



APPENDIX A – TEST DATA OF CONDUCTED EMISSION

66A_N41A(2496-2690)

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	1	0	23.12
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	50	23.13
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	25	12	23.12
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	50	0	23.16
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	23.15
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	50	23.20
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	25	12	23.20
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	50	0	23.00
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	23.09
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	50	23.28
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	25	12	23.33
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	50	0	23.36
DFT-s-OFDM QPSK	2506.02	501204	20	1	0	22.92
DFT-s-OFDM QPSK	2506.02	501204	20	1	50	22.86
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	23.77
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	23.21
DFT-s-OFDM QPSK	2506.02	501204	20	1	0	23.13
DFT-s-OFDM QPSK	2506.02	501204	20	1	50	23.29
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	23.97
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	23.39
DFT-s-OFDM QPSK	2506.02	501204	20	1	0	23.18
DFT-s-OFDM QPSK	2506.02	501204	20	1	50	23.12
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	23.87
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	23.32
DFT-s-OFDM 16QAM	2506.02	501204	20	1	0	21.97
DFT-s-OFDM 16QAM	2506.02	501204	20	1	50	22.00
DFT-s-OFDM 16QAM	2506.02	501204	20	25	12	23.10
DFT-s-OFDM 16QAM	2506.02	501204	20	50	0	22.02
DFT-s-OFDM 64QAM	2506.02	501204	20	1	0	21.59
DFT-s-OFDM 64QAM	2506.02	501204	20	1	50	21.62
DFT-s-OFDM 64QAM	2506.02	501204	20	25	12	21.60
DFT-s-OFDM 64QAM	2506.02	501204	20	50	0	21.68
DFT-s-OFDM 256QAM	2506.02	501204	20	1	0	19.44
DFT-s-OFDM 256QAM	2506.02	501204	20	1	50	19.39
DFT-s-OFDM 256QAM	2506.02	501204	20	25	12	19.82
DFT-s-OFDM 256QAM	2506.02	501204	20	50	0	19.65
CP-OFDM QPSK	2592.99	518598	20	1	0	21.23
CP-OFDM QPSK	2592.99	518598	20	1	50	21.34
CP-OFDM QPSK	2592.99	518598	20	25	12	22.57
CP-OFDM QPSK	2592.99	518598	20	51	0	21.27
CP-OFDM 16QAM	2592.99	518598	20	1	0	21.13



CP-OFDM 16QAM	2592.99	518598	20	1	50	21.35
CP-OFDM 16QAM	2592.99	518598	20	25	12	22.16
CP-OFDM 16QAM	2592.99	518598	20	51	0	21.14
CP-OFDM 64QAM	2592.99	518598	20	1	0	20.40
CP-OFDM 64QAM	2592.99	518598	20	1	50	20.45
CP-OFDM 64QAM	2592.99	518598	20	25	12	21.18
CP-OFDM 64QAM	2592.99	518598	20	51	0	20.75
CP-OFDM 256QAM	2592.99	518598	20	1	0	17.65
CP-OFDM 256QAM	2592.99	518598	20	1	50	17.73
CP-OFDM 256QAM	2592.99	518598	20	25	12	18.07
CP-OFDM 256QAM	2592.99	518598	20	51	0	18.04
DFT-s-OFDM 16QAM	2592.99	518598	20	1	0	22.25
DFT-s-OFDM 16QAM	2592.99	518598	20	1	50	22.41
DFT-s-OFDM 16QAM	2592.99	518598	20	25	12	23.30
DFT-s-OFDM 16QAM	2592.99	518598	20	50	0	22.28
DFT-s-OFDM 64QAM	2592.99	518598	20	1	0	21.63
DFT-s-OFDM 64QAM	2592.99	518598	20	1	50	21.75
DFT-s-OFDM 64QAM	2592.99	518598	20	25	12	21.90
DFT-s-OFDM 64QAM	2592.99	518598	20	50	0	21.97
DFT-s-OFDM 256QAM	2592.99	518598	20	1	0	19.66
DFT-s-OFDM 256QAM	2592.99	518598	20	1	50	19.79
DFT-s-OFDM 256QAM	2592.99	518598	20	25	12	19.98
DFT-s-OFDM 256QAM	2592.99	518598	20	50	0	19.99
CP-OFDM QPSK	2592.99	518598	20	1	0	21.46
CP-OFDM QPSK	2592.99	518598	20	1	50	21.62
CP-OFDM QPSK	2592.99	518598	20	25	12	22.93
CP-OFDM QPSK	2592.99	518598	20	51	0	21.51
CP-OFDM 16QAM	2592.99	518598	20	1	0	21.33
CP-OFDM 16QAM	2592.99	518598	20	1	50	21.54
CP-OFDM 16QAM	2592.99	518598	20	25	12	22.58
CP-OFDM 16QAM	2592.99	518598	20	51	0	21.50
CP-OFDM 64QAM	2679.99	535998	20	1	0	20.59
CP-OFDM 64QAM	2679.99	535998	20	1	50	20.83
CP-OFDM 64QAM	2679.99	535998	20	25	12	21.09
CP-OFDM 64QAM	2679.99	535998	20	51	0	21.03
CP-OFDM 256QAM	2679.99	535998	20	1	0	17.91
CP-OFDM 256QAM	2679.99	535998	20	1	50	18.11
CP-OFDM 256QAM	2679.99	535998	20	25	12	18.30
CP-OFDM 256QAM	2679.99	535998	20	51	0	18.30
DFT-s-OFDM 16QAM	2679.99	535998	20	1	0	22.31
DFT-s-OFDM 16QAM	2679.99	535998	20	1	50	22.17
DFT-s-OFDM 16QAM	2679.99	535998	20	25	12	23.19
DFT-s-OFDM 16QAM	2679.99	535998	20	50	0	22.21
DFT-s-OFDM 64QAM	2679.99	535998	20	1	0	21.61
DFT-s-OFDM 64QAM	2679.99	535998	20	1	50	21.53
DFT-s-OFDM 64QAM	2679.99	535998	20	25	12	21.71



DFT-s-OFDM 64QAM	2679.99	535998	20	50	0	21.56
DFT-s-OFDM 256QAM	2679.99	535998	20	1	0	19.64
DFT-s-OFDM 256QAM	2679.99	535998	20	1	50	19.64
DFT-s-OFDM 256QAM	2679.99	535998	20	25	12	19.94
DFT-s-OFDM 256QAM	2679.99	535998	20	50	0	19.98
CP-OFDM QPSK	2679.99	535998	20	1	0	21.49
CP-OFDM QPSK	2679.99	535998	20	1	50	21.35
CP-OFDM QPSK	2679.99	535998	20	25	12	22.90
CP-OFDM QPSK	2679.99	535998	20	51	0	21.44
CP-OFDM 16QAM	2679.99	535998	20	1	0	21.44
CP-OFDM 16QAM	2679.99	535998	20	1	50	21.39
CP-OFDM 16QAM	2679.99	535998	20	25	12	22.46
CP-OFDM 16QAM	2679.99	535998	20	51	0	21.38
CP-OFDM 64QAM	2679.99	535998	20	1	0	20.61
CP-OFDM 64QAM	2679.99	535998	20	1	50	20.52
CP-OFDM 64QAM	2679.99	535998	20	25	12	21.05
CP-OFDM 64QAM	2679.99	535998	20	51	0	20.98
CP-OFDM 256QAM	2679.99	535998	20	1	0	17.96
CP-OFDM 256QAM	2679.99	535998	20	1	50	17.83
CP-OFDM 256QAM	2679.99	535998	20	25	12	18.29
CP-OFDM 256QAM	2679.99	535998	20	51	0	18.24

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	23.11
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	77	23.16
DFT-s-OFDM PI/2 BPSK	2511	502200	30	36	18	23.14
DFT-s-OFDM PI/2 BPSK	2511	502200	30	75	0	23.13
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	23.19
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	77	23.22
DFT-s-OFDM PI/2 BPSK	2511	502200	30	36	18	23.20
DFT-s-OFDM PI/2 BPSK	2511	502200	30	75	0	23.15
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	23.35
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	77	23.25
DFT-s-OFDM PI/2 BPSK	2511	502200	30	36	18	23.29
DFT-s-OFDM PI/2 BPSK	2511	502200	30	75	0	23.36
DFT-s-OFDM QPSK	2511	502200	30	1	0	23.05
DFT-s-OFDM QPSK	2511	502200	30	1	77	23.10
DFT-s-OFDM QPSK	2511	502200	30	36	18	23.76
DFT-s-OFDM QPSK	2511	502200	30	75	0	23.19
DFT-s-OFDM QPSK	2511	502200	30	1	0	23.28
DFT-s-OFDM QPSK	2511	502200	30	1	77	23.43
DFT-s-OFDM QPSK	2511	502200	30	36	18	23.99
DFT-s-OFDM QPSK	2511	502200	30	75	0	23.51
DFT-s-OFDM QPSK	2511	502200	30	1	0	23.35
DFT-s-OFDM QPSK	2511	502200	30	1	77	23.11



DFT-s-OFDM QPSK	2511	502200	30	36	18	23.78
DFT-s-OFDM QPSK	2511	502200	30	75	0	23.25
DFT-s-OFDM 16QAM	2511	502200	30	1	0	22.18
DFT-s-OFDM 16QAM	2511	502200	30	1	77	22.23
DFT-s-OFDM 16QAM	2511	502200	30	36	18	23.06
DFT-s-OFDM 16QAM	2511	502200	30	75	0	22.25
DFT-s-OFDM 64QAM	2511	502200	30	1	0	21.45
DFT-s-OFDM 64QAM	2511	502200	30	1	77	21.54
DFT-s-OFDM 64QAM	2511	502200	30	36	18	21.65
DFT-s-OFDM 64QAM	2511	502200	30	75	0	21.78
DFT-s-OFDM 256QAM	2511	502200	30	1	0	19.45
DFT-s-OFDM 256QAM	2511	502200	30	1	77	19.69
DFT-s-OFDM 256QAM	2511	502200	30	36	18	20.01
DFT-s-OFDM 256QAM	2511	502200	30	75	0	19.77
CP-OFDM QPSK	2592.99	518598	30	1	0	21.25
CP-OFDM QPSK	2592.99	518598	30	1	77	21.36
CP-OFDM QPSK	2592.99	518598	30	39	19	22.48
CP-OFDM QPSK	2592.99	518598	30	78	0	21.32
CP-OFDM 16QAM	2592.99	518598	30	1	0	21.27
CP-OFDM 16QAM	2592.99	518598	30	1	77	21.30
CP-OFDM 16QAM	2592.99	518598	30	39	19	22.24
CP-OFDM 16QAM	2592.99	518598	30	78	0	21.26
CP-OFDM 64QAM	2592.99	518598	30	1	0	20.53
CP-OFDM 64QAM	2592.99	518598	30	1	77	20.65
CP-OFDM 64QAM	2592.99	518598	30	39	19	20.92
CP-OFDM 64QAM	2592.99	518598	30	78	0	21.11
CP-OFDM 256QAM	2592.99	518598	30	1	0	17.84
CP-OFDM 256QAM	2592.99	518598	30	1	77	17.90
CP-OFDM 256QAM	2592.99	518598	30	39	19	18.04
CP-OFDM 256QAM	2592.99	518598	30	78	0	18.20
DFT-s-OFDM 16QAM	2592.99	518598	30	1	0	22.40
DFT-s-OFDM 16QAM	2592.99	518598	30	1	77	22.55
DFT-s-OFDM 16QAM	2592.99	518598	30	36	18	23.27
DFT-s-OFDM 16QAM	2592.99	518598	30	75	0	22.10
DFT-s-OFDM 64QAM	2592.99	518598	30	1	0	21.76
DFT-s-OFDM 64QAM	2592.99	518598	30	1	77	21.89
DFT-s-OFDM 64QAM	2592.99	518598	30	36	18	21.95
DFT-s-OFDM 64QAM	2592.99	518598	30	75	0	21.96
DFT-s-OFDM 256QAM	2592.99	518598	30	1	0	19.68
DFT-s-OFDM 256QAM	2592.99	518598	30	1	77	19.96
DFT-s-OFDM 256QAM	2592.99	518598	30	36	18	20.03
DFT-s-OFDM 256QAM	2592.99	518598	30	75	0	20.07
CP-OFDM QPSK	2592.99	518598	30	1	0	21.50
CP-OFDM QPSK	2592.99	518598	30	1	77	21.76
CP-OFDM QPSK	2592.99	518598	30	39	19	22.95
CP-OFDM QPSK	2592.99	518598	30	78	0	21.52



CP-OFDM 16QAM	2592.99	518598	30	1	0	21.48
CP-OFDM 16QAM	2592.99	518598	30	1	77	21.68
CP-OFDM 16QAM	2592.99	518598	30	39	19	22.43
CP-OFDM 16QAM	2592.99	518598	30	78	0	21.40
CP-OFDM 64QAM	2674.98	534996	30	1	0	20.78
CP-OFDM 64QAM	2674.98	534996	30	1	77	20.98
CP-OFDM 64QAM	2674.98	534996	30	39	19	21.18
CP-OFDM 64QAM	2674.98	534996	30	78	0	21.10
CP-OFDM 256QAM	2674.98	534996	30	1	0	18.01
CP-OFDM 256QAM	2674.98	534996	30	1	77	18.13
CP-OFDM 256QAM	2674.98	534996	30	39	19	18.44
CP-OFDM 256QAM	2674.98	534996	30	78	0	18.42
DFT-s-OFDM 16QAM	2674.98	534996	30	1	0	22.34
DFT-s-OFDM 16QAM	2674.98	534996	30	1	77	22.18
DFT-s-OFDM 16QAM	2674.98	534996	30	36	18	23.08
DFT-s-OFDM 16QAM	2674.98	534996	30	75	0	22.19
DFT-s-OFDM 64QAM	2674.98	534996	30	1	0	21.63
DFT-s-OFDM 64QAM	2674.98	534996	30	1	77	21.52
DFT-s-OFDM 64QAM	2674.98	534996	30	36	18	21.70
DFT-s-OFDM 64QAM	2674.98	534996	30	75	0	21.75
DFT-s-OFDM 256QAM	2674.98	534996	30	1	0	19.76
DFT-s-OFDM 256QAM	2674.98	534996	30	1	77	19.46
DFT-s-OFDM 256QAM	2674.98	534996	30	36	18	19.83
DFT-s-OFDM 256QAM	2674.98	534996	30	75	0	19.83
CP-OFDM QPSK	2674.98	534996	30	1	0	21.47
CP-OFDM QPSK	2674.98	534996	30	1	77	21.36
CP-OFDM QPSK	2674.98	534996	30	39	19	22.69
CP-OFDM QPSK	2674.98	534996	30	78	0	21.34
CP-OFDM 16QAM	2674.98	534996	30	1	0	21.41
CP-OFDM 16QAM	2674.98	534996	30	1	77	21.29
CP-OFDM 16QAM	2674.98	534996	30	39	19	22.36
CP-OFDM 16QAM	2674.98	534996	30	78	0	21.38
CP-OFDM 64QAM	2674.98	534996	30	1	0	20.82
CP-OFDM 64QAM	2674.98	534996	30	1	77	20.65
CP-OFDM 64QAM	2674.98	534996	30	39	19	20.99
CP-OFDM 64QAM	2674.98	534996	30	78	0	20.81
CP-OFDM 256QAM	2674.98	534996	30	1	0	17.95
CP-OFDM 256QAM	2674.98	534996	30	1	77	17.92
CP-OFDM 256QAM	2674.98	534996	30	39	19	18.18
CP-OFDM 256QAM	2674.98	534996	30	78	0	18.21

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	1	0	23.22
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	105	23.07
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	23.17



DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	100	0	23.17
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	22.93
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	105	23.21
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	23.01
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	100	0	23.16
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	23.31
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	105	23.27
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	23.31
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	100	0	23.33
DFT-s-OFDM QPSK	2516.01	503202	40	1	0	22.99
DFT-s-OFDM QPSK	2516.01	503202	40	1	105	23.07
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	23.74
DFT-s-OFDM QPSK	2516.01	503202	40	100	0	23.27
DFT-s-OFDM QPSK	2516.01	503202	40	1	0	23.19
DFT-s-OFDM QPSK	2516.01	503202	40	1	105	23.35
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	23.91
DFT-s-OFDM QPSK	2516.01	503202	40	100	0	23.45
DFT-s-OFDM QPSK	2516.01	503202	40	1	0	23.26
DFT-s-OFDM QPSK	2516.01	503202	40	1	105	22.89
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	23.86
DFT-s-OFDM QPSK	2516.01	503202	40	100	0	23.20
DFT-s-OFDM 16QAM	2516.01	503202	40	1	0	22.06
DFT-s-OFDM 16QAM	2516.01	503202	40	1	105	22.13
DFT-s-OFDM 16QAM	2516.01	503202	40	50	25	23.04
DFT-s-OFDM 16QAM	2516.01	503202	40	100	0	22.17
DFT-s-OFDM 64QAM	2516.01	503202	40	1	0	21.39
DFT-s-OFDM 64QAM	2516.01	503202	40	1	105	21.47
DFT-s-OFDM 64QAM	2516.01	503202	40	50	25	21.76
DFT-s-OFDM 64QAM	2516.01	503202	40	100	0	21.68
DFT-s-OFDM 256QAM	2516.01	503202	40	1	0	19.45
DFT-s-OFDM 256QAM	2516.01	503202	40	1	105	19.54
DFT-s-OFDM 256QAM	2516.01	503202	40	50	25	20.06
DFT-s-OFDM 256QAM	2516.01	503202	40	100	0	19.77
CP-OFDM QPSK	2592.99	518598	40	1	0	21.22
CP-OFDM QPSK	2592.99	518598	40	1	105	21.26
CP-OFDM QPSK	2592.99	518598	40	53	26	22.70
CP-OFDM QPSK	2592.99	518598	40	106	0	21.31
CP-OFDM 16QAM	2592.99	518598	40	1	0	21.22
CP-OFDM 16QAM	2592.99	518598	40	1	105	21.27
CP-OFDM 16QAM	2592.99	518598	40	53	26	22.29
CP-OFDM 16QAM	2592.99	518598	40	106	0	21.23
CP-OFDM 64QAM	2592.99	518598	40	1	0	20.36
CP-OFDM 64QAM	2592.99	518598	40	1	105	20.48
CP-OFDM 64QAM	2592.99	518598	40	53	26	20.92
CP-OFDM 64QAM	2592.99	518598	40	106	0	20.82
CP-OFDM 256QAM	2592.99	518598	40	1	0	17.83



CP-OFDM 256QAM	2592.99	518598	40	1	105	17.74
CP-OFDM 256QAM	2592.99	518598	40	53	26	18.19
CP-OFDM 256QAM	2592.99	518598	40	106	0	18.13
DFT-s-OFDM 16QAM	2592.99	518598	40	1	0	22.24
DFT-s-OFDM 16QAM	2592.99	518598	40	1	105	22.44
DFT-s-OFDM 16QAM	2592.99	518598	40	50	25	23.26
DFT-s-OFDM 16QAM	2592.99	518598	40	100	0	22.46
DFT-s-OFDM 64QAM	2592.99	518598	40	1	0	21.60
DFT-s-OFDM 64QAM	2592.99	518598	40	1	105	21.77
DFT-s-OFDM 64QAM	2592.99	518598	40	50	25	22.04
DFT-s-OFDM 64QAM	2592.99	518598	40	100	0	22.07
DFT-s-OFDM 256QAM	2592.99	518598	40	1	0	19.67
DFT-s-OFDM 256QAM	2592.99	518598	40	1	105	19.78
DFT-s-OFDM 256QAM	2592.99	518598	40	50	25	20.11
DFT-s-OFDM 256QAM	2592.99	518598	40	100	0	19.97
CP-OFDM QPSK	2592.99	518598	40	1	0	21.41
CP-OFDM QPSK	2592.99	518598	40	1	105	21.58
CP-OFDM QPSK	2592.99	518598	40	53	26	22.98
CP-OFDM QPSK	2592.99	518598	40	106	0	21.62
CP-OFDM 16QAM	2592.99	518598	40	1	0	21.41
CP-OFDM 16QAM	2592.99	518598	40	1	105	21.59
CP-OFDM 16QAM	2592.99	518598	40	53	26	22.57
CP-OFDM 16QAM	2592.99	518598	40	106	0	21.55
CP-OFDM 64QAM	2670	534000	40	1	0	20.63
CP-OFDM 64QAM	2670	534000	40	1	105	20.84
CP-OFDM 64QAM	2670	534000	40	53	26	21.15
CP-OFDM 64QAM	2670	534000	40	106	0	21.07
CP-OFDM 256QAM	2670	534000	40	1	0	17.85
CP-OFDM 256QAM	2670	534000	40	1	105	18.03
CP-OFDM 256QAM	2670	534000	40	53	26	18.37
CP-OFDM 256QAM	2670	534000	40	106	0	18.37
DFT-s-OFDM 16QAM	2670	534000	40	1	0	22.28
DFT-s-OFDM 16QAM	2670	534000	40	1	105	21.96
DFT-s-OFDM 16QAM	2670	534000	40	50	25	22.97
DFT-s-OFDM 16QAM	2670	534000	40	100	0	22.15
DFT-s-OFDM 64QAM	2670	534000	40	1	0	21.61
DFT-s-OFDM 64QAM	2670	534000	40	1	105	21.32
DFT-s-OFDM 64QAM	2670	534000	40	50	25	21.67
DFT-s-OFDM 64QAM	2670	534000	40	100	0	21.78
DFT-s-OFDM 256QAM	2670	534000	40	1	0	19.66
DFT-s-OFDM 256QAM	2670	534000	40	1	105	19.36
DFT-s-OFDM 256QAM	2670	534000	40	50	25	19.86
DFT-s-OFDM 256QAM	2670	534000	40	100	0	19.88
CP-OFDM QPSK	2670	534000	40	1	0	21.49
CP-OFDM QPSK	2670	534000	40	1	105	21.15
CP-OFDM QPSK	2670	534000	40	53	26	22.72



CP-OFDM QPSK	2670	534000	40	106	0	21.43
CP-OFDM 16QAM	2670	534000	40	1	0	21.36
CP-OFDM 16QAM	2670	534000	40	1	105	21.04
CP-OFDM 16QAM	2670	534000	40	53	26	22.22
CP-OFDM 16QAM	2670	534000	40	106	0	21.21
CP-OFDM 64QAM	2670	534000	40	1	0	20.62
CP-OFDM 64QAM	2670	534000	40	1	105	20.24
CP-OFDM 64QAM	2670	534000	40	53	26	20.84
CP-OFDM 64QAM	2670	534000	40	106	0	20.85
CP-OFDM 256QAM	2670	534000	40	1	0	17.93
CP-OFDM 256QAM	2670	534000	40	1	105	17.83
CP-OFDM 256QAM	2670	534000	40	53	26	18.39
CP-OFDM 256QAM	2670	534000	40	106	0	18.16

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	1	0	23.15
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	132	23.15
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	64	32	23.17
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	128	0	23.17
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	23.26
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	132	23.12
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	64	32	23.19
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	128	0	23.30
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	23.34
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	132	23.26
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	64	32	23.36
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	128	0	23.31
DFT-s-OFDM QPSK	2521.02	504204	50	1	0	23.18
DFT-s-OFDM QPSK	2521.02	504204	50	1	132	23.27
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	23.84
DFT-s-OFDM QPSK	2521.02	504204	50	128	0	23.41
DFT-s-OFDM QPSK	2521.02	504204	50	1	0	23.40
DFT-s-OFDM QPSK	2521.02	504204	50	1	132	23.49
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	24.12
DFT-s-OFDM QPSK	2521.02	504204	50	128	0	23.65
DFT-s-OFDM QPSK	2521.02	504204	50	1	0	23.37
DFT-s-OFDM QPSK	2521.02	504204	50	1	132	23.19
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	24.09
DFT-s-OFDM QPSK	2521.02	504204	50	128	0	23.46
DFT-s-OFDM 16QAM	2521.02	504204	50	1	0	22.32
DFT-s-OFDM 16QAM	2521.02	504204	50	1	132	22.41
DFT-s-OFDM 16QAM	2521.02	504204	50	64	32	23.28
DFT-s-OFDM 16QAM	2521.02	504204	50	128	0	22.32
DFT-s-OFDM 64QAM	2521.02	504204	50	1	0	21.64
DFT-s-OFDM 64QAM	2521.02	504204	50	1	132	21.86



DFT-s-OFDM 64QAM	2521.02	504204	50	64	32	21.96
DFT-s-OFDM 64QAM	2521.02	504204	50	128	0	21.94
DFT-s-OFDM 256QAM	2521.02	504204	50	1	0	19.68
DFT-s-OFDM 256QAM	2521.02	504204	50	1	132	19.69
DFT-s-OFDM 256QAM	2521.02	504204	50	64	32	19.92
DFT-s-OFDM 256QAM	2521.02	504204	50	128	0	20.02
CP-OFDM QPSK	2592.99	518598	50	1	0	21.41
CP-OFDM QPSK	2592.99	518598	50	1	132	21.57
CP-OFDM QPSK	2592.99	518598	50	67	33	22.86
CP-OFDM QPSK	2592.99	518598	50	133	0	21.35
CP-OFDM 16QAM	2592.99	518598	50	1	0	21.44
CP-OFDM 16QAM	2592.99	518598	50	1	132	21.56
CP-OFDM 16QAM	2592.99	518598	50	67	33	22.47
CP-OFDM 16QAM	2592.99	518598	50	133	0	21.38
CP-OFDM 64QAM	2592.99	518598	50	1	0	20.74
CP-OFDM 64QAM	2592.99	518598	50	1	132	20.82
CP-OFDM 64QAM	2592.99	518598	50	67	33	21.08
CP-OFDM 64QAM	2592.99	518598	50	133	0	20.92
CP-OFDM 256QAM	2592.99	518598	50	1	0	17.90
CP-OFDM 256QAM	2592.99	518598	50	1	132	18.07
CP-OFDM 256QAM	2592.99	518598	50	67	33	18.39
CP-OFDM 256QAM	2592.99	518598	50	133	0	18.27
DFT-s-OFDM 16QAM	2592.99	518598	50	1	0	22.35
DFT-s-OFDM 16QAM	2592.99	518598	50	1	132	22.60
DFT-s-OFDM 16QAM	2592.99	518598	50	64	32	23.49
DFT-s-OFDM 16QAM	2592.99	518598	50	128	0	22.53
DFT-s-OFDM 64QAM	2592.99	518598	50	1	0	21.74
DFT-s-OFDM 64QAM	2592.99	518598	50	1	132	21.90
DFT-s-OFDM 64QAM	2592.99	518598	50	64	32	22.05
DFT-s-OFDM 64QAM	2592.99	518598	50	128	0	22.06
DFT-s-OFDM 256QAM	2592.99	518598	50	1	0	19.86
DFT-s-OFDM 256QAM	2592.99	518598	50	1	132	20.04
DFT-s-OFDM 256QAM	2592.99	518598	50	64	32	20.13
DFT-s-OFDM 256QAM	2592.99	518598	50	128	0	20.16
CP-OFDM QPSK	2592.99	518598	50	1	0	21.59
CP-OFDM QPSK	2592.99	518598	50	1	132	21.74
CP-OFDM QPSK	2592.99	518598	50	67	33	23.68
CP-OFDM QPSK	2592.99	518598	50	133	0	21.59
CP-OFDM 16QAM	2592.99	518598	50	1	0	21.60
CP-OFDM 16QAM	2592.99	518598	50	1	132	21.70
CP-OFDM 16QAM	2592.99	518598	50	67	33	22.56
CP-OFDM 16QAM	2592.99	518598	50	133	0	21.54
CP-OFDM 64QAM	2664.99	532998	50	1	0	20.64
CP-OFDM 64QAM	2664.99	532998	50	1	132	21.04
CP-OFDM 64QAM	2664.99	532998	50	67	33	21.16
CP-OFDM 64QAM	2664.99	532998	50	133	0	21.18



CP-OFDM 256QAM	2664.99	532998	50	1	0	18.09
CP-OFDM 256QAM	2664.99	532998	50	1	132	18.18
CP-OFDM 256QAM	2664.99	532998	50	67	33	18.43
CP-OFDM 256QAM	2664.99	532998	50	133	0	18.76
DFT-s-OFDM 16QAM	2664.99	532998	50	1	0	22.39
DFT-s-OFDM 16QAM	2664.99	532998	50	1	132	22.40
DFT-s-OFDM 16QAM	2664.99	532998	50	64	32	23.43
DFT-s-OFDM 16QAM	2664.99	532998	50	128	0	22.40
DFT-s-OFDM 64QAM	2664.99	532998	50	1	0	21.76
DFT-s-OFDM 64QAM	2664.99	532998	50	1	132	21.66
DFT-s-OFDM 64QAM	2664.99	532998	50	64	32	21.95
DFT-s-OFDM 64QAM	2664.99	532998	50	128	0	21.93
DFT-s-OFDM 256QAM	2664.99	532998	50	1	0	19.90
DFT-s-OFDM 256QAM	2664.99	532998	50	1	132	19.66
DFT-s-OFDM 256QAM	2664.99	532998	50	64	32	20.29
DFT-s-OFDM 256QAM	2664.99	532998	50	128	0	19.99
CP-OFDM QPSK	2664.99	532998	50	1	0	21.55
CP-OFDM QPSK	2664.99	532998	50	1	132	21.37
CP-OFDM QPSK	2664.99	532998	50	67	33	22.88
CP-OFDM QPSK	2664.99	532998	50	133	0	21.43
CP-OFDM 16QAM	2664.99	532998	50	1	0	21.56
CP-OFDM 16QAM	2664.99	532998	50	1	132	21.52
CP-OFDM 16QAM	2664.99	532998	50	67	33	22.46
CP-OFDM 16QAM	2664.99	532998	50	133	0	21.49
CP-OFDM 64QAM	2664.99	532998	50	1	0	20.77
CP-OFDM 64QAM	2664.99	532998	50	1	132	20.93
CP-OFDM 64QAM	2664.99	532998	50	67	33	21.17
CP-OFDM 64QAM	2664.99	532998	50	133	0	20.99
CP-OFDM 256QAM	2664.99	532998	50	1	0	18.12
CP-OFDM 256QAM	2664.99	532998	50	1	132	18.13
CP-OFDM 256QAM	2664.99	532998	50	67	33	18.44
CP-OFDM 256QAM	2664.99	532998	50	133	0	18.33

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	23.18
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	161	23.16
DFT-s-OFDM PI/2 BPSK	2526	505200	60	81	40	23.12
DFT-s-OFDM PI/2 BPSK	2526	505200	60	162	0	23.13
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	23.16
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	161	23.15
DFT-s-OFDM PI/2 BPSK	2526	505200	60	81	40	22.92
DFT-s-OFDM PI/2 BPSK	2526	505200	60	162	0	23.17
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	23.32
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	161	23.23
DFT-s-OFDM PI/2 BPSK	2526	505200	60	81	40	23.31



DFT-s-OFDM PI/2 BPSK	2526	505200	60	162	0	23.32
DFT-s-OFDM QPSK	2526	505200	60	1	0	23.08
DFT-s-OFDM QPSK	2526	505200	60	1	161	23.26
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.62
DFT-s-OFDM QPSK	2526	505200	60	162	0	23.26
DFT-s-OFDM QPSK	2526	505200	60	1	0	23.08
DFT-s-OFDM QPSK	2526	505200	60	1	161	23.27
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.78
DFT-s-OFDM QPSK	2526	505200	60	162	0	23.31
DFT-s-OFDM QPSK	2526	505200	60	1	0	23.21
DFT-s-OFDM QPSK	2526	505200	60	1	161	22.94
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.63
DFT-s-OFDM QPSK	2526	505200	60	162	0	23.19
DFT-s-OFDM 16QAM	2526	505200	60	1	0	22.18
DFT-s-OFDM 16QAM	2526	505200	60	1	161	22.26
DFT-s-OFDM 16QAM	2526	505200	60	81	40	23.06
DFT-s-OFDM 16QAM	2526	505200	60	162	0	22.17
DFT-s-OFDM 64QAM	2526	505200	60	1	0	21.56
DFT-s-OFDM 64QAM	2526	505200	60	1	161	21.71
DFT-s-OFDM 64QAM	2526	505200	60	81	40	21.63
DFT-s-OFDM 64QAM	2526	505200	60	162	0	21.75
DFT-s-OFDM 256QAM	2526	505200	60	1	0	19.55
DFT-s-OFDM 256QAM	2526	505200	60	1	161	19.66
DFT-s-OFDM 256QAM	2526	505200	60	81	40	19.72
DFT-s-OFDM 256QAM	2526	505200	60	162	0	19.77
CP-OFDM QPSK	2592.99	518598	60	1	0	21.41
CP-OFDM QPSK	2592.99	518598	60	1	161	21.47
CP-OFDM QPSK	2592.99	518598	60	81	40	22.63
CP-OFDM QPSK	2592.99	518598	60	162	0	21.23
CP-OFDM 16QAM	2592.99	518598	60	1	0	21.23
CP-OFDM 16QAM	2592.99	518598	60	1	161	21.39
CP-OFDM 16QAM	2592.99	518598	60	81	40	22.22
CP-OFDM 16QAM	2592.99	518598	60	162	0	21.17
CP-OFDM 64QAM	2592.99	518598	60	1	0	20.46
CP-OFDM 64QAM	2592.99	518598	60	1	161	20.75
CP-OFDM 64QAM	2592.99	518598	60	81	40	20.53
CP-OFDM 64QAM	2592.99	518598	60	162	0	20.81
CP-OFDM 256QAM	2592.99	518598	60	1	0	17.90
CP-OFDM 256QAM	2592.99	518598	60	1	161	17.97
CP-OFDM 256QAM	2592.99	518598	60	81	40	18.07
CP-OFDM 256QAM	2592.99	518598	60	162	0	18.20
DFT-s-OFDM 16QAM	2592.99	518598	60	1	0	22.18
DFT-s-OFDM 16QAM	2592.99	518598	60	1	161	22.29
DFT-s-OFDM 16QAM	2592.99	518598	60	81	40	23.16
DFT-s-OFDM 16QAM	2592.99	518598	60	162	0	22.27
DFT-s-OFDM 64QAM	2592.99	518598	60	1	0	21.64



DFT-s-OFDM 64QAM	2592.99	518598	60	1	161	21.67
DFT-s-OFDM 64QAM	2592.99	518598	60	81	40	21.85
DFT-s-OFDM 64QAM	2592.99	518598	60	162	0	21.81
DFT-s-OFDM 256QAM	2592.99	518598	60	1	0	19.60
DFT-s-OFDM 256QAM	2592.99	518598	60	1	161	19.79
DFT-s-OFDM 256QAM	2592.99	518598	60	81	40	19.85
DFT-s-OFDM 256QAM	2592.99	518598	60	162	0	19.98
CP-OFDM QPSK	2592.99	518598	60	1	0	21.36
CP-OFDM QPSK	2592.99	518598	60	1	161	21.56
CP-OFDM QPSK	2592.99	518598	60	81	40	22.72
CP-OFDM QPSK	2592.99	518598	60	162	0	21.32
CP-OFDM 16QAM	2592.99	518598	60	1	0	21.29
CP-OFDM 16QAM	2592.99	518598	60	1	161	21.39
CP-OFDM 16QAM	2592.99	518598	60	81	40	22.30
CP-OFDM 16QAM	2592.99	518598	60	162	0	21.37
CP-OFDM 64QAM	2659.98	531996	60	1	0	20.55
CP-OFDM 64QAM	2659.98	531996	60	1	161	20.86
CP-OFDM 64QAM	2659.98	531996	60	81	40	20.97
CP-OFDM 64QAM	2659.98	531996	60	162	0	20.92
CP-OFDM 256QAM	2659.98	531996	60	1	0	17.95
CP-OFDM 256QAM	2659.98	531996	60	1	161	18.09
CP-OFDM 256QAM	2659.98	531996	60	81	40	18.20
CP-OFDM 256QAM	2659.98	531996	60	162	0	18.22
DFT-s-OFDM 16QAM	2659.98	531996	60	1	0	22.36
DFT-s-OFDM 16QAM	2659.98	531996	60	1	161	22.06
DFT-s-OFDM 16QAM	2659.98	531996	60	81	40	23.18
DFT-s-OFDM 16QAM	2659.98	531996	60	162	0	22.14
DFT-s-OFDM 64QAM	2659.98	531996	60	1	0	21.65
DFT-s-OFDM 64QAM	2659.98	531996	60	1	161	21.36
DFT-s-OFDM 64QAM	2659.98	531996	60	81	40	21.69
DFT-s-OFDM 64QAM	2659.98	531996	60	162	0	21.66
DFT-s-OFDM 256QAM	2659.98	531996	60	1	0	19.67
DFT-s-OFDM 256QAM	2659.98	531996	60	1	161	19.43
DFT-s-OFDM 256QAM	2659.98	531996	60	81	40	19.90
DFT-s-OFDM 256QAM	2659.98	531996	60	162	0	19.77
CP-OFDM QPSK	2659.98	531996	60	1	0	21.50
CP-OFDM QPSK	2659.98	531996	60	1	161	21.24
CP-OFDM QPSK	2659.98	531996	60	81	40	22.58
CP-OFDM QPSK	2659.98	531996	60	162	0	21.19
CP-OFDM 16QAM	2659.98	531996	60	1	0	21.44
CP-OFDM 16QAM	2659.98	531996	60	1	161	21.24
CP-OFDM 16QAM	2659.98	531996	60	81	40	22.18
CP-OFDM 16QAM	2659.98	531996	60	162	0	21.27
CP-OFDM 64QAM	2659.98	531996	60	1	0	20.76
CP-OFDM 64QAM	2659.98	531996	60	1	161	20.39
CP-OFDM 64QAM	2659.98	531996	60	81	40	20.68



CP-OFDM 64QAM	2659.98	531996	60	162	0	20.78
CP-OFDM 256QAM	2659.98	531996	60	1	0	17.91
CP-OFDM 256QAM	2659.98	531996	60	1	161	17.81
CP-OFDM 256QAM	2659.98	531996	60	81	40	18.16
CP-OFDM 256QAM	2659.98	531996	60	162	0	18.21

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	23.21
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	188	23.18
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	90	45	23.19
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	180	0	23.20
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	22.99
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	188	23.16
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	90	45	23.14
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	180	0	23.01
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	23.31
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	188	23.31
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	90	45	23.37
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	180	0	23.35
DFT-s-OFDM QPSK	2531.01	506202	70	1	0	23.16
DFT-s-OFDM QPSK	2531.01	506202	70	1	188	23.42
DFT-s-OFDM QPSK	2531.01	506202	70	90	45	23.70
DFT-s-OFDM QPSK	2531.01	506202	70	180	0	23.27
DFT-s-OFDM QPSK	2531.01	506202	70	1	0	23.40
DFT-s-OFDM QPSK	2531.01	506202	70	1	188	23.56
DFT-s-OFDM QPSK	2531.01	506202	70	90	45	24.12
DFT-s-OFDM QPSK	2531.01	506202	70	180	0	23.45
DFT-s-OFDM QPSK	2531.01	506202	70	1	0	23.52
DFT-s-OFDM QPSK	2531.01	506202	70	1	188	22.86
DFT-s-OFDM QPSK	2531.01	506202	70	90	45	23.88
DFT-s-OFDM QPSK	2531.01	506202	70	180	0	23.43
DFT-s-OFDM 16QAM	2531.01	506202	70	1	0	22.61
DFT-s-OFDM 16QAM	2531.01	506202	70	1	188	22.57
DFT-s-OFDM 16QAM	2531.01	506202	70	90	45	22.82
DFT-s-OFDM 16QAM	2531.01	506202	70	180	0	22.43
DFT-s-OFDM 64QAM	2531.01	506202	70	1	0	21.66
DFT-s-OFDM 64QAM	2531.01	506202	70	1	188	21.74
DFT-s-OFDM 64QAM	2531.01	506202	70	90	45	21.78
DFT-s-OFDM 64QAM	2531.01	506202	70	180	0	22.01
DFT-s-OFDM 256QAM	2531.01	506202	70	1	0	19.49
DFT-s-OFDM 256QAM	2531.01	506202	70	1	188	19.88
DFT-s-OFDM 256QAM	2531.01	506202	70	90	45	19.76
DFT-s-OFDM 256QAM	2531.01	506202	70	180	0	18.99
CP-OFDM QPSK	2592.99	518598	70	1	0	22.07
CP-OFDM QPSK	2592.99	518598	70	1	188	21.97



