18.69	0.074
CP-OFDM 256QAM	2536.02	507204	80	217	0	20.32	18.92	0.078
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	108	54	22.03	20.63	0.116
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	1	23.45	22.05	0.160
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	215	22.57	21.17	0.131
DFT-s-OFDM QPSK	2592.99	518598	80	108	54	22.96	21.56	0.143

DFT-s-OFDM QPSK	2592.99	518598	80	1	1	22.07	20.67	0.117
DFT-s-OFDM QPSK	2592.99	518598	80	1	215	23.17	21.77	0.150
DFT-s-OFDM QPSK	2592.99	518598	80	108	54	23.56	22.16	0.164
DFT-s-OFDM QPSK	2592.99	518598	80	216	0	22.67	21.27	0.134
DFT-s-OFDM 16QAM	2592.99	518598	80	1	0	23.06	21.66	0.147
DFT-s-OFDM 16QAM	2592.99	518598	80	1	216	22.18	20.78	0.120
DFT-s-OFDM 16QAM	2592.99	518598	80	108	54	22.56	21.16	0.131
DFT-s-OFDM 16QAM	2592.99	518598	80	216	0	23.66	22.26	0.168
DFT-s-OFDM 64QAM	2592.99	518598	80	1	0	22.07	20.67	0.117
DFT-s-OFDM 64QAM	2592.99	518598	80	1	216	23.16	21.76	0.150
DFT-s-OFDM 64QAM	2592.99	518598	80	108	54	22.28	20.88	0.122
DFT-s-OFDM 64QAM	2592.99	518598	80	216	0	22.67	21.27	0.134
DFT-s-OFDM 256QAM	2592.99	518598	80	1	0	20.85	19.45	0.088
DFT-s-OFDM 256QAM	2592.99	518598	80	1	216	19.90	18.50	0.071
DFT-s-OFDM 256QAM	2592.99	518598	80	108	54	20.56	19.16	0.082
DFT-s-OFDM 256QAM	2592.99	518598	80	216	0	20.79	19.39	0.087
CP-OFDM QPSK	2592.99	518598	80	1	0	22.77	21.37	0.137
CP-OFDM QPSK	2592.99	518598	80	1	216	22.21	20.81	0.121
CP-OFDM QPSK	2592.99	518598	80	109	54	22.27	20.87	0.122
CP-OFDM QPSK	2592.99	518598	80	217	0	23.37	21.97	0.157
CP-OFDM 16QAM	2592.99	518598	80	1	0	22.81	21.41	0.138
CP-OFDM 16QAM	2592.99	518598	80	1	216	22.87	21.47	0.140
CP-OFDM 16QAM	2592.99	518598	80	109	54	22.31	20.91	0.123
CP-OFDM 16QAM	2592.99	518598	80	217	0	23.41	22.01	0.159
CP-OFDM 64QAM	2592.99	518598	80	1	0	23.80	22.40	0.174
CP-OFDM 64QAM	2592.99	518598	80	1	216	22.91	21.51	0.142
CP-OFDM 64QAM	2592.99	518598	80	109	54	22.03	20.63	0.116
CP-OFDM 64QAM	2592.99	518598	80	217	0	22.09	20.69	0.117
CP-OFDM 256QAM	2592.99	518598	80	1	0	20.70	19.30	0.085
CP-OFDM 256QAM	2592.99	518598	80	1	216	20.18	18.78	0.076
CP-OFDM 256QAM	2592.99	518598	80	109	54	20.41	19.01	0.080
CP-OFDM 256QAM	2592.99	518598	80	217	0	19.88	18.48	0.070
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	108	54	23.08	21.68	0.147
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	1	22.20	20.80	0.120
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	215	23.30	21.90	0.155