CP-OFDM QPSK	2592.99	518598	70	95	47	21.82
CP-OFDM QPSK	2592.99	518598	70	189	0	21.96
CP-OFDM 16QAM	2592.99	518598	70	1	0	22.01
CP-OFDM 16QAM	2592.99	518598	70	1	188	21.54
CP-OFDM 16QAM	2592.99	518598	70	95	47	20.98
CP-OFDM 16QAM	2592.99	518598	70	189	0	21.37
CP-OFDM 64QAM	2592.99	518598	70	1	0	20.44
CP-OFDM 64QAM	2592.99	518598	70	1	188	20.88
CP-OFDM 64QAM	2592.99	518598	70	95	47	20.98
CP-OFDM 64QAM	2592.99	518598	70	189	0	21.02
CP-OFDM 256QAM	2592.99	518598	70	1	0	18.23
CP-OFDM 256QAM	2592.99	518598	70	1	188	17.92
CP-OFDM 256QAM	2592.99	518598	70	95	47	17.86
CP-OFDM 256QAM	2592.99	518598	70	189	0	18.19
DFT-s-OFDM 16QAM	2592.99	518598	70	1	0	22.28
DFT-s-OFDM 16QAM	2592.99	518598	70	1	188	22.69
DFT-s-OFDM 16QAM	2592.99	518598	70	90	45	23.44
DFT-s-OFDM 16QAM	2592.99	518598	70	180	0	22.56
DFT-s-OFDM 64QAM	2592.99	518598	70	1	0	21.70
DFT-s-OFDM 64QAM	2592.99	518598	70	1	188	21.94
DFT-s-OFDM 64QAM	2592.99	518598	70	90	45	22.11
DFT-s-OFDM 64QAM	2592.99	518598	70	180	0	22.08
DFT-s-OFDM 256QAM	2592.99	518598	70	1	0	19.65
DFT-s-OFDM 256QAM	2592.99	518598	70	1	188	19.97
DFT-s-OFDM 256QAM	2592.99	518598	70	90	45	20.04
DFT-s-OFDM 256QAM	2592.99	518598	70	180	0	19.91
CP-OFDM QPSK	2592.99	518598	70	1	0	21.51
CP-OFDM QPSK	2592.99	518598	70	1	188	21.52
CP-OFDM QPSK	2592.99	518598	70	95	47	23.03
CP-OFDM QPSK	2592.99	518598	70	189	0	21.33
CP-OFDM 16QAM	2592.99	518598	70	1	0	21.28
CP-OFDM 16QAM	2592.99	518598	70	1	188	21.52
CP-OFDM 16QAM	2592.99	518598	70	95	47	22.45
CP-OFDM 16QAM	2592.99	518598	70	189	0	21.49
CP-OFDM 64QAM	2655	531000	70	1	0	20.77
CP-OFDM 64QAM	2655	531000	70	1	188	21.02
CP-OFDM 64QAM	2655	531000	70	95	47	21.02
CP-OFDM 64QAM	2655	531000	70	189	0	21.15
CP-OFDM 256QAM	2655	531000	70	1	0	17.93
CP-OFDM 256QAM	2655	531000	70	1	188	18.05
CP-OFDM 256QAM	2655	531000	70	95	47	18.64
CP-OFDM 256QAM	2655	531000	70	189	0	18.49
DFT-s-OFDM 16QAM	2655	531000	70	1	0	22.58
DFT-s-OFDM 16QAM	2655	531000	70	1	188	22.18
DFT-s-OFDM 16QAM	2655	531000	70	90	45	23.55
DFT-s-OFDM 16QAM	2655	531000	70	180	0	22.63



DFT-s-OFDM 64QAM	2655	531000	70	1	0	21.82
DFT-s-OFDM 64QAM	2655	531000	70	1	188	21.49
DFT-s-OFDM 64QAM	2655	531000	70	90	45	21.85
DFT-s-OFDM 64QAM	2655	531000	70	180	0	22.05
DFT-s-OFDM 256QAM	2655	531000	70	1	0	19.78
DFT-s-OFDM 256QAM	2655	531000	70	1	188	19.51
DFT-s-OFDM 256QAM	2655	531000	70	90	45	19.87
DFT-s-OFDM 256QAM	2655	531000	70	180	0	20.13
CP-OFDM QPSK	2655	531000	70	1	0	21.59
CP-OFDM QPSK	2655	531000	70	1	188	21.15
CP-OFDM QPSK	2655	531000	70	95	47	22.66
CP-OFDM QPSK	2655	531000	70	189	0	21.41
CP-OFDM 16QAM	2655	531000	70	1	0	21.38
CP-OFDM 16QAM	2655	531000	70	1	188	21.13
CP-OFDM 16QAM	2655	531000	70	95	47	22.39
CP-OFDM 16QAM	2655	531000	70	189	0	21.38
CP-OFDM 64QAM	2655	531000	70	1	0	21.04
CP-OFDM 64QAM	2655	531000	70	1	188	20.44
CP-OFDM 64QAM	2655	531000	70	95	47	20.86
CP-OFDM 64QAM	2655	531000	70	189	0	21.01
CP-OFDM 256QAM	2655	531000	70	1	0	18.50
CP-OFDM 256QAM	2655	531000	70	1	188	17.73
CP-OFDM 256QAM	2655	531000	70	95	47	18.42
CP-OFDM 256QAM	2655	531000	70	189	0	18.20

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	1	0	23.30
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	216	23.10
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	108	54	23.10
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	216	0	23.13
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	23.31
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	216	23.22
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	108	54	23.20
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	216	0	23.19
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	23.30
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	216	23.31
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	108	54	23.36
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	216	0	23.33
DFT-s-OFDM QPSK	2536.02	507204	80	1	0	23.39
DFT-s-OFDM QPSK	2536.02	507204	80	1	216	23.20
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	23.73
DFT-s-OFDM QPSK	2536.02	507204	80	216	0	23.19
DFT-s-OFDM QPSK	2536.02	507204	80	1	0	23.49
DFT-s-OFDM QPSK	2536.02	507204	80	1	216	23.57
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	23.99



DFT-s-OFDM QPSK	2536.02	507204	80	216	0	23.34
DFT-s-OFDM QPSK	2536.02	507204	80	1	0	23.40
DFT-s-OFDM QPSK	2536.02	507204	80	1	216	23.14
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	23.81
DFT-s-OFDM QPSK	2536.02	507204	80	216	0	23.31
DFT-s-OFDM 16QAM	2536.02	507204	80	1	0	22.07
DFT-s-OFDM 16QAM	2536.02	507204	80	1	216	22.22
DFT-s-OFDM 16QAM	2536.02	507204	80	108	54	23.15
DFT-s-OFDM 16QAM	2536.02	507204	80	216	0	22.33
DFT-s-OFDM 64QAM	2536.02	507204	80	1	0	21.59
DFT-s-OFDM 64QAM	2536.02	507204	80	1	216	21.77
DFT-s-OFDM 64QAM	2536.02	507204	80	108	54	21.63
DFT-s-OFDM 64QAM	2536.02	507204	80	216	0	21.75
DFT-s-OFDM 256QAM	2536.02	507204	80	1	0	19.69
DFT-s-OFDM 256QAM	2536.02	507204	80	1	216	19.72
DFT-s-OFDM 256QAM	2536.02	507204	80	108	54	19.83
DFT-s-OFDM 256QAM	2536.02	507204	80	216	0	20.11
CP-OFDM QPSK	2592.99	518598	80	1	0	21.23
CP-OFDM QPSK	2592.99	518598	80	1	216	21.48
CP-OFDM QPSK	2592.99	518598	80	109	54	22.85
CP-OFDM QPSK	2592.99	518598	80	217	0	21.42
CP-OFDM 16QAM	2592.99	518598	80	1	0	21.25
CP-OFDM 16QAM	2592.99	518598	80	1	216	21.30
CP-OFDM 16QAM	2592.99	518598	80	109	54	22.19
CP-OFDM 16QAM	2592.99	518598	80	217	0	21.31
CP-OFDM 64QAM	2592.99	518598	80	1	0	20.59
CP-OFDM 64QAM	2592.99	518598	80	1	216	20.47
CP-OFDM 64QAM	2592.99	518598	80	109	54	20.70
CP-OFDM 64QAM	2592.99	518598	80	217	0	20.97
CP-OFDM 256QAM	2592.99	518598	80	1	0	17.91
CP-OFDM 256QAM	2592.99	518598	80	1	216	17.87
CP-OFDM 256QAM	2592.99	518598	80	109	54	18.03
CP-OFDM 256QAM	2592.99	518598	80	217	0	18.17
DFT-s-OFDM 16QAM	2592.99	518598	80	1	0	22.46
DFT-s-OFDM 16QAM	2592.99	518598	80	1	216	22.29
DFT-s-OFDM 16QAM	2592.99	518598	80	108	54	23.50
DFT-s-OFDM 16QAM	2592.99	518598	80	216	0	22.58
DFT-s-OFDM 64QAM	2592.99	518598	80	1	0	21.76
DFT-s-OFDM 64QAM	2592.99	518598	80	1	216	21.77
DFT-s-OFDM 64QAM	2592.99	518598	80	108	54	22.10
DFT-s-OFDM 64QAM	2592.99	518598	80	216	0	22.10
DFT-s-OFDM 256QAM	2592.99	518598	80	1	0	19.74
DFT-s-OFDM 256QAM	2592.99	518598	80	1	216	19.83
DFT-s-OFDM 256QAM	2592.99	518598	80	108	54	19.99
DFT-s-OFDM 256QAM	2592.99	518598	80	216	0	20.13
CP-OFDM QPSK	2592.99	518598	80	1	0	21.31



CP-OFDM QPSK	2592.99	518598	80	1	216	21.58
CP-OFDM QPSK	2592.99	518598	80	109	54	22.99
CP-OFDM QPSK	2592.99	518598	80	217	0	21.32
CP-OFDM 16QAM	2592.99	518598	80	1	0	21.38
CP-OFDM 16QAM	2592.99	518598	80	1	216	21.55
CP-OFDM 16QAM	2592.99	518598	80	109	54	22.45
CP-OFDM 16QAM	2592.99	518598	80	217	0	21.68
CP-OFDM 64QAM	2649.99	529998	80	1	0	20.57
CP-OFDM 64QAM	2649.99	529998	80	1	216	20.86
CP-OFDM 64QAM	2649.99	529998	80	109	54	20.96
CP-OFDM 64QAM	2649.99	529998	80	217	0	20.92
CP-OFDM 256QAM	2649.99	529998	80	1	0	18.10
CP-OFDM 256QAM	2649.99	529998	80	1	216	18.16
CP-OFDM 256QAM	2649.99	529998	80	109	54	18.31
CP-OFDM 256QAM	2649.99	529998	80	217	0	18.44
DFT-s-OFDM 16QAM	2649.99	529998	80	1	0	22.51
DFT-s-OFDM 16QAM	2649.99	529998	80	1	216	22.06
DFT-s-OFDM 16QAM	2649.99	529998	80	108	54	23.51
DFT-s-OFDM 16QAM	2649.99	529998	80	216	0	22.34
DFT-s-OFDM 64QAM	2649.99	529998	80	1	0	21.71
DFT-s-OFDM 64QAM	2649.99	529998	80	1	216	21.60
DFT-s-OFDM 64QAM	2649.99	529998	80	108	54	22.01
DFT-s-OFDM 64QAM	2649.99	529998	80	216	0	21.93
DFT-s-OFDM 256QAM	2649.99	529998	80	1	0	19.92
DFT-s-OFDM 256QAM	2649.99	529998	80	1	216	19.62
DFT-s-OFDM 256QAM	2649.99	529998	80	108	54	19.89
DFT-s-OFDM 256QAM	2649.99	529998	80	216	0	19.85
CP-OFDM QPSK	2649.99	529998	80	1	0	21.47
CP-OFDM QPSK	2649.99	529998	80	1	216	21.09
CP-OFDM QPSK	2649.99	529998	80	109	54	22.92
CP-OFDM QPSK	2649.99	529998	80	217	0	21.35
CP-OFDM 16QAM	2649.99	529998	80	1	0	21.37
CP-OFDM 16QAM	2649.99	529998	80	1	216	21.00
CP-OFDM 16QAM	2649.99	529998	80	109	54	22.26
CP-OFDM 16QAM	2649.99	529998	80	217	0	21.42
CP-OFDM 64QAM	2649.99	529998	80	1	0	20.72
CP-OFDM 64QAM	2649.99	529998	80	1	216	20.41
CP-OFDM 64QAM	2649.99	529998	80	109	54	21.01
CP-OFDM 64QAM	2649.99	529998	80	217	0	20.98
CP-OFDM 256QAM	2649.99	529998	80	1	0	18.23
CP-OFDM 256QAM	2649.99	529998	80	1	216	17.85
CP-OFDM 256QAM	2649.99	529998	80	109	54	18.59
CP-OFDM 256QAM	2649.99	529998	80	217	0	18.41

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)
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DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	23.12
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	244	23.16
DFT-s-OFDM PI/2 BPSK	2541	508200	90	120	60	23.22
DFT-s-OFDM PI/2 BPSK	2541	508200	90	243	0	23.20
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	22.97
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	244	23.15
DFT-s-OFDM PI/2 BPSK	2541	508200	90	120	60	23.14
DFT-s-OFDM PI/2 BPSK	2541	508200	90	243	0	23.17
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	23.34
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	244	23.34
DFT-s-OFDM PI/2 BPSK	2541	508200	90	120	60	23.33
DFT-s-OFDM PI/2 BPSK	2541	508200	90	243	0	23.34
DFT-s-OFDM QPSK	2541	508200	90	1	0	23.40
DFT-s-OFDM QPSK	2541	508200	90	1	244	23.35
DFT-s-OFDM QPSK	2541	508200	90	120	60	23.85
DFT-s-OFDM QPSK	2541	508200	90	243	0	23.54
DFT-s-OFDM QPSK	2541	508200	90	1	0	23.40
DFT-s-OFDM QPSK	2541	508200	90	1	244	23.65
DFT-s-OFDM QPSK	2541	508200	90	120	60	24.00
DFT-s-OFDM QPSK	2541	508200	90	243	0	23.41
DFT-s-OFDM QPSK	2541	508200	90	1	0	23.55
DFT-s-OFDM QPSK	2541	508200	90	1	244	23.31
DFT-s-OFDM QPSK	2541	508200	90	120	60	23.94
DFT-s-OFDM QPSK	2541	508200	90	243	0	23.29
DFT-s-OFDM 16QAM	2541	508200	90	1	0	22.27
DFT-s-OFDM 16QAM	2541	508200	90	1	244	22.56
DFT-s-OFDM 16QAM	2541	508200	90	120	60	23.24
DFT-s-OFDM 16QAM	2541	508200	90	243	0	22.47
DFT-s-OFDM 64QAM	2541	508200	90	1	0	21.50
DFT-s-OFDM 64QAM	2541	508200	90	1	244	21.85
DFT-s-OFDM 64QAM	2541	508200	90	120	60	22.04
DFT-s-OFDM 64QAM	2541	508200	90	243	0	21.79
DFT-s-OFDM 256QAM	2541	508200	90	1	0	19.67
DFT-s-OFDM 256QAM	2541	508200	90	1	244	19.82
DFT-s-OFDM 256QAM	2541	508200	90	120	60	20.06
DFT-s-OFDM 256QAM	2541	508200	90	243	0	20.03
CP-OFDM QPSK	2592.99	518598	90	1	0	21.54
CP-OFDM QPSK	2592.99	518598	90	1	244	21.42
CP-OFDM QPSK	2592.99	518598	90	123	61	22.92
CP-OFDM QPSK	2592.99	518598	90	245	0	21.44
CP-OFDM 16QAM	2592.99	518598	90	1	0	21.47
CP-OFDM 16QAM	2592.99	518598	90	1	244	21.58
CP-OFDM 16QAM	2592.99	518598	90	123	61	22.29
CP-OFDM 16QAM	2592.99	518598	90	245	0	21.55
CP-OFDM 64QAM	2592.99	518598	90	1	0	21.08
CP-OFDM 64QAM	2592.99	518598	90	1	244	20.86



CP-OFDM 64QAM	2592.99	518598	90	123	61	20.76
CP-OFDM 64QAM	2592.99	518598	90	245	0	20.91
CP-OFDM 256QAM	2592.99	518598	90	1	0	18.04
CP-OFDM 256QAM	2592.99	518598	90	1	244	18.19
CP-OFDM 256QAM	2592.99	518598	90	123	61	18.26
CP-OFDM 256QAM	2592.99	518598	90	245	0	18.42
DFT-s-OFDM 16QAM	2592.99	518598	90	1	0	22.57
DFT-s-OFDM 16QAM	2592.99	518598	90	1	244	22.69
DFT-s-OFDM 16QAM	2592.99	518598	90	120	60	23.33
DFT-s-OFDM 16QAM	2592.99	518598	90	243	0	22.53
DFT-s-OFDM 64QAM	2592.99	518598	90	1	0	21.86
DFT-s-OFDM 64QAM	2592.99	518598	90	1	244	21.84
DFT-s-OFDM 64QAM	2592.99	518598	90	120	60	21.96
DFT-s-OFDM 64QAM	2592.99	518598	90	243	0	22.12
DFT-s-OFDM 256QAM	2592.99	518598	90	1	0	19.82
DFT-s-OFDM 256QAM	2592.99	518598	90	1	244	19.85
DFT-s-OFDM 256QAM	2592.99	518598	90	120	60	20.05
DFT-s-OFDM 256QAM	2592.99	518598	90	243	0	19.95
CP-OFDM QPSK	2592.99	518598	90	1	0	21.60
CP-OFDM QPSK	2592.99	518598	90	1	244	21.66
CP-OFDM QPSK	2592.99	518598	90	123	61	22.88
CP-OFDM QPSK	2592.99	518598	90	245	0	21.51
CP-OFDM 16QAM	2592.99	518598	90	1	0	21.56
CP-OFDM 16QAM	2592.99	518598	90	1	244	21.73
CP-OFDM 16QAM	2592.99	518598	90	123	61	22.31
CP-OFDM 16QAM	2592.99	518598	90	245	0	21.40
CP-OFDM 64QAM	2644.98	528996	90	1	0	20.70
CP-OFDM 64QAM	2644.98	528996	90	1	244	21.05
CP-OFDM 64QAM	2644.98	528996	90	123	61	20.94
CP-OFDM 64QAM	2644.98	528996	90	245	0	20.96
CP-OFDM 256QAM	2644.98	528996	90	1	0	18.40
CP-OFDM 256QAM	2644.98	528996	90	1	244	18.28
CP-OFDM 256QAM	2644.98	528996	90	123	61	18.56
CP-OFDM 256QAM	2644.98	528996	90	245	0	18.52
DFT-s-OFDM 16QAM	2644.98	528996	90	1	0	22.42
DFT-s-OFDM 16QAM	2644.98	528996	90	1	244	22.17
DFT-s-OFDM 16QAM	2644.98	528996	90	120	60	23.32
DFT-s-OFDM 16QAM	2644.98	528996	90	243	0	22.50
DFT-s-OFDM 64QAM	2644.98	528996	90	1	0	21.79
DFT-s-OFDM 64QAM	2644.98	528996	90	1	244	21.43
DFT-s-OFDM 64QAM	2644.98	528996	90	120	60	21.96
DFT-s-OFDM 64QAM	2644.98	528996	90	243	0	22.02
DFT-s-OFDM 256QAM	2644.98	528996	90	1	0	19.96
DFT-s-OFDM 256QAM	2644.98	528996	90	1	244	19.63
DFT-s-OFDM 256QAM	2644.98	528996	90	120	60	19.92
DFT-s-OFDM 256QAM	2644.98	528996	90	243	0	20.21



CP-OFDM QPSK	2644.98	528996	90	1	0	21.68
CP-OFDM QPSK	2644.98	528996	90	1	244	21.38
CP-OFDM QPSK	2644.98	528996	90	123	61	22.96
CP-OFDM QPSK	2644.98	528996	90	245	0	21.43
CP-OFDM 16QAM	2644.98	528996	90	1	0	21.47
CP-OFDM 16QAM	2644.98	528996	90	1	244	21.21
CP-OFDM 16QAM	2644.98	528996	90	123	61	22.28
CP-OFDM 16QAM	2644.98	528996	90	245	0	21.34
CP-OFDM 64QAM	2644.98	528996	90	1	0	20.77
CP-OFDM 64QAM	2644.98	528996	90	1	244	20.46
CP-OFDM 64QAM	2644.98	528996	90	123	61	21.07
CP-OFDM 64QAM	2644.98	528996	90	245	0	20.86
CP-OFDM 256QAM	2644.98	528996	90	1	0	18.42
CP-OFDM 256QAM	2644.98	528996	90	1	244	18.29
CP-OFDM 256QAM	2644.98	528996	90	123	61	18.51
CP-OFDM 256QAM	2644.98	528996	90	245	0	18.51

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	1	0	23.25
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	272	23.14
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	23.13
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	270	0	23.20
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	23.20
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	272	23.34
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	23.12
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	270	0	23.27
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	23.10
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	272	23.30
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	23.33
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	270	0	23.32
DFT-s-OFDM QPSK	2546.01	509202	100	1	0	23.32
DFT-s-OFDM QPSK	2546.01	509202	100	1	272	23.63
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	23.75
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	23.33
DFT-s-OFDM QPSK	2546.01	509202	100	1	0	23.40
DFT-s-OFDM QPSK	2546.01	509202	100	1	272	23.54
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	23.82
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	23.59
DFT-s-OFDM QPSK	2546.01	509202	100	1	0	23.44
DFT-s-OFDM QPSK	2546.01	509202	100	1	272	23.17
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	23.74
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	23.44
DFT-s-OFDM 16QAM	2546.01	509202	100	1	0	22.48
DFT-s-OFDM 16QAM	2546.01	509202	100	1	272	22.54
DFT-s-OFDM 16QAM	2546.01	509202	100	135	67	22.39



DFT-s-OFDM 16QAM	2546.01	509202	100	270	0	22.46
DFT-s-OFDM 64QAM	2546.01	509202	100	1	0	21.59
DFT-s-OFDM 64QAM	2546.01	509202	100	1	272	21.72
DFT-s-OFDM 64QAM	2546.01	509202	100	135	67	21.67
DFT-s-OFDM 64QAM	2546.01	509202	100	270	0	21.48
DFT-s-OFDM 256QAM	2546.01	509202	100	1	0	19.92
DFT-s-OFDM 256QAM	2546.01	509202	100	1	272	20.05
DFT-s-OFDM 256QAM	2546.01	509202	100	135	67	19.99
DFT-s-OFDM 256QAM	2546.01	509202	100	270	0	20.31
CP-OFDM QPSK	2592.99	518598	100	1	0	21.37
CP-OFDM QPSK	2592.99	518598	100	1	272	21.44
CP-OFDM QPSK	2592.99	518598	100	137	68	22.65
CP-OFDM QPSK	2592.99	518598	100	273	0	21.42
CP-OFDM 16QAM	2592.99	518598	100	1	0	21.55
CP-OFDM 16QAM	2592.99	518598	100	1	272	21.72
CP-OFDM 16QAM	2592.99	518598	100	137	68	22.29
CP-OFDM 16QAM	2592.99	518598	100	273	0	21.40
CP-OFDM 64QAM	2592.99	518598	100	1	0	20.88
CP-OFDM 64QAM	2592.99	518598	100	1	272	21.06
CP-OFDM 64QAM	2592.99	518598	100	137	68	20.99
CP-OFDM 64QAM	2592.99	518598	100	273	0	21.13
CP-OFDM 256QAM	2592.99	518598	100	1	0	17.87
CP-OFDM 256QAM	2592.99	518598	100	1	272	18.23
CP-OFDM 256QAM	2592.99	518598	100	137	68	18.30
CP-OFDM 256QAM	2592.99	518598	100	273	0	18.54
DFT-s-OFDM 16QAM	2592.99	518598	100	1	0	22.40
DFT-s-OFDM 16QAM	2592.99	518598	100	1	272	22.77
DFT-s-OFDM 16QAM	2592.99	518598	100	135	67	23.58
DFT-s-OFDM 16QAM	2592.99	518598	100	270	0	22.41
DFT-s-OFDM 64QAM	2592.99	518598	100	1	0	21.90
DFT-s-OFDM 64QAM	2592.99	518598	100	1	272	21.83
DFT-s-OFDM 64QAM	2592.99	518598	100	135	67	22.03
DFT-s-OFDM 64QAM	2592.99	518598	100	270	0	21.93
DFT-s-OFDM 256QAM	2592.99	518598	100	1	0	19.88
DFT-s-OFDM 256QAM	2592.99	518598	100	1	272	19.93
DFT-s-OFDM 256QAM	2592.99	518598	100	135	67	20.00
DFT-s-OFDM 256QAM	2592.99	518598	100	270	0	20.13
CP-OFDM QPSK	2592.99	518598	100	1	0	21.34
CP-OFDM QPSK	2592.99	518598	100	1	272	21.58
CP-OFDM QPSK	2592.99	518598	100	137	68	22.90
CP-OFDM QPSK	2592.99	518598	100	273	0	21.62
CP-OFDM 16QAM	2592.99	518598	100	1	0	21.68
CP-OFDM 16QAM	2592.99	518598	100	1	272	21.64
CP-OFDM 16QAM	2592.99	518598	100	137	68	22.48
CP-OFDM 16QAM	2592.99	518598	100	273	0	21.61
CP-OFDM 64QAM	2640	528000	100	1	0	20.74



CP-OFDM 64QAM	2640	528000	100	1	272	21.08
CP-OFDM 64QAM	2640	528000	100	137	68	21.04
CP-OFDM 64QAM	2640	528000	100	273	0	20.95
CP-OFDM 256QAM	2640	528000	100	1	0	18.21
CP-OFDM 256QAM	2640	528000	100	1	272	18.22
CP-OFDM 256QAM	2640	528000	100	137	68	18.47
CP-OFDM 256QAM	2640	528000	100	273	0	18.33
DFT-s-OFDM 16QAM	2640	528000	100	1	0	22.30
DFT-s-OFDM 16QAM	2640	528000	100	1	272	22.17
DFT-s-OFDM 16QAM	2640	528000	100	135	67	23.30
DFT-s-OFDM 16QAM	2640	528000	100	270	0	22.58
DFT-s-OFDM 64QAM	2640	528000	100	1	0	21.75
DFT-s-OFDM 64QAM	2640	528000	100	1	272	21.68
DFT-s-OFDM 64QAM	2640	528000	100	135	67	21.92
DFT-s-OFDM 64QAM	2640	528000	100	270	0	22.07
DFT-s-OFDM 256QAM	2640	528000	100	1	0	19.96
DFT-s-OFDM 256QAM	2640	528000	100	1	272	19.63
DFT-s-OFDM 256QAM	2640	528000	100	135	67	20.23
DFT-s-OFDM 256QAM	2640	528000	100	270	0	20.17
CP-OFDM QPSK	2640	528000	100	1	0	21.73
CP-OFDM QPSK	2640	528000	100	1	272	21.39
CP-OFDM QPSK	2640	528000	100	137	68	22.91
CP-OFDM QPSK	2640	528000	100	273	0	21.57
CP-OFDM 16QAM	2640	528000	100	1	0	21.53
CP-OFDM 16QAM	2640	528000	100	1	272	21.28
CP-OFDM 16QAM	2640	528000	100	137	68	22.51
CP-OFDM 16QAM	2640	528000	100	273	0	21.56
CP-OFDM 64QAM	2640	528000	100	1	0	20.84
CP-OFDM 64QAM	2640	528000	100	1	272	20.56
CP-OFDM 64QAM	2640	528000	100	137	68	21.06
CP-OFDM 64QAM	2640	528000	100	273	0	21.08
CP-OFDM 256QAM	2640	528000	100	1	0	18.60
CP-OFDM 256QAM	2640	528000	100	1	272	18.40
CP-OFDM 256QAM	2640	528000	100	137	68	18.49
CP-OFDM 256QAM	2640	528000	100	273	0	18.46

2 Occupied Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
CP-OFDM QPSK	2506.02	501204	20	51	0	18.250	Fig.1
CP-OFDM 16QAM	2506.02	501204	20	51	0	18.260	Fig.2
CP-OFDM 64QAM	2506.02	501204	20	51	0	18.240	Fig.3
CP-OFDM 256QAM	2506.02	501204	20	51	0	18.210	Fig.4
CP-OFDM QPSK	2592.99	518598	20	51	0	18.270	Fig.5
CP-OFDM 16QAM	2592.99	518598	20	51	0	18.270	Fig.6
CP-OFDM 64QAM	2592.99	518598	20	51	0	18.260	Fig.7
CP-OFDM 256QAM	2592.99	518598	20	51	0	18.270	Fig.8
CP-OFDM QPSK	2679.99	535998	20	51	0	18.260	Fig.9
CP-OFDM 16QAM	2679.99	535998	20	51	0	18.260	Fig.10
CP-OFDM 64QAM	2679.99	535998	20	51	0	18.260	Fig.11
CP-OFDM 256QAM	2679.99	535998	20	51	0	18.240	Fig.12
CP-OFDM QPSK	2511	502200	30	78	0	27.900	Fig.13
CP-OFDM 16QAM	2511	502200	30	78	0	27.810	Fig.14
CP-OFDM 64QAM	2511	502200	30	78	0	27.900	Fig.15
CP-OFDM 256QAM	2511	502200	30	78	0	27.890	Fig.16
CP-OFDM QPSK	2592.99	518598	30	78	0	27.890	Fig.17
CP-OFDM 16QAM	2592.99	518598	30	78	0	27.840	Fig.18
CP-OFDM 64QAM	2592.99	518598	30	78	0	27.880	Fig.19
CP-OFDM 256QAM	2592.99	518598	30	78	0	27.900	Fig.20
CP-OFDM QPSK	2674.98	534996	30	78	0	27.870	Fig.21
CP-OFDM 16QAM	2674.98	534996	30	78	0	27.890	Fig.22
CP-OFDM 64QAM	2674.98	534996	30	78	0	27.910	Fig.23
CP-OFDM 256QAM	2674.98	534996	30	78	0	27.880	Fig.24
CP-OFDM QPSK	2516.01	503202	40	106	0	38.250	Fig.25
CP-OFDM 16QAM	2516.01	503202	40	106	0	38.290	Fig.26
CP-OFDM 64QAM	2516.01	503202	40	106	0	38.160	Fig.27
CP-OFDM 256QAM	2516.01	503202	40	106	0	38.280	Fig.28
CP-OFDM QPSK	2592.99	518598	40	106	0	38.190	Fig.29
CP-OFDM 16QAM	2592.99	518598	40	106	0	38.260	Fig.30
CP-OFDM 64QAM	2592.99	518598	40	106	0	38.180	Fig.31
CP-OFDM 256QAM	2592.99	518598	40	106	0	38.290	Fig.32
CP-OFDM QPSK	2670	534000	40	106	0	38.270	Fig.33
CP-OFDM 16QAM	2670	534000	40	106	0	38.340	Fig.34
CP-OFDM 64QAM	2670	534000	40	106	0	38.210	Fig.35
CP-OFDM 256QAM	2670	534000	40	106	0	38.200	Fig.36
CP-OFDM QPSK	2521.02	504204	50	133	0	47.760	Fig.37
CP-OFDM 16QAM	2521.02	504204	50	133	0	47.780	Fig.38
CP-OFDM 64QAM	2521.02	504204	50	133	0	47.690	Fig.39
CP-OFDM 256QAM	2521.02	504204	50	133	0	47.760	Fig.40
CP-OFDM QPSK	2592.99	518598	50	133	0	47.700	Fig.41
CP-OFDM 16QAM	2592.99	518598	50	133	0	47.830	Fig.42
CP-OFDM 64QAM	2592.99	518598	50	133	0	47.780	Fig.43



CP-OFDM 256QAM	2592.99	518598	50	133	0	47.700	Fig.44
CP-OFDM QPSK	2664.99	532998	50	133	0	47.720	Fig.45
CP-OFDM 16QAM	2664.99	532998	50	133	0	47.770	Fig.46
CP-OFDM 64QAM	2664.99	532998	50	133	0	47.720	Fig.47
CP-OFDM 256QAM	2664.99	532998	50	133	0	47.730	Fig.48
CP-OFDM QPSK	2526	505200	60	162	0	58.000	Fig.49
CP-OFDM 16QAM	2526	505200	60	162	0	57.980	Fig.50
CP-OFDM 64QAM	2526	505200	60	162	0	58.030	Fig.51
CP-OFDM 256QAM	2526	505200	60	162	0	58.000	Fig.52
CP-OFDM QPSK	2592.99	518598	60	162	0	57.960	Fig.53
CP-OFDM 16QAM	2592.99	518598	60	162	0	57.960	Fig.54
CP-OFDM 64QAM	2592.99	518598	60	162	0	57.990	Fig.55
CP-OFDM 256QAM	2592.99	518598	60	162	0	57.940	Fig.56
CP-OFDM QPSK	2659.98	531996	60	162	0	58.020	Fig.57
CP-OFDM 16QAM	2659.98	531996	60	162	0	58.040	Fig.58
CP-OFDM 64QAM	2659.98	531996	60	162	0	58.030	Fig.59
CP-OFDM 256QAM	2659.98	531996	60	162	0	57.970	Fig.60
CP-OFDM QPSK	2531.01	506202	70	189	0	67.700	Fig.61
CP-OFDM 16QAM	2531.01	506202	70	189	0	67.650	Fig.62
CP-OFDM 64QAM	2531.01	506202	70	189	0	67.660	Fig.63
CP-OFDM 256QAM	2531.01	506202	70	189	0	67.720	Fig.64
CP-OFDM QPSK	2592.99	518598	70	189	0	67.490	Fig.65
CP-OFDM 16QAM	2592.99	518598	70	189	0	67.500	Fig.66
CP-OFDM 64QAM	2592.99	518598	70	189	0	67.530	Fig.67
CP-OFDM 256QAM	2592.99	518598	70	189	0	67.540	Fig.68
CP-OFDM QPSK	2655	531000	70	189	0	67.580	Fig.69
CP-OFDM 16QAM	2655	531000	70	189	0	67.580	Fig.70
CP-OFDM 64QAM	2655	531000	70	189	0	67.570	Fig.71
CP-OFDM 256QAM	2655	531000	70	189	0	67.710	Fig.72
CP-OFDM QPSK	2536.02	507204	80	217	0	77.700	Fig.73
CP-OFDM 16QAM	2536.02	507204	80	217	0	77.570	Fig.74
CP-OFDM 64QAM	2536.02	507204	80	217	0	77.690	Fig.75
CP-OFDM 256QAM	2536.02	507204	80	217	0	77.610	Fig.76
CP-OFDM QPSK	2592.99	518598	80	217	0	77.390	Fig.77
CP-OFDM 16QAM	2592.99	518598	80	217	0	77.470	Fig.78
CP-OFDM 64QAM	2592.99	518598	80	217	0	77.480	Fig.79
CP-OFDM 256QAM	2592.99	518598	80	217	0	77.360	Fig.80
CP-OFDM QPSK	2649.99	529998	80	217	0	77.570	Fig.81
CP-OFDM 16QAM	2649.99	529998	80	217	0	77.600	Fig.82
CP-OFDM 64QAM	2649.99	529998	80	217	0	77.780	Fig.83
CP-OFDM 256QAM	2649.99	529998	80	217	0	77.580	Fig.84
CP-OFDM QPSK	2541	508200	90	245	0	87.610	Fig.85
CP-OFDM 16QAM	2541	508200	90	245	0	87.580	Fig.86
CP-OFDM 64QAM	2541	508200	90	245	0	87.600	Fig.87
CP-OFDM 256QAM	2541	508200	90	245	0	87.670	Fig.88
CP-OFDM QPSK	2592.99	518598	90	245	0	87.340	Fig.89

CP-OFDM 16QAM	2592.99	518598	90	245	0	87.410	Fig.90
CP-OFDM 64QAM	2592.99	518598	90	245	0	87.320	Fig.91
CP-OFDM 256QAM	2592.99	518598	90	245	0	87.410	Fig.92
CP-OFDM QPSK	2644.98	528996	90	245	0	87.550	Fig.93
CP-OFDM 16QAM	2644.98	528996	90	245	0	87.490	Fig.94
CP-OFDM 64QAM	2644.98	528996	90	245	0	87.540	Fig.95
CP-OFDM 256QAM	2644.98	528996	90	245	0	87.600	Fig.96
CP-OFDM QPSK	2546.01	509202	100	273	0	97.560	Fig.97
CP-OFDM 16QAM	2546.01	509202	100	273	0	97.470	Fig.98
CP-OFDM 64QAM	2546.01	509202	100	273	0	97.540	Fig.99
CP-OFDM 256QAM	2546.01	509202	100	273	0	97.530	Fig.100
CP-OFDM QPSK	2592.99	518598	100	273	0	97.290	Fig.101
CP-OFDM 16QAM	2592.99	518598	100	273	0	97.420	Fig.102
CP-OFDM 64QAM	2592.99	518598	100	273	0	97.280	Fig.103
CP-OFDM 256QAM	2592.99	518598	100	273	0	97.270	Fig.104
CP-OFDM QPSK	2640	528000	100	273	0	97.360	Fig.105
CP-OFDM 16QAM	2640	528000	100	273	0	97.530	Fig.106
CP-OFDM 64QAM	2640	528000	100	273	0	97.480	Fig.107
CP-OFDM 256QAM	2640	528000	100	273	0	97.420	Fig.108

Test Plot:

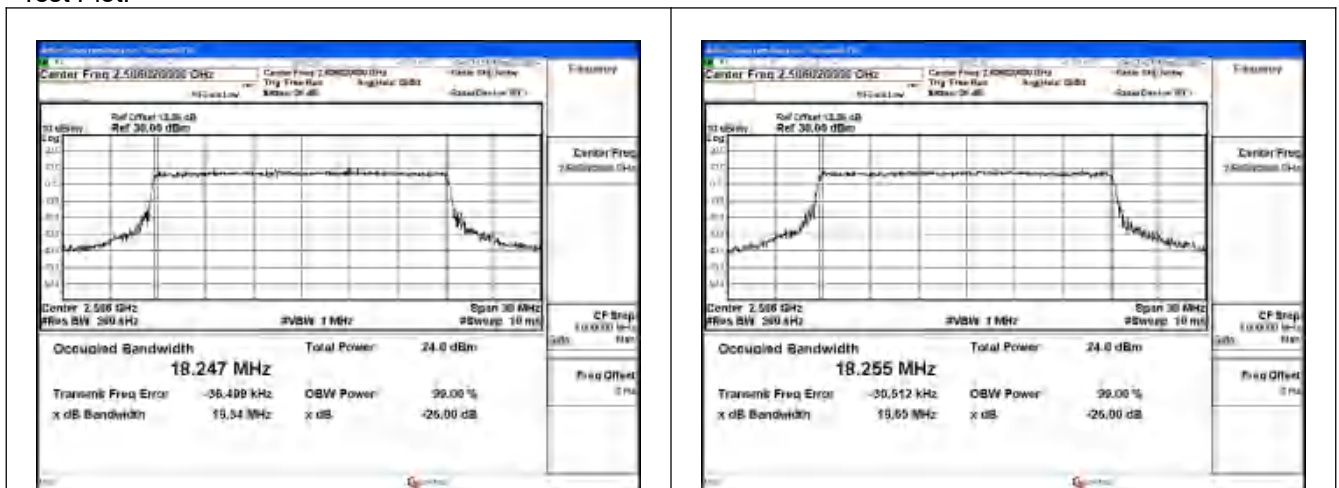


Fig.1

Fig.2

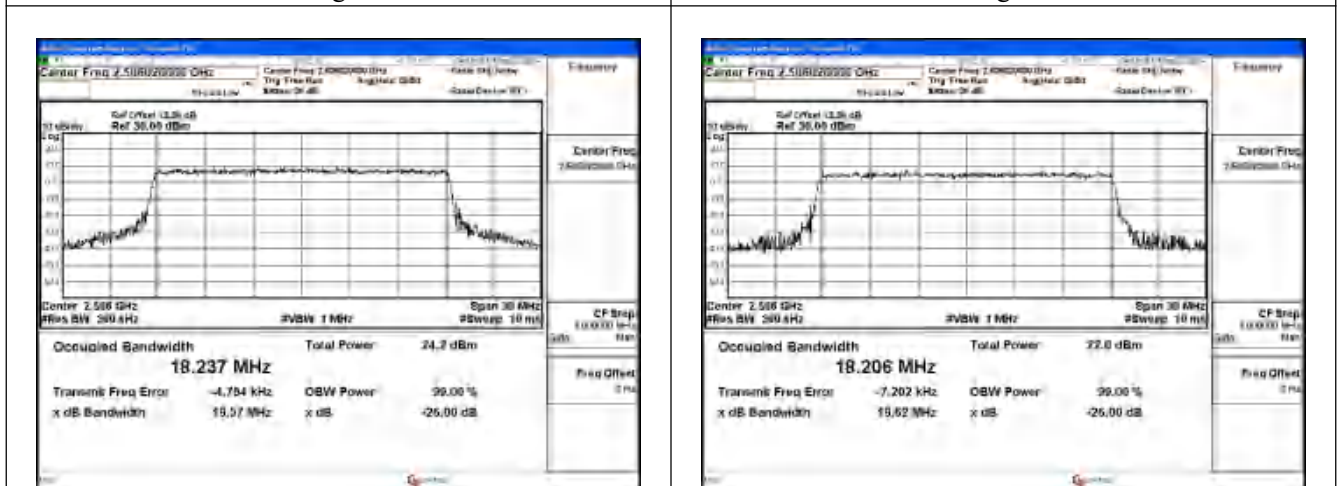


Fig.3

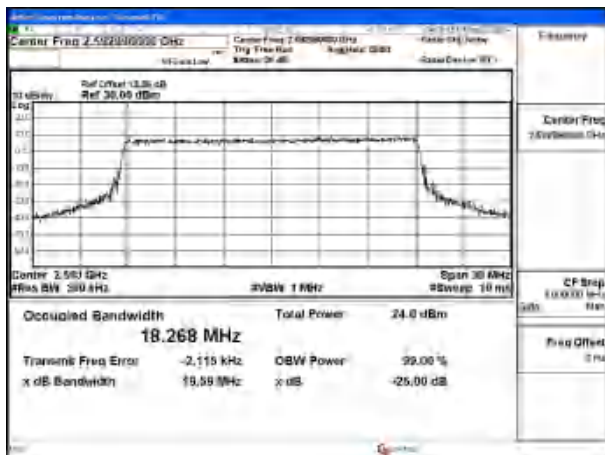


Fig.4



Fig.5

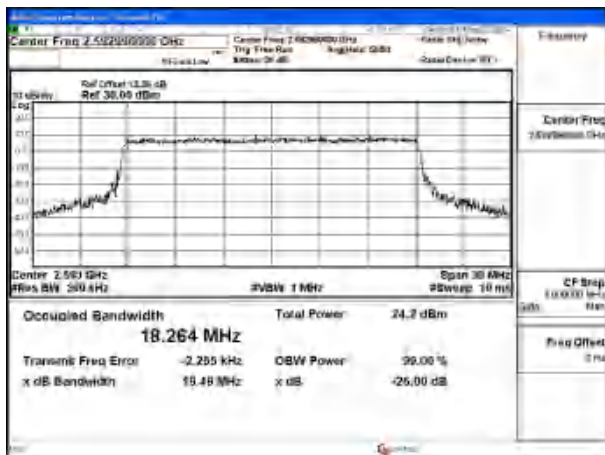


Fig.6

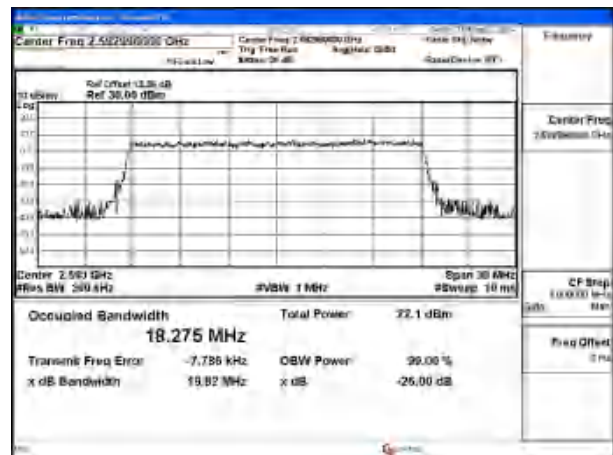


Fig.7



Fig.8

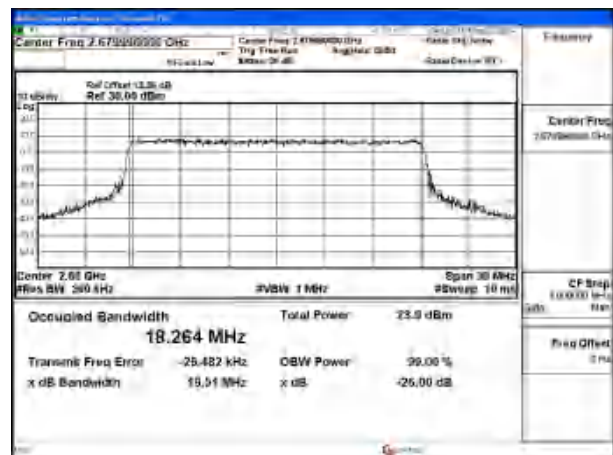


Fig.9

Fig.10



Fig.11



Fig.12



Fig.13



Fig.14



Fig.15

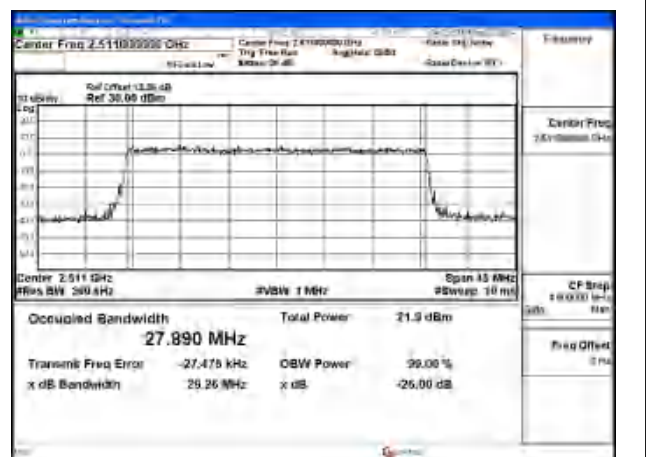


Fig.16



Fig.17



Fig.18



Fig.19

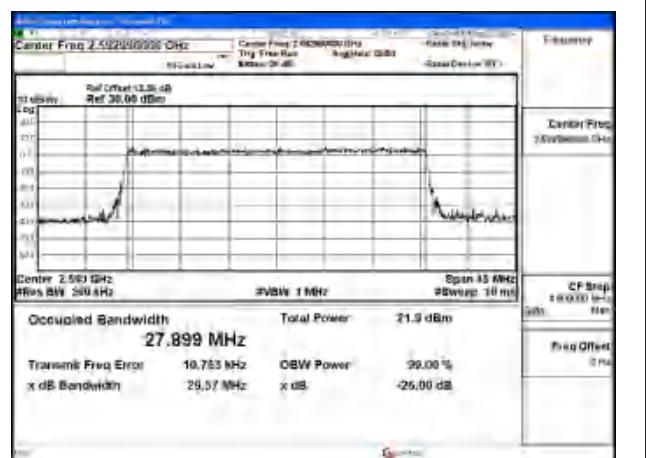


Fig.20



Fig.21



Fig.22



Fig.23



Fig.24



Fig.25



Fig.26



Fig.27



Fig.28



Fig.29



Fig.30



Fig.31

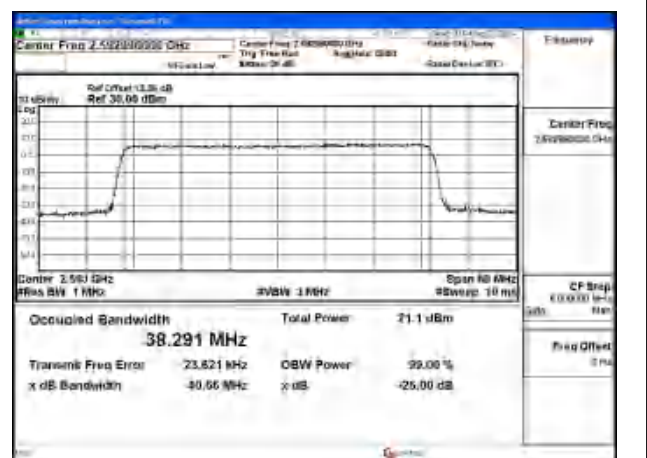


Fig.32



Fig.33

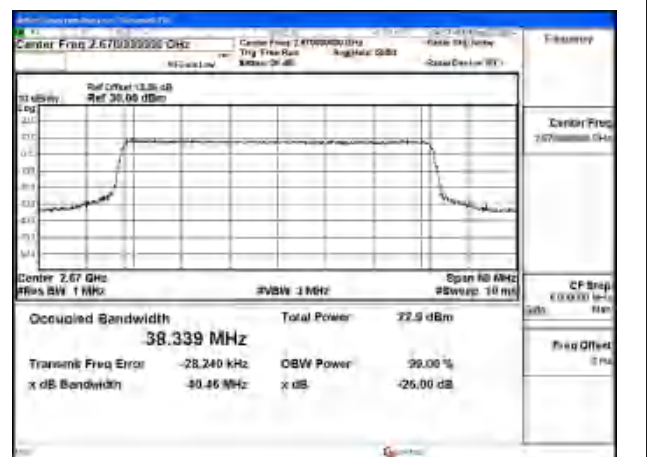


Fig.34



Fig.35



Fig.36



Fig.37

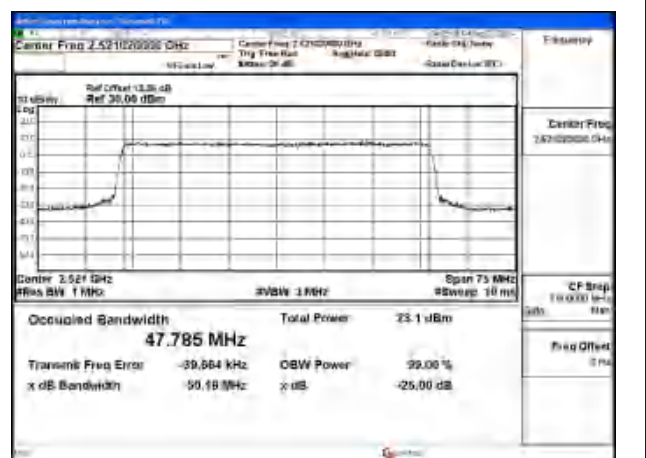


Fig.38



Fig.39



Fig.40



Fig.41



Fig.42



Fig.43



Fig.44



Fig.45



Fig.46



Fig.47



Fig.48



Fig.49

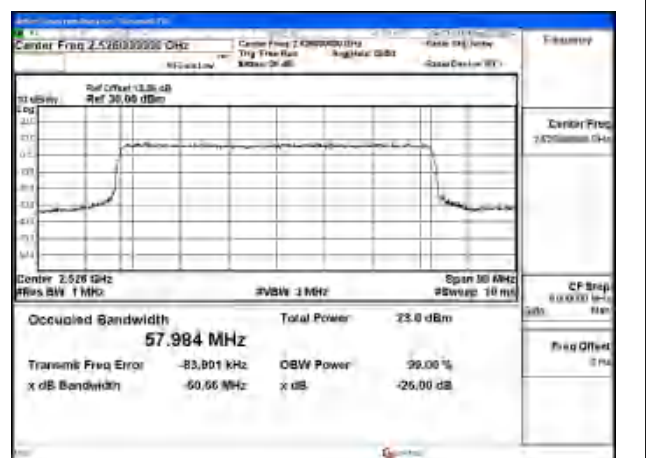


Fig.50



Fig.51

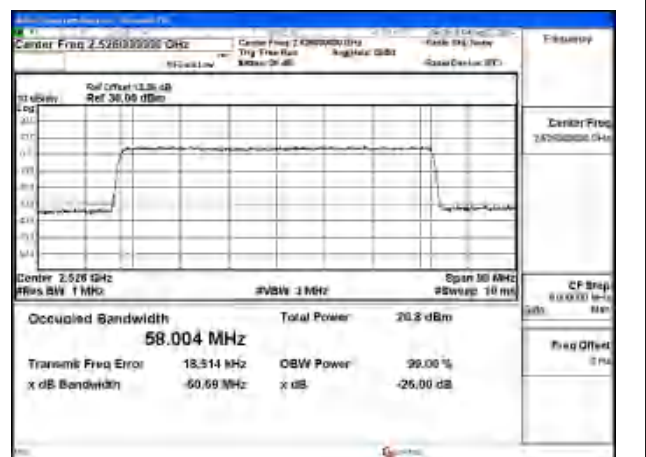


Fig.52



Fig.53



Fig.54



Fig.55

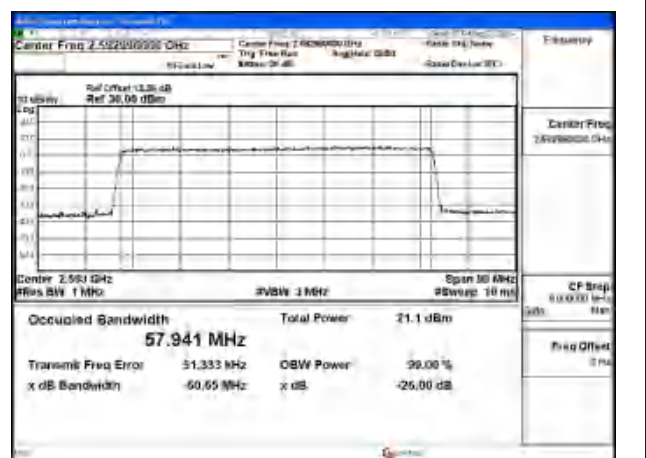


Fig.56



Fig.57

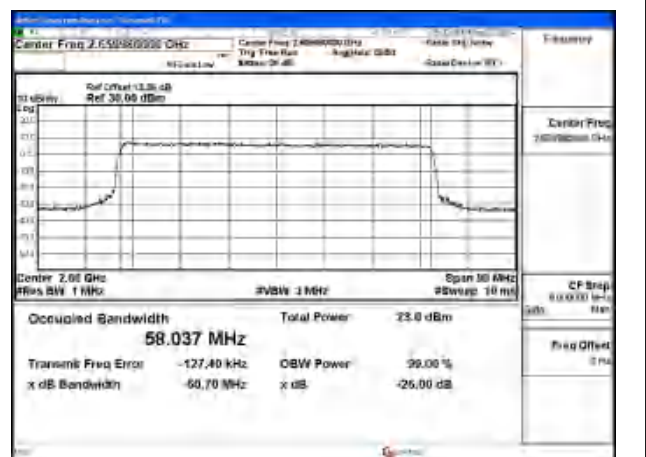


Fig.58



Fig.59



Fig.60



Fig.61

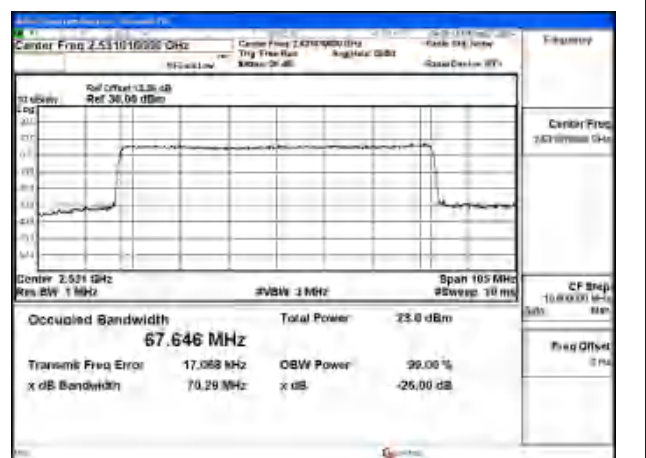


Fig.62



Fig.63

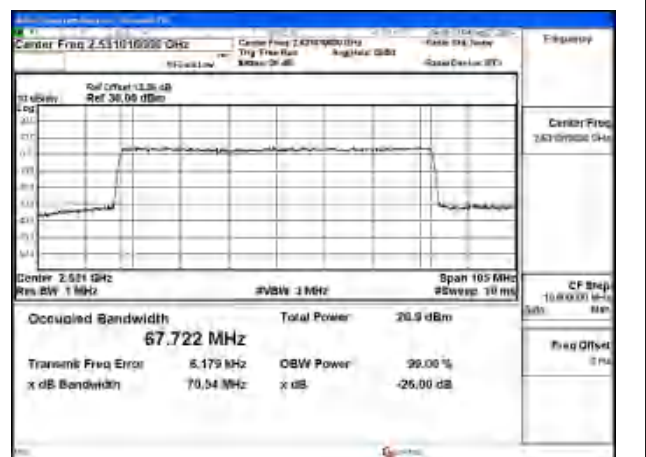


Fig.64



Fig.65



Fig.66



Fig.67



Fig.68



Fig.69



Fig.70



Fig.71



Fig.72



Fig.73

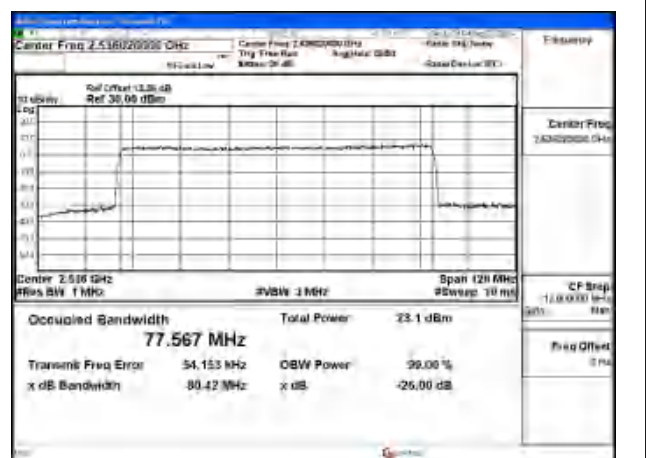


Fig.74



Fig.75

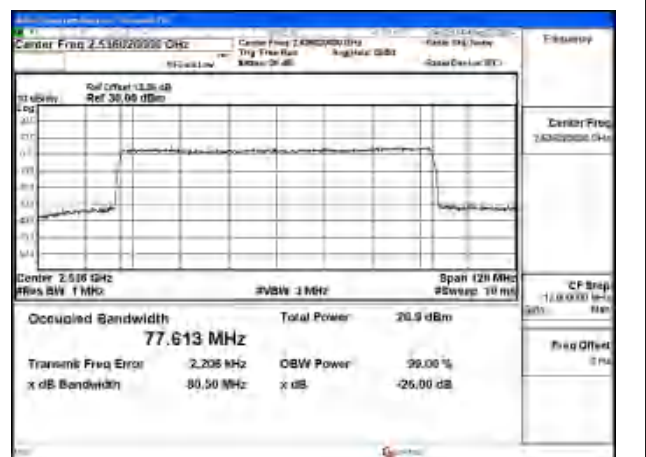


Fig.76



Fig.77



Fig.78



Fig.79

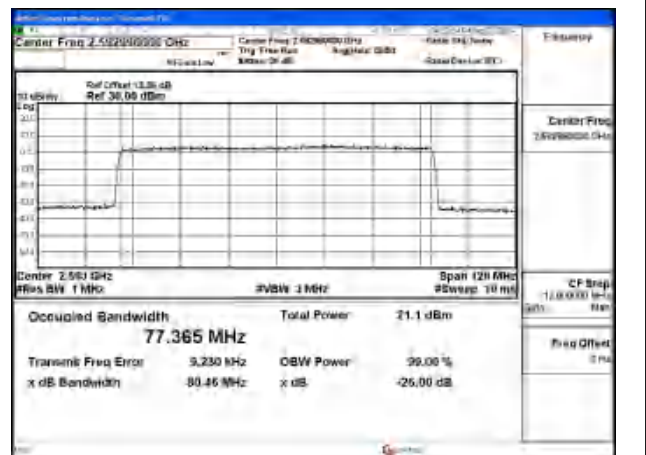


Fig.80



Fig.81

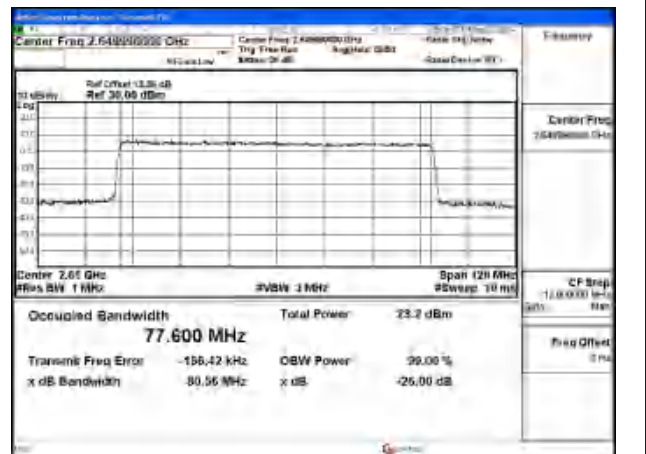


Fig.82



Fig.83



Fig.84



Fig.85

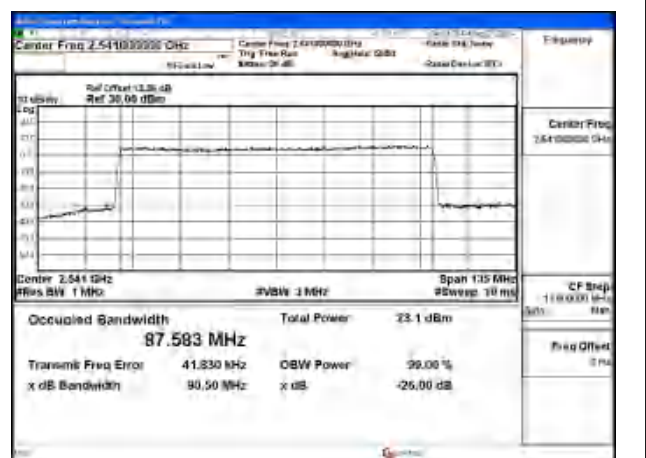


Fig.86



Fig.87

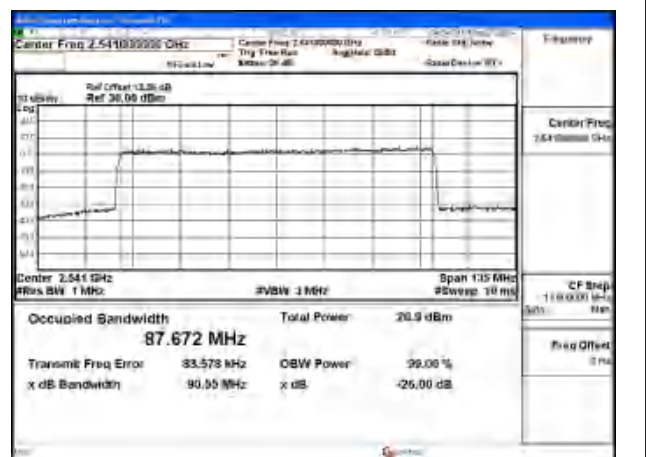


Fig.88



Fig.89



Fig.90



Fig.91

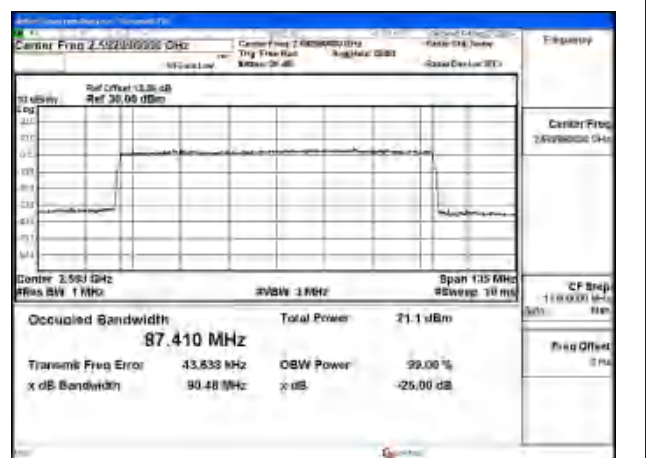


Fig.92



Fig.93

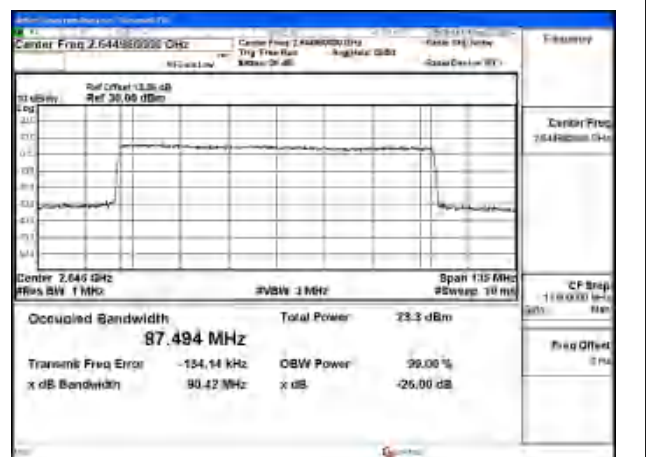


Fig.94



Fig.95



Fig.96



Fig.97

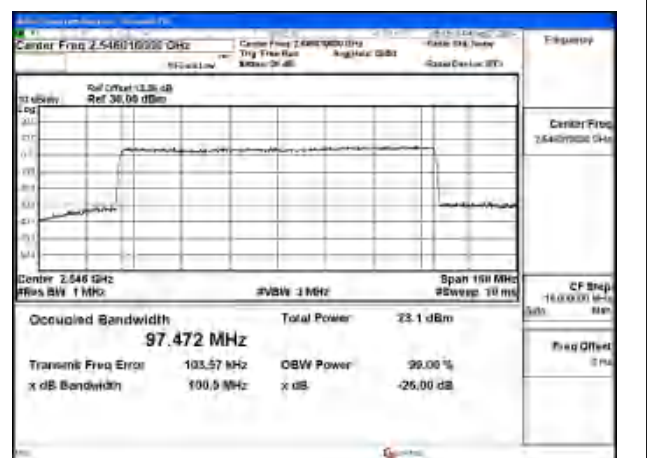


Fig.98



Fig.99

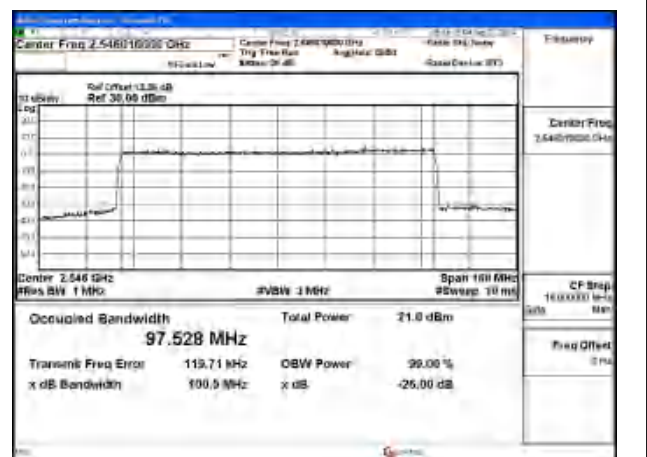


Fig.100



Fig.101

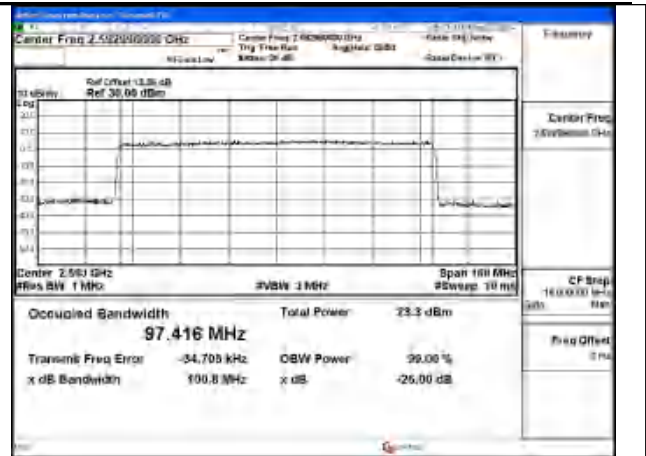


Fig.102



Fig.103

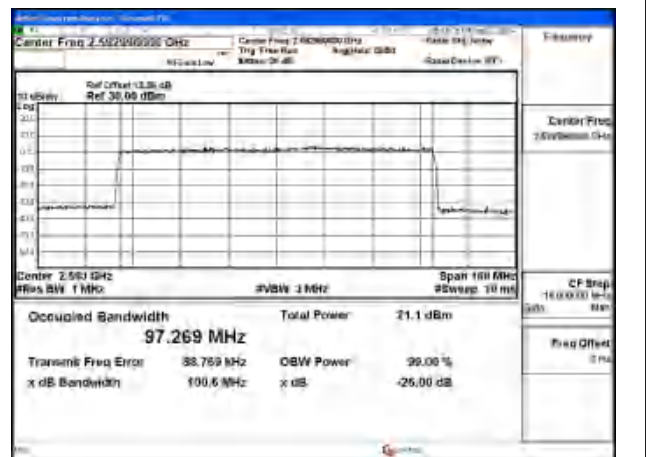


Fig.104



Fig.105

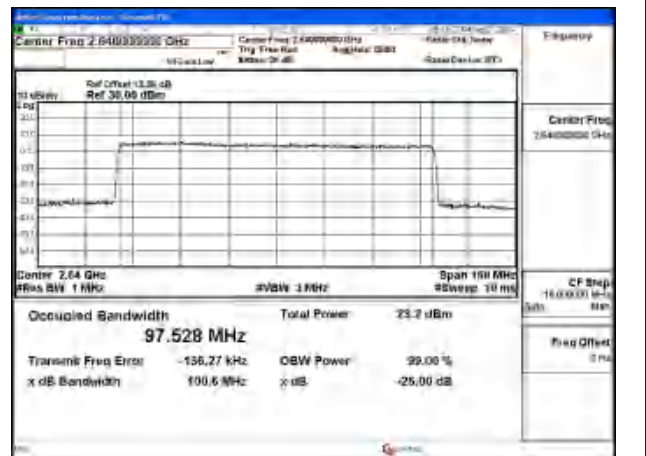


Fig.106



Fig.107

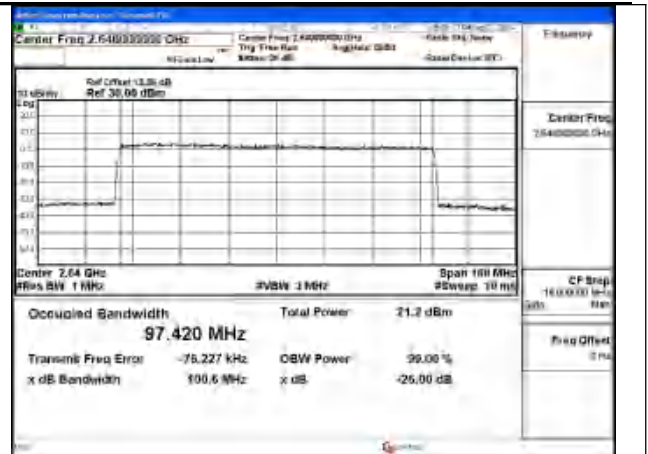


Fig.108

3 Emission Bandwidth

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB Power (MHz)	
CP-OFDM QPSK	2506.02	501204	20	51	0	19.340	Fig.1
CP-OFDM 16QAM	2506.02	501204	20	51	0	19.650	Fig.2
CP-OFDM 64QAM	2506.02	501204	20	51	0	19.570	Fig.3
CP-OFDM 256QAM	2506.02	501204	20	51	0	19.620	Fig.4
CP-OFDM QPSK	2592.99	518598	20	51	0	19.590	Fig.5
CP-OFDM 16QAM	2592.99	518598	20	51	0	19.750	Fig.6
CP-OFDM 64QAM	2592.99	518598	20	51	0	19.490	Fig.7
CP-OFDM 256QAM	2592.99	518598	20	51	0	19.820	Fig.8
CP-OFDM QPSK	2679.99	535998	20	51	0	19.370	Fig.9
CP-OFDM 16QAM	2679.99	535998	20	51	0	19.510	Fig.10
CP-OFDM 64QAM	2679.99	535998	20	51	0	19.540	Fig.11
CP-OFDM 256QAM	2679.99	535998	20	51	0	19.530	Fig.12
CP-OFDM QPSK	2511	502200	30	78	0	29.320	Fig.13
CP-OFDM 16QAM	2511	502200	30	78	0	29.330	Fig.14
CP-OFDM 64QAM	2511	502200	30	78	0	29.160	Fig.15
CP-OFDM 256QAM	2511	502200	30	78	0	29.260	Fig.16
CP-OFDM QPSK	2592.99	518598	30	78	0	29.500	Fig.17
CP-OFDM 16QAM	2592.99	518598	30	78	0	29.300	Fig.18
CP-OFDM 64QAM	2592.99	518598	30	78	0	29.370	Fig.19
CP-OFDM 256QAM	2592.99	518598	30	78	0	29.370	Fig.20
CP-OFDM QPSK	2674.98	534996	30	78	0	29.180	Fig.21
CP-OFDM 16QAM	2674.98	534996	30	78	0	29.330	Fig.22
CP-OFDM 64QAM	2674.98	534996	30	78	0	29.170	Fig.23
CP-OFDM 256QAM	2674.98	534996	30	78	0	29.220	Fig.24
CP-OFDM QPSK	2516.01	503202	40	106	0	40.550	Fig.25
CP-OFDM 16QAM	2516.01	503202	40	106	0	40.540	Fig.26
CP-OFDM 64QAM	2516.01	503202	40	106	0	40.490	Fig.27
CP-OFDM 256QAM	2516.01	503202	40	106	0	40.550	Fig.28
CP-OFDM QPSK	2592.99	518598	40	106	0	40.480	Fig.29
CP-OFDM 16QAM	2592.99	518598	40	106	0	40.480	Fig.30
CP-OFDM 64QAM	2592.99	518598	40	106	0	40.550	Fig.31
CP-OFDM 256QAM	2592.99	518598	40	106	0	40.660	Fig.32
CP-OFDM QPSK	2670	534000	40	106	0	40.570	Fig.33
CP-OFDM 16QAM	2670	534000	40	106	0	40.460	Fig.34
CP-OFDM 64QAM	2670	534000	40	106	0	40.490	Fig.35
CP-OFDM 256QAM	2670	534000	40	106	0	40.510	Fig.36
CP-OFDM QPSK	2521.02	504204	50	133	0	50.280	Fig.37
CP-OFDM 16QAM	2521.02	504204	50	133	0	50.190	Fig.38
CP-OFDM 64QAM	2521.02	504204	50	133	0	50.300	Fig.39
CP-OFDM 256QAM	2521.02	504204	50	133	0	50.090	Fig.40
CP-OFDM QPSK	2592.99	518598	50	133	0	50.080	Fig.41
CP-OFDM 16QAM	2592.99	518598	50	133	0	50.310	Fig.42
CP-OFDM 64QAM	2592.99	518598	50	133	0	50.150	Fig.43



CP-OFDM 256QAM	2592.99	518598	50	133	0	50.190	Fig.44
CP-OFDM QPSK	2664.99	532998	50	133	0	50.330	Fig.45
CP-OFDM 16QAM	2664.99	532998	50	133	0	50.240	Fig.46
CP-OFDM 64QAM	2664.99	532998	50	133	0	50.140	Fig.47
CP-OFDM 256QAM	2664.99	532998	50	133	0	50.200	Fig.48
CP-OFDM QPSK	2526	505200	60	162	0	60.680	Fig.49
CP-OFDM 16QAM	2526	505200	60	162	0	60.660	Fig.50
CP-OFDM 64QAM	2526	505200	60	162	0	60.640	Fig.51
CP-OFDM 256QAM	2526	505200	60	162	0	60.690	Fig.52
CP-OFDM QPSK	2592.99	518598	60	162	0	60.630	Fig.53
CP-OFDM 16QAM	2592.99	518598	60	162	0	60.620	Fig.54
CP-OFDM 64QAM	2592.99	518598	60	162	0	60.500	Fig.55
CP-OFDM 256QAM	2592.99	518598	60	162	0	60.650	Fig.56
CP-OFDM QPSK	2659.98	531996	60	162	0	60.680	Fig.57
CP-OFDM 16QAM	2659.98	531996	60	162	0	60.700	Fig.58
CP-OFDM 64QAM	2659.98	531996	60	162	0	60.650	Fig.59
CP-OFDM 256QAM	2659.98	531996	60	162	0	60.600	Fig.60
CP-OFDM QPSK	2531.01	506202	70	189	0	70.430	Fig.61
CP-OFDM 16QAM	2531.01	506202	70	189	0	70.290	Fig.62
CP-OFDM 64QAM	2531.01	506202	70	189	0	70.290	Fig.63
CP-OFDM 256QAM	2531.01	506202	70	189	0	70.540	Fig.64
CP-OFDM QPSK	2592.99	518598	70	189	0	70.310	Fig.65
CP-OFDM 16QAM	2592.99	518598	70	189	0	70.280	Fig.66
CP-OFDM 64QAM	2592.99	518598	70	189	0	70.340	Fig.67
CP-OFDM 256QAM	2592.99	518598	70	189	0	70.310	Fig.68
CP-OFDM QPSK	2655	531000	70	189	0	70.320	Fig.69
CP-OFDM 16QAM	2655	531000	70	189	0	70.340	Fig.70
CP-OFDM 64QAM	2655	531000	70	189	0	70.450	Fig.71
CP-OFDM 256QAM	2655	531000	70	189	0	70.330	Fig.72
CP-OFDM QPSK	2536.02	507204	80	217	0	80.420	Fig.73
CP-OFDM 16QAM	2536.02	507204	80	217	0	80.420	Fig.74
CP-OFDM 64QAM	2536.02	507204	80	217	0	80.450	Fig.75
CP-OFDM 256QAM	2536.02	507204	80	217	0	80.500	Fig.76
CP-OFDM QPSK	2592.99	518598	80	217	0	80.430	Fig.77
CP-OFDM 16QAM	2592.99	518598	80	217	0	80.580	Fig.78
CP-OFDM 64QAM	2592.99	518598	80	217	0	80.430	Fig.79
CP-OFDM 256QAM	2592.99	518598	80	217	0	80.460	Fig.80
CP-OFDM QPSK	2649.99	529998	80	217	0	80.400	Fig.81
CP-OFDM 16QAM	2649.99	529998	80	217	0	80.560	Fig.82
CP-OFDM 64QAM	2649.99	529998	80	217	0	80.530	Fig.83
CP-OFDM 256QAM	2649.99	529998	80	217	0	80.470	Fig.84
CP-OFDM QPSK	2541	508200	90	245	0	90.490	Fig.85
CP-OFDM 16QAM	2541	508200	90	245	0	90.500	Fig.86
CP-OFDM 64QAM	2541	508200	90	245	0	90.430	Fig.87
CP-OFDM 256QAM	2541	508200	90	245	0	90.550	Fig.88
CP-OFDM QPSK	2592.99	518598	90	245	0	90.510	Fig.89

CP-OFDM 16QAM	2592.99	518598	90	245	0	90.540	Fig.90
CP-OFDM 64QAM	2592.99	518598	90	245	0	90.500	Fig.91
CP-OFDM 256QAM	2592.99	518598	90	245	0	90.480	Fig.92
CP-OFDM QPSK	2644.98	528996	90	245	0	90.540	Fig.93
CP-OFDM 16QAM	2644.98	528996	90	245	0	90.420	Fig.94
CP-OFDM 64QAM	2644.98	528996	90	245	0	90.540	Fig.95
CP-OFDM 256QAM	2644.98	528996	90	245	0	90.440	Fig.96
CP-OFDM QPSK	2546.01	509202	100	273	0	100.780	Fig.97
CP-OFDM 16QAM	2546.01	509202	100	273	0	100.530	Fig.98
CP-OFDM 64QAM	2546.01	509202	100	273	0	100.580	Fig.99
CP-OFDM 256QAM	2546.01	509202	100	273	0	100.530	Fig.100
CP-OFDM QPSK	2592.99	518598	100	273	0	100.560	Fig.101
CP-OFDM 16QAM	2592.99	518598	100	273	0	100.770	Fig.102
CP-OFDM 64QAM	2592.99	518598	100	273	0	100.550	Fig.103
CP-OFDM 256QAM	2592.99	518598	100	273	0	100.590	Fig.104
CP-OFDM QPSK	2640	528000	100	273	0	100.560	Fig.105
CP-OFDM 16QAM	2640	528000	100	273	0	100.570	Fig.106
CP-OFDM 64QAM	2640	528000	100	273	0	100.640	Fig.107
CP-OFDM 256QAM	2640	528000	100	273	0	100.630	Fig.108

Test Plot:



Fig.1



Fig.2

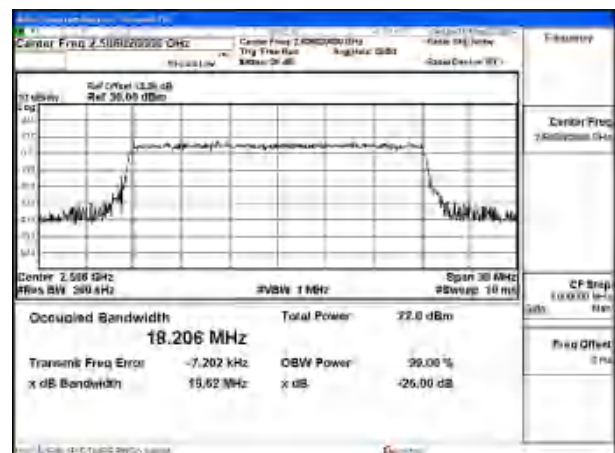
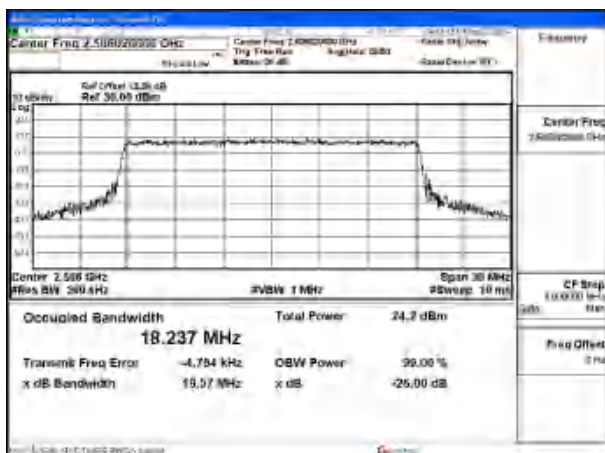