DFT-s-OFDM QPSK	2649.99	529998	80	108	54	22.41	21.01	0.126
DFT-s-OFDM QPSK	2649.99	529998	80	1	1	23.19	21.79	0.151
DFT-s-OFDM QPSK	2649.99	529998	80	1	215	22.30	20.90	0.123
DFT-s-OFDM QPSK	2649.99	529998	80	108	54	23.40	22.00	0.158
DFT-s-OFDM QPSK	2649.99	529998	80	216	0	22.52	21.12	0.129
DFT-s-OFDM 16QAM	2649.99	529998	80	1	0	23.61	22.21	0.166
DFT-s-OFDM 16QAM	2649.99	529998	80	1	216	22.41	21.01	0.126
DFT-s-OFDM 16QAM	2649.99	529998	80	108	54	23.50	22.10	0.162
DFT-s-OFDM 16QAM	2649.99	529998	80	216	0	22.62	21.22	0.132
DFT-s-OFDM 64QAM	2649.99	529998	80	1	0	23.39	21.99	0.158
DFT-s-OFDM 64QAM	2649.99	529998	80	1	216	22.51	21.11	0.129

DFT-s-OFDM 64QAM	2649.99	529998	80	108	54	23.61	22.21	0.166
DFT-s-OFDM 64QAM	2649.99	529998	80	216	0	22.72	21.32	0.136
DFT-s-OFDM 256QAM	2649.99	529998	80	1	0	20.89	19.49	0.089
DFT-s-OFDM 256QAM	2649.99	529998	80	1	216	20.36	18.96	0.079
DFT-s-OFDM 256QAM	2649.99	529998	80	108	54	19.83	18.43	0.070
DFT-s-OFDM 256QAM	2649.99	529998	80	216	0	20.29	18.89	0.077
CP-OFDM QPSK	2649.99	529998	80	1	0	23.92	22.52	0.179
CP-OFDM QPSK	2649.99	529998	80	1	216	23.04	21.64	0.146
CP-OFDM QPSK	2649.99	529998	80	109	54	22.16	20.76	0.119
CP-OFDM QPSK	2649.99	529998	80	217	0	23.25	21.85	0.153
CP-OFDM 16QAM	2649.99	529998	80	1	0	22.37	20.97	0.125
CP-OFDM 16QAM	2649.99	529998	80	1	216	22.43	21.03	0.127
CP-OFDM 16QAM	2649.99	529998	80	109	54	23.53	22.13	0.163
CP-OFDM 16QAM	2649.99	529998	80	217	0	23.36	21.96	0.157
CP-OFDM 64QAM	2649.99	529998	80	1	0	22.47	21.07	0.128
CP-OFDM 64QAM	2649.99	529998	80	1	216	23.57	22.17	0.165
CP-OFDM 64QAM	2649.99	529998	80	109	54	23.63	22.23	0.167
CP-OFDM 64QAM	2649.99	529998	80	217	0	22.75	21.35	0.136
CP-OFDM 256QAM	2649.99	529998	80	1	0	20.15	18.75	0.075
CP-OFDM 256QAM	2649.99	529998	80	1	216	20.80	19.40	0.087
CP-OFDM 256QAM	2649.99	529998	80	109	54	20.27	18.87	0.077
CP-OFDM 256QAM	2649.99	529998	80	217	0	20.31	18.91	0.078

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	2541	508200	90	120	60	22.37	20.97	0.125
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	1	23.47	22.07	0.161
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	243	23.85	22.45	0.176
DFT-s-OFDM QPSK	2541	508200	90	120	60	22.26	20.86	0.122
DFT-s-OFDM QPSK	2541	508200	90	1	1	23.36	21.96	0.157
DFT-s-OFDM QPSK	2541	508200	90	1	243	23.74	22.34	0.171
DFT-s-OFDM QPSK	2541	508200	90	120	60	22.86	21.46	0.140
DFT-s-OFDM QPSK	2541	508200	90	243	0	22.30	20.90	0.123