Fig.3

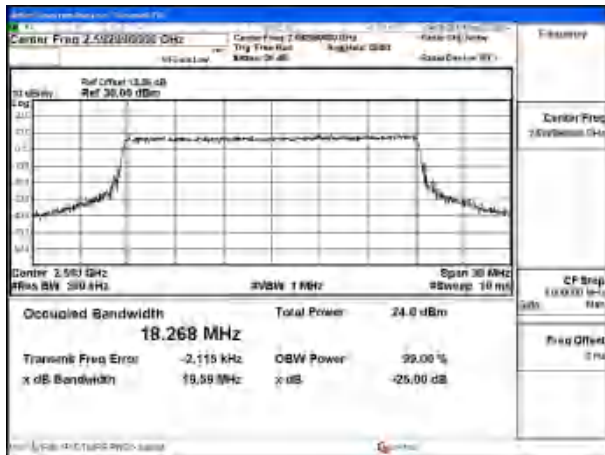


Fig.4



Fig.5

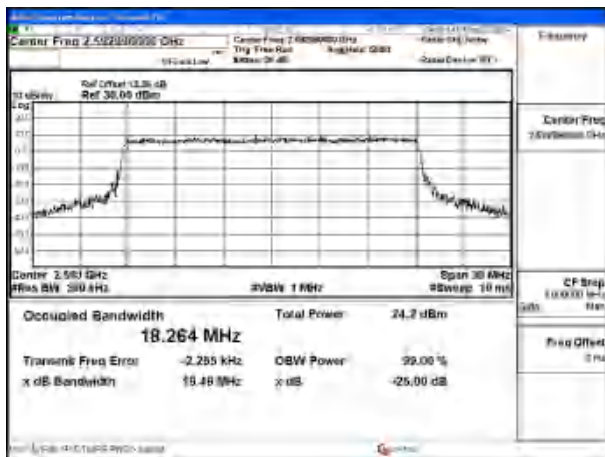


Fig.6

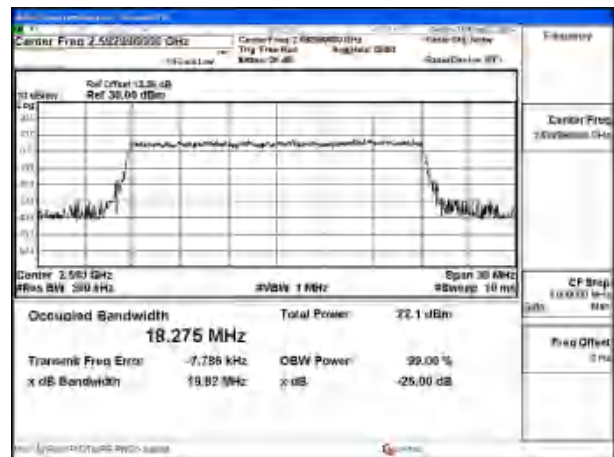


Fig.7



Fig.8



Fig.9

Fig.10



Fig.11



Fig.12



Fig.13



Fig.14



Fig.15

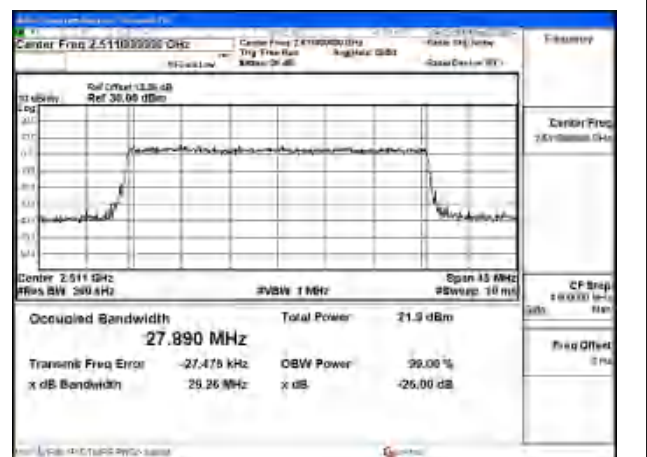


Fig.16



Fig.17



Fig.18



Fig.19



Fig.20



Fig.21



Fig.22



Fig.23



Fig.24



Fig.25



Fig.26



Fig.27

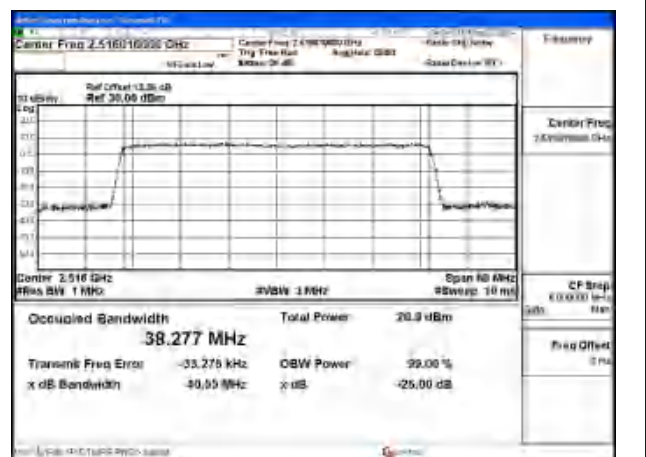


Fig.28



Fig.29



Fig.30



Fig.31

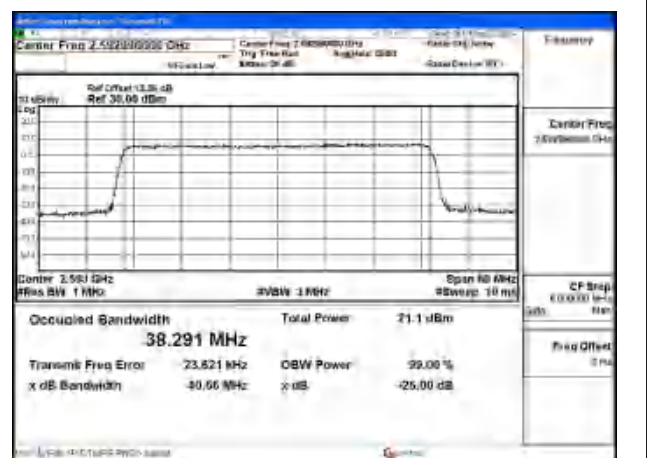


Fig.32



Fig.33

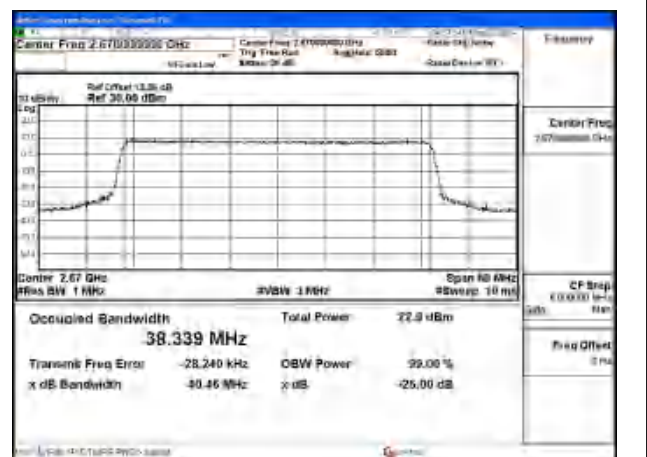


Fig.34



Fig.35



Fig.36



Fig.37



Fig.38



Fig.39



Fig.40



Fig.41



Fig.42



Fig.43



Fig.44



Fig.45

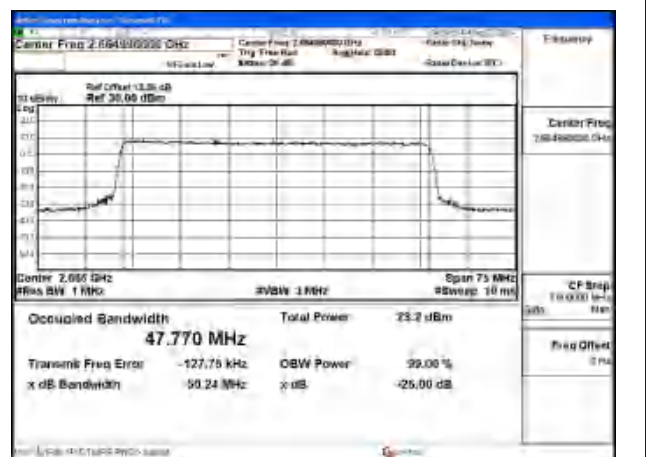


Fig.46



Fig.47



Fig.48



Fig.49

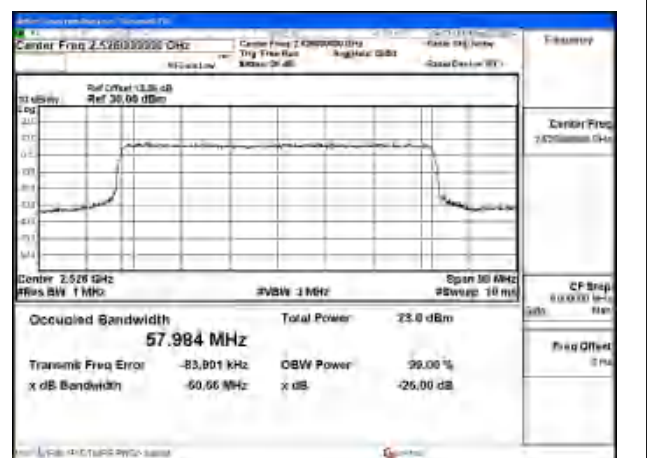


Fig.50



Fig.51

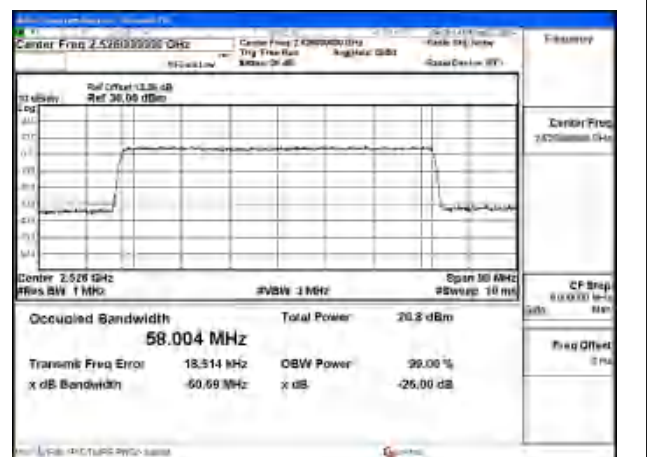


Fig.52



Fig.53



Fig.54



Fig.55

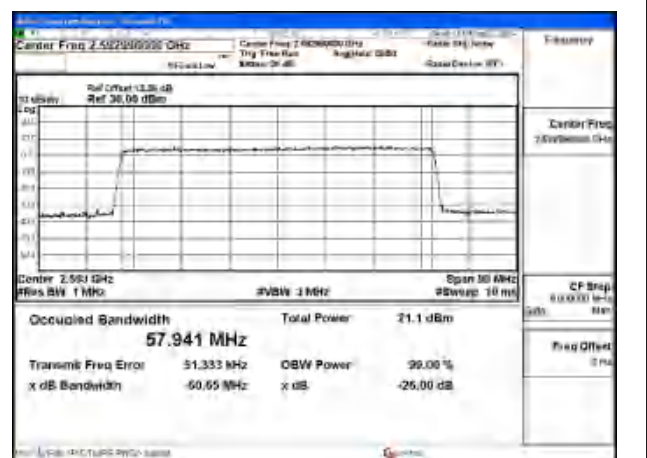


Fig.56



Fig.57

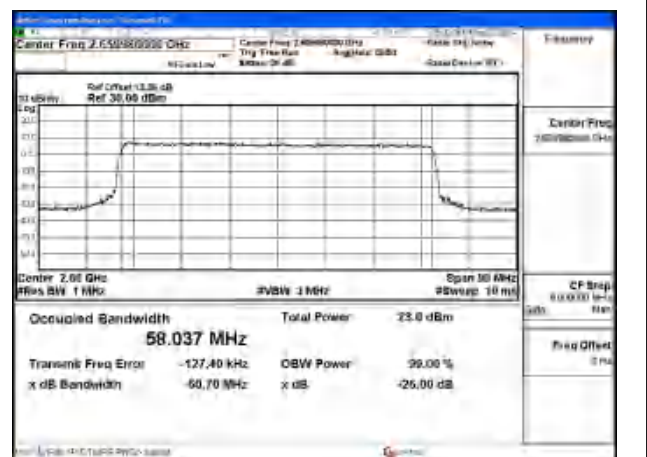


Fig.58



Fig.59



Fig.60



Fig.61

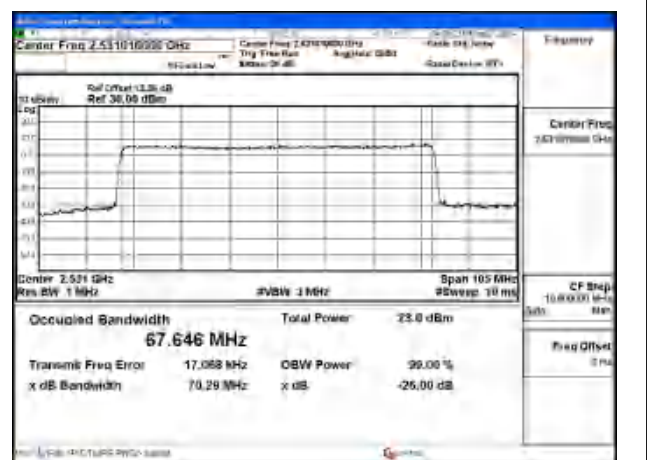


Fig.62



Fig.63



Fig.64



Fig.65

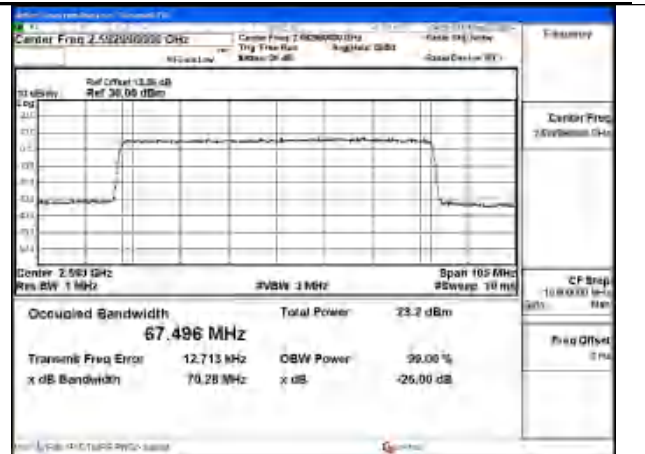


Fig.66



Fig.67



Fig.68



Fig.69

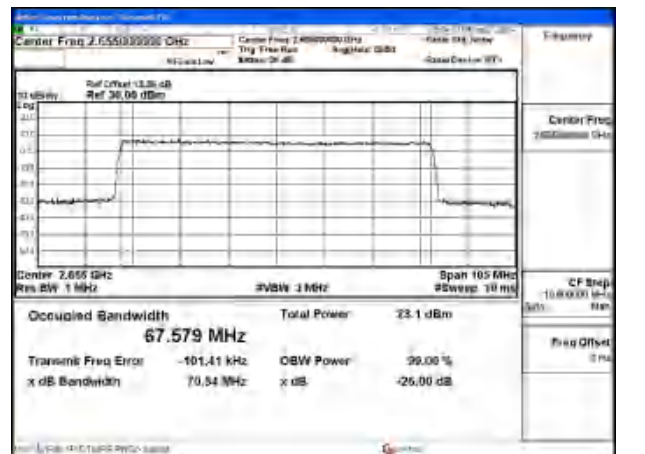


Fig.70



Fig.71

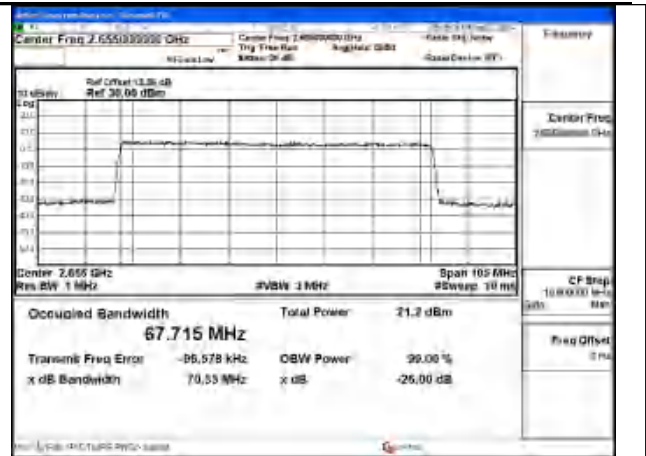


Fig.72



Fig.73



Fig.74



Fig.75

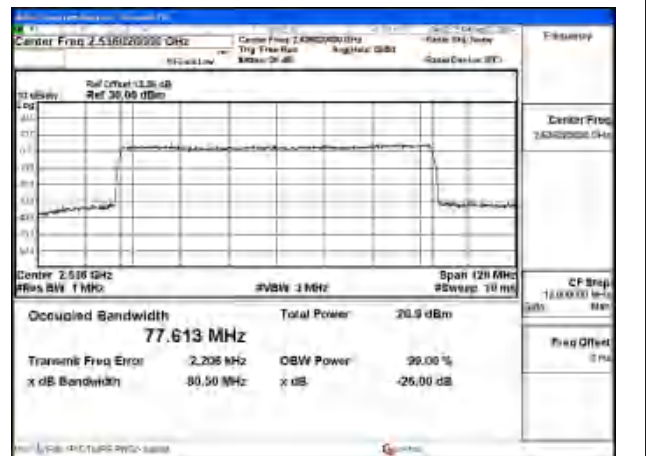


Fig.76



Fig.77



Fig.78



Fig.79

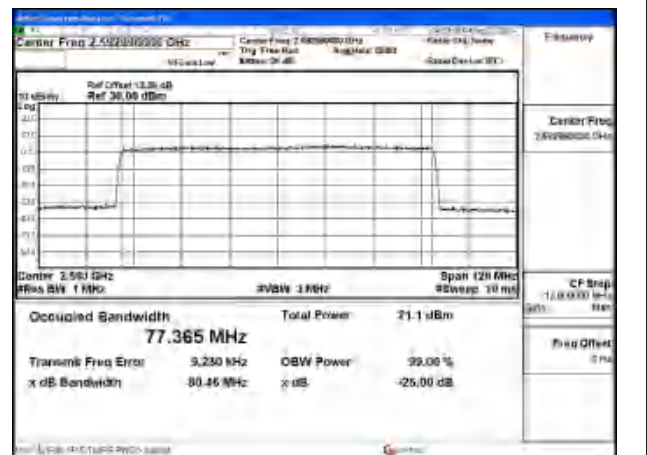


Fig.80



Fig.81

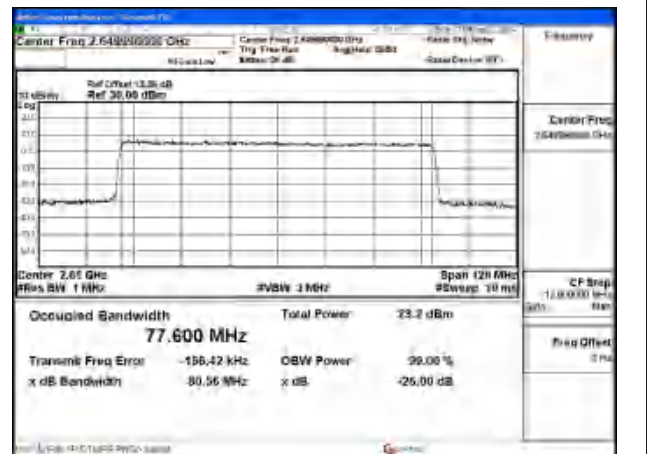


Fig.82



Fig.83



Fig.84



Fig.85

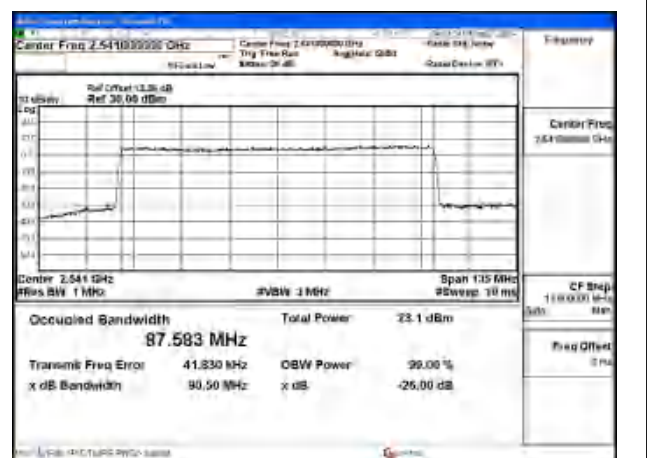


Fig.86



Fig.87

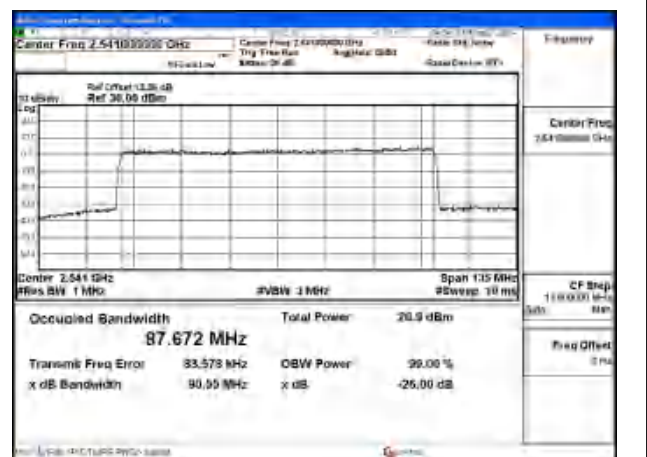


Fig.88



Fig.89



Fig.90



Fig.91

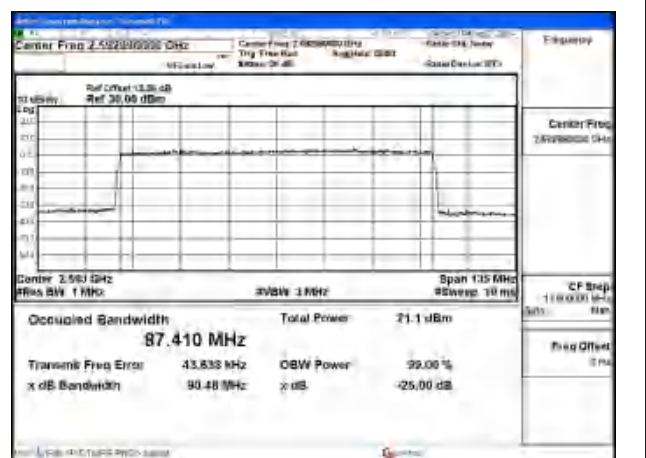


Fig.92



Fig.93

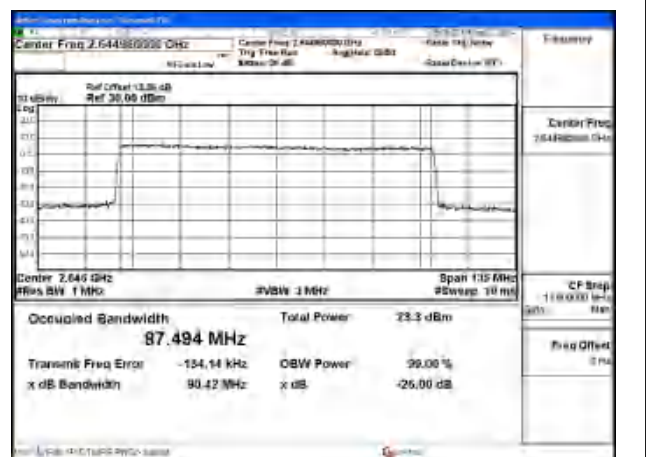


Fig.94



Fig.95



Fig.96



Fig.97

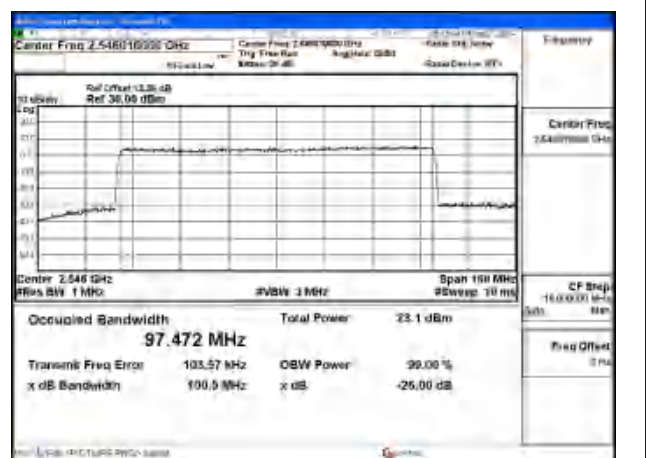


Fig.98



Fig.99

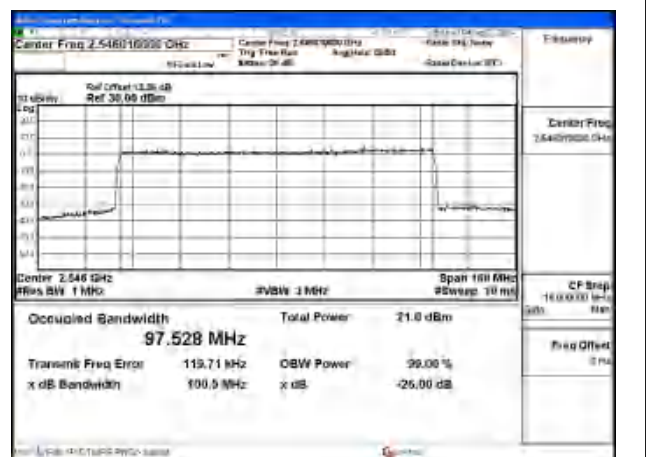


Fig.100



Fig.101

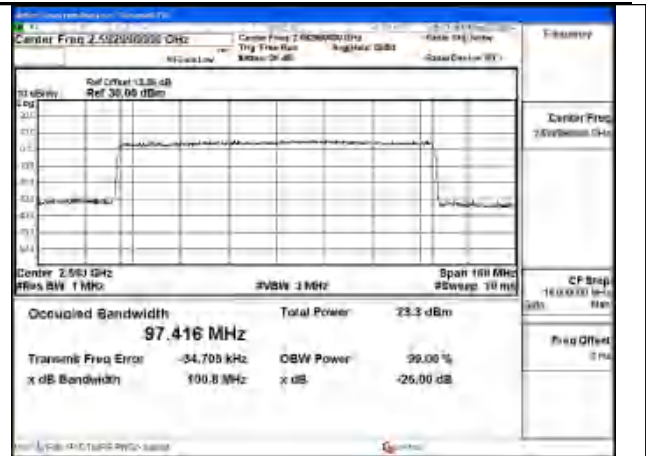


Fig.102



Fig.103

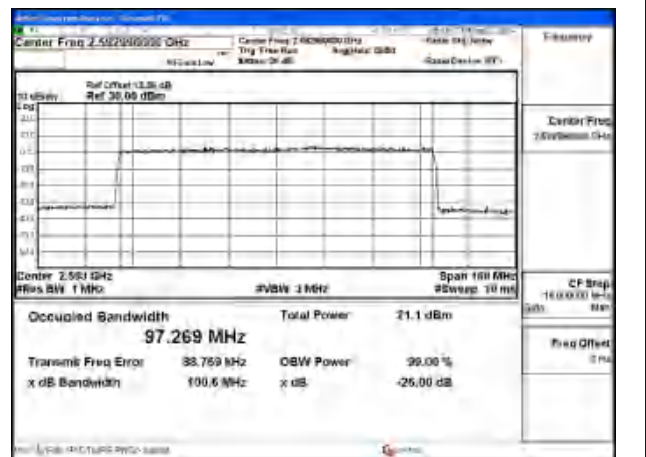


Fig.104



Fig.105

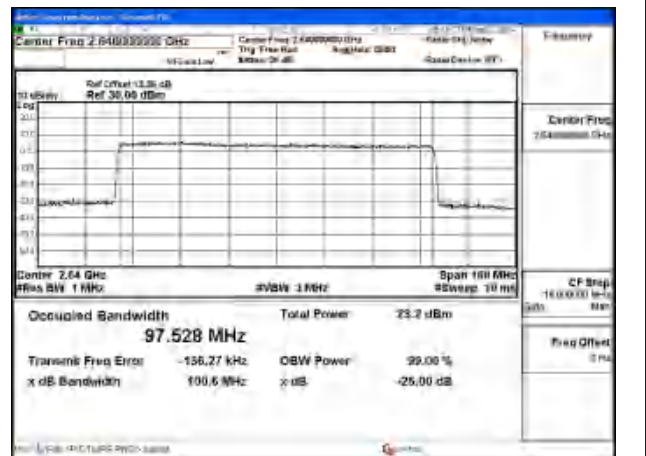


Fig.106



Fig.107

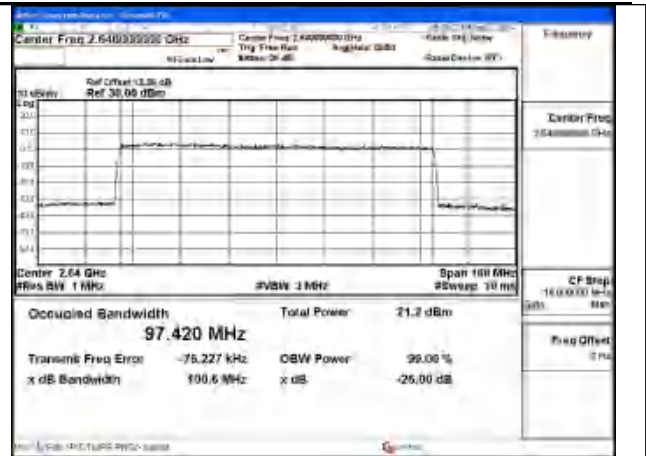


Fig.108

4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	50	0	Fig.1
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	Fig.2
CP-OFDM 16QAM	2506.02	501204	20	51	0	Fig.3
CP-OFDM 64QAM	2506.02	501204	20	51	0	Fig.4
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	50	0	Fig.5
DFT-s-OFDM QPSK	2592.99	518598	20	50	0	Fig.6
CP-OFDM 16QAM	2592.99	518598	20	51	0	Fig.7
CP-OFDM 64QAM	2592.99	518598	20	51	0	Fig.8
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	50	0	Fig.9
DFT-s-OFDM QPSK	2679.99	535998	20	50	0	Fig.10
CP-OFDM 16QAM	2679.99	535998	20	51	0	Fig.11
CP-OFDM 64QAM	2679.99	535998	20	51	0	Fig.12
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	270	0	Fig.13
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	Fig.14
CP-OFDM 16QAM	2546.01	509202	100	273	0	Fig.15
CP-OFDM 64QAM	2546.01	509202	100	273	0	Fig.16
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	270	0	Fig.17
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	Fig.18
CP-OFDM 16QAM	2592.99	518598	100	273	0	Fig.19
CP-OFDM 64QAM	2592.99	518598	100	273	0	Fig.20
DFT-s-OFDM PI/2 BPSK	2640	528000	100	270	0	Fig.21
DFT-s-OFDM QPSK	2640	528000	100	270	0	Fig.22
CP-OFDM 16QAM	2640	528000	100	273	0	Fig.23
CP-OFDM 64QAM	2640	528000	100	273	0	Fig.24

Test Plot:

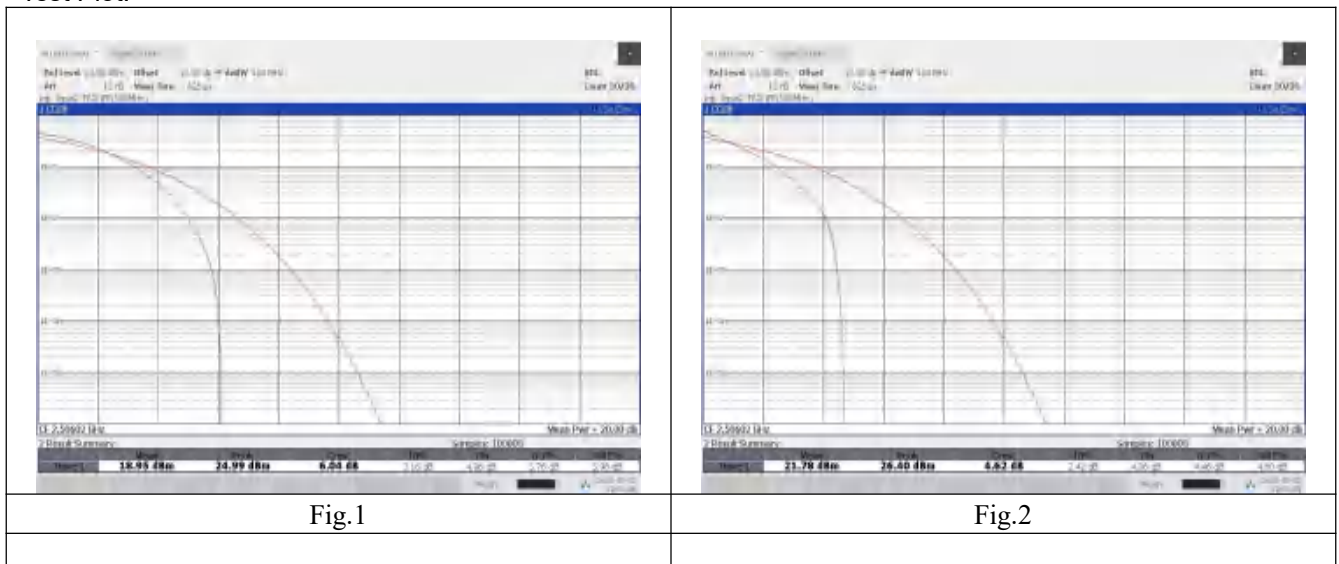




Fig.3



Fig.4

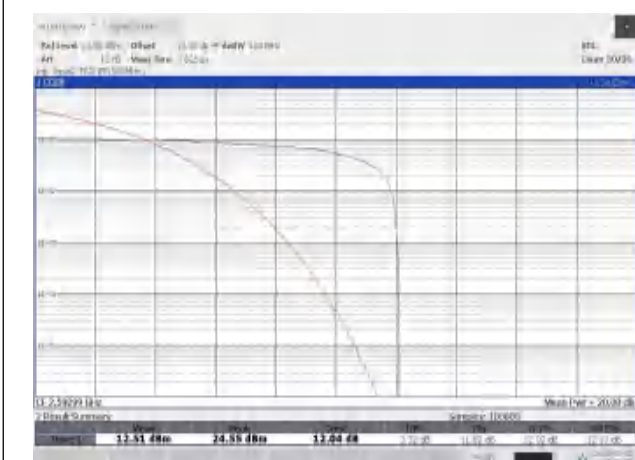


Fig.5

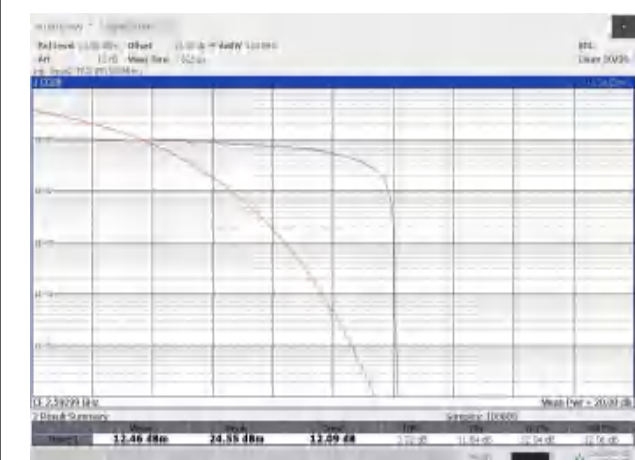


Fig.6

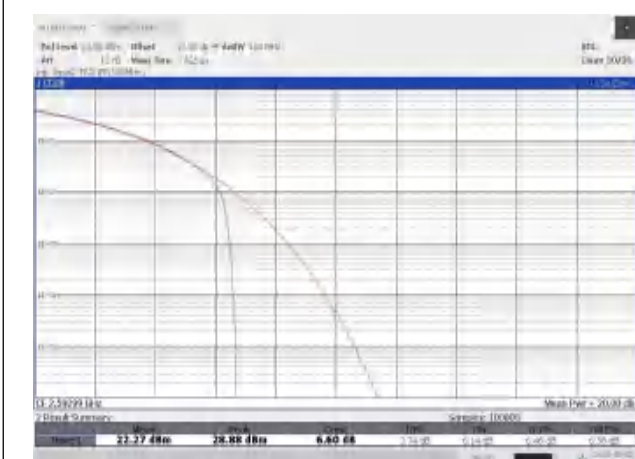


Fig.7

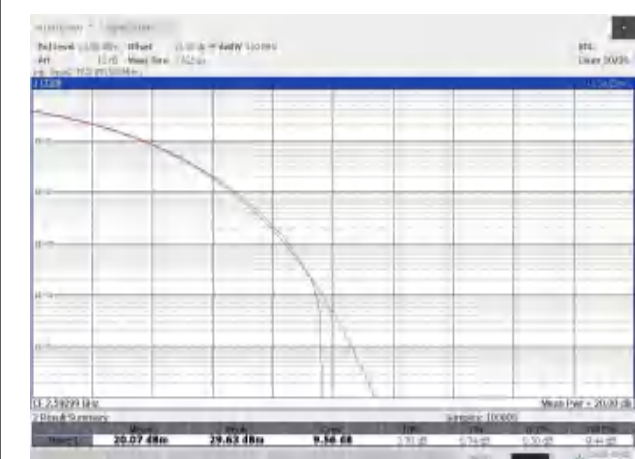


Fig.8

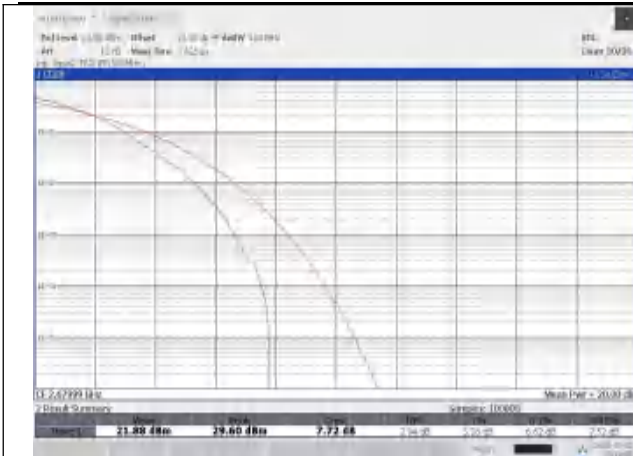


Fig.9

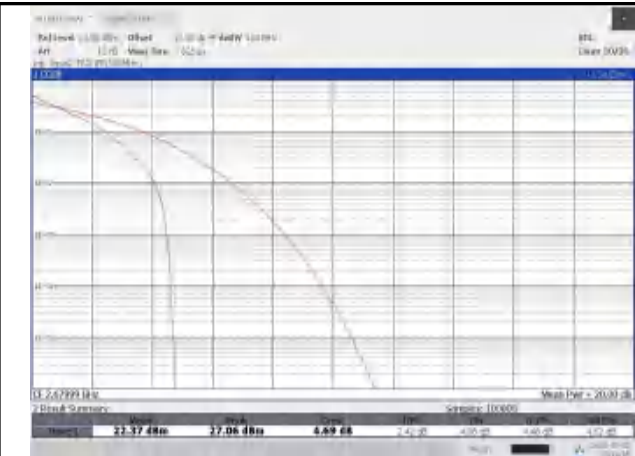


Fig.10

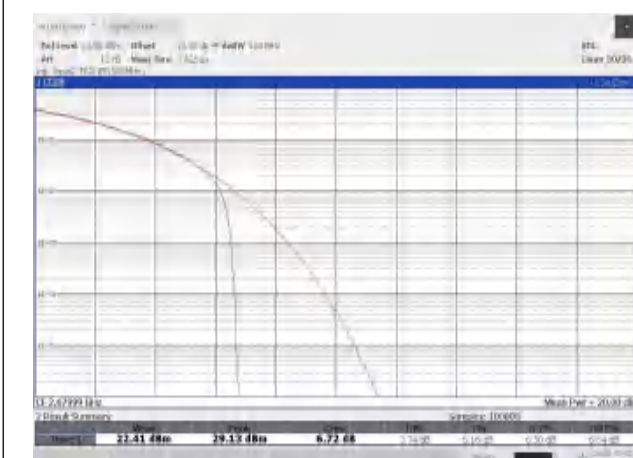


Fig.11

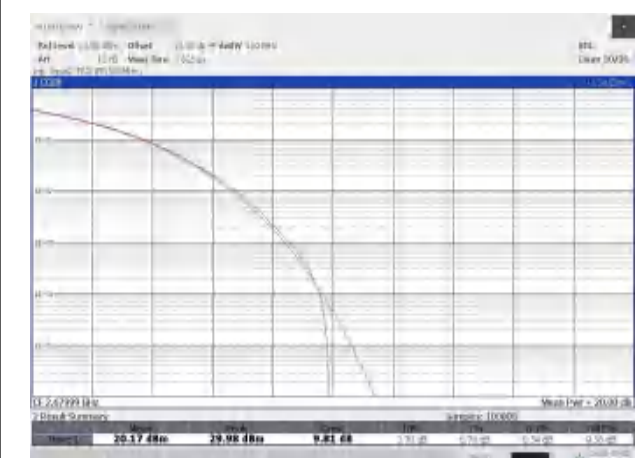


Fig.12

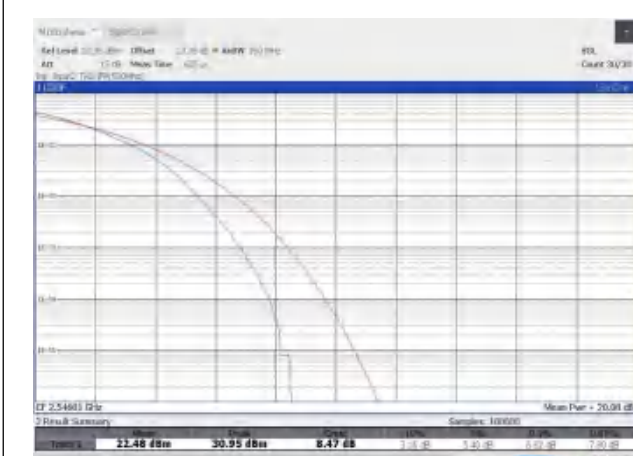


Fig.13

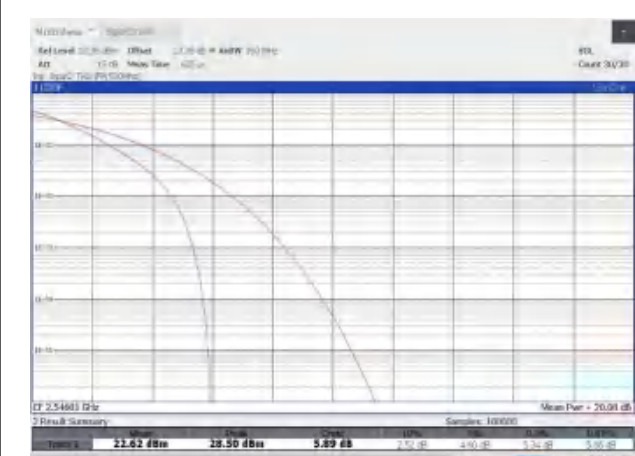


Fig.14

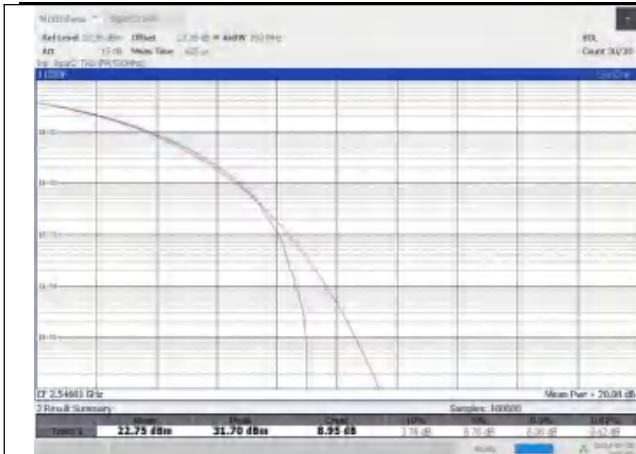


Fig.15

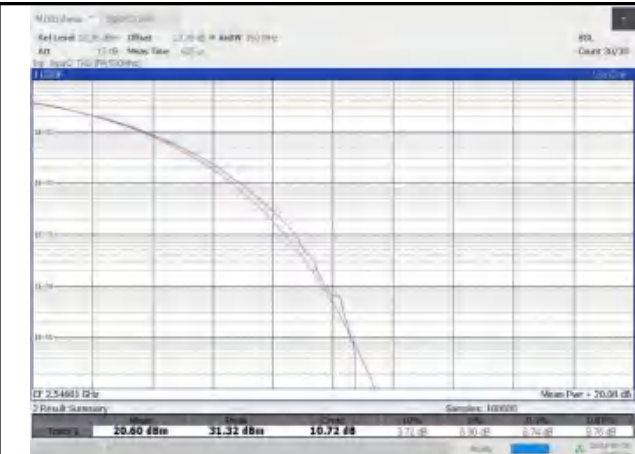


Fig.16

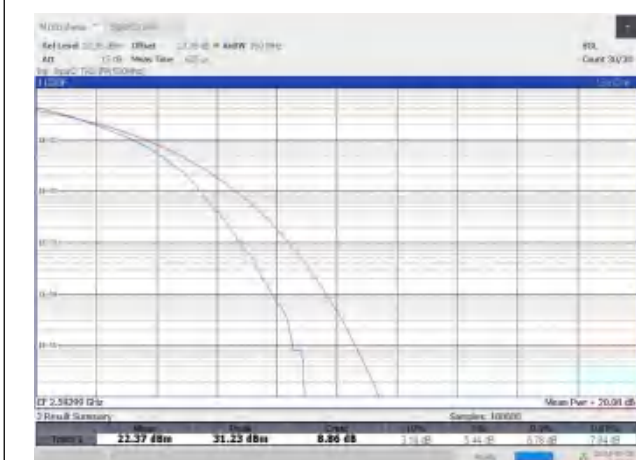


Fig.17

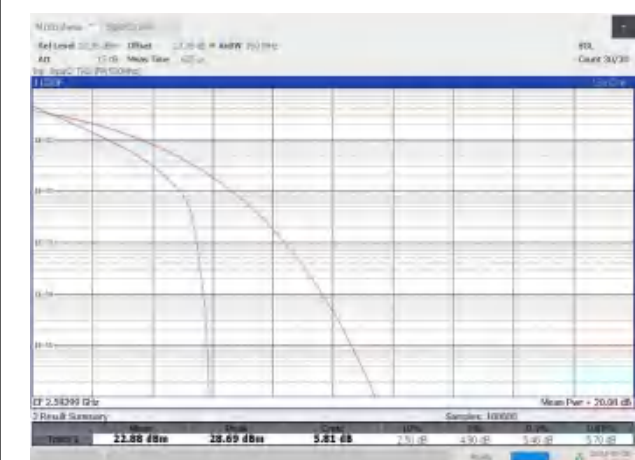


Fig.18

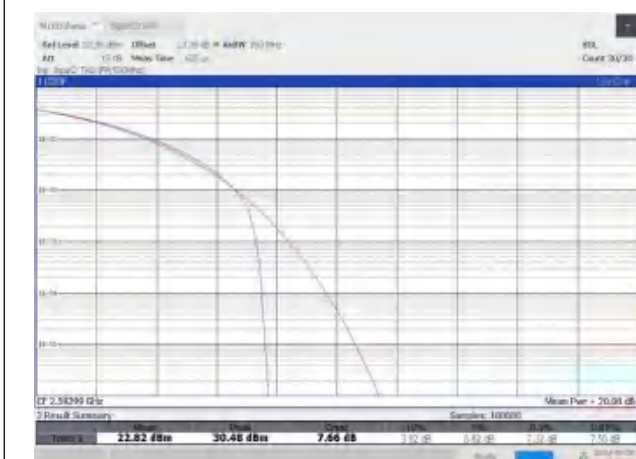


Fig.19

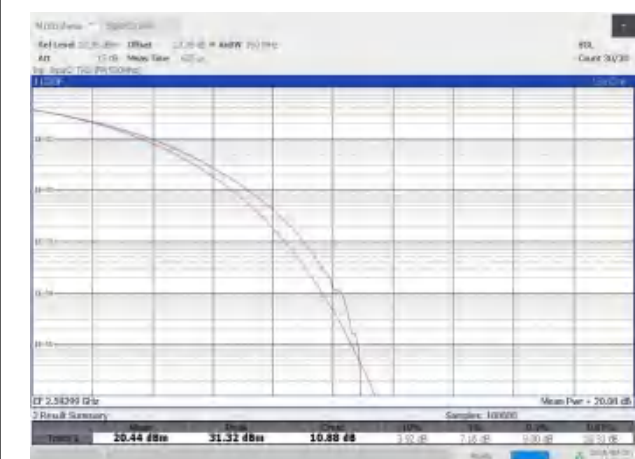


Fig.20

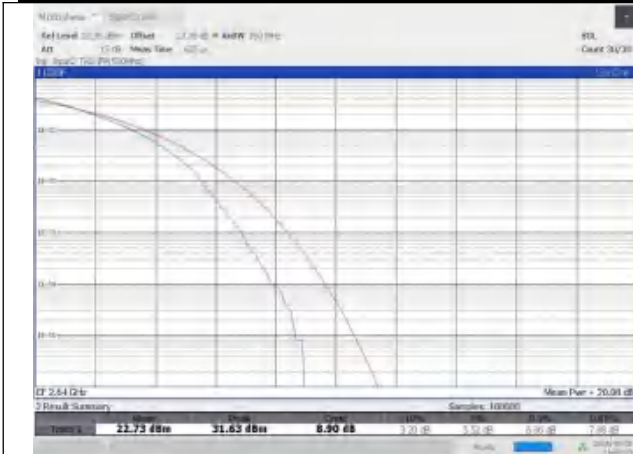


Fig.21

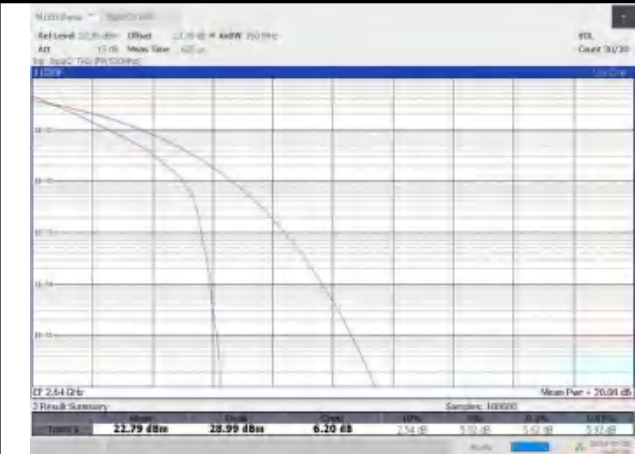


Fig.22

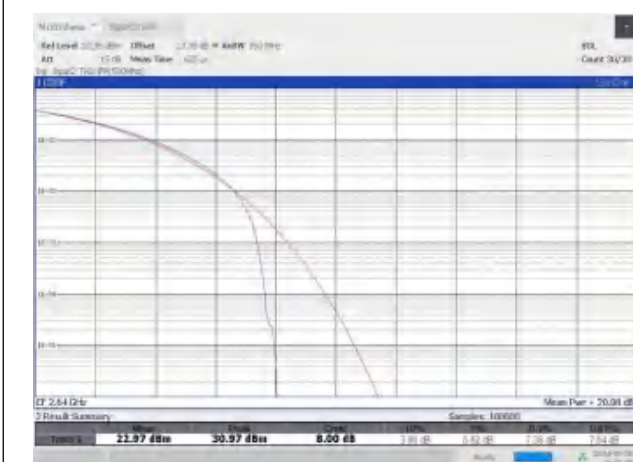


Fig.23

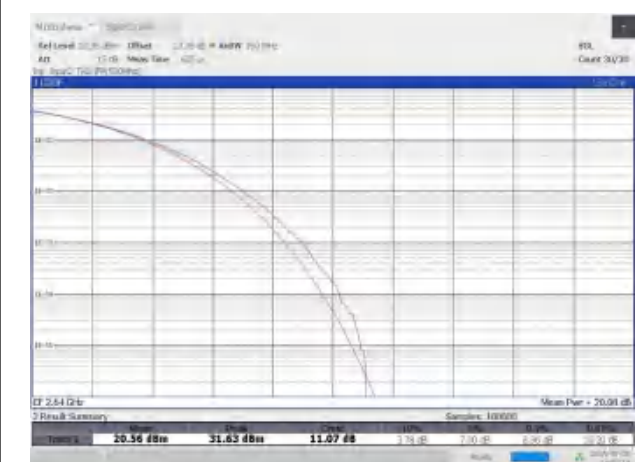
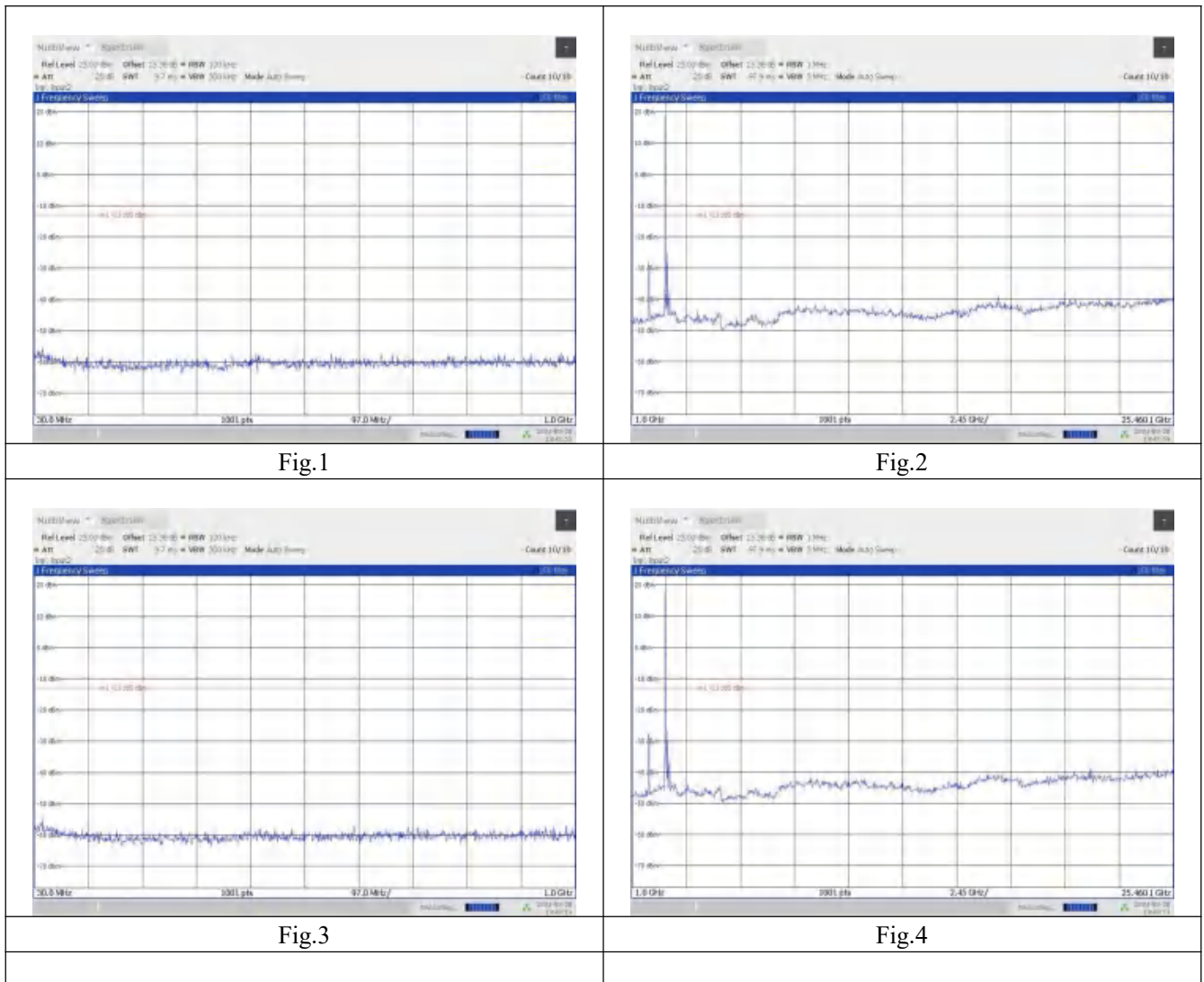


Fig.24

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
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	Fig.1	Fig.2
CP-OFDM QPSK	2546.01	509202	100	1	0	Fig.3	Fig.4
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	Fig.5	Fig.6
CP-OFDM QPSK	2592.99	518598	100	1	0	Fig.7	Fig.8
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	Fig.9	Fig.10
CP-OFDM QPSK	2640	528000	100	1	0	Fig.11	Fig.12

Test Plot:



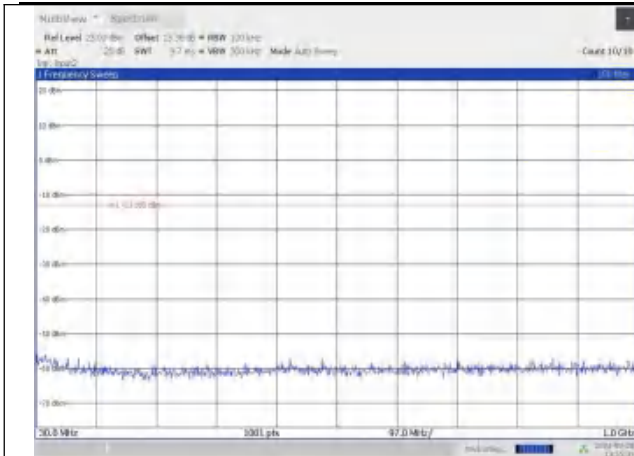


Fig.5



Fig.6

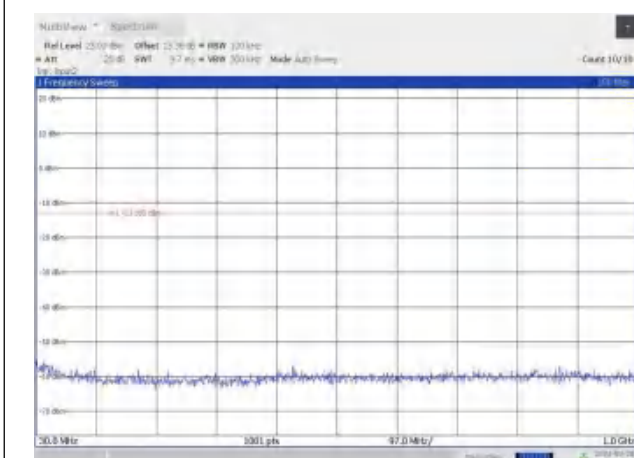


Fig.7

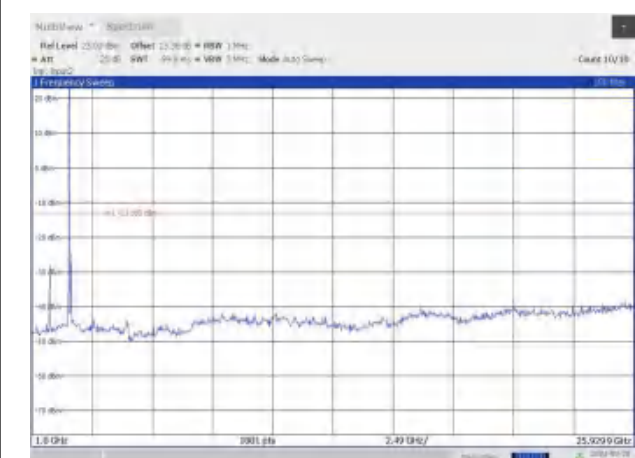


Fig.8

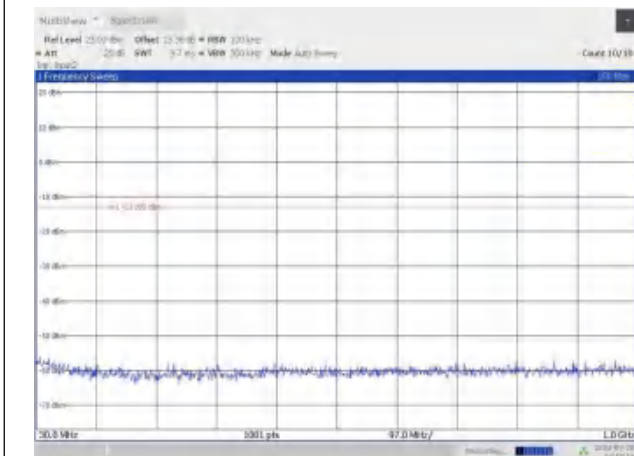


Fig.9

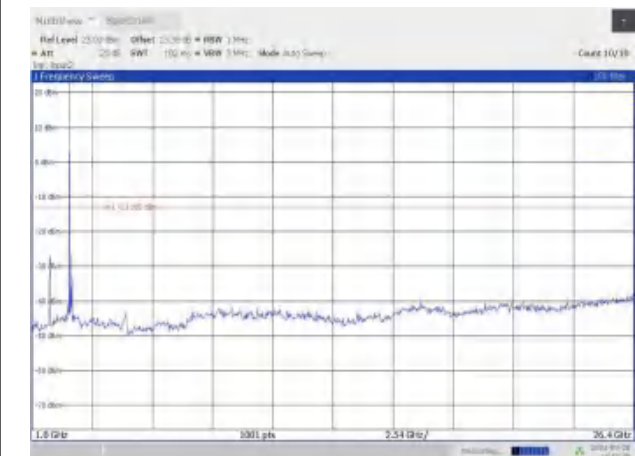


Fig.10

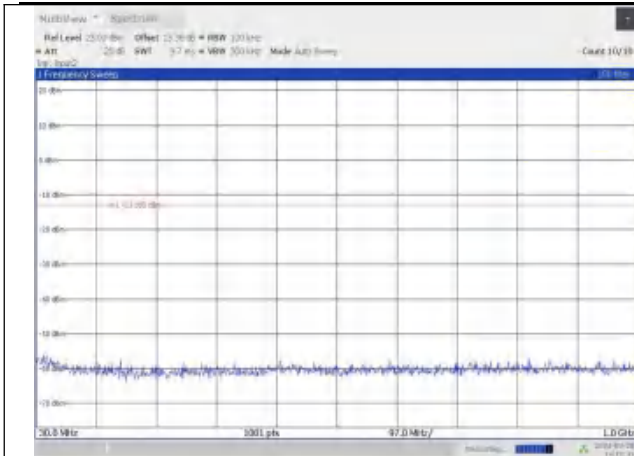


Fig.11

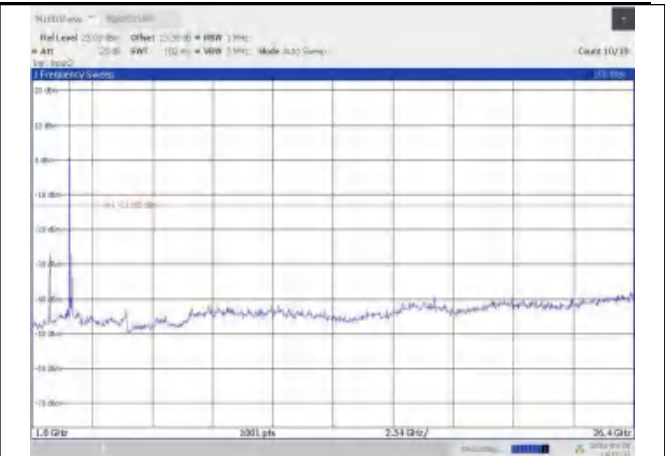


Fig.12



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	1	0	Fig.1
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	50	0	Fig.2
CP-OFDM QPSK	2506.02	501204	20	1	0	Fig.3
CP-OFDM QPSK	2506.02	501204	20	51	0	Fig.4
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	50	Fig.5
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	50	0	Fig.6
CP-OFDM QPSK	2679.99	535998	20	1	50	Fig.7
CP-OFDM QPSK	2679.99	535998	20	51	0	Fig.8
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	Fig.9
DFT-s-OFDM PI/2 BPSK	2511	502200	30	75	0	Fig.10
CP-OFDM QPSK	2511	502200	30	1	0	Fig.11
CP-OFDM QPSK	2511	502200	30	78	0	Fig.12
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	77	Fig.13
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	75	0	Fig.14
CP-OFDM QPSK	2674.98	534996	30	1	77	Fig.15
CP-OFDM QPSK	2674.98	534996	30	78	0	Fig.16
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	Fig.17
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	100	0	Fig.18
CP-OFDM QPSK	2516.01	503202	40	1	0	Fig.19
CP-OFDM QPSK	2516.01	503202	40	106	0	Fig.20
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	105	Fig.21
DFT-s-OFDM PI/2 BPSK	2670	534000	40	100	0	Fig.22
CP-OFDM QPSK	2670	534000	40	1	105	Fig.23
CP-OFDM QPSK	2670	534000	40	106	0	Fig.24
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	Fig.25
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	128	0	Fig.26
CP-OFDM QPSK	2521.02	504204	50	1	0	Fig.27
CP-OFDM QPSK	2521.02	504204	50	133	0	Fig.28
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	132	Fig.29
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	128	0	Fig.30
CP-OFDM QPSK	2664.99	532998	50	1	132	Fig.31
CP-OFDM QPSK	2664.99	532998	50	133	0	Fig.32
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	Fig.33
DFT-s-OFDM PI/2 BPSK	2526	505200	60	162	0	Fig.34
CP-OFDM QPSK	2526	505200	60	1	0	Fig.35
CP-OFDM QPSK	2526	505200	60	162	0	Fig.36
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	161	Fig.37
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	162	0	Fig.38
CP-OFDM QPSK	2659.98	531996	60	1	161	Fig.39
CP-OFDM QPSK	2659.98	531996	60	162	0	Fig.40
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	Fig.41
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	180	0	Fig.42
CP-OFDM QPSK	2531.01	506202	70	1	0	Fig.43



CP-OFDM QPSK	2531.01	506202	70	189	0	Fig.44
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	188	Fig.45
DFT-s-OFDM PI/2 BPSK	2655	531000	70	180	0	Fig.46
CP-OFDM QPSK	2655	531000	70	1	188	Fig.47
CP-OFDM QPSK	2655	531000	70	189	0	Fig.48
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	Fig.49
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	216	0	Fig.50
CP-OFDM QPSK	2536.02	507204	80	1	0	Fig.51
CP-OFDM QPSK	2536.02	507204	80	217	0	Fig.52
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	216	Fig.53
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	216	0	Fig.54
CP-OFDM QPSK	2649.99	529998	80	1	216	Fig.55
CP-OFDM QPSK	2649.99	529998	80	217	0	Fig.56
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	Fig.57
DFT-s-OFDM PI/2 BPSK	2541	508200	90	243	0	Fig.58
CP-OFDM QPSK	2541	508200	90	1	0	Fig.59
CP-OFDM QPSK	2541	508200	90	245	0	Fig.60
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	244	Fig.61
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	243	0	Fig.62
CP-OFDM QPSK	2644.98	528996	90	1	244	Fig.63
CP-OFDM QPSK	2644.98	528996	90	245	0	Fig.64
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	Fig.65
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	270	0	Fig.66
CP-OFDM QPSK	2546.01	509202	100	1	0	Fig.67
CP-OFDM QPSK	2546.01	509202	100	273	0	Fig.68
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	272	Fig.69
DFT-s-OFDM PI/2 BPSK	2640	528000	100	270	0	Fig.70
CP-OFDM QPSK	2640	528000	100	1	272	Fig.71
CP-OFDM QPSK	2640	528000	100	273	0	Fig.72

Test Plot:

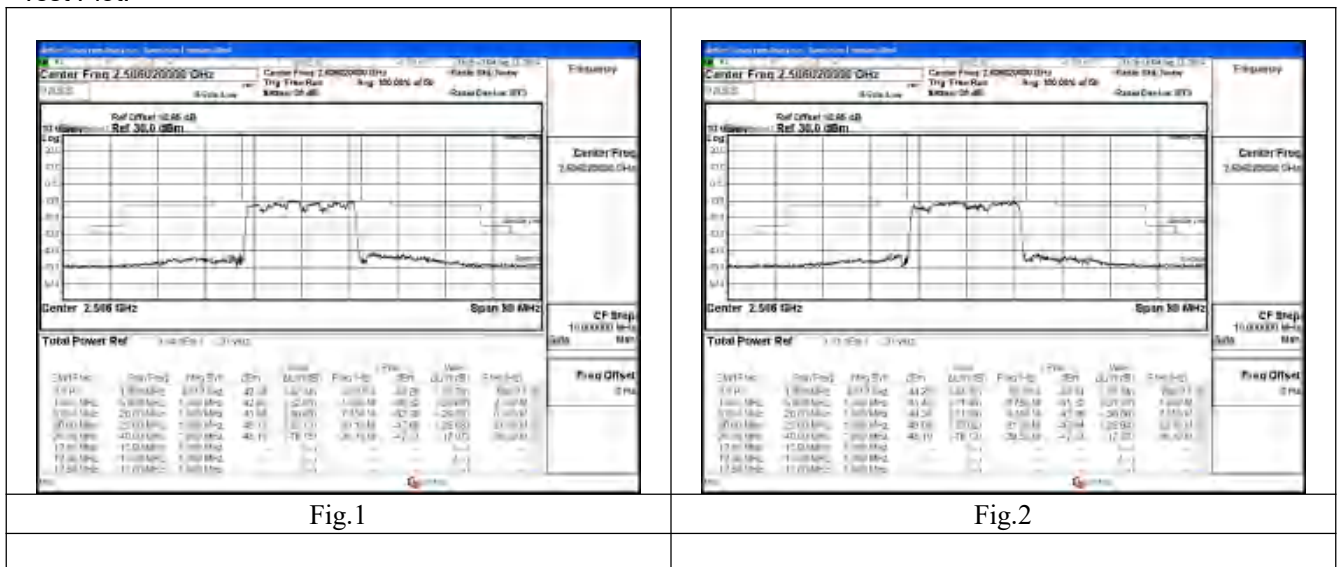




Fig.3



Fig.4

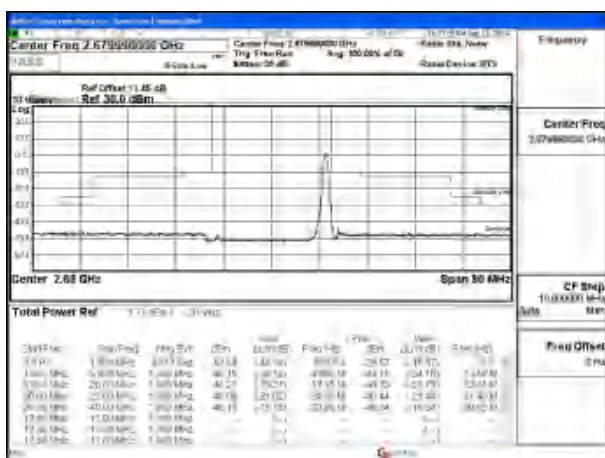


Fig.5



Fig.6



Fig.7

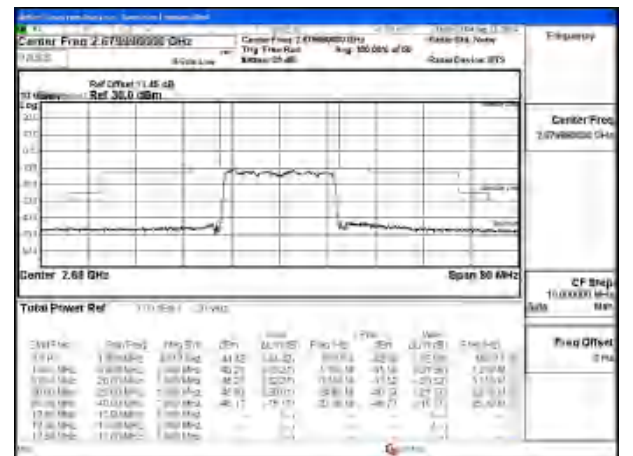


Fig.8



Fig.9



Fig.10



Fig.11

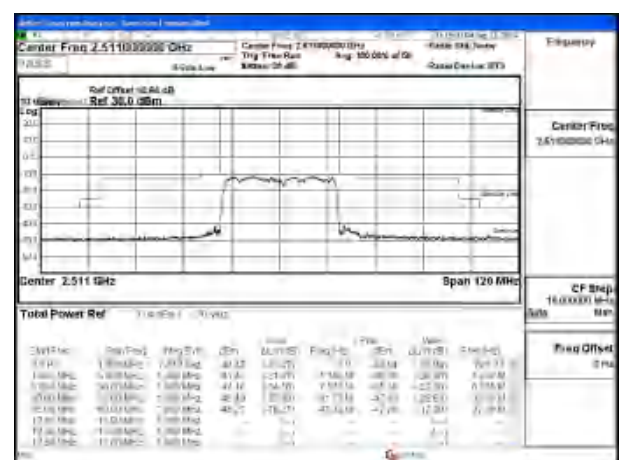


Fig.12



Fig.13

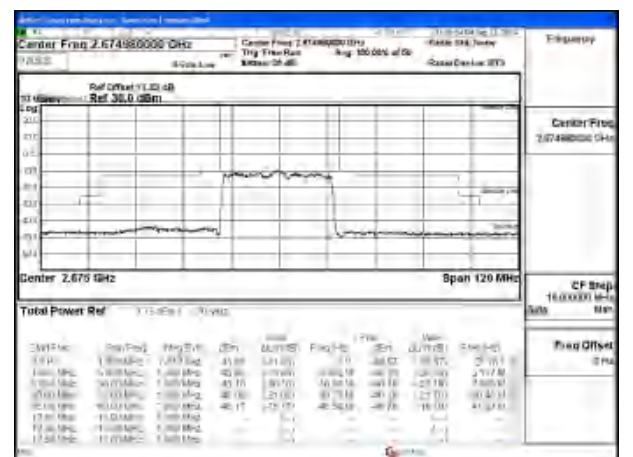


Fig.14



Fig.15

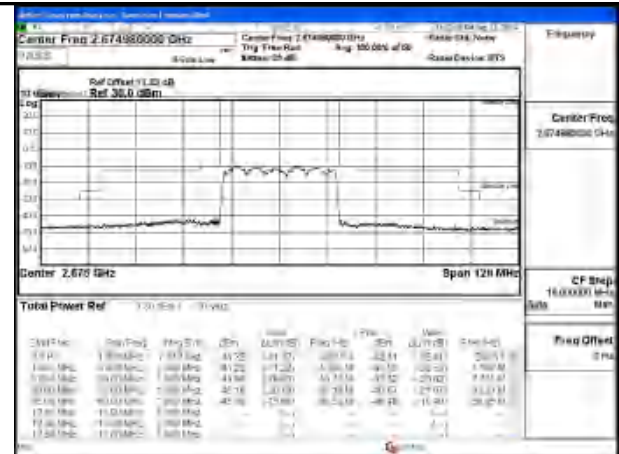


Fig.16

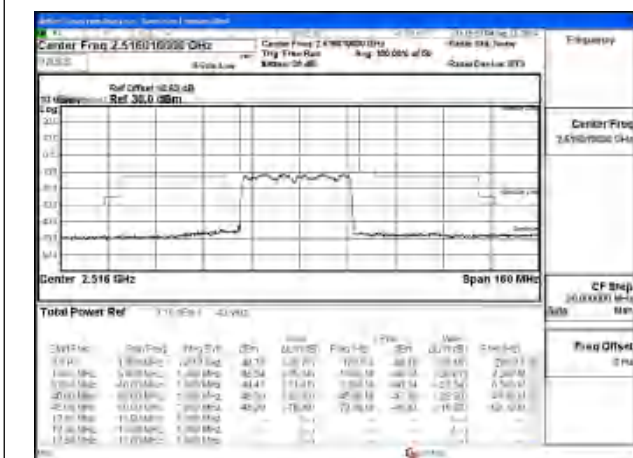


Fig.17

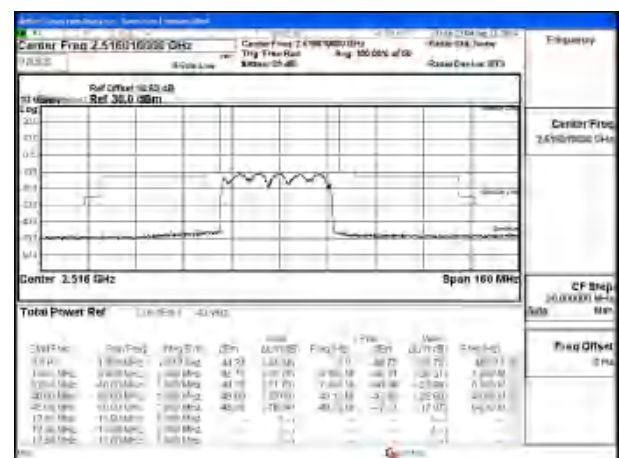


Fig.18

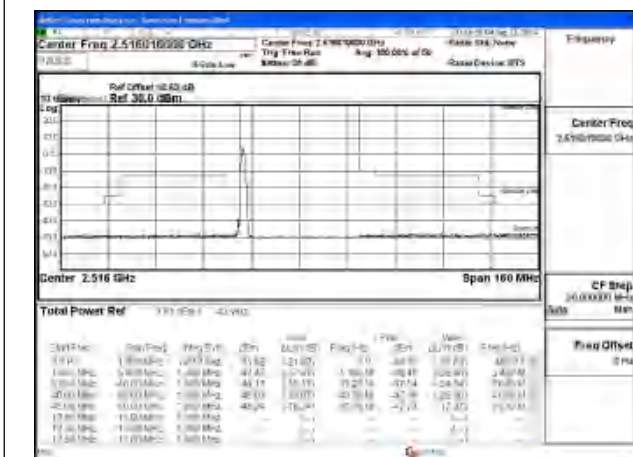


Fig.19

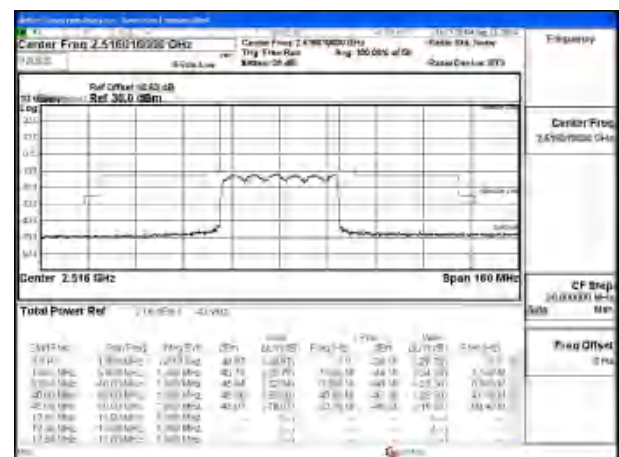


Fig.20



Fig.21



Fig.22

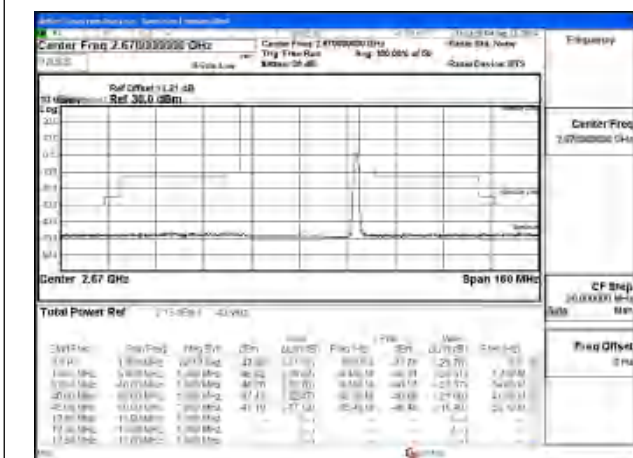


Fig.23

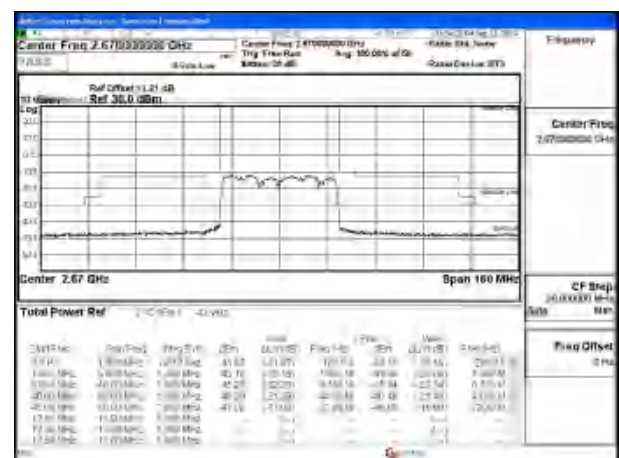


Fig.24



Fig.25

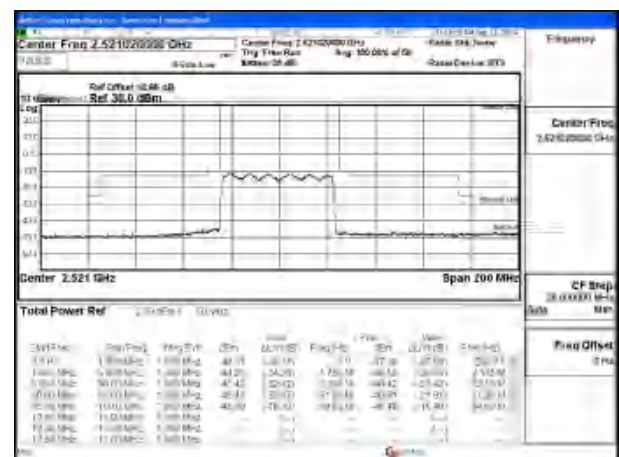


Fig.26



Fig.27



Fig.28



Fig.29



Fig.30

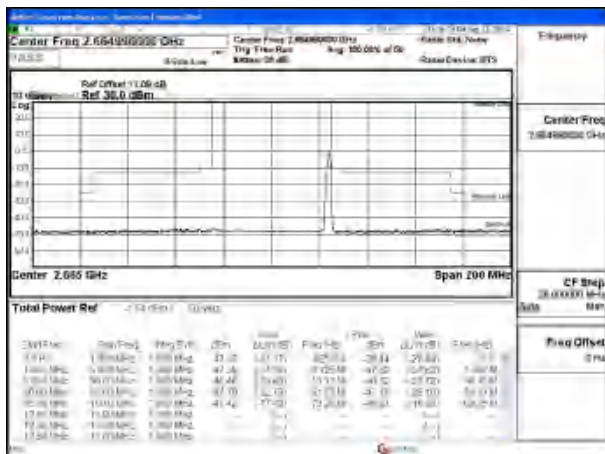


Fig.31



Fig.32



Fig.33



Fig.34

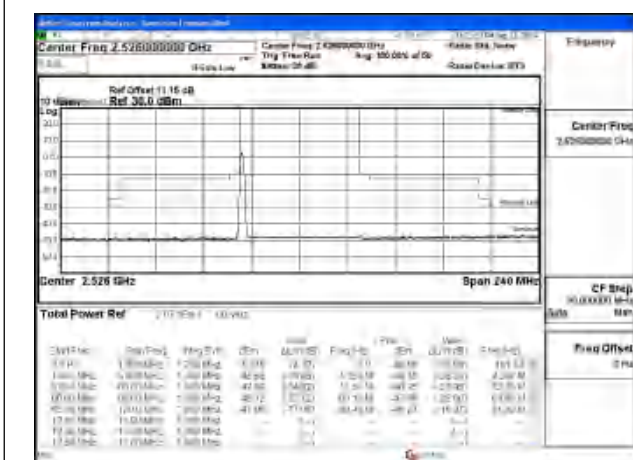


Fig.35



Fig.36



Fig.37



Fig.38

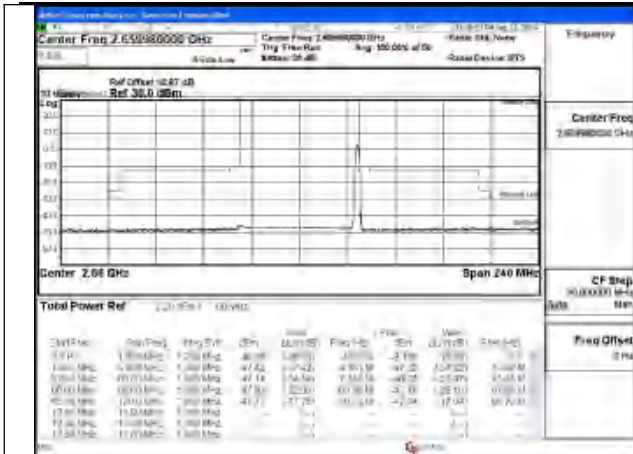


Fig.39



Fig.40



Fig.41



Fig.42

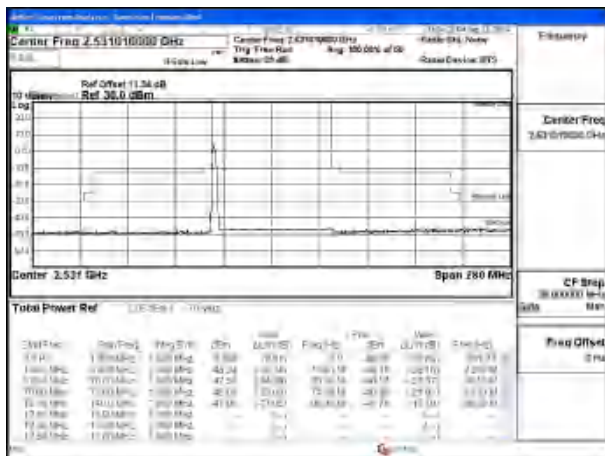


Fig.43



Fig.44



Fig.45



Fig.46

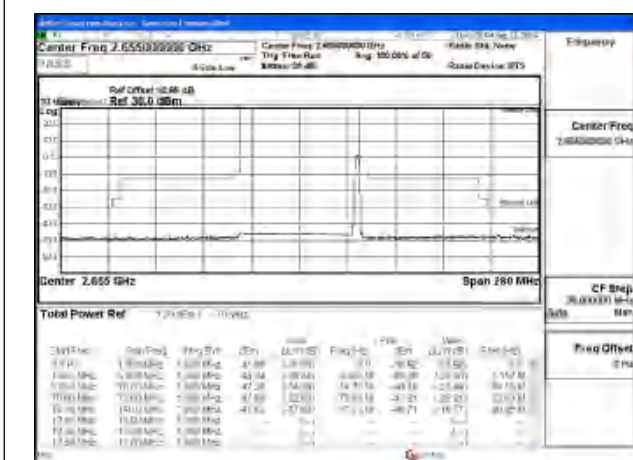


Fig.47



Fig.48

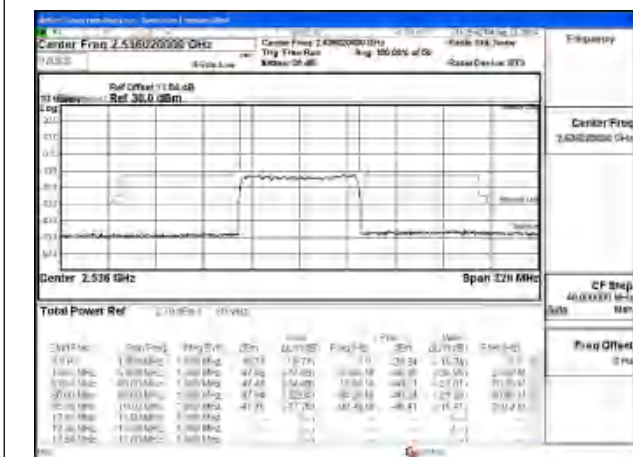


Fig.49

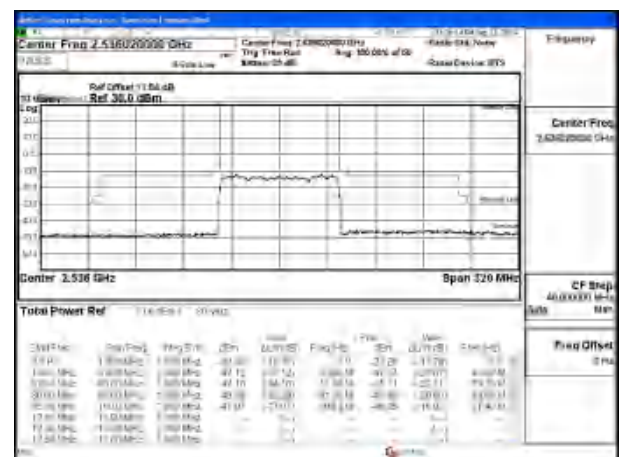


Fig.50



Fig.51



Fig.52



Fig.53



Fig.54

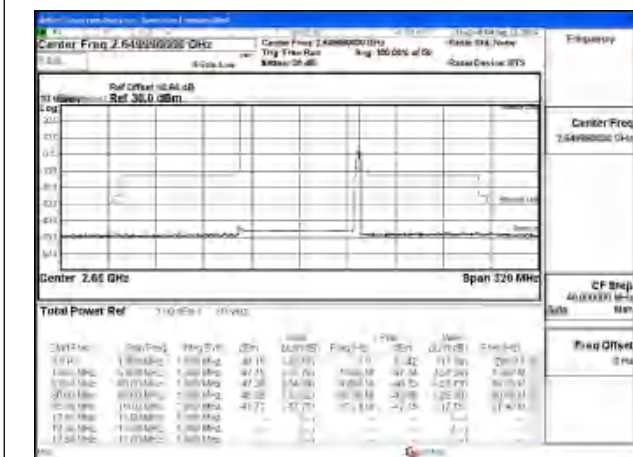


Fig.55



Fig.56



Fig.57



Fig.58

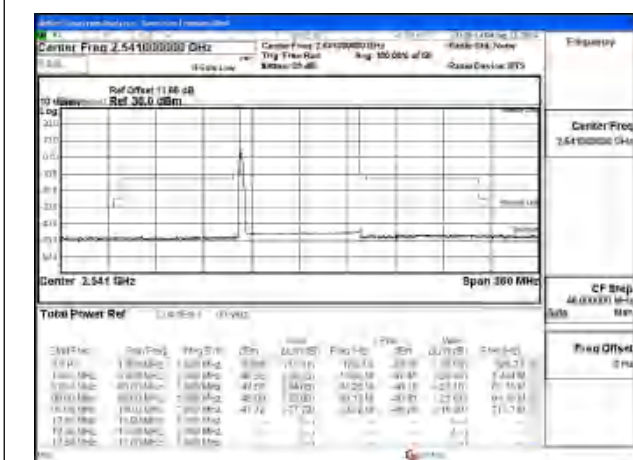


Fig.59



Fig.60

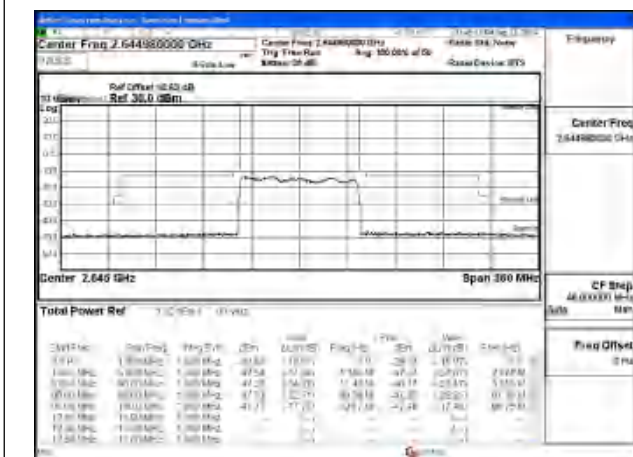


Fig.61

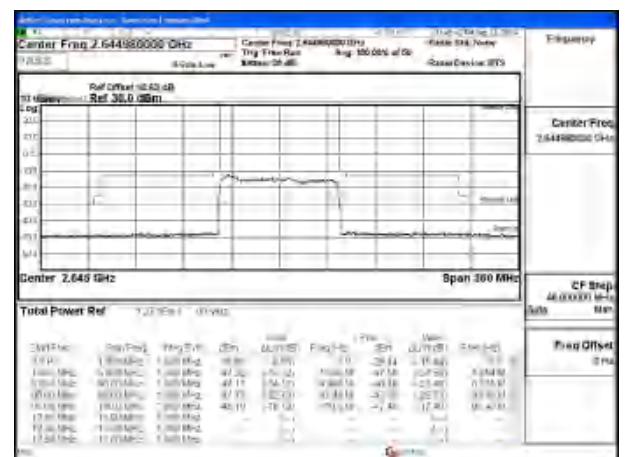


Fig.62



Fig.63



Fig.64



Fig.65



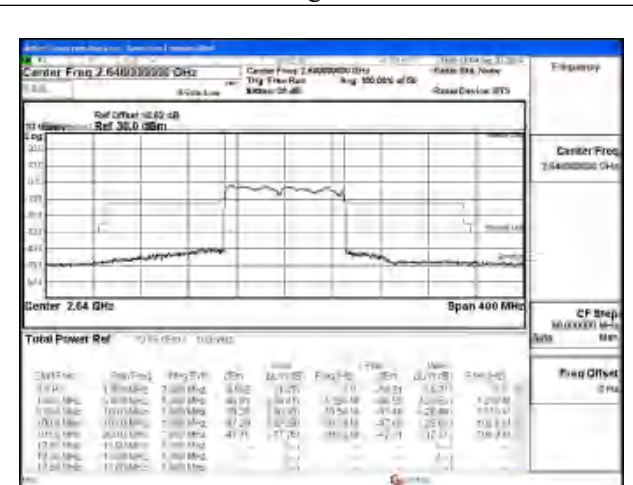
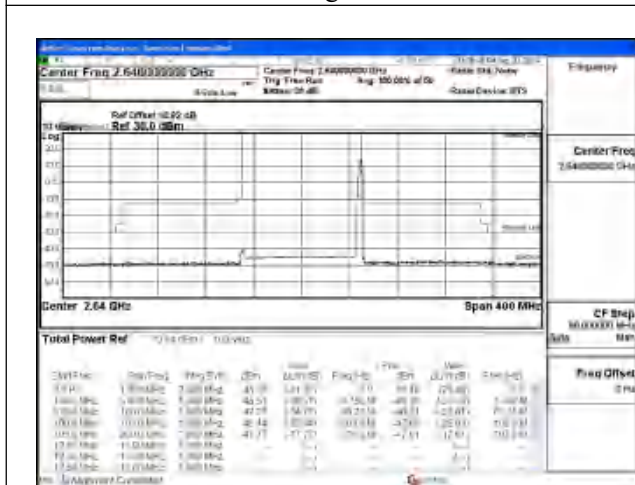
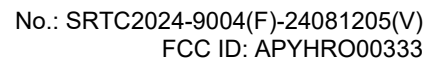
Fig.66



Fig.67



Fig.68





7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	-10	NV	-0.0028
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	0	NV	-0.0016
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	10	NV	-0.0072
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	20	NV	-0.0016
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	30	NV	-0.0036
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	40	NV	-0.002
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	55	NV	-0.0016
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	20	LV	-0.004
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	20	HV	-0.0028
CP-OFDM QPSK	2506.02	501204	20	1	0	-10	NV	-0.004
CP-OFDM QPSK	2506.02	501204	20	1	0	0	NV	0.0008
CP-OFDM QPSK	2506.02	501204	20	1	0	10	NV	-0.0008
CP-OFDM QPSK	2506.02	501204	20	1	0	20	NV	-0.0004
CP-OFDM QPSK	2506.02	501204	20	1	0	30	NV	-0.0008
CP-OFDM QPSK	2506.02	501204	20	1	0	40	NV	-0.0012
CP-OFDM QPSK	2506.02	501204	20	1	0	55	NV	-0.0024
CP-OFDM QPSK	2506.02	501204	20	1	0	20	LV	-0.0008
CP-OFDM QPSK	2506.02	501204	20	1	0	20	HV	-0.002
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	-10	NV	-0.0031
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	0	NV	-0.0019
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	10	NV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	20	NV	-0.0039
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	30	NV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	40	NV	-0.0058
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	55	NV	-0.0027
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	20	LV	-0.0054
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	20	HV	-0.005
CP-OFDM QPSK	2592.99	518598	20	1	0	-10	NV	-0.0019
CP-OFDM QPSK	2592.99	518598	20	1	0	0	NV	-0.0015
CP-OFDM QPSK	2592.99	518598	20	1	0	10	NV	-0.0039
CP-OFDM QPSK	2592.99	518598	20	1	0	20	NV	-0.0039
CP-OFDM QPSK	2592.99	518598	20	1	0	30	NV	0



CP-OFDM QPSK	2592.99	518598	20	1	0	40	NV	-0.0023
CP-OFDM QPSK	2592.99	518598	20	1	0	55	NV	-0.0042
CP-OFDM QPSK	2592.99	518598	20	1	0	20	LV	-0.0019
CP-OFDM QPSK	2592.99	518598	20	1	0	20	HV	-0.0042
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	-10	NV	-0.0004
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	0	NV	0
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	10	NV	0
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	20	NV	0
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	30	NV	-0.0019
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	40	NV	-0.0022
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	55	NV	-0.0022
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	20	LV	-0.0019
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	20	HV	-0.0019
CP-OFDM QPSK	2679.99	535998	20	1	0	-10	NV	-0.0007
CP-OFDM QPSK	2679.99	535998	20	1	0	0	NV	-0.0045
CP-OFDM QPSK	2679.99	535998	20	1	0	10	NV	-0.0041
CP-OFDM QPSK	2679.99	535998	20	1	0	20	NV	-0.0019
CP-OFDM QPSK	2679.99	535998	20	1	0	30	NV	-0.0037
CP-OFDM QPSK	2679.99	535998	20	1	0	40	NV	-0.0026
CP-OFDM QPSK	2679.99	535998	20	1	0	55	NV	-0.0004
CP-OFDM QPSK	2679.99	535998	20	1	0	20	LV	-0.0041
CP-OFDM QPSK	2679.99	535998	20	1	0	20	HV	-0.003
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	-10	NV	-0.0028
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	0	NV	-0.0024
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	10	NV	-0.006
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	20	NV	-0.0036
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	30	NV	-0.0016
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	40	NV	-0.002
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	55	NV	-0.0028
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	20	LV	-0.004
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	20	HV	-0.0032
CP-OFDM QPSK	2511	502200	30	1	0	-10	NV	-0.0044
CP-OFDM QPSK	2511	502200	30	1	0	0	NV	-0.0028
CP-OFDM QPSK	2511	502200	30	1	0	10	NV	-0.0028
CP-OFDM QPSK	2511	502200	30	1	0	20	NV	-0.0028



CP-OFDM QPSK	2511	502200	30	1	0	30	NV	-0.0024
CP-OFDM QPSK	2511	502200	30	1	0	40	NV	-0.0024
CP-OFDM QPSK	2511	502200	30	1	0	55	NV	-0.0032
CP-OFDM QPSK	2511	502200	30	1	0	20	LV	-0.0012
CP-OFDM QPSK	2511	502200	30	1	0	20	HV	-0.0024
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	-10	NV	-0.0054
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	0	NV	-0.0035
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	10	NV	-0.0015
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	20	NV	-0.0039
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	30	NV	-0.0031
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	40	NV	-0.0039
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	55	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	20	LV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	20	HV	-0.0046
CP-OFDM QPSK	2592.99	518598	30	1	0	-10	NV	-0.0019
CP-OFDM QPSK	2592.99	518598	30	1	0	0	NV	-0.0046
CP-OFDM QPSK	2592.99	518598	30	1	0	10	NV	-0.0035
CP-OFDM QPSK	2592.99	518598	30	1	0	20	NV	-0.0035
CP-OFDM QPSK	2592.99	518598	30	1	0	30	NV	-0.0039
CP-OFDM QPSK	2592.99	518598	30	1	0	40	NV	-0.0046
CP-OFDM QPSK	2592.99	518598	30	1	0	55	NV	-0.0042
CP-OFDM QPSK	2592.99	518598	30	1	0	20	LV	-0.0046
CP-OFDM QPSK	2592.99	518598	30	1	0	20	HV	-0.0039
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	-10	NV	-0.0127
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	0	NV	-0.0108
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	10	NV	-0.012
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	20	NV	-0.0135
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	30	NV	-0.012
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	40	NV	-0.0135
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	55	NV	-0.0116
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	20	LV	-0.0116
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	20	HV	-0.0123
CP-OFDM QPSK	2674.98	534996	30	1	0	-10	NV	-0.0037
CP-OFDM QPSK	2674.98	534996	30	1	0	0	NV	-0.0037
CP-OFDM QPSK	2674.98	534996	30	1	0	10	NV	-0.0026



CP-OFDM QPSK	2674.98	534996	30	1	0	20	NV	-0.0045
CP-OFDM QPSK	2674.98	534996	30	1	0	30	NV	-0.0037
CP-OFDM QPSK	2674.98	534996	30	1	0	40	NV	-0.0004
CP-OFDM QPSK	2674.98	534996	30	1	0	55	NV	-0.0011
CP-OFDM QPSK	2674.98	534996	30	1	0	20	LV	-0.0034
CP-OFDM QPSK	2674.98	534996	30	1	0	20	HV	-0.0049
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	-10	NV	-0.0036
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	0	NV	-0.0064
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	10	NV	-0.004
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	20	NV	-0.0032
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	30	NV	-0.0068
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	40	NV	-0.004
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	55	NV	-0.0052
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	20	LV	-0.0048
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	20	HV	-0.0072
CP-OFDM QPSK	2516.01	503202	40	1	0	-10	NV	-0.0044
CP-OFDM QPSK	2516.01	503202	40	1	0	0	NV	-0.0016
CP-OFDM QPSK	2516.01	503202	40	1	0	10	NV	-0.0008
CP-OFDM QPSK	2516.01	503202	40	1	0	20	NV	-0.0032
CP-OFDM QPSK	2516.01	503202	40	1	0	30	NV	-0.0024
CP-OFDM QPSK	2516.01	503202	40	1	0	40	NV	-0.0024
CP-OFDM QPSK	2516.01	503202	40	1	0	55	NV	-0.0024
CP-OFDM QPSK	2516.01	503202	40	1	0	20	LV	-0.0024
CP-OFDM QPSK	2516.01	503202	40	1	0	20	HV	-0.0052
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	-10	NV	-0.0031
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	0	NV	-0.0054
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	10	NV	-0.0054
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	20	NV	-0.0062
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	30	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	40	NV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	55	NV	-0.0035
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	20	LV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	20	HV	-0.005
CP-OFDM QPSK	2592.99	518598	40	1	0	-10	NV	-0.0019
CP-OFDM QPSK	2592.99	518598	40	1	0	0	NV	-0.0039



CP-OFDM QPSK	2592.99	518598	40	1	0	10	NV	-0.0035
CP-OFDM QPSK	2592.99	518598	40	1	0	20	NV	-0.0058
CP-OFDM QPSK	2592.99	518598	40	1	0	30	NV	-0.0019
CP-OFDM QPSK	2592.99	518598	40	1	0	40	NV	-0.0031
CP-OFDM QPSK	2592.99	518598	40	1	0	55	NV	-0.0066
CP-OFDM QPSK	2592.99	518598	40	1	0	20	LV	-0.0042
CP-OFDM QPSK	2592.99	518598	40	1	0	20	HV	-0.0039
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	-10	NV	-0.0019
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	0	NV	-0.0034
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	10	NV	-0.0019
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	20	NV	-0.0037
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	30	NV	-0.0004
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	40	NV	-0.0007
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	55	NV	-0.0015
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	20	LV	-0.0022
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	20	HV	-0.0026
CP-OFDM QPSK	2670	534000	40	1	0	-10	NV	-0.0026
CP-OFDM QPSK	2670	534000	40	1	0	0	NV	0
CP-OFDM QPSK	2670	534000	40	1	0	10	NV	-0.0015
CP-OFDM QPSK	2670	534000	40	1	0	20	NV	-0.0015
CP-OFDM QPSK	2670	534000	40	1	0	30	NV	-0.0019
CP-OFDM QPSK	2670	534000	40	1	0	40	NV	-0.0019
CP-OFDM QPSK	2670	534000	40	1	0	55	NV	0
CP-OFDM QPSK	2670	534000	40	1	0	20	LV	-0.0034
CP-OFDM QPSK	2670	534000	40	1	0	20	HV	-0.0041
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	-10	NV	-0.0048
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	0	NV	-0.0056
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	10	NV	-0.004
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	20	NV	-0.0024
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	30	NV	-0.0028
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	40	NV	-0.0044
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	55	NV	-0.0016
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	20	LV	-0.0056
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	20	HV	-0.002
CP-OFDM QPSK	2521.02	504204	50	1	0	-10	NV	-0.002



CP-OFDM QPSK	2521.02	504204	50	1	0	0	NV	-0.0028
CP-OFDM QPSK	2521.02	504204	50	1	0	10	NV	-0.002
CP-OFDM QPSK	2521.02	504204	50	1	0	20	NV	-0.004
CP-OFDM QPSK	2521.02	504204	50	1	0	30	NV	-0.0028
CP-OFDM QPSK	2521.02	504204	50	1	0	40	NV	-0.002
CP-OFDM QPSK	2521.02	504204	50	1	0	55	NV	-0.0028
CP-OFDM QPSK	2521.02	504204	50	1	0	20	LV	-0.0012
CP-OFDM QPSK	2521.02	504204	50	1	0	20	HV	-0.0016
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	-10	NV	-0.005
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	0	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	10	NV	-0.0039
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	20	NV	-0.0019
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	30	NV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	40	NV	-0.0035
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	55	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	20	LV	-0.0023
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	20	HV	-0.0042
CP-OFDM QPSK	2592.99	518598	50	1	0	-10	NV	-0.0031
CP-OFDM QPSK	2592.99	518598	50	1	0	0	NV	-0.0046
CP-OFDM QPSK	2592.99	518598	50	1	0	10	NV	-0.005
CP-OFDM QPSK	2592.99	518598	50	1	0	20	NV	-0.0039
CP-OFDM QPSK	2592.99	518598	50	1	0	30	NV	-0.0027
CP-OFDM QPSK	2592.99	518598	50	1	0	40	NV	-0.0046
CP-OFDM QPSK	2592.99	518598	50	1	0	55	NV	-0.005
CP-OFDM QPSK	2592.99	518598	50	1	0	20	LV	-0.0042
CP-OFDM QPSK	2592.99	518598	50	1	0	20	HV	-0.0046
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	-10	NV	-0.0053
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	0	NV	-0.0026
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	10	NV	-0.0008
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	20	NV	-0.0026
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	30	NV	-0.0038
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	40	NV	-0.0019
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	55	NV	-0.0011
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	20	LV	0.0019
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	20	HV	-0.0015



CP-OFDM QPSK	2664.99	532998	50	1	0	-10	NV	-0.0041
CP-OFDM QPSK	2664.99	532998	50	1	0	0	NV	-0.0038
CP-OFDM QPSK	2664.99	532998	50	1	0	10	NV	-0.0049
CP-OFDM QPSK	2664.99	532998	50	1	0	20	NV	-0.0019
CP-OFDM QPSK	2664.99	532998	50	1	0	30	NV	-0.003
CP-OFDM QPSK	2664.99	532998	50	1	0	40	NV	-0.0038
CP-OFDM QPSK	2664.99	532998	50	1	0	55	NV	-0.0015
CP-OFDM QPSK	2664.99	532998	50	1	0	20	LV	-0.0019
CP-OFDM QPSK	2664.99	532998	50	1	0	20	HV	-0.0045
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	-10	NV	-0.0024
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	0	NV	-0.002
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	10	NV	-0.0044
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	20	NV	-0.0036
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	30	NV	-0.002
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	40	NV	-0.0032
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	55	NV	-0.0024
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	20	LV	-0.002
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	20	HV	-0.004
CP-OFDM QPSK	2526	505200	60	1	0	-10	NV	-0.0028
CP-OFDM QPSK	2526	505200	60	1	0	0	NV	-0.0048
CP-OFDM QPSK	2526	505200	60	1	0	10	NV	-0.0036
CP-OFDM QPSK	2526	505200	60	1	0	20	NV	-0.0024
CP-OFDM QPSK	2526	505200	60	1	0	30	NV	-0.0036
CP-OFDM QPSK	2526	505200	60	1	0	40	NV	-0.0032
CP-OFDM QPSK	2526	505200	60	1	0	55	NV	-0.0024
CP-OFDM QPSK	2526	505200	60	1	0	20	LV	-0.0008
CP-OFDM QPSK	2526	505200	60	1	0	20	HV	-0.0024
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	-10	NV	-0.005
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	0	NV	0
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	10	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	20	NV	-0.0031
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	30	NV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	40	NV	-0.0054
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	55	NV	-0.0062
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	20	LV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	20	HV	-0.0035



BPSK								
CP-OFDM QPSK	2592.99	518598	60	1	0	-10	NV	-0.0062
CP-OFDM QPSK	2592.99	518598	60	1	0	0	NV	-0.0031
CP-OFDM QPSK	2592.99	518598	60	1	0	10	NV	-0.0042
CP-OFDM QPSK	2592.99	518598	60	1	0	20	NV	-0.0062
CP-OFDM QPSK	2592.99	518598	60	1	0	30	NV	-0.0019
CP-OFDM QPSK	2592.99	518598	60	1	0	40	NV	-0.0039
CP-OFDM QPSK	2592.99	518598	60	1	0	55	NV	-0.0035
CP-OFDM QPSK	2592.99	518598	60	1	0	20	LV	-0.0027
CP-OFDM QPSK	2592.99	518598	60	1	0	20	HV	-0.0042
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	-10	NV	-0.006
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	0	NV	-0.0064
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	10	NV	-0.0041
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	20	NV	-0.0053
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	30	NV	-0.0075
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	40	NV	-0.0064
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	55	NV	-0.0083
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	20	LV	-0.0079
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	20	HV	-0.0049
CP-OFDM QPSK	2659.98	531996	60	1	0	-10	NV	-0.0034
CP-OFDM QPSK	2659.98	531996	60	1	0	0	NV	-0.0038
CP-OFDM QPSK	2659.98	531996	60	1	0	10	NV	-0.0026
CP-OFDM QPSK	2659.98	531996	60	1	0	20	NV	-0.0049
CP-OFDM QPSK	2659.98	531996	60	1	0	30	NV	-0.0056
CP-OFDM QPSK	2659.98	531996	60	1	0	40	NV	-0.0049
CP-OFDM QPSK	2659.98	531996	60	1	0	55	NV	-0.0026
CP-OFDM QPSK	2659.98	531996	60	1	0	20	LV	-0.0045
CP-OFDM QPSK	2659.98	531996	60	1	0	20	HV	-0.0049
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	-10	NV	-0.0079
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	0	NV	-0.0079
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	10	NV	-0.0075
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	20	NV	-0.0095
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	30	NV	-0.0083
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	40	NV	-0.0138
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	55	NV	-0.0079
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	20	LV	-0.0083



DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	20	HV	-0.0079
CP-OFDM QPSK	2531.01	506202	70	1	0	-10	NV	-0.0032
CP-OFDM QPSK	2531.01	506202	70	1	0	0	NV	-0.0043
CP-OFDM QPSK	2531.01	506202	70	1	0	10	NV	-0.0047
CP-OFDM QPSK	2531.01	506202	70	1	0	20	NV	-0.0047
CP-OFDM QPSK	2531.01	506202	70	1	0	30	NV	-0.004
CP-OFDM QPSK	2531.01	506202	70	1	0	40	NV	-0.0043
CP-OFDM QPSK	2531.01	506202	70	1	0	55	NV	-0.0036
CP-OFDM QPSK	2531.01	506202	70	1	0	20	LV	-0.0051
CP-OFDM QPSK	2531.01	506202	70	1	0	20	HV	-0.0028
DFT-s-OFDM PI/2 BPSK	2592.99	518598	70	1	0	-10	NV	-0.005
DFT-s-OFDM PI/2 BPSK	2592.99	518598	70	1	0	0	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	70	1	0	10	NV	-0.0023
DFT-s-OFDM PI/2 BPSK	2592.99	518598	70	1	0	20	NV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	70	1	0	30	NV	-0.0031
DFT-s-OFDM PI/2 BPSK	2592.99	518598	70	1	0	40	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	70	1	0	55	NV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	70	1	0	20	LV	-0.0066
DFT-s-OFDM PI/2 BPSK	2592.99	518598	70	1	0	20	HV	-0.0058
CP-OFDM QPSK	2592.99	518598	70	1	0	-10	NV	-0.0031
CP-OFDM QPSK	2592.99	518598	70	1	0	0	NV	-0.0062
CP-OFDM QPSK	2592.99	518598	70	1	0	10	NV	-0.0046
CP-OFDM QPSK	2592.99	518598	70	1	0	20	NV	-0.0046
CP-OFDM QPSK	2592.99	518598	70	1	0	30	NV	-0.0039
CP-OFDM QPSK	2592.99	518598	70	1	0	40	NV	-0.0031
CP-OFDM QPSK	2592.99	518598	70	1	0	55	NV	-0.0062
CP-OFDM QPSK	2592.99	518598	70	1	0	20	LV	-0.0066
CP-OFDM QPSK	2592.99	518598	70	1	0	20	HV	-0.0054
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	0	-10	NV	-0.0034
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	0	0	NV	-0.006
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	0	10	NV	-0.003
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	0	20	NV	-0.0034
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	0	30	NV	-0.003
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	0	40	NV	-0.0053
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	0	55	NV	-0.0038
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	0	20	LV	-0.0045



BPSK								
DFT-s-OFDM PI/2 BPSK	2655	531000	70	1	0	20	HV	-0.0075
CP-OFDM QPSK	2655	531000	70	1	0	-10	NV	-0.0034
CP-OFDM QPSK	2655	531000	70	1	0	0	NV	-0.0038
CP-OFDM QPSK	2655	531000	70	1	0	10	NV	-0.0015
CP-OFDM QPSK	2655	531000	70	1	0	20	NV	-0.0053
CP-OFDM QPSK	2655	531000	70	1	0	30	NV	-0.0041
CP-OFDM QPSK	2655	531000	70	1	0	40	NV	-0.0049
CP-OFDM QPSK	2655	531000	70	1	0	55	NV	-0.0053
CP-OFDM QPSK	2655	531000	70	1	0	20	LV	-0.0056
CP-OFDM QPSK	2655	531000	70	1	0	20	HV	-0.0041
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	-10	NV	-0.0035
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	0	NV	-0.0008
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	10	NV	-0.0012
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	20	NV	-0.0032
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	30	NV	-0.0028
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	40	NV	-0.0012
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	55	NV	-0.0043
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	20	LV	-0.0028
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	20	HV	-0.0012
CP-OFDM QPSK	2536.02	507204	80	1	0	-10	NV	-0.0032
CP-OFDM QPSK	2536.02	507204	80	1	0	0	NV	-0.0012
CP-OFDM QPSK	2536.02	507204	80	1	0	10	NV	-0.0012
CP-OFDM QPSK	2536.02	507204	80	1	0	20	NV	-0.0008
CP-OFDM QPSK	2536.02	507204	80	1	0	30	NV	-0.002
CP-OFDM QPSK	2536.02	507204	80	1	0	40	NV	-0.0024
CP-OFDM QPSK	2536.02	507204	80	1	0	55	NV	-0.0035
CP-OFDM QPSK	2536.02	507204	80	1	0	20	LV	-0.0028
CP-OFDM QPSK	2536.02	507204	80	1	0	20	HV	-0.0028
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	-10	NV	-0.005
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	0	NV	-0.0054
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	10	NV	-0.0031
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	20	NV	-0.0027
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	30	NV	-0.0054
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	40	NV	-0.0062
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	55	NV	-0.0046



DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	20	LV	-0.005
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	20	HV	-0.0085
CP-OFDM QPSK	2592.99	518598	80	1	0	-10	NV	-0.0027
CP-OFDM QPSK	2592.99	518598	80	1	0	0	NV	-0.0054
CP-OFDM QPSK	2592.99	518598	80	1	0	10	NV	-0.0031
CP-OFDM QPSK	2592.99	518598	80	1	0	20	NV	-0.0027
CP-OFDM QPSK	2592.99	518598	80	1	0	30	NV	-0.0054
CP-OFDM QPSK	2592.99	518598	80	1	0	40	NV	-0.0031
CP-OFDM QPSK	2592.99	518598	80	1	0	55	NV	-0.0035
CP-OFDM QPSK	2592.99	518598	80	1	0	20	LV	-0.0027
CP-OFDM QPSK	2592.99	518598	80	1	0	20	HV	-0.0066
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	-10	NV	-0.0038
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	0	NV	-0.0011
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	10	NV	-0.0019
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	20	NV	-0.0038
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	30	NV	-0.0026
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	40	NV	-0.0034
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	55	NV	-0.0034
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	20	LV	-0.0042
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	20	HV	-0.0019
CP-OFDM QPSK	2649.99	529998	80	1	0	-10	NV	-0.0053
CP-OFDM QPSK	2649.99	529998	80	1	0	0	NV	-0.0068
CP-OFDM QPSK	2649.99	529998	80	1	0	10	NV	-0.0057
CP-OFDM QPSK	2649.99	529998	80	1	0	20	NV	-0.0064
CP-OFDM QPSK	2649.99	529998	80	1	0	30	NV	-0.0057
CP-OFDM QPSK	2649.99	529998	80	1	0	40	NV	-0.0023
CP-OFDM QPSK	2649.99	529998	80	1	0	55	NV	-0.0023
CP-OFDM QPSK	2649.99	529998	80	1	0	20	LV	-0.0057
CP-OFDM QPSK	2649.99	529998	80	1	0	20	HV	-0.0064
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	-10	NV	-0.002
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	0	NV	0.0004
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	10	NV	0.0008
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	20	NV	-0.002
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	30	NV	0.0004
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	40	NV	0.0004
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	55	NV	-0.0028



BPSK								
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	20	LV	0
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	20	HV	-0.0008
CP-OFDM QPSK	2541	508200	90	1	0	-10	NV	-0.0031
CP-OFDM QPSK	2541	508200	90	1	0	0	NV	-0.0016
CP-OFDM QPSK	2541	508200	90	1	0	10	NV	-0.0028
CP-OFDM QPSK	2541	508200	90	1	0	20	NV	-0.0028
CP-OFDM QPSK	2541	508200	90	1	0	30	NV	-0.0035
CP-OFDM QPSK	2541	508200	90	1	0	40	NV	-0.0016
CP-OFDM QPSK	2541	508200	90	1	0	55	NV	-0.0004
CP-OFDM QPSK	2541	508200	90	1	0	20	LV	-0.0039
CP-OFDM QPSK	2541	508200	90	1	0	20	HV	-0.0043
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	-10	NV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	0	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	10	NV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	20	NV	-0.005
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	30	NV	-0.0062
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	40	NV	-0.0054
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	55	NV	-0.0039
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	20	LV	-0.0069
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	20	HV	-0.005
CP-OFDM QPSK	2592.99	518598	90	1	0	-10	NV	-0.0066
CP-OFDM QPSK	2592.99	518598	90	1	0	0	NV	-0.0062
CP-OFDM QPSK	2592.99	518598	90	1	0	10	NV	-0.0066
CP-OFDM QPSK	2592.99	518598	90	1	0	20	NV	-0.0058
CP-OFDM QPSK	2592.99	518598	90	1	0	30	NV	-0.005
CP-OFDM QPSK	2592.99	518598	90	1	0	40	NV	-0.0035
CP-OFDM QPSK	2592.99	518598	90	1	0	55	NV	-0.005
CP-OFDM QPSK	2592.99	518598	90	1	0	20	LV	-0.0042
CP-OFDM QPSK	2592.99	518598	90	1	0	20	HV	-0.0058
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	-10	NV	-0.0068
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	0	NV	-0.0026
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	10	NV	-0.0053
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	20	NV	-0.0026
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	30	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	40	NV	-0.0045



DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	55	NV	-0.0049
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	20	LV	-0.0038
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	20	HV	-0.0072
CP-OFDM QPSK	2644.98	528996	90	1	0	-10	NV	-0.006
CP-OFDM QPSK	2644.98	528996	90	1	0	0	NV	-0.0053
CP-OFDM QPSK	2644.98	528996	90	1	0	10	NV	-0.0064
CP-OFDM QPSK	2644.98	528996	90	1	0	20	NV	-0.0057
CP-OFDM QPSK	2644.98	528996	90	1	0	30	NV	-0.0045
CP-OFDM QPSK	2644.98	528996	90	1	0	40	NV	-0.0053
CP-OFDM QPSK	2644.98	528996	90	1	0	55	NV	-0.0049
CP-OFDM QPSK	2644.98	528996	90	1	0	20	LV	-0.0087
CP-OFDM QPSK	2644.98	528996	90	1	0	20	HV	-0.0053
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	-10	NV	-0.0067
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	0	NV	-0.0075
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	10	NV	-0.0067
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	20	NV	-0.0094
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	30	NV	-0.0086
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	40	NV	-0.0075
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	55	NV	-0.0067
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	20	LV	-0.0063
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	20	HV	-0.0067
CP-OFDM QPSK	2546.01	509202	100	1	0	-10	NV	-0.0051
CP-OFDM QPSK	2546.01	509202	100	1	0	0	NV	-0.0039
CP-OFDM QPSK	2546.01	509202	100	1	0	10	NV	-0.0035
CP-OFDM QPSK	2546.01	509202	100	1	0	20	NV	-0.0047
CP-OFDM QPSK	2546.01	509202	100	1	0	30	NV	-0.0035
CP-OFDM QPSK	2546.01	509202	100	1	0	40	NV	-0.0008
CP-OFDM QPSK	2546.01	509202	100	1	0	55	NV	-0.0027
CP-OFDM QPSK	2546.01	509202	100	1	0	20	LV	-0.0031
CP-OFDM QPSK	2546.01	509202	100	1	0	20	HV	-0.0071
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	-10	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	0	NV	-0.0081
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	10	NV	-0.0054
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	20	NV	-0.0066
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	30	NV	-0.005
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	40	NV	-0.0039