DFT-s-OFDM 16QAM	2541	508200	90	1	0	22.36	20.96	0.125
DFT-s-OFDM 16QAM	2541	508200	90	1	244	23.78	22.38	0.173
DFT-s-OFDM 16QAM	2541	508200	90	120	60	22.90	21.50	0.141
DFT-s-OFDM 16QAM	2541	508200	90	243	0	23.29	21.89	0.155
DFT-s-OFDM 64QAM	2541	508200	90	1	0	23.67	22.27	0.169
DFT-s-OFDM 64QAM	2541	508200	90	1	244	22.08	20.68	0.117
DFT-s-OFDM 64QAM	2541	508200	90	120	60	23.18	21.78	0.151
DFT-s-OFDM 64QAM	2541	508200	90	243	0	23.56	22.16	0.164
DFT-s-OFDM 256QAM	2541	508200	90	1	0	20.21	18.81	0.076
DFT-s-OFDM 256QAM	2541	508200	90	1	244	20.86	19.46	0.088
DFT-s-OFDM 256QAM	2541	508200	90	120	60	19.91	18.51	0.071
DFT-s-OFDM 256QAM	2541	508200	90	243	0	20.76	19.36	0.086
CP-OFDM QPSK	2541	508200	90	1	0	22.72	21.32	0.136

CP-OFDM QPSK	2541	508200	90	1	244	22.78	21.38	0.137
CP-OFDM QPSK	2541	508200	90	123	61	22.23	20.83	0.121
CP-OFDM QPSK	2541	508200	90	245	0	22.61	21.21	0.132
CP-OFDM 16QAM	2541	508200	90	1	0	23.00	21.60	0.145
CP-OFDM 16QAM	2541	508200	90	1	244	22.12	20.72	0.118
CP-OFDM 16QAM	2541	508200	90	123	61	22.50	21.10	0.129
CP-OFDM 16QAM	2541	508200	90	245	0	22.33	20.93	0.124
CP-OFDM 64QAM	2541	508200	90	1	0	22.72	21.32	0.136
CP-OFDM 64QAM	2541	508200	90	1	244	23.10	21.70	0.148
CP-OFDM 64QAM	2541	508200	90	123	61	22.22	20.82	0.121
CP-OFDM 64QAM	2541	508200	90	245	0	22.61	21.21	0.132
CP-OFDM 256QAM	2541	508200	90	1	0	20.82	19.42	0.087
CP-OFDM 256QAM	2541	508200	90	1	244	20.48	19.08	0.081
CP-OFDM 256QAM	2541	508200	90	123	61	20.71	19.31	0.085
CP-OFDM 256QAM	2541	508200	90	245	0	20.19	18.79	0.076
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	120	60	22.03	20.63	0.116
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	1	22.41	21.01	0.126
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	243	23.51	22.11	0.163
DFT-s-OFDM QPSK	2592.99	518598	90	120	60	23.89	22.49	0.177
DFT-s-OFDM QPSK	2592.99	518598	90	1	1	23.01	21.61	0.145
DFT-s-OFDM QPSK	2592.99	518598	90	1	243	22.13	20.73	0.118
DFT-s-OFDM QPSK	2592.99	518598	90	120	60	22.52	21.12	0.129
DFT-s-OFDM QPSK	2592.99	518598	90	243	0	23.61	22.21	0.166
DFT-s-OFDM 16QAM	2592.99	518598	90	1	0	22.73	21.33	0.136
DFT-s-OFDM 16QAM	2592.99	518598	90	1	244	23.12	21.72	0.149
DFT-s-OFDM 16QAM	2592.99	518598	90	120	60	22.23	20.83	0.121
DFT-s-OFDM 16QAM	2592.99	518598	90	243	0	23.33	21.93	0.156
DFT-s-OFDM 64QAM	2592.99	518598	90	1	0	23.72	22.32	0.171
DFT-s-OFDM 64QAM	2592.99	518598	90	1	244	22.83	21.43	0.139
DFT-s-OFDM 64QAM	2592.99	518598	90	120	60	22.27	20.87	0.122
DFT-s-OFDM 64QAM	2592.99	518598	90	243	0	22.34	20.94	0.124
DFT-s-OFDM 256QAM	2592.99	518598	90	1	0	20.85	19.45	0.088
DFT-s-OFDM 256QAM	2592.99	518598	90	1	244	20.13	18.73	0.075
DFT-s-OFDM 256QAM	2592.99	518598	90	120	60	20.03	18.63	0.073
DFT-s-OFDM 256QAM	2592.99	518598	90	243	0	20.49	19.09	0.081
CP-OFDM QPSK	2592.99	518598	90	1	0	22.98	21.58	0.144
CP-OFDM QPSK	2592.99	518598	90	1	244	22.09	20.69	0.117
CP-OFDM QPSK	2592.99	518598	90	123	61	22.48	21.08	0.128
CP-OFDM QPSK	2592.99	518598	90	245	0	23.58	22.18	0.165
CP-OFDM 16QAM	2592.99	518598	90	1	0	22.69	21.29	0.135
CP-OFDM 16QAM	2592.99	518598	90	1	244	22.76	21.36	0.137
CP-OFDM 16QAM	2592.99	518598	90	123	61	23.85	22.45	0.176
CP-OFDM 16QAM	2592.99	518598	90	245	0	22.97	21.57	0.144
CP-OFDM 64QAM	2592.99	518598	90	1	0	23.36	21.96	0.157
CP-OFDM 64QAM	2592.99	518598	90	1	244	22.47	21.07	0.128
CP-OFDM 64QAM	2592.99	518598	90	123	61	23.57	22.17	0.165

CP-OFDM 64QAM	2592.99	518598	90	245	0	22.69	21.29	0.135
CP-OFDM 256QAM	2592.99	518598	90	1	0	20.44	19.04	0.080
CP-OFDM 256QAM	2592.99	518598	90	1	244	20.34	18.94	0.078
CP-OFDM 256QAM	2592.99	518598	90	123	61	20.57	19.17	0.083
CP-OFDM 256QAM	2592.99	518598	90	245	0	20.04	18.64	0.073
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	120	60	22.19	20.79	0.120
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	1	23.28	21.88	0.154
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	243	22.40	21.00	0.126
DFT-s-OFDM QPSK	2644.98	528996	90	120	60	23.17	21.77	0.150
DFT-s-OFDM QPSK	2644.98	528996	90	1	1	22.29	20.89	0.123
DFT-s-OFDM QPSK	2644.98	528996	90	1	243	23.39	21.99	0.158
DFT-s-OFDM QPSK	2644.98	528996	90	120	60	22.50	21.10	0.129
DFT-s-OFDM QPSK	2644.98	528996	90	243	0	23.60	22.20	0.166
DFT-s-OFDM 16QAM	2644.98	528996	90	1	0	22.39	20.99	0.126
DFT-s-OFDM 16QAM	2644.98	528996	90	1	244	23.49	22.09	0.162
DFT-s-OFDM 16QAM	2644.98	528996	90	120	60	22.61	21.21	0.132
DFT-s-OFDM 16QAM	2644.98	528996	90	243	0	23.70	22.30	0.170
DFT-s-OFDM 64QAM	2644.98	528996	90	1	0	22.82	21.42	0.139
DFT-s-OFDM 64QAM	2644.98	528996	90	1	244	23.59	22.19	0.166
DFT-s-OFDM 64QAM	2644.98	528996	90	120	60	22.71	21.31	0.135
DFT-s-OFDM 64QAM	2644.98	528996	90	243	0	23.81	22.41	0.174
DFT-s-OFDM 256QAM	2644.98	528996	90	1	0	20.78	19.38	0.087
DFT-s-OFDM 256QAM	2644.98	528996	90	1	244	20.81	19.41	0.087
DFT-s-OFDM 256QAM	2644.98	528996	90	120	60	20.29	18.89	0.077
DFT-s-OFDM 256QAM	2644.98	528996	90	243	0	20.18	18.78	0.076