BPSK								
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	55	NV	-0.0085
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	20	LV	-0.0046
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	20	HV	-0.0058
CP-OFDM QPSK	2592.99	518598	100	1	0	-10	NV	-0.0019
CP-OFDM QPSK	2592.99	518598	100	1	0	0	NV	-0.0073
CP-OFDM QPSK	2592.99	518598	100	1	0	10	NV	-0.0069
CP-OFDM QPSK	2592.99	518598	100	1	0	20	NV	-0.0042
CP-OFDM QPSK	2592.99	518598	100	1	0	30	NV	-0.005
CP-OFDM QPSK	2592.99	518598	100	1	0	40	NV	-0.0062
CP-OFDM QPSK	2592.99	518598	100	1	0	55	NV	-0.005
CP-OFDM QPSK	2592.99	518598	100	1	0	20	LV	-0.005
CP-OFDM QPSK	2592.99	518598	100	1	0	20	HV	-0.0058
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	-10	NV	-0.003
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	0	NV	-0.0023
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	10	NV	-0.0045
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	20	NV	-0.0038
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	30	NV	-0.0049
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	40	NV	-0.0049
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	55	NV	-0.0072
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	20	LV	-0.0068
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	20	HV	-0.0008
CP-OFDM QPSK	2640	528000	100	1	0	-10	NV	-0.0049
CP-OFDM QPSK	2640	528000	100	1	0	0	NV	-0.0011
CP-OFDM QPSK	2640	528000	100	1	0	10	NV	-0.0053
CP-OFDM QPSK	2640	528000	100	1	0	20	NV	-0.0095
CP-OFDM QPSK	2640	528000	100	1	0	30	NV	-0.0038
CP-OFDM QPSK	2640	528000	100	1	0	40	NV	-0.0049
CP-OFDM QPSK	2640	528000	100	1	0	55	NV	-0.0049
CP-OFDM QPSK	2640	528000	100	1	0	20	LV	-0.0034
CP-OFDM QPSK	2640	528000	100	1	0	20	HV	-0.0061



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	1	0	23.12	27.02	0.504
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	50	23.13	27.03	0.505
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	25	12	23.12	27.02	0.504
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	50	0	23.16	27.06	0.508
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	23.15	27.05	0.507
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	50	23.20	27.10	0.513
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	25	12	23.20	27.10	0.513
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	50	0	23.00	26.90	0.490
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	23.09	26.99	0.500
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	50	23.28	27.18	0.522
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	25	12	23.33	27.23	0.528
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	50	0	23.36	27.26	0.532
DFT-s-OFDM QPSK	2506.02	501204	20	1	0	22.92	26.82	0.481
DFT-s-OFDM QPSK	2506.02	501204	20	1	50	22.86	26.76	0.474
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	23.77	27.67	0.585
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	23.21	27.11	0.514
DFT-s-OFDM QPSK	2506.02	501204	20	1	0	23.13	27.03	0.505
DFT-s-OFDM QPSK	2506.02	501204	20	1	50	23.29	27.19	0.524
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	23.97	27.87	0.612
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	23.39	27.29	0.536
DFT-s-OFDM QPSK	2506.02	501204	20	1	0	23.18	27.08	0.511
DFT-s-OFDM QPSK	2506.02	501204	20	1	50	23.12	27.02	0.504
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	23.87	27.77	0.598
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	23.32	27.22	0.527
DFT-s-OFDM 16QAM	2506.02	501204	20	1	0	21.97	25.87	0.386
DFT-s-OFDM 16QAM	2506.02	501204	20	1	50	22.00	25.90	0.389
DFT-s-OFDM 16QAM	2506.02	501204	20	25	12	23.10	27.00	0.501
DFT-s-OFDM 16QAM	2506.02	501204	20	50	0	22.02	25.92	0.391
DFT-s-OFDM 64QAM	2506.02	501204	20	1	0	21.59	25.49	0.354
DFT-s-OFDM 64QAM	2506.02	501204	20	1	50	21.62	25.52	0.356
DFT-s-OFDM 64QAM	2506.02	501204	20	25	12	21.60	25.50	0.355
DFT-s-OFDM 64QAM	2506.02	501204	20	50	0	21.68	25.58	0.361
DFT-s-OFDM 256QAM	2506.02	501204	20	1	0	19.44	23.34	0.216
DFT-s-OFDM 256QAM	2506.02	501204	20	1	50	19.39	23.29	0.213
DFT-s-OFDM 256QAM	2506.02	501204	20	25	12	19.82	23.72	0.236
DFT-s-OFDM 256QAM	2506.02	501204	20	50	0	19.65	23.55	0.226
CP-OFDM QPSK	2592.99	518598	20	1	0	21.23	25.13	0.326
CP-OFDM QPSK	2592.99	518598	20	1	50	21.34	25.24	0.334
CP-OFDM QPSK	2592.99	518598	20	25	12	22.57	26.47	0.444
CP-OFDM QPSK	2592.99	518598	20	51	0	21.27	25.17	0.329
CP-OFDM 16QAM	2592.99	518598	20	1	0	21.13	25.03	0.318
CP-OFDM 16QAM	2592.99	518598	20	1	50	21.35	25.25	0.335
CP-OFDM 16QAM	2592.99	518598	20	25	12	22.16	26.06	0.404



CP-OFDM 16QAM	2592.99	518598	20	51	0	21.14	25.04	0.319
CP-OFDM 64QAM	2592.99	518598	20	1	0	20.40	24.30	0.269
CP-OFDM 64QAM	2592.99	518598	20	1	50	20.45	24.35	0.272
CP-OFDM 64QAM	2592.99	518598	20	25	12	21.18	25.08	0.322
CP-OFDM 64QAM	2592.99	518598	20	51	0	20.75	24.65	0.292
CP-OFDM 256QAM	2592.99	518598	20	1	0	17.65	21.55	0.143
CP-OFDM 256QAM	2592.99	518598	20	1	50	17.73	21.63	0.146
CP-OFDM 256QAM	2592.99	518598	20	25	12	18.07	21.97	0.157
CP-OFDM 256QAM	2592.99	518598	20	51	0	18.04	21.94	0.156
DFT-s-OFDM 16QAM	2592.99	518598	20	1	0	22.25	26.15	0.412
DFT-s-OFDM 16QAM	2592.99	518598	20	1	50	22.41	26.31	0.428
DFT-s-OFDM 16QAM	2592.99	518598	20	25	12	23.30	27.20	0.525
DFT-s-OFDM 16QAM	2592.99	518598	20	50	0	22.28	26.18	0.415
DFT-s-OFDM 64QAM	2592.99	518598	20	1	0	21.63	25.53	0.357
DFT-s-OFDM 64QAM	2592.99	518598	20	1	50	21.75	25.65	0.367
DFT-s-OFDM 64QAM	2592.99	518598	20	25	12	21.90	25.80	0.380
DFT-s-OFDM 64QAM	2592.99	518598	20	50	0	21.97	25.87	0.386
DFT-s-OFDM 256QAM	2592.99	518598	20	1	0	19.66	23.56	0.227
DFT-s-OFDM 256QAM	2592.99	518598	20	1	50	19.79	23.69	0.234
DFT-s-OFDM 256QAM	2592.99	518598	20	25	12	19.98	23.88	0.244
DFT-s-OFDM 256QAM	2592.99	518598	20	50	0	19.99	23.89	0.245
CP-OFDM QPSK	2592.99	518598	20	1	0	21.46	25.36	0.344
CP-OFDM QPSK	2592.99	518598	20	1	50	21.62	25.52	0.356
CP-OFDM QPSK	2592.99	518598	20	25	12	22.93	26.83	0.482
CP-OFDM QPSK	2592.99	518598	20	51	0	21.51	25.41	0.348
CP-OFDM 16QAM	2592.99	518598	20	1	0	21.33	25.23	0.333
CP-OFDM 16QAM	2592.99	518598	20	1	50	21.54	25.44	0.350
CP-OFDM 16QAM	2592.99	518598	20	25	12	22.58	26.48	0.445
CP-OFDM 16QAM	2592.99	518598	20	51	0	21.50	25.40	0.347
CP-OFDM 64QAM	2679.99	535998	20	1	0	20.59	24.49	0.281
CP-OFDM 64QAM	2679.99	535998	20	1	50	20.83	24.73	0.297
CP-OFDM 64QAM	2679.99	535998	20	25	12	21.09	24.99	0.316
CP-OFDM 64QAM	2679.99	535998	20	51	0	21.03	24.93	0.311
CP-OFDM 256QAM	2679.99	535998	20	1	0	17.91	21.81	0.152
CP-OFDM 256QAM	2679.99	535998	20	1	50	18.11	22.01	0.159
CP-OFDM 256QAM	2679.99	535998	20	25	12	18.30	22.20	0.166
CP-OFDM 256QAM	2679.99	535998	20	51	0	18.30	22.20	0.166
DFT-s-OFDM 16QAM	2679.99	535998	20	1	0	22.31	26.21	0.418
DFT-s-OFDM 16QAM	2679.99	535998	20	1	50	22.17	26.07	0.405
DFT-s-OFDM 16QAM	2679.99	535998	20	25	12	23.19	27.09	0.512
DFT-s-OFDM 16QAM	2679.99	535998	20	50	0	22.21	26.11	0.408
DFT-s-OFDM 64QAM	2679.99	535998	20	1	0	21.61	25.51	0.356
DFT-s-OFDM 64QAM	2679.99	535998	20	1	50	21.53	25.43	0.349
DFT-s-OFDM 64QAM	2679.99	535998	20	25	12	21.71	25.61	0.364
DFT-s-OFDM 64QAM	2679.99	535998	20	50	0	21.56	25.46	0.352
DFT-s-OFDM 256QAM	2679.99	535998	20	1	0	19.64	23.54	0.226



DFT-s-OFDM 256QAM	2679.99	535998	20	1	50	19.64	23.54	0.226
DFT-s-OFDM 256QAM	2679.99	535998	20	25	12	19.94	23.84	0.242
DFT-s-OFDM 256QAM	2679.99	535998	20	50	0	19.98	23.88	0.244
CP-OFDM QPSK	2679.99	535998	20	1	0	21.49	25.39	0.346
CP-OFDM QPSK	2679.99	535998	20	1	50	21.35	25.25	0.335
CP-OFDM QPSK	2679.99	535998	20	25	12	22.90	26.80	0.479
CP-OFDM QPSK	2679.99	535998	20	51	0	21.44	25.34	0.342
CP-OFDM 16QAM	2679.99	535998	20	1	0	21.44	25.34	0.342
CP-OFDM 16QAM	2679.99	535998	20	1	50	21.39	25.29	0.338
CP-OFDM 16QAM	2679.99	535998	20	25	12	22.46	26.36	0.433
CP-OFDM 16QAM	2679.99	535998	20	51	0	21.38	25.28	0.337
CP-OFDM 64QAM	2679.99	535998	20	1	0	20.61	24.51	0.282
CP-OFDM 64QAM	2679.99	535998	20	1	50	20.52	24.42	0.277
CP-OFDM 64QAM	2679.99	535998	20	25	12	21.05	24.95	0.313
CP-OFDM 64QAM	2679.99	535998	20	51	0	20.98	24.88	0.308
CP-OFDM 256QAM	2679.99	535998	20	1	0	17.96	21.86	0.153
CP-OFDM 256QAM	2679.99	535998	20	1	50	17.83	21.73	0.149
CP-OFDM 256QAM	2679.99	535998	20	25	12	18.29	22.19	0.166
CP-OFDM 256QAM	2679.99	535998	20	51	0	18.24	22.14	0.164

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	1	0	23.11	27.01	0.502
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	77	23.16	27.06	0.508
DFT-s-OFDM PI/2 BPSK	2511	502200	30	36	18	23.14	27.04	0.506
DFT-s-OFDM PI/2 BPSK	2511	502200	30	75	0	23.13	27.03	0.505
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	23.19	27.09	0.512
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	77	23.22	27.12	0.515
DFT-s-OFDM PI/2 BPSK	2511	502200	30	36	18	23.20	27.10	0.513
DFT-s-OFDM PI/2 BPSK	2511	502200	30	75	0	23.15	27.05	0.507
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	23.35	27.25	0.531
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	77	23.25	27.15	0.519
DFT-s-OFDM PI/2 BPSK	2511	502200	30	36	18	23.29	27.19	0.524
DFT-s-OFDM PI/2 BPSK	2511	502200	30	75	0	23.36	27.26	0.532
DFT-s-OFDM QPSK	2511	502200	30	1	0	23.05	26.95	0.495
DFT-s-OFDM QPSK	2511	502200	30	1	77	23.10	27.00	0.501
DFT-s-OFDM QPSK	2511	502200	30	36	18	23.76	27.66	0.583
DFT-s-OFDM QPSK	2511	502200	30	75	0	23.19	27.09	0.512
DFT-s-OFDM QPSK	2511	502200	30	1	0	23.28	27.18	0.522
DFT-s-OFDM QPSK	2511	502200	30	1	77	23.43	27.33	0.541
DFT-s-OFDM QPSK	2511	502200	30	36	18	23.99	27.89	0.615
DFT-s-OFDM QPSK	2511	502200	30	75	0	23.51	27.41	0.551
DFT-s-OFDM QPSK	2511	502200	30	1	0	23.35	27.25	0.531
DFT-s-OFDM QPSK	2511	502200	30	1	77	23.11	27.01	0.502
DFT-s-OFDM QPSK	2511	502200	30	36	18	23.78	27.68	0.586
DFT-s-OFDM QPSK	2511	502200	30	75	0	23.25	27.15	0.519



DFT-s-OFDM 16QAM	2511	502200	30	1	0	22.18	26.08	0.406
DFT-s-OFDM 16QAM	2511	502200	30	1	77	22.23	26.13	0.410
DFT-s-OFDM 16QAM	2511	502200	30	36	18	23.06	26.96	0.497
DFT-s-OFDM 16QAM	2511	502200	30	75	0	22.25	26.15	0.412
DFT-s-OFDM 64QAM	2511	502200	30	1	0	21.45	25.35	0.343
DFT-s-OFDM 64QAM	2511	502200	30	1	77	21.54	25.44	0.350
DFT-s-OFDM 64QAM	2511	502200	30	36	18	21.65	25.55	0.359
DFT-s-OFDM 64QAM	2511	502200	30	75	0	21.78	25.68	0.370
DFT-s-OFDM 256QAM	2511	502200	30	1	0	19.45	23.35	0.216
DFT-s-OFDM 256QAM	2511	502200	30	1	77	19.69	23.59	0.229
DFT-s-OFDM 256QAM	2511	502200	30	36	18	20.01	23.91	0.246
DFT-s-OFDM 256QAM	2511	502200	30	75	0	19.77	23.67	0.233
CP-OFDM QPSK	2592.99	518598	30	1	0	21.25	25.15	0.327
CP-OFDM QPSK	2592.99	518598	30	1	77	21.36	25.26	0.336
CP-OFDM QPSK	2592.99	518598	30	39	19	22.48	26.38	0.435
CP-OFDM QPSK	2592.99	518598	30	78	0	21.32	25.22	0.333
CP-OFDM 16QAM	2592.99	518598	30	1	0	21.27	25.17	0.329
CP-OFDM 16QAM	2592.99	518598	30	1	77	21.30	25.20	0.331
CP-OFDM 16QAM	2592.99	518598	30	39	19	22.24	26.14	0.411
CP-OFDM 16QAM	2592.99	518598	30	78	0	21.26	25.16	0.328
CP-OFDM 64QAM	2592.99	518598	30	1	0	20.53	24.43	0.277
CP-OFDM 64QAM	2592.99	518598	30	1	77	20.65	24.55	0.285
CP-OFDM 64QAM	2592.99	518598	30	39	19	20.92	24.82	0.303
CP-OFDM 64QAM	2592.99	518598	30	78	0	21.11	25.01	0.317
CP-OFDM 256QAM	2592.99	518598	30	1	0	17.84	21.74	0.149
CP-OFDM 256QAM	2592.99	518598	30	1	77	17.90	21.80	0.151
CP-OFDM 256QAM	2592.99	518598	30	39	19	18.04	21.94	0.156
CP-OFDM 256QAM	2592.99	518598	30	78	0	18.20	22.10	0.162
DFT-s-OFDM 16QAM	2592.99	518598	30	1	0	22.40	26.30	0.427
DFT-s-OFDM 16QAM	2592.99	518598	30	1	77	22.55	26.45	0.442
DFT-s-OFDM 16QAM	2592.99	518598	30	36	18	23.27	27.17	0.521
DFT-s-OFDM 16QAM	2592.99	518598	30	75	0	22.10	26.00	0.398
DFT-s-OFDM 64QAM	2592.99	518598	30	1	0	21.76	25.66	0.368
DFT-s-OFDM 64QAM	2592.99	518598	30	1	77	21.89	25.79	0.379
DFT-s-OFDM 64QAM	2592.99	518598	30	36	18	21.95	25.85	0.385
DFT-s-OFDM 64QAM	2592.99	518598	30	75	0	21.96	25.86	0.385
DFT-s-OFDM 256QAM	2592.99	518598	30	1	0	19.68	23.58	0.228
DFT-s-OFDM 256QAM	2592.99	518598	30	1	77	19.96	23.86	0.243
DFT-s-OFDM 256QAM	2592.99	518598	30	36	18	20.03	23.93	0.247
DFT-s-OFDM 256QAM	2592.99	518598	30	75	0	20.07	23.97	0.249
CP-OFDM QPSK	2592.99	518598	30	1	0	21.50	25.40	0.347
CP-OFDM QPSK	2592.99	518598	30	1	77	21.76	25.66	0.368
CP-OFDM QPSK	2592.99	518598	30	39	19	22.95	26.85	0.484
CP-OFDM QPSK	2592.99	518598	30	78	0	21.52	25.42	0.348
CP-OFDM 16QAM	2592.99	518598	30	1	0	21.48	25.38	0.345
CP-OFDM 16QAM	2592.99	518598	30	1	77	21.68	25.58	0.361



CP-OFDM 16QAM	2592.99	518598	30	39	19	22.43	26.33	0.430
CP-OFDM 16QAM	2592.99	518598	30	78	0	21.40	25.30	0.339
CP-OFDM 64QAM	2674.98	534996	30	1	0	20.78	24.68	0.294
CP-OFDM 64QAM	2674.98	534996	30	1	77	20.98	24.88	0.308
CP-OFDM 64QAM	2674.98	534996	30	39	19	21.18	25.08	0.322
CP-OFDM 64QAM	2674.98	534996	30	78	0	21.10	25.00	0.316
CP-OFDM 256QAM	2674.98	534996	30	1	0	18.01	21.91	0.155
CP-OFDM 256QAM	2674.98	534996	30	1	77	18.13	22.03	0.160
CP-OFDM 256QAM	2674.98	534996	30	39	19	18.44	22.34	0.171
CP-OFDM 256QAM	2674.98	534996	30	78	0	18.42	22.32	0.171
DFT-s-OFDM 16QAM	2674.98	534996	30	1	0	22.34	26.24	0.421
DFT-s-OFDM 16QAM	2674.98	534996	30	1	77	22.18	26.08	0.406
DFT-s-OFDM 16QAM	2674.98	534996	30	36	18	23.08	26.98	0.499
DFT-s-OFDM 16QAM	2674.98	534996	30	75	0	22.19	26.09	0.406
DFT-s-OFDM 64QAM	2674.98	534996	30	1	0	21.63	25.53	0.357
DFT-s-OFDM 64QAM	2674.98	534996	30	1	77	21.52	25.42	0.348
DFT-s-OFDM 64QAM	2674.98	534996	30	36	18	21.70	25.60	0.363
DFT-s-OFDM 64QAM	2674.98	534996	30	75	0	21.75	25.65	0.367
DFT-s-OFDM 256QAM	2674.98	534996	30	1	0	19.76	23.66	0.232
DFT-s-OFDM 256QAM	2674.98	534996	30	1	77	19.46	23.36	0.217
DFT-s-OFDM 256QAM	2674.98	534996	30	36	18	19.83	23.73	0.236
DFT-s-OFDM 256QAM	2674.98	534996	30	75	0	19.83	23.73	0.236
CP-OFDM QPSK	2674.98	534996	30	1	0	21.47	25.37	0.344
CP-OFDM QPSK	2674.98	534996	30	1	77	21.36	25.26	0.336
CP-OFDM QPSK	2674.98	534996	30	39	19	22.69	26.59	0.456
CP-OFDM QPSK	2674.98	534996	30	78	0	21.34	25.24	0.334
CP-OFDM 16QAM	2674.98	534996	30	1	0	21.41	25.31	0.340
CP-OFDM 16QAM	2674.98	534996	30	1	77	21.29	25.19	0.330
CP-OFDM 16QAM	2674.98	534996	30	39	19	22.36	26.26	0.423
CP-OFDM 16QAM	2674.98	534996	30	78	0	21.38	25.28	0.337
CP-OFDM 64QAM	2674.98	534996	30	1	0	20.82	24.72	0.296
CP-OFDM 64QAM	2674.98	534996	30	1	77	20.65	24.55	0.285
CP-OFDM 64QAM	2674.98	534996	30	39	19	20.99	24.89	0.308
CP-OFDM 64QAM	2674.98	534996	30	78	0	20.81	24.71	0.296
CP-OFDM 256QAM	2674.98	534996	30	1	0	17.95	21.85	0.153
CP-OFDM 256QAM	2674.98	534996	30	1	77	17.92	21.82	0.152
CP-OFDM 256QAM	2674.98	534996	30	39	19	18.18	22.08	0.161
CP-OFDM 256QAM	2674.98	534996	30	78	0	18.21	22.11	0.163

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	1	0	23.22	27.12	0.515
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	105	23.07	26.97	0.498
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	23.17	27.07	0.509
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	100	0	23.17	27.07	0.509
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	22.93	26.83	0.482



DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	105	23.21	27.11	0.514
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	23.01	26.91	0.491
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	100	0	23.16	27.06	0.508
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	23.31	27.21	0.526
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	105	23.27	27.17	0.521
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	23.31	27.21	0.526
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	100	0	23.33	27.23	0.528
DFT-s-OFDM QPSK	2516.01	503202	40	1	0	22.99	26.89	0.489
DFT-s-OFDM QPSK	2516.01	503202	40	1	105	23.07	26.97	0.498
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	23.74	27.64	0.581
DFT-s-OFDM QPSK	2516.01	503202	40	100	0	23.27	27.17	0.521
DFT-s-OFDM QPSK	2516.01	503202	40	1	0	23.19	27.09	0.512
DFT-s-OFDM QPSK	2516.01	503202	40	1	105	23.35	27.25	0.531
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	23.91	27.81	0.604
DFT-s-OFDM QPSK	2516.01	503202	40	100	0	23.45	27.35	0.543
DFT-s-OFDM QPSK	2516.01	503202	40	1	0	23.26	27.16	0.520
DFT-s-OFDM QPSK	2516.01	503202	40	1	105	22.89	26.79	0.478
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	23.86	27.76	0.597
DFT-s-OFDM QPSK	2516.01	503202	40	100	0	23.20	27.10	0.513
DFT-s-OFDM 16QAM	2516.01	503202	40	1	0	22.06	25.96	0.394
DFT-s-OFDM 16QAM	2516.01	503202	40	1	105	22.13	26.03	0.401
DFT-s-OFDM 16QAM	2516.01	503202	40	50	25	23.04	26.94	0.494
DFT-s-OFDM 16QAM	2516.01	503202	40	100	0	22.17	26.07	0.405
DFT-s-OFDM 64QAM	2516.01	503202	40	1	0	21.39	25.29	0.338
DFT-s-OFDM 64QAM	2516.01	503202	40	1	105	21.47	25.37	0.344
DFT-s-OFDM 64QAM	2516.01	503202	40	50	25	21.76	25.66	0.368
DFT-s-OFDM 64QAM	2516.01	503202	40	100	0	21.68	25.58	0.361
DFT-s-OFDM 256QAM	2516.01	503202	40	1	0	19.45	23.35	0.216
DFT-s-OFDM 256QAM	2516.01	503202	40	1	105	19.54	23.44	0.221
DFT-s-OFDM 256QAM	2516.01	503202	40	50	25	20.06	23.96	0.249
DFT-s-OFDM 256QAM	2516.01	503202	40	100	0	19.77	23.67	0.233
CP-OFDM QPSK	2592.99	518598	40	1	0	21.22	25.12	0.325
CP-OFDM QPSK	2592.99	518598	40	1	105	21.26	25.16	0.328
CP-OFDM QPSK	2592.99	518598	40	53	26	22.70	26.60	0.457
CP-OFDM QPSK	2592.99	518598	40	106	0	21.31	25.21	0.332
CP-OFDM 16QAM	2592.99	518598	40	1	0	21.22	25.12	0.325
CP-OFDM 16QAM	2592.99	518598	40	1	105	21.27	25.17	0.329
CP-OFDM 16QAM	2592.99	518598	40	53	26	22.29	26.19	0.416
CP-OFDM 16QAM	2592.99	518598	40	106	0	21.23	25.13	0.326
CP-OFDM 64QAM	2592.99	518598	40	1	0	20.36	24.26	0.267
CP-OFDM 64QAM	2592.99	518598	40	1	105	20.48	24.38	0.274
CP-OFDM 64QAM	2592.99	518598	40	53	26	20.92	24.82	0.303
CP-OFDM 64QAM	2592.99	518598	40	106	0	20.82	24.72	0.296
CP-OFDM 256QAM	2592.99	518598	40	1	0	17.83	21.73	0.149
CP-OFDM 256QAM	2592.99	518598	40	1	105	17.74	21.64	0.146
CP-OFDM 256QAM	2592.99	518598	40	53	26	18.19	22.09	0.162



CP-OFDM 256QAM	2592.99	518598	40	106	0	18.13	22.03	0.160
DFT-s-OFDM 16QAM	2592.99	518598	40	1	0	22.24	26.14	0.411
DFT-s-OFDM 16QAM	2592.99	518598	40	1	105	22.44	26.34	0.431
DFT-s-OFDM 16QAM	2592.99	518598	40	50	25	23.26	27.16	0.520
DFT-s-OFDM 16QAM	2592.99	518598	40	100	0	22.46	26.36	0.433
DFT-s-OFDM 64QAM	2592.99	518598	40	1	0	21.60	25.50	0.355
DFT-s-OFDM 64QAM	2592.99	518598	40	1	105	21.77	25.67	0.369
DFT-s-OFDM 64QAM	2592.99	518598	40	50	25	22.04	25.94	0.393
DFT-s-OFDM 64QAM	2592.99	518598	40	100	0	22.07	25.97	0.395
DFT-s-OFDM 256QAM	2592.99	518598	40	1	0	19.67	23.57	0.228
DFT-s-OFDM 256QAM	2592.99	518598	40	1	105	19.78	23.68	0.233
DFT-s-OFDM 256QAM	2592.99	518598	40	50	25	20.11	24.01	0.252
DFT-s-OFDM 256QAM	2592.99	518598	40	100	0	19.97	23.87	0.244
CP-OFDM QPSK	2592.99	518598	40	1	0	21.41	25.31	0.340
CP-OFDM QPSK	2592.99	518598	40	1	105	21.58	25.48	0.353
CP-OFDM QPSK	2592.99	518598	40	53	26	22.98	26.88	0.488
CP-OFDM QPSK	2592.99	518598	40	106	0	21.62	25.52	0.356
CP-OFDM 16QAM	2592.99	518598	40	1	0	21.41	25.31	0.340
CP-OFDM 16QAM	2592.99	518598	40	1	105	21.59	25.49	0.354
CP-OFDM 16QAM	2592.99	518598	40	53	26	22.57	26.47	0.444
CP-OFDM 16QAM	2592.99	518598	40	106	0	21.55	25.45	0.351
CP-OFDM 64QAM	2670	534000	40	1	0	20.63	24.53	0.284
CP-OFDM 64QAM	2670	534000	40	1	105	20.84	24.74	0.298
CP-OFDM 64QAM	2670	534000	40	53	26	21.15	25.05	0.320
CP-OFDM 64QAM	2670	534000	40	106	0	21.07	24.97	0.314
CP-OFDM 256QAM	2670	534000	40	1	0	17.85	21.75	0.150
CP-OFDM 256QAM	2670	534000	40	1	105	18.03	21.93	0.156
CP-OFDM 256QAM	2670	534000	40	53	26	18.37	22.27	0.169
CP-OFDM 256QAM	2670	534000	40	106	0	18.37	22.27	0.169
DFT-s-OFDM 16QAM	2670	534000	40	1	0	22.28	26.18	0.415
DFT-s-OFDM 16QAM	2670	534000	40	1	105	21.96	25.86	0.385
DFT-s-OFDM 16QAM	2670	534000	40	50	25	22.97	26.87	0.486
DFT-s-OFDM 16QAM	2670	534000	40	100	0	22.15	26.05	0.403
DFT-s-OFDM 64QAM	2670	534000	40	1	0	21.61	25.51	0.356
DFT-s-OFDM 64QAM	2670	534000	40	1	105	21.32	25.22	0.333
DFT-s-OFDM 64QAM	2670	534000	40	50	25	21.67	25.57	0.361
DFT-s-OFDM 64QAM	2670	534000	40	100	0	21.78	25.68	0.370
DFT-s-OFDM 256QAM	2670	534000	40	1	0	19.66	23.56	0.227
DFT-s-OFDM 256QAM	2670	534000	40	1	105	19.36	23.26	0.212
DFT-s-OFDM 256QAM	2670	534000	40	50	25	19.86	23.76	0.238
DFT-s-OFDM 256QAM	2670	534000	40	100	0	19.88	23.78	0.239
CP-OFDM QPSK	2670	534000	40	1	0	21.49	25.39	0.346
CP-OFDM QPSK	2670	534000	40	1	105	21.15	25.05	0.320
CP-OFDM QPSK	2670	534000	40	53	26	22.72	26.62	0.459
CP-OFDM QPSK	2670	534000	40	106	0	21.43	25.33	0.341
CP-OFDM 16QAM	2670	534000	40	1	0	21.36	25.26	0.336



CP-OFDM 16QAM	2670	534000	40	1	105	21.04	24.94	0.312
CP-OFDM 16QAM	2670	534000	40	53	26	22.22	26.12	0.409
CP-OFDM 16QAM	2670	534000	40	106	0	21.21	25.11	0.324
CP-OFDM 64QAM	2670	534000	40	1	0	20.62	24.52	0.283
CP-OFDM 64QAM	2670	534000	40	1	105	20.24	24.14	0.259
CP-OFDM 64QAM	2670	534000	40	53	26	20.84	24.74	0.298
CP-OFDM 64QAM	2670	534000	40	106	0	20.85	24.75	0.299
CP-OFDM 256QAM	2670	534000	40	1	0	17.93	21.83	0.152
CP-OFDM 256QAM	2670	534000	40	1	105	17.83	21.73	0.149
CP-OFDM 256QAM	2670	534000	40	53	26	18.39	22.29	0.169
CP-OFDM 256QAM	2670	534000	40	106	0	18.16	22.06	0.161

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	1	0	23.15	27.05	0.507
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	132	23.15	27.05	0.507
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	64	32	23.17	27.07	0.509
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	128	0	23.17	27.07	0.509
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	23.26	27.16	0.520
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	132	23.12	27.02	0.504
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	64	32	23.19	27.09	0.512
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	128	0	23.30	27.20	0.525
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	23.34	27.24	0.530
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	132	23.26	27.16	0.520
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	64	32	23.36	27.26	0.532
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	128	0	23.31	27.21	0.526
DFT-s-OFDM QPSK	2521.02	504204	50	1	0	23.18	27.08	0.511
DFT-s-OFDM QPSK	2521.02	504204	50	1	132	23.27	27.17	0.521
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	23.84	27.74	0.594
DFT-s-OFDM QPSK	2521.02	504204	50	128	0	23.41	27.31	0.538
DFT-s-OFDM QPSK	2521.02	504204	50	1	0	23.40	27.30	0.537
DFT-s-OFDM QPSK	2521.02	504204	50	1	132	23.49	27.39	0.548
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	24.12	28.02	0.634
DFT-s-OFDM QPSK	2521.02	504204	50	128	0	23.65	27.55	0.569
DFT-s-OFDM QPSK	2521.02	504204	50	1	0	23.37	27.27	0.533
DFT-s-OFDM QPSK	2521.02	504204	50	1	132	23.19	27.09	0.512
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	24.09	27.99	0.630
DFT-s-OFDM QPSK	2521.02	504204	50	128	0	23.46	27.36	0.545
DFT-s-OFDM 16QAM	2521.02	504204	50	1	0	22.32	26.22	0.419
DFT-s-OFDM 16QAM	2521.02	504204	50	1	132	22.41	26.31	0.428
DFT-s-OFDM 16QAM	2521.02	504204	50	64	32	23.28	27.18	0.522
DFT-s-OFDM 16QAM	2521.02	504204	50	128	0	22.32	26.22	0.419
DFT-s-OFDM 64QAM	2521.02	504204	50	1	0	21.64	25.54	0.358
DFT-s-OFDM 64QAM	2521.02	504204	50	1	132	21.86	25.76	0.377
DFT-s-OFDM 64QAM	2521.02	504204	50	64	32	21.96	25.86	0.385
DFT-s-OFDM 64QAM	2521.02	504204	50	128	0	21.94	25.84	0.384



DFT-s-OFDM 256QAM	2521.02	504204	50	1	0	19.68	23.58	0.228
DFT-s-OFDM 256QAM	2521.02	504204	50	1	132	19.69	23.59	0.229
DFT-s-OFDM 256QAM	2521.02	504204	50	64	32	19.92	23.82	0.241
DFT-s-OFDM 256QAM	2521.02	504204	50	128	0	20.02	23.92	0.247
CP-OFDM QPSK	2592.99	518598	50	1	0	21.41	25.31	0.340
CP-OFDM QPSK	2592.99	518598	50	1	132	21.57	25.47	0.352
CP-OFDM QPSK	2592.99	518598	50	67	33	22.86	26.76	0.474
CP-OFDM QPSK	2592.99	518598	50	133	0	21.35	25.25	0.335
CP-OFDM 16QAM	2592.99	518598	50	1	0	21.44	25.34	0.342
CP-OFDM 16QAM	2592.99	518598	50	1	132	21.56	25.46	0.352
CP-OFDM 16QAM	2592.99	518598	50	67	33	22.47	26.37	0.434
CP-OFDM 16QAM	2592.99	518598	50	133	0	21.38	25.28	0.337
CP-OFDM 64QAM	2592.99	518598	50	1	0	20.74	24.64	0.291
CP-OFDM 64QAM	2592.99	518598	50	1	132	20.82	24.72	0.296
CP-OFDM 64QAM	2592.99	518598	50	67	33	21.08	24.98	0.315
CP-OFDM 64QAM	2592.99	518598	50	133	0	20.92	24.82	0.303
CP-OFDM 256QAM	2592.99	518598	50	1	0	17.90	21.80	0.151
CP-OFDM 256QAM	2592.99	518598	50	1	132	18.07	21.97	0.157
CP-OFDM 256QAM	2592.99	518598	50	67	33	18.39	22.29	0.169
CP-OFDM 256QAM	2592.99	518598	50	133	0	18.27	22.17	0.165
DFT-s-OFDM 16QAM	2592.99	518598	50	1	0	22.35	26.25	0.422
DFT-s-OFDM 16QAM	2592.99	518598	50	1	132	22.60	26.50	0.447
DFT-s-OFDM 16QAM	2592.99	518598	50	64	32	23.49	27.39	0.548
DFT-s-OFDM 16QAM	2592.99	518598	50	128	0	22.53	26.43	0.440
DFT-s-OFDM 64QAM	2592.99	518598	50	1	0	21.74	25.64	0.366
DFT-s-OFDM 64QAM	2592.99	518598	50	1	132	21.90	25.80	0.380
DFT-s-OFDM 64QAM	2592.99	518598	50	64	32	22.05	25.95	0.394
DFT-s-OFDM 64QAM	2592.99	518598	50	128	0	22.06	25.96	0.394
DFT-s-OFDM 256QAM	2592.99	518598	50	1	0	19.86	23.76	0.238
DFT-s-OFDM 256QAM	2592.99	518598	50	1	132	20.04	23.94	0.248
DFT-s-OFDM 256QAM	2592.99	518598	50	64	32	20.13	24.03	0.253
DFT-s-OFDM 256QAM	2592.99	518598	50	128	0	20.16	24.06	0.255
CP-OFDM QPSK	2592.99	518598	50	1	0	21.59	25.49	0.354
CP-OFDM QPSK	2592.99	518598	50	1	132	21.74	25.64	0.366
CP-OFDM QPSK	2592.99	518598	50	67	33	23.68	27.58	0.573
CP-OFDM QPSK	2592.99	518598	50	133	0	21.59	25.49	0.354
CP-OFDM 16QAM	2592.99	518598	50	1	0	21.60	25.50	0.355
CP-OFDM 16QAM	2592.99	518598	50	1	132	21.70	25.60	0.363
CP-OFDM 16QAM	2592.99	518598	50	67	33	22.56	26.46	0.443
CP-OFDM 16QAM	2592.99	518598	50	133	0	21.54	25.44	0.350
CP-OFDM 64QAM	2664.99	532998	50	1	0	20.64	24.54	0.284
CP-OFDM 64QAM	2664.99	532998	50	1	132	21.04	24.94	0.312
CP-OFDM 64QAM	2664.99	532998	50	67	33	21.16	25.06	0.321
CP-OFDM 64QAM	2664.99	532998	50	133	0	21.18	25.08	0.322
CP-OFDM 256QAM	2664.99	532998	50	1	0	18.09	21.99	0.158
CP-OFDM 256QAM	2664.99	532998	50	1	132	18.18	22.08	0.161



CP-OFDM 256QAM	2664.99	532998	50	67	33	18.43	22.33	0.171
CP-OFDM 256QAM	2664.99	532998	50	133	0	18.76	22.66	0.185
DFT-s-OFDM 16QAM	2664.99	532998	50	1	0	22.39	26.29	0.426
DFT-s-OFDM 16QAM	2664.99	532998	50	1	132	22.40	26.30	0.427
DFT-s-OFDM 16QAM	2664.99	532998	50	64	32	23.43	27.33	0.541
DFT-s-OFDM 16QAM	2664.99	532998	50	128	0	22.40	26.30	0.427
DFT-s-OFDM 64QAM	2664.99	532998	50	1	0	21.76	25.66	0.368
DFT-s-OFDM 64QAM	2664.99	532998	50	1	132	21.66	25.56	0.360
DFT-s-OFDM 64QAM	2664.99	532998	50	64	32	21.95	25.85	0.385
DFT-s-OFDM 64QAM	2664.99	532998	50	128	0	21.93	25.83	0.383
DFT-s-OFDM 256QAM	2664.99	532998	50	1	0	19.90	23.80	0.240
DFT-s-OFDM 256QAM	2664.99	532998	50	1	132	19.66	23.56	0.227
DFT-s-OFDM 256QAM	2664.99	532998	50	64	32	20.29	24.19	0.262
DFT-s-OFDM 256QAM	2664.99	532998	50	128	0	19.99	23.89	0.245
CP-OFDM QPSK	2664.99	532998	50	1	0	21.55	25.45	0.351
CP-OFDM QPSK	2664.99	532998	50	1	132	21.37	25.27	0.337
CP-OFDM QPSK	2664.99	532998	50	67	33	22.88	26.78	0.476
CP-OFDM QPSK	2664.99	532998	50	133	0	21.43	25.33	0.341
CP-OFDM 16QAM	2664.99	532998	50	1	0	21.56	25.46	0.352
CP-OFDM 16QAM	2664.99	532998	50	1	132	21.52	25.42	0.348
CP-OFDM 16QAM	2664.99	532998	50	67	33	22.46	26.36	0.433
CP-OFDM 16QAM	2664.99	532998	50	133	0	21.49	25.39	0.346
CP-OFDM 64QAM	2664.99	532998	50	1	0	20.77	24.67	0.293
CP-OFDM 64QAM	2664.99	532998	50	1	132	20.93	24.83	0.304
CP-OFDM 64QAM	2664.99	532998	50	67	33	21.17	25.07	0.321
CP-OFDM 64QAM	2664.99	532998	50	133	0	20.99	24.89	0.308
CP-OFDM 256QAM	2664.99	532998	50	1	0	18.12	22.02	0.159
CP-OFDM 256QAM	2664.99	532998	50	1	132	18.13	22.03	0.160
CP-OFDM 256QAM	2664.99	532998	50	67	33	18.44	22.34	0.171
CP-OFDM 256QAM	2664.99	532998	50	133	0	18.33	22.23	0.167

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	1	0	23.18	27.08	0.511
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	161	23.16	27.06	0.508
DFT-s-OFDM PI/2 BPSK	2526	505200	60	81	40	23.12	27.02	0.504
DFT-s-OFDM PI/2 BPSK	2526	505200	60	162	0	23.13	27.03	0.505
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	23.16	27.06	0.508
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	161	23.15	27.05	0.507
DFT-s-OFDM PI/2 BPSK	2526	505200	60	81	40	22.92	26.82	0.481
DFT-s-OFDM PI/2 BPSK	2526	505200	60	162	0	23.17	27.07	0.509
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	23.32	27.22	0.527
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	161	23.23	27.13	0.516
DFT-s-OFDM PI/2 BPSK	2526	505200	60	81	40	23.31	27.21	0.526
DFT-s-OFDM PI/2 BPSK	2526	505200	60	162	0	23.32	27.22	0.527
DFT-s-OFDM QPSK	2526	505200	60	1	0	23.08	26.98	0.499