CP-OFDM QPSK	2644.98	528996	90	1	0	23.74	22.34	0.171
CP-OFDM QPSK	2644.98	528996	90	1	244	22.85	21.45	0.140
CP-OFDM QPSK	2644.98	528996	90	123	61	22.92	21.52	0.142
CP-OFDM QPSK	2644.98	528996	90	245	0	22.74	21.34	0.136
CP-OFDM 16QAM	2644.98	528996	90	1	0	23.84	22.44	0.175
CP-OFDM 16QAM	2644.98	528996	90	1	244	22.96	21.56	0.143
CP-OFDM 16QAM	2644.98	528996	90	123	61	22.08	20.68	0.117
CP-OFDM 16QAM	2644.98	528996	90	245	0	22.14	20.74	0.119
CP-OFDM 64QAM	2644.98	528996	90	1	0	23.23	21.83	0.152
CP-OFDM 64QAM	2644.98	528996	90	1	244	23.06	21.66	0.147
CP-OFDM 64QAM	2644.98	528996	90	123	61	22.18	20.78	0.120
CP-OFDM 64QAM	2644.98	528996	90	245	0	23.28	21.88	0.154
CP-OFDM 256QAM	2644.98	528996	90	1	0	20.60	19.20	0.083
CP-OFDM 256QAM	2644.98	528996	90	1	244	20.50	19.10	0.081
CP-OFDM 256QAM	2644.98	528996	90	123	61	19.97	18.57	0.072
CP-OFDM 256QAM	2644.98	528996	90	245	0	20.62	19.22	0.084

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	22.15	20.75	0.119
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	1	22.54	21.14	0.130

DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	271	23.63	22.23	0.167
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	22.04	20.64	0.116
DFT-s-OFDM QPSK	2546.01	509202	100	1	1	22.43	21.03	0.127
DFT-s-OFDM QPSK	2546.01	509202	100	1	271	23.52	22.12	0.163
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	22.96	21.56	0.143
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	23.03	21.63	0.146
DFT-s-OFDM 16QAM	2546.01	509202	100	1	0	22.47	21.07	0.128
DFT-s-OFDM 16QAM	2546.01	509202	100	1	272	23.56	22.16	0.164
DFT-s-OFDM 16QAM	2546.01	509202	100	135	67	23.95	22.55	0.180
DFT-s-OFDM 16QAM	2546.01	509202	100	270	0	23.07	21.67	0.147
DFT-s-OFDM 64QAM	2546.01	509202	100	1	0	23.45	22.05	0.160
DFT-s-OFDM 64QAM	2546.01	509202	100	1	272	23.84	22.44	0.175
DFT-s-OFDM 64QAM	2546.01	509202	100	135	67	22.96	21.56	0.143
DFT-s-OFDM 64QAM	2546.01	509202	100	270	0	23.34	21.94	0.156
DFT-s-OFDM 256QAM	2546.01	509202	100	1	0	20.27	18.87	0.077
DFT-s-OFDM 256QAM	2546.01	509202	100	1	272	20.31	18.91	0.078
DFT-s-OFDM 256QAM	2546.01	509202	100	135	67	19.97	18.57	0.072
DFT-s-OFDM 256QAM	2546.01	509202	100	270	0	20.63	19.23	0.084
CP-OFDM QPSK	2546.01	509202	100	1	0	23.77	22.37	0.173
CP-OFDM QPSK	2546.01	509202	100	1	272	22.89	21.49	0.141
CP-OFDM QPSK	2546.01	509202	100	137	68	23.27	21.87	0.154
CP-OFDM QPSK	2546.01	509202	100	273	0	23.66	22.26	0.168
CP-OFDM 16QAM	2546.01	509202	100	1	0	22.78	21.38	0.137
CP-OFDM 16QAM	2546.01	509202	100	1	272	23.16	21.76	0.150
CP-OFDM 16QAM	2546.01	509202	100	137	68	22.28	20.88	0.122
CP-OFDM 16QAM	2546.01	509202	100	273	0	23.38	21.98	0.158
CP-OFDM 64QAM	2546.01	509202	100	1	0	22.50	21.10	0.129
CP-OFDM 64QAM	2546.01	509202	100	1	272	23.59	22.19	0.166
CP-OFDM 64QAM	2546.01	509202	100	137	68	22.71	21.31	0.135
CP-OFDM 64QAM	2546.01	509202	100	273	0	23.10	21.70	0.148
CP-OFDM 256QAM	2546.01	509202	100	1	0	19.93	18.53	0.071
CP-OFDM 256QAM	2546.01	509202	100	1	272	20.16	18.76	0.075
CP-OFDM 256QAM	2546.01	509202	100	137	68	20.81	19.41	0.087
CP-OFDM 256QAM	2546.01	509202	100	273	0	20.29	18.89	0.077
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	135	67	22.29	20.89	0.123
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	1	23.39	21.99	0.158
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	271	22.51	21.11	0.129
DFT-s-OFDM QPSK	2592.99	518598	100	135	67	22.90	21.50	0.141
DFT-s-OFDM QPSK	2592.99	518598	100	1	1	22.01	20.61	0.115
DFT-s-OFDM QPSK	2592.99	518598	100	1	271	23.11	21.71	0.148
DFT-s-OFDM QPSK	2592.99	518598	100	135	67	22.23	20.83	0.121
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	23.32	21.92	0.156
DFT-s-OFDM 16QAM	2592.99	518598	100	1	0	22.44	21.04	0.127
DFT-s-OFDM 16QAM	2592.99	518598	100	1	272	22.83	21.43	0.139
DFT-s-OFDM 16QAM	2592.99	518598	100	135	67	23.92	22.52	0.179
DFT-s-OFDM 16QAM	2592.99	518598	100	270	0	23.04	21.64	0.146

DFT-s-OFDM 64QAM	2592.99	518598	100	1	0	23.43	22.03	0.160
DFT-s-OFDM 64QAM	2592.99	518598	100	1	272	22.54	21.14	0.130
DFT-s-OFDM 64QAM	2592.99	518598	100	135	67	23.64	22.24	0.167
DFT-s-OFDM 64QAM	2592.99	518598	100	270	0	22.05	20.65	0.116
DFT-s-OFDM 256QAM	2592.99	518598	100	1	0	20.41	19.01	0.080
DFT-s-OFDM 256QAM	2592.99	518598	100	1	272	19.89	18.49	0.071
DFT-s-OFDM 256QAM	2592.99	518598	100	135	67	20.54	19.14	0.082
DFT-s-OFDM 256QAM	2592.99	518598	100	270	0	20.58	19.18	0.083
CP-OFDM QPSK	2592.99	518598	100	1	0	22.42	21.02	0.126
CP-OFDM QPSK	2592.99	518598	100	1	272	23.52	22.12	0.163
CP-OFDM QPSK	2592.99	518598	100	137	68	22.63	21.23	0.133
CP-OFDM QPSK	2592.99	518598	100	273	0	23.02	21.62	0.145
CP-OFDM 16QAM	2592.99	518598	100	1	0	22.14	20.74	0.119
CP-OFDM 16QAM	2592.99	518598	100	1	272	23.23	21.83	0.152
CP-OFDM 16QAM	2592.99	518598	100	137	68	22.35	20.95	0.124
CP-OFDM 16QAM	2592.99	518598	100	273	0	23.45	22.05	0.160
CP-OFDM 64QAM	2592.99	518598	100	1	0	22.57	21.17	0.131
CP-OFDM 64QAM	2592.99	518598	100	1	272	22.95	21.55	0.143
CP-OFDM 64QAM	2592.99	518598	100	137	68	22.07	20.67	0.117
CP-OFDM 64QAM	2592.99	518598	100	273	0	22.45	21.05	0.127
CP-OFDM 256QAM	2592.99	518598	100	1	0	20.73	19.33	0.086
CP-OFDM 256QAM	2592.99	518598	100	1	272	20.20	18.80	0.076
CP-OFDM 256QAM	2592.99	518598	100	137	68	20.85	19.45	0.088
CP-OFDM 256QAM	2592.99	518598	100	273	0	20.33	18.93	0.078
DFT-s-OFDM PI/2 BPSK	2640	528000	100	135	67	23.66	22.26	0.168
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	1	22.77	21.37	0.137
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	271	23.87	22.47	0.177
DFT-s-OFDM QPSK	2640	528000	100	135	67	23.70	22.30	0.170
DFT-s-OFDM QPSK	2640	528000	100	1	1	23.76	22.36	0.172
DFT-s-OFDM QPSK	2640	528000	100	1	271	22.88	21.48	0.141
DFT-s-OFDM QPSK	2640	528000	100	135	67	22.70	21.30	0.135
DFT-s-OFDM QPSK	2640	528000	100	270	0	23.09	21.69	0.148
DFT-s-OFDM 16QAM	2640	528000	100	1	0	22.92	21.52	0.142
DFT-s-OFDM 16QAM	2640	528000	100	1	272	22.98	21.58	0.144
DFT-s-OFDM 16QAM	2640	528000	100	135	67	22.10	20.70	0.117
DFT-s-OFDM 16QAM	2640	528000	100	270	0	23.90	22.50	0.178
DFT-s-OFDM 64QAM	2640	528000	100	1	0	23.02	21.62	0.145
DFT-s-OFDM 64QAM	2640	528000	100	1	272	22.14	20.74	0.119
DFT-s-OFDM 64QAM	2640	528000	100	135	67	22.20	20.80	0.120
DFT-s-OFDM 64QAM	2640	528000	100	270	0	23.30	21.90	0.155
DFT-s-OFDM 256QAM	2640	528000	100	1	0	20.47	19.07	0.081
DFT-s-OFDM 256QAM	2640	528000	100	1	272	19.95	18.55	0.072
DFT-s-OFDM 256QAM	2640	528000	100	135	67	20.60	19.20	0.083
DFT-s-OFDM 256QAM	2640	528000	100	270	0	20.64	19.24	0.084
CP-OFDM QPSK	2640	528000	100	1	0	22.52	21.12	0.129
CP-OFDM QPSK	2640	528000	100	1	272	22.35	20.95	0.124

CP-OFDM QPSK	2640	528000	100	137	68	23.44	22.04	0.160
CP-OFDM QPSK	2640	528000	100	273	0	22.56	21.16	0.131
CP-OFDM 16QAM	2640	528000	100	1	0	23.33	21.93	0.156
CP-OFDM 16QAM	2640	528000	100	1	272	22.45	21.05	0.127
CP-OFDM 16QAM	2640	528000	100	137	68	23.55	22.15	0.164
CP-OFDM 16QAM	2640	528000	100	273	0	22.66	21.26	0.134
CP-OFDM 64QAM	2640	528000	100	1	0	23.76	22.36	0.172
CP-OFDM 64QAM	2640	528000	100	1	272	23.82	22.42	0.175
CP-OFDM 64QAM	2640	528000	100	137	68	23.65	22.25	0.168
CP-OFDM 64QAM	2640	528000	100	273	0	22.77	21.37	0.137
CP-OFDM 256QAM	2640	528000	100	1	0	20.91	19.51	0.089
CP-OFDM 256QAM	2640	528000	100	1	272	20.19	18.79	0.076
CP-OFDM 256QAM	2640	528000	100	137	68	20.85	19.45	0.088
CP-OFDM 256QAM	2640	528000	100	273	0	20.32	18.92	0.078