DFT-s-OFDM QPSK	2526	505200	60	1	161	23.26	27.16	0.520
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.62	27.52	0.565
DFT-s-OFDM QPSK	2526	505200	60	162	0	23.26	27.16	0.520
DFT-s-OFDM QPSK	2526	505200	60	1	0	23.08	26.98	0.499
DFT-s-OFDM QPSK	2526	505200	60	1	161	23.27	27.17	0.521
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.78	27.68	0.586
DFT-s-OFDM QPSK	2526	505200	60	162	0	23.31	27.21	0.526
DFT-s-OFDM QPSK	2526	505200	60	1	0	23.21	27.11	0.514
DFT-s-OFDM QPSK	2526	505200	60	1	161	22.94	26.84	0.483
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.63	27.53	0.566
DFT-s-OFDM QPSK	2526	505200	60	162	0	23.19	27.09	0.512
DFT-s-OFDM 16QAM	2526	505200	60	1	0	22.18	26.08	0.406
DFT-s-OFDM 16QAM	2526	505200	60	1	161	22.26	26.16	0.413
DFT-s-OFDM 16QAM	2526	505200	60	81	40	23.06	26.96	0.497
DFT-s-OFDM 16QAM	2526	505200	60	162	0	22.17	26.07	0.405
DFT-s-OFDM 64QAM	2526	505200	60	1	0	21.56	25.46	0.352
DFT-s-OFDM 64QAM	2526	505200	60	1	161	21.71	25.61	0.364
DFT-s-OFDM 64QAM	2526	505200	60	81	40	21.63	25.53	0.357
DFT-s-OFDM 64QAM	2526	505200	60	162	0	21.75	25.65	0.367
DFT-s-OFDM 256QAM	2526	505200	60	1	0	19.55	23.45	0.221
DFT-s-OFDM 256QAM	2526	505200	60	1	161	19.66	23.56	0.227
DFT-s-OFDM 256QAM	2526	505200	60	81	40	19.72	23.62	0.230
DFT-s-OFDM 256QAM	2526	505200	60	162	0	19.77	23.67	0.233
CP-OFDM QPSK	2592.99	518598	60	1	0	21.41	25.31	0.340
CP-OFDM QPSK	2592.99	518598	60	1	161	21.47	25.37	0.344
CP-OFDM QPSK	2592.99	518598	60	81	40	22.63	26.53	0.450
CP-OFDM QPSK	2592.99	518598	60	162	0	21.23	25.13	0.326
CP-OFDM 16QAM	2592.99	518598	60	1	0	21.23	25.13	0.326
CP-OFDM 16QAM	2592.99	518598	60	1	161	21.39	25.29	0.338
CP-OFDM 16QAM	2592.99	518598	60	81	40	22.22	26.12	0.409
CP-OFDM 16QAM	2592.99	518598	60	162	0	21.17	25.07	0.321
CP-OFDM 64QAM	2592.99	518598	60	1	0	20.46	24.36	0.273
CP-OFDM 64QAM	2592.99	518598	60	1	161	20.75	24.65	0.292
CP-OFDM 64QAM	2592.99	518598	60	81	40	20.53	24.43	0.277
CP-OFDM 64QAM	2592.99	518598	60	162	0	20.81	24.71	0.296
CP-OFDM 256QAM	2592.99	518598	60	1	0	17.90	21.80	0.151
CP-OFDM 256QAM	2592.99	518598	60	1	161	17.97	21.87	0.154
CP-OFDM 256QAM	2592.99	518598	60	81	40	18.07	21.97	0.157
CP-OFDM 256QAM	2592.99	518598	60	162	0	18.20	22.10	0.162
DFT-s-OFDM 16QAM	2592.99	518598	60	1	0	22.18	26.08	0.406
DFT-s-OFDM 16QAM	2592.99	518598	60	1	161	22.29	26.19	0.416
DFT-s-OFDM 16QAM	2592.99	518598	60	81	40	23.16	27.06	0.508
DFT-s-OFDM 16QAM	2592.99	518598	60	162	0	22.27	26.17	0.414
DFT-s-OFDM 64QAM	2592.99	518598	60	1	0	21.64	25.54	0.358
DFT-s-OFDM 64QAM	2592.99	518598	60	1	161	21.67	25.57	0.361
DFT-s-OFDM 64QAM	2592.99	518598	60	81	40	21.85	25.75	0.376



DFT-s-OFDM 64QAM	2592.99	518598	60	162	0	21.81	25.71	0.372
DFT-s-OFDM 256QAM	2592.99	518598	60	1	0	19.60	23.50	0.224
DFT-s-OFDM 256QAM	2592.99	518598	60	1	161	19.79	23.69	0.234
DFT-s-OFDM 256QAM	2592.99	518598	60	81	40	19.85	23.75	0.237
DFT-s-OFDM 256QAM	2592.99	518598	60	162	0	19.98	23.88	0.244
CP-OFDM QPSK	2592.99	518598	60	1	0	21.36	25.26	0.336
CP-OFDM QPSK	2592.99	518598	60	1	161	21.56	25.46	0.352
CP-OFDM QPSK	2592.99	518598	60	81	40	22.72	26.62	0.459
CP-OFDM QPSK	2592.99	518598	60	162	0	21.32	25.22	0.333
CP-OFDM 16QAM	2592.99	518598	60	1	0	21.29	25.19	0.330
CP-OFDM 16QAM	2592.99	518598	60	1	161	21.39	25.29	0.338
CP-OFDM 16QAM	2592.99	518598	60	81	40	22.30	26.20	0.417
CP-OFDM 16QAM	2592.99	518598	60	162	0	21.37	25.27	0.337
CP-OFDM 64QAM	2659.98	531996	60	1	0	20.55	24.45	0.279
CP-OFDM 64QAM	2659.98	531996	60	1	161	20.86	24.76	0.299
CP-OFDM 64QAM	2659.98	531996	60	81	40	20.97	24.87	0.307
CP-OFDM 64QAM	2659.98	531996	60	162	0	20.92	24.82	0.303
CP-OFDM 256QAM	2659.98	531996	60	1	0	17.95	21.85	0.153
CP-OFDM 256QAM	2659.98	531996	60	1	161	18.09	21.99	0.158
CP-OFDM 256QAM	2659.98	531996	60	81	40	18.20	22.10	0.162
CP-OFDM 256QAM	2659.98	531996	60	162	0	18.22	22.12	0.163
DFT-s-OFDM 16QAM	2659.98	531996	60	1	0	22.36	26.26	0.423
DFT-s-OFDM 16QAM	2659.98	531996	60	1	161	22.06	25.96	0.394
DFT-s-OFDM 16QAM	2659.98	531996	60	81	40	23.18	27.08	0.511
DFT-s-OFDM 16QAM	2659.98	531996	60	162	0	22.14	26.04	0.402
DFT-s-OFDM 64QAM	2659.98	531996	60	1	0	21.65	25.55	0.359
DFT-s-OFDM 64QAM	2659.98	531996	60	1	161	21.36	25.26	0.336
DFT-s-OFDM 64QAM	2659.98	531996	60	81	40	21.69	25.59	0.362
DFT-s-OFDM 64QAM	2659.98	531996	60	162	0	21.66	25.56	0.360
DFT-s-OFDM 256QAM	2659.98	531996	60	1	0	19.67	23.57	0.228
DFT-s-OFDM 256QAM	2659.98	531996	60	1	161	19.43	23.33	0.215
DFT-s-OFDM 256QAM	2659.98	531996	60	81	40	19.90	23.80	0.240
DFT-s-OFDM 256QAM	2659.98	531996	60	162	0	19.77	23.67	0.233
CP-OFDM QPSK	2659.98	531996	60	1	0	21.50	25.40	0.347
CP-OFDM QPSK	2659.98	531996	60	1	161	21.24	25.14	0.327
CP-OFDM QPSK	2659.98	531996	60	81	40	22.58	26.48	0.445
CP-OFDM QPSK	2659.98	531996	60	162	0	21.19	25.09	0.323
CP-OFDM 16QAM	2659.98	531996	60	1	0	21.44	25.34	0.342
CP-OFDM 16QAM	2659.98	531996	60	1	161	21.24	25.14	0.327
CP-OFDM 16QAM	2659.98	531996	60	81	40	22.18	26.08	0.406
CP-OFDM 16QAM	2659.98	531996	60	162	0	21.27	25.17	0.329
CP-OFDM 64QAM	2659.98	531996	60	1	0	20.76	24.66	0.292
CP-OFDM 64QAM	2659.98	531996	60	1	161	20.39	24.29	0.269
CP-OFDM 64QAM	2659.98	531996	60	81	40	20.68	24.58	0.287
CP-OFDM 64QAM	2659.98	531996	60	162	0	20.78	24.68	0.294
CP-OFDM 256QAM	2659.98	531996	60	1	0	17.91	21.81	0.152



CP-OFDM 256QAM	2659.98	531996	60	1	161	17.81	21.71	0.148
CP-OFDM 256QAM	2659.98	531996	60	81	40	18.16	22.06	0.161
CP-OFDM 256QAM	2659.98	531996	60	162	0	18.21	22.11	0.163

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	2531.01	506202	70	1	0	23.21	27.11	0.514
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	188	23.18	27.08	0.511
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	90	45	23.19	27.09	0.512
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	180	0	23.20	27.10	0.513
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	22.99	26.89	0.489
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	188	23.16	27.06	0.508
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	90	45	23.14	27.04	0.506
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	180	0	23.01	26.91	0.491
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	0	23.31	27.21	0.526
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	1	188	23.31	27.21	0.526
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	90	45	23.37	27.27	0.533
DFT-s-OFDM PI/2 BPSK	2531.01	506202	70	180	0	23.35	27.25	0.531
DFT-s-OFDM QPSK	2531.01	506202	70	1	0	23.16	27.06	0.508
DFT-s-OFDM QPSK	2531.01	506202	70	1	188	23.42	27.32	0.540
DFT-s-OFDM QPSK	2531.01	506202	70	90	45	23.70	27.60	0.575
DFT-s-OFDM QPSK	2531.01	506202	70	180	0	23.27	27.17	0.521
DFT-s-OFDM QPSK	2531.01	506202	70	1	0	23.40	27.30	0.537
DFT-s-OFDM QPSK	2531.01	506202	70	1	188	23.56	27.46	0.557
DFT-s-OFDM QPSK	2531.01	506202	70	90	45	24.12	28.02	0.634
DFT-s-OFDM QPSK	2531.01	506202	70	180	0	23.45	27.35	0.543
DFT-s-OFDM QPSK	2531.01	506202	70	1	0	23.52	27.42	0.552
DFT-s-OFDM QPSK	2531.01	506202	70	1	188	22.86	26.76	0.474
DFT-s-OFDM QPSK	2531.01	506202	70	90	45	23.88	27.78	0.600
DFT-s-OFDM QPSK	2531.01	506202	70	180	0	23.43	27.33	0.541
DFT-s-OFDM 16QAM	2531.01	506202	70	1	0	22.61	26.51	0.448
DFT-s-OFDM 16QAM	2531.01	506202	70	1	188	22.57	26.47	0.444
DFT-s-OFDM 16QAM	2531.01	506202	70	90	45	22.82	26.72	0.470
DFT-s-OFDM 16QAM	2531.01	506202	70	180	0	22.43	26.33	0.430
DFT-s-OFDM 64QAM	2531.01	506202	70	1	0	21.66	25.56	0.360
DFT-s-OFDM 64QAM	2531.01	506202	70	1	188	21.74	25.64	0.366
DFT-s-OFDM 64QAM	2531.01	506202	70	90	45	21.78	25.68	0.370
DFT-s-OFDM 64QAM	2531.01	506202	70	180	0	22.01	25.91	0.390
DFT-s-OFDM 256QAM	2531.01	506202	70	1	0	19.49	23.39	0.218
DFT-s-OFDM 256QAM	2531.01	506202	70	1	188	19.88	23.78	0.239
DFT-s-OFDM 256QAM	2531.01	506202	70	90	45	19.76	23.66	0.232
DFT-s-OFDM 256QAM	2531.01	506202	70	180	0	18.99	22.89	0.195
CP-OFDM QPSK	2592.99	518598	70	1	0	22.07	25.97	0.395
CP-OFDM QPSK	2592.99	518598	70	1	188	21.97	25.87	0.386
CP-OFDM QPSK	2592.99	518598	70	95	47	21.82	25.72	0.373
CP-OFDM QPSK	2592.99	518598	70	189	0	21.96	25.86	0.385



CP-OFDM 16QAM	2592.99	518598	70	1	0	22.01	25.91	0.390
CP-OFDM 16QAM	2592.99	518598	70	1	188	21.54	25.44	0.350
CP-OFDM 16QAM	2592.99	518598	70	95	47	20.98	24.88	0.308
CP-OFDM 16QAM	2592.99	518598	70	189	0	21.37	25.27	0.337
CP-OFDM 64QAM	2592.99	518598	70	1	0	20.44	24.34	0.272
CP-OFDM 64QAM	2592.99	518598	70	1	188	20.88	24.78	0.301
CP-OFDM 64QAM	2592.99	518598	70	95	47	20.98	24.88	0.308
CP-OFDM 64QAM	2592.99	518598	70	189	0	21.02	24.92	0.310
CP-OFDM 256QAM	2592.99	518598	70	1	0	18.23	22.13	0.163
CP-OFDM 256QAM	2592.99	518598	70	1	188	17.92	21.82	0.152
CP-OFDM 256QAM	2592.99	518598	70	95	47	17.86	21.76	0.150
CP-OFDM 256QAM	2592.99	518598	70	189	0	18.19	22.09	0.162
DFT-s-OFDM 16QAM	2592.99	518598	70	1	0	22.28	26.18	0.415
DFT-s-OFDM 16QAM	2592.99	518598	70	1	188	22.69	26.59	0.456
DFT-s-OFDM 16QAM	2592.99	518598	70	90	45	23.44	27.34	0.542
DFT-s-OFDM 16QAM	2592.99	518598	70	180	0	22.56	26.46	0.443
DFT-s-OFDM 64QAM	2592.99	518598	70	1	0	21.70	25.60	0.363
DFT-s-OFDM 64QAM	2592.99	518598	70	1	188	21.94	25.84	0.384
DFT-s-OFDM 64QAM	2592.99	518598	70	90	45	22.11	26.01	0.399
DFT-s-OFDM 64QAM	2592.99	518598	70	180	0	22.08	25.98	0.396
DFT-s-OFDM 256QAM	2592.99	518598	70	1	0	19.65	23.55	0.226
DFT-s-OFDM 256QAM	2592.99	518598	70	1	188	19.97	23.87	0.244
DFT-s-OFDM 256QAM	2592.99	518598	70	90	45	20.04	23.94	0.248
DFT-s-OFDM 256QAM	2592.99	518598	70	180	0	19.91	23.81	0.240
CP-OFDM QPSK	2592.99	518598	70	1	0	21.51	25.41	0.348
CP-OFDM QPSK	2592.99	518598	70	1	188	21.52	25.42	0.348
CP-OFDM QPSK	2592.99	518598	70	95	47	23.03	26.93	0.493
CP-OFDM QPSK	2592.99	518598	70	189	0	21.33	25.23	0.333
CP-OFDM 16QAM	2592.99	518598	70	1	0	21.28	25.18	0.330
CP-OFDM 16QAM	2592.99	518598	70	1	188	21.52	25.42	0.348
CP-OFDM 16QAM	2592.99	518598	70	95	47	22.45	26.35	0.432
CP-OFDM 16QAM	2592.99	518598	70	189	0	21.49	25.39	0.346
CP-OFDM 64QAM	2655	531000	70	1	0	20.77	24.67	0.293
CP-OFDM 64QAM	2655	531000	70	1	188	21.02	24.92	0.310
CP-OFDM 64QAM	2655	531000	70	95	47	21.02	24.92	0.310
CP-OFDM 64QAM	2655	531000	70	189	0	21.15	25.05	0.320
CP-OFDM 256QAM	2655	531000	70	1	0	17.93	21.83	0.152
CP-OFDM 256QAM	2655	531000	70	1	188	18.05	21.95	0.157
CP-OFDM 256QAM	2655	531000	70	95	47	18.64	22.54	0.179
CP-OFDM 256QAM	2655	531000	70	189	0	18.49	22.39	0.173
DFT-s-OFDM 16QAM	2655	531000	70	1	0	22.58	26.48	0.445
DFT-s-OFDM 16QAM	2655	531000	70	1	188	22.18	26.08	0.406
DFT-s-OFDM 16QAM	2655	531000	70	90	45	23.55	27.45	0.556
DFT-s-OFDM 16QAM	2655	531000	70	180	0	22.63	26.53	0.450
DFT-s-OFDM 64QAM	2655	531000	70	1	0	21.82	25.72	0.373
DFT-s-OFDM 64QAM	2655	531000	70	1	188	21.49	25.39	0.346



DFT-s-OFDM 64QAM	2655	531000	70	90	45	21.85	25.75	0.376
DFT-s-OFDM 64QAM	2655	531000	70	180	0	22.05	25.95	0.394
DFT-s-OFDM 256QAM	2655	531000	70	1	0	19.78	23.68	0.233
DFT-s-OFDM 256QAM	2655	531000	70	1	188	19.51	23.41	0.219
DFT-s-OFDM 256QAM	2655	531000	70	90	45	19.87	23.77	0.238
DFT-s-OFDM 256QAM	2655	531000	70	180	0	20.13	24.03	0.253
CP-OFDM QPSK	2655	531000	70	1	0	21.59	25.49	0.354
CP-OFDM QPSK	2655	531000	70	1	188	21.15	25.05	0.320
CP-OFDM QPSK	2655	531000	70	95	47	22.66	26.56	0.453
CP-OFDM QPSK	2655	531000	70	189	0	21.41	25.31	0.340
CP-OFDM 16QAM	2655	531000	70	1	0	21.38	25.28	0.337
CP-OFDM 16QAM	2655	531000	70	1	188	21.13	25.03	0.318
CP-OFDM 16QAM	2655	531000	70	95	47	22.39	26.29	0.426
CP-OFDM 16QAM	2655	531000	70	189	0	21.38	25.28	0.337
CP-OFDM 64QAM	2655	531000	70	1	0	21.04	24.94	0.312
CP-OFDM 64QAM	2655	531000	70	1	188	20.44	24.34	0.272
CP-OFDM 64QAM	2655	531000	70	95	47	20.86	24.76	0.299
CP-OFDM 64QAM	2655	531000	70	189	0	21.01	24.91	0.310
CP-OFDM 256QAM	2655	531000	70	1	0	18.50	22.40	0.174
CP-OFDM 256QAM	2655	531000	70	1	188	17.73	21.63	0.146
CP-OFDM 256QAM	2655	531000	70	95	47	18.42	22.32	0.171
CP-OFDM 256QAM	2655	531000	70	189	0	18.20	22.10	0.162

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	1	0	23.30	27.20	0.525
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	216	23.10	27.00	0.501
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	108	54	23.10	27.00	0.501
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	216	0	23.13	27.03	0.505
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	23.31	27.21	0.526
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	216	23.22	27.12	0.515
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	108	54	23.20	27.10	0.513
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	216	0	23.19	27.09	0.512
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	23.30	27.20	0.525
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	216	23.31	27.21	0.526
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	108	54	23.36	27.26	0.532
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	216	0	23.33	27.23	0.528
DFT-s-OFDM QPSK	2536.02	507204	80	1	0	23.39	27.29	0.536
DFT-s-OFDM QPSK	2536.02	507204	80	1	216	23.20	27.10	0.513
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	23.73	27.63	0.579
DFT-s-OFDM QPSK	2536.02	507204	80	216	0	23.19	27.09	0.512
DFT-s-OFDM QPSK	2536.02	507204	80	1	0	23.49	27.39	0.548
DFT-s-OFDM QPSK	2536.02	507204	80	1	216	23.57	27.47	0.558
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	23.99	27.89	0.615
DFT-s-OFDM QPSK	2536.02	507204	80	216	0	23.34	27.24	0.530
DFT-s-OFDM QPSK	2536.02	507204	80	1	0	23.40	27.30	0.537



DFT-s-OFDM QPSK	2536.02	507204	80	1	216	23.14	27.04	0.506
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	23.81	27.71	0.590
DFT-s-OFDM QPSK	2536.02	507204	80	216	0	23.31	27.21	0.526
DFT-s-OFDM 16QAM	2536.02	507204	80	1	0	22.07	25.97	0.395
DFT-s-OFDM 16QAM	2536.02	507204	80	1	216	22.22	26.12	0.409
DFT-s-OFDM 16QAM	2536.02	507204	80	108	54	23.15	27.05	0.507
DFT-s-OFDM 16QAM	2536.02	507204	80	216	0	22.33	26.23	0.420
DFT-s-OFDM 64QAM	2536.02	507204	80	1	0	21.59	25.49	0.354
DFT-s-OFDM 64QAM	2536.02	507204	80	1	216	21.77	25.67	0.369
DFT-s-OFDM 64QAM	2536.02	507204	80	108	54	21.63	25.53	0.357
DFT-s-OFDM 64QAM	2536.02	507204	80	216	0	21.75	25.65	0.367
DFT-s-OFDM 256QAM	2536.02	507204	80	1	0	19.69	23.59	0.229
DFT-s-OFDM 256QAM	2536.02	507204	80	1	216	19.72	23.62	0.230
DFT-s-OFDM 256QAM	2536.02	507204	80	108	54	19.83	23.73	0.236
DFT-s-OFDM 256QAM	2536.02	507204	80	216	0	20.11	24.01	0.252
CP-OFDM QPSK	2592.99	518598	80	1	0	21.23	25.13	0.326
CP-OFDM QPSK	2592.99	518598	80	1	216	21.48	25.38	0.345
CP-OFDM QPSK	2592.99	518598	80	109	54	22.85	26.75	0.473
CP-OFDM QPSK	2592.99	518598	80	217	0	21.42	25.32	0.340
CP-OFDM 16QAM	2592.99	518598	80	1	0	21.25	25.15	0.327
CP-OFDM 16QAM	2592.99	518598	80	1	216	21.30	25.20	0.331
CP-OFDM 16QAM	2592.99	518598	80	109	54	22.19	26.09	0.406
CP-OFDM 16QAM	2592.99	518598	80	217	0	21.31	25.21	0.332
CP-OFDM 64QAM	2592.99	518598	80	1	0	20.59	24.49	0.281
CP-OFDM 64QAM	2592.99	518598	80	1	216	20.47	24.37	0.274
CP-OFDM 64QAM	2592.99	518598	80	109	54	20.70	24.60	0.288
CP-OFDM 64QAM	2592.99	518598	80	217	0	20.97	24.87	0.307
CP-OFDM 256QAM	2592.99	518598	80	1	0	17.91	21.81	0.152
CP-OFDM 256QAM	2592.99	518598	80	1	216	17.87	21.77	0.150
CP-OFDM 256QAM	2592.99	518598	80	109	54	18.03	21.93	0.156
CP-OFDM 256QAM	2592.99	518598	80	217	0	18.17	22.07	0.161
DFT-s-OFDM 16QAM	2592.99	518598	80	1	0	22.46	26.36	0.433
DFT-s-OFDM 16QAM	2592.99	518598	80	1	216	22.29	26.19	0.416
DFT-s-OFDM 16QAM	2592.99	518598	80	108	54	23.50	27.40	0.550
DFT-s-OFDM 16QAM	2592.99	518598	80	216	0	22.58	26.48	0.445
DFT-s-OFDM 64QAM	2592.99	518598	80	1	0	21.76	25.66	0.368
DFT-s-OFDM 64QAM	2592.99	518598	80	1	216	21.77	25.67	0.369
DFT-s-OFDM 64QAM	2592.99	518598	80	108	54	22.10	26.00	0.398
DFT-s-OFDM 64QAM	2592.99	518598	80	216	0	22.10	26.00	0.398
DFT-s-OFDM 256QAM	2592.99	518598	80	1	0	19.74	23.64	0.231
DFT-s-OFDM 256QAM	2592.99	518598	80	1	216	19.83	23.73	0.236
DFT-s-OFDM 256QAM	2592.99	518598	80	108	54	19.99	23.89	0.245
DFT-s-OFDM 256QAM	2592.99	518598	80	216	0	20.13	24.03	0.253
CP-OFDM QPSK	2592.99	518598	80	1	0	21.31	25.21	0.332
CP-OFDM QPSK	2592.99	518598	80	1	216	21.58	25.48	0.353
CP-OFDM QPSK	2592.99	518598	80	109	54	22.99	26.89	0.489



CP-OFDM QPSK	2592.99	518598	80	217	0	21.32	25.22	0.333
CP-OFDM 16QAM	2592.99	518598	80	1	0	21.38	25.28	0.337
CP-OFDM 16QAM	2592.99	518598	80	1	216	21.55	25.45	0.351
CP-OFDM 16QAM	2592.99	518598	80	109	54	22.45	26.35	0.432
CP-OFDM 16QAM	2592.99	518598	80	217	0	21.68	25.58	0.361
CP-OFDM 64QAM	2649.99	529998	80	1	0	20.57	24.47	0.280
CP-OFDM 64QAM	2649.99	529998	80	1	216	20.86	24.76	0.299
CP-OFDM 64QAM	2649.99	529998	80	109	54	20.96	24.86	0.306
CP-OFDM 64QAM	2649.99	529998	80	217	0	20.92	24.82	0.303
CP-OFDM 256QAM	2649.99	529998	80	1	0	18.10	22.00	0.158
CP-OFDM 256QAM	2649.99	529998	80	1	216	18.16	22.06	0.161
CP-OFDM 256QAM	2649.99	529998	80	109	54	18.31	22.21	0.166
CP-OFDM 256QAM	2649.99	529998	80	217	0	18.44	22.34	0.171
DFT-s-OFDM 16QAM	2649.99	529998	80	1	0	22.51	26.41	0.438
DFT-s-OFDM 16QAM	2649.99	529998	80	1	216	22.06	25.96	0.394
DFT-s-OFDM 16QAM	2649.99	529998	80	108	54	23.51	27.41	0.551
DFT-s-OFDM 16QAM	2649.99	529998	80	216	0	22.34	26.24	0.421
DFT-s-OFDM 64QAM	2649.99	529998	80	1	0	21.71	25.61	0.364
DFT-s-OFDM 64QAM	2649.99	529998	80	1	216	21.60	25.50	0.355
DFT-s-OFDM 64QAM	2649.99	529998	80	108	54	22.01	25.91	0.390
DFT-s-OFDM 64QAM	2649.99	529998	80	216	0	21.93	25.83	0.383
DFT-s-OFDM 256QAM	2649.99	529998	80	1	0	19.92	23.82	0.241
DFT-s-OFDM 256QAM	2649.99	529998	80	1	216	19.62	23.52	0.225
DFT-s-OFDM 256QAM	2649.99	529998	80	108	54	19.89	23.79	0.239
DFT-s-OFDM 256QAM	2649.99	529998	80	216	0	19.85	23.75	0.237
CP-OFDM QPSK	2649.99	529998	80	1	0	21.47	25.37	0.344
CP-OFDM QPSK	2649.99	529998	80	1	216	21.09	24.99	0.316
CP-OFDM QPSK	2649.99	529998	80	109	54	22.92	26.82	0.481
CP-OFDM QPSK	2649.99	529998	80	217	0	21.35	25.25	0.335
CP-OFDM 16QAM	2649.99	529998	80	1	0	21.37	25.27	0.337
CP-OFDM 16QAM	2649.99	529998	80	1	216	21.00	24.90	0.309
CP-OFDM 16QAM	2649.99	529998	80	109	54	22.26	26.16	0.413
CP-OFDM 16QAM	2649.99	529998	80	217	0	21.42	25.32	0.340
CP-OFDM 64QAM	2649.99	529998	80	1	0	20.72	24.62	0.290
CP-OFDM 64QAM	2649.99	529998	80	1	216	20.41	24.31	0.270
CP-OFDM 64QAM	2649.99	529998	80	109	54	21.01	24.91	0.310
CP-OFDM 64QAM	2649.99	529998	80	217	0	20.98	24.88	0.308
CP-OFDM 256QAM	2649.99	529998	80	1	0	18.23	22.13	0.163
CP-OFDM 256QAM	2649.99	529998	80	1	216	17.85	21.75	0.150
CP-OFDM 256QAM	2649.99	529998	80	109	54	18.59	22.49	0.177
CP-OFDM 256QAM	2649.99	529998	80	217	0	18.41	22.31	0.170

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	1	0	23.12	27.02	0.504
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	244	23.16	27.06	0.508



DFT-s-OFDM PI/2 BPSK	2541	508200	90	120	60	23.22	27.12	0.515
DFT-s-OFDM PI/2 BPSK	2541	508200	90	243	0	23.20	27.10	0.513
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	22.97	26.87	0.486
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	244	23.15	27.05	0.507
DFT-s-OFDM PI/2 BPSK	2541	508200	90	120	60	23.14	27.04	0.506
DFT-s-OFDM PI/2 BPSK	2541	508200	90	243	0	23.17	27.07	0.509
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	23.34	27.24	0.530
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	244	23.34	27.24	0.530
DFT-s-OFDM PI/2 BPSK	2541	508200	90	120	60	23.33	27.23	0.528
DFT-s-OFDM PI/2 BPSK	2541	508200	90	243	0	23.34	27.24	0.530
DFT-s-OFDM QPSK	2541	508200	90	1	0	23.40	27.30	0.537
DFT-s-OFDM QPSK	2541	508200	90	1	244	23.35	27.25	0.531
DFT-s-OFDM QPSK	2541	508200	90	120	60	23.85	27.75	0.596
DFT-s-OFDM QPSK	2541	508200	90	243	0	23.54	27.44	0.555
DFT-s-OFDM QPSK	2541	508200	90	1	0	23.40	27.30	0.537
DFT-s-OFDM QPSK	2541	508200	90	1	244	23.65	27.55	0.569
DFT-s-OFDM QPSK	2541	508200	90	120	60	24.00	27.90	0.617
DFT-s-OFDM QPSK	2541	508200	90	243	0	23.41	27.31	0.538
DFT-s-OFDM QPSK	2541	508200	90	1	0	23.55	27.45	0.556
DFT-s-OFDM QPSK	2541	508200	90	1	244	23.31	27.21	0.526
DFT-s-OFDM QPSK	2541	508200	90	120	60	23.94	27.84	0.608
DFT-s-OFDM QPSK	2541	508200	90	243	0	23.29	27.19	0.524
DFT-s-OFDM 16QAM	2541	508200	90	1	0	22.27	26.17	0.414
DFT-s-OFDM 16QAM	2541	508200	90	1	244	22.56	26.46	0.443
DFT-s-OFDM 16QAM	2541	508200	90	120	60	23.24	27.14	0.518
DFT-s-OFDM 16QAM	2541	508200	90	243	0	22.47	26.37	0.434
DFT-s-OFDM 64QAM	2541	508200	90	1	0	21.50	25.40	0.347
DFT-s-OFDM 64QAM	2541	508200	90	1	244	21.85	25.75	0.376
DFT-s-OFDM 64QAM	2541	508200	90	120	60	22.04	25.94	0.393
DFT-s-OFDM 64QAM	2541	508200	90	243	0	21.79	25.69	0.371
DFT-s-OFDM 256QAM	2541	508200	90	1	0	19.67	23.57	0.228
DFT-s-OFDM 256QAM	2541	508200	90	1	244	19.82	23.72	0.236
DFT-s-OFDM 256QAM	2541	508200	90	120	60	20.06	23.96	0.249
DFT-s-OFDM 256QAM	2541	508200	90	243	0	20.03	23.93	0.247
CP-OFDM QPSK	2592.99	518598	90	1	0	21.54	25.44	0.350
CP-OFDM QPSK	2592.99	518598	90	1	244	21.42	25.32	0.340
CP-OFDM QPSK	2592.99	518598	90	123	61	22.92	26.82	0.481
CP-OFDM QPSK	2592.99	518598	90	245	0	21.44	25.34	0.342
CP-OFDM 16QAM	2592.99	518598	90	1	0	21.47	25.37	0.344
CP-OFDM 16QAM	2592.99	518598	90	1	244	21.58	25.48	0.353
CP-OFDM 16QAM	2592.99	518598	90	123	61	22.29	26.19	0.416
CP-OFDM 16QAM	2592.99	518598	90	245	0	21.55	25.45	0.351
CP-OFDM 64QAM	2592.99	518598	90	1	0	21.08	24.98	0.315
CP-OFDM 64QAM	2592.99	518598	90	1	244	20.86	24.76	0.299
CP-OFDM 64QAM	2592.99	518598	90	123	61	20.76	24.66	0.292
CP-OFDM 64QAM	2592.99	518598	90	245	0	20.91	24.81	0.303



CP-OFDM 256QAM	2592.99	518598	90	1	0	18.04	21.94	0.156
CP-OFDM 256QAM	2592.99	518598	90	1	244	18.19	22.09	0.162
CP-OFDM 256QAM	2592.99	518598	90	123	61	18.26	22.16	0.164
CP-OFDM 256QAM	2592.99	518598	90	245	0	18.42	22.32	0.171
DFT-s-OFDM 16QAM	2592.99	518598	90	1	0	22.57	26.47	0.444
DFT-s-OFDM 16QAM	2592.99	518598	90	1	244	22.69	26.59	0.456
DFT-s-OFDM 16QAM	2592.99	518598	90	120	60	23.33	27.23	0.528
DFT-s-OFDM 16QAM	2592.99	518598	90	243	0	22.53	26.43	0.440
DFT-s-OFDM 64QAM	2592.99	518598	90	1	0	21.86	25.76	0.377
DFT-s-OFDM 64QAM	2592.99	518598	90	1	244	21.84	25.74	0.375
DFT-s-OFDM 64QAM	2592.99	518598	90	120	60	21.96	25.86	0.385
DFT-s-OFDM 64QAM	2592.99	518598	90	243	0	22.12	26.02	0.400
DFT-s-OFDM 256QAM	2592.99	518598	90	1	0	19.82	23.72	0.236
DFT-s-OFDM 256QAM	2592.99	518598	90	1	244	19.85	23.75	0.237
DFT-s-OFDM 256QAM	2592.99	518598	90	120	60	20.05	23.95	0.248
DFT-s-OFDM 256QAM	2592.99	518598	90	243	0	19.95	23.85	0.243
CP-OFDM QPSK	2592.99	518598	90	1	0	21.60	25.50	0.355
CP-OFDM QPSK	2592.99	518598	90	1	244	21.66	25.56	0.360
CP-OFDM QPSK	2592.99	518598	90	123	61	22.88	26.78	0.476
CP-OFDM QPSK	2592.99	518598	90	245	0	21.51	25.41	0.348
CP-OFDM 16QAM	2592.99	518598	90	1	0	21.56	25.46	0.352
CP-OFDM 16QAM	2592.99	518598	90	1	244	21.73	25.63	0.366
CP-OFDM 16QAM	2592.99	518598	90	123	61	22.31	26.21	0.418
CP-OFDM 16QAM	2592.99	518598	90	245	0	21.40	25.30	0.339
CP-OFDM 64QAM	2644.98	528996	90	1	0	20.70	24.60	0.288
CP-OFDM 64QAM	2644.98	528996	90	1	244	21.05	24.95	0.313
CP-OFDM 64QAM	2644.98	528996	90	123	61	20.94	24.84	0.305
CP-OFDM 64QAM	2644.98	528996	90	245	0	20.96	24.86	0.306
CP-OFDM 256QAM	2644.98	528996	90	1	0	18.40	22.30	0.170
CP-OFDM 256QAM	2644.98	528996	90	1	244	18.28	22.18	0.165
CP-OFDM 256QAM	2644.98	528996	90	123	61	18.56	22.46	0.176
CP-OFDM 256QAM	2644.98	528996	90	245	0	18.52	22.42	0.175
DFT-s-OFDM 16QAM	2644.98	528996	90	1	0	22.42	26.32	0.429
DFT-s-OFDM 16QAM	2644.98	528996	90	1	244	22.17	26.07	0.405
DFT-s-OFDM 16QAM	2644.98	528996	90	120	60	23.32	27.22	0.527
DFT-s-OFDM 16QAM	2644.98	528996	90	243	0	22.50	26.40	0.437
DFT-s-OFDM 64QAM	2644.98	528996	90	1	0	21.79	25.69	0.371
DFT-s-OFDM 64QAM	2644.98	528996	90	1	244	21.43	25.33	0.341
DFT-s-OFDM 64QAM	2644.98	528996	90	120	60	21.96	25.86	0.385
DFT-s-OFDM 64QAM	2644.98	528996	90	243	0	22.02	25.92	0.391
DFT-s-OFDM 256QAM	2644.98	528996	90	1	0	19.96	23.86	0.243
DFT-s-OFDM 256QAM	2644.98	528996	90	1	244	19.63	23.53	0.225
DFT-s-OFDM 256QAM	2644.98	528996	90	120	60	19.92	23.82	0.241
DFT-s-OFDM 256QAM	2644.98	528996	90	243	0	20.21	24.11	0.258
CP-OFDM QPSK	2644.98	528996	90	1	0	21.68	25.58	0.361
CP-OFDM QPSK	2644.98	528996	90	1	244	21.38	25.28	0.337



CP-OFDM QPSK	2644.98	528996	90	123	61	22.96	26.86	0.485
CP-OFDM QPSK	2644.98	528996	90	245	0	21.43	25.33	0.341
CP-OFDM 16QAM	2644.98	528996	90	1	0	21.47	25.37	0.344
CP-OFDM 16QAM	2644.98	528996	90	1	244	21.21	25.11	0.324
CP-OFDM 16QAM	2644.98	528996	90	123	61	22.28	26.18	0.415
CP-OFDM 16QAM	2644.98	528996	90	245	0	21.34	25.24	0.334
CP-OFDM 64QAM	2644.98	528996	90	1	0	20.77	24.67	0.293
CP-OFDM 64QAM	2644.98	528996	90	1	244	20.46	24.36	0.273
CP-OFDM 64QAM	2644.98	528996	90	123	61	21.07	24.97	0.314
CP-OFDM 64QAM	2644.98	528996	90	245	0	20.86	24.76	0.299
CP-OFDM 256QAM	2644.98	528996	90	1	0	18.42	22.32	0.171
CP-OFDM 256QAM	2644.98	528996	90	1	244	18.29	22.19	0.166
CP-OFDM 256QAM	2644.98	528996	90	123	61	18.51	22.41	0.174
CP-OFDM 256QAM	2644.98	528996	90	245	0	18.51	22.41	0.174

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	1	0	23.25	27.15	0.519
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	272	23.14	27.04	0.506
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	23.13	27.03	0.505
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	270	0	23.20	27.10	0.513
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	23.20	27.10	0.513
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	272	23.34	27.24	0.530
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	23.12	27.02	0.504
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	270	0	23.27	27.17	0.521
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	23.10	27.00	0.501
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	272	23.30	27.20	0.525
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	23.33	27.23	0.528
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	270	0	23.32	27.22	0.527
DFT-s-OFDM QPSK	2546.01	509202	100	1	0	23.32	27.22	0.527
DFT-s-OFDM QPSK	2546.01	509202	100	1	272	23.63	27.53	0.566
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	23.75	27.65	0.582
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	23.33	27.23	0.528
DFT-s-OFDM QPSK	2546.01	509202	100	1	0	23.40	27.30	0.537
DFT-s-OFDM QPSK	2546.01	509202	100	1	272	23.54	27.44	0.555
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	23.82	27.72	0.592
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	23.59	27.49	0.561
DFT-s-OFDM QPSK	2546.01	509202	100	1	0	23.44	27.34	0.542
DFT-s-OFDM QPSK	2546.01	509202	100	1	272	23.17	27.07	0.509
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	23.74	27.64	0.581
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	22.48	26.38	0.435
DFT-s-OFDM 16QAM	2546.01	509202	100	1	0	22.54	26.44	0.441
DFT-s-OFDM 16QAM	2546.01	509202	100	1	272	22.39	26.29	0.426
DFT-s-OFDM 16QAM	2546.01	509202	100	135	67	22.46	26.36	0.433
DFT-s-OFDM 16QAM	2546.01	509202	100	270	0	21.59	25.49	0.354



DFT-s-OFDM 64QAM	2546.01	509202	100	1	0	21.72	25.62	0.365
DFT-s-OFDM 64QAM	2546.01	509202	100	1	272	21.67	25.57	0.361
DFT-s-OFDM 64QAM	2546.01	509202	100	135	67	21.48	25.38	0.345
DFT-s-OFDM 64QAM	2546.01	509202	100	270	0	19.92	23.82	0.241
DFT-s-OFDM 256QAM	2546.01	509202	100	1	0	20.05	23.95	0.248
DFT-s-OFDM 256QAM	2546.01	509202	100	1	272	19.99	23.89	0.245
DFT-s-OFDM 256QAM	2546.01	509202	100	135	67	20.31	24.21	0.264
DFT-s-OFDM 256QAM	2546.01	509202	100	270	0	22.48	26.38	0.435
CP-OFDM QPSK	2592.99	518598	100	1	0	22.54	26.44	0.441
CP-OFDM QPSK	2592.99	518598	100	1	272	21.44	25.34	0.342
CP-OFDM QPSK	2592.99	518598	100	137	68	22.65	26.55	0.452
CP-OFDM QPSK	2592.99	518598	100	273	0	21.42	25.32	0.340
CP-OFDM 16QAM	2592.99	518598	100	1	0	21.55	25.45	0.351
CP-OFDM 16QAM	2592.99	518598	100	1	272	21.72	25.62	0.365
CP-OFDM 16QAM	2592.99	518598	100	137	68	22.29	26.19	0.416
CP-OFDM 16QAM	2592.99	518598	100	273	0	21.40	25.30	0.339
CP-OFDM 64QAM	2592.99	518598	100	1	0	20.88	24.78	0.301
CP-OFDM 64QAM	2592.99	518598	100	1	272	21.06	24.96	0.313
CP-OFDM 64QAM	2592.99	518598	100	137	68	20.99	24.89	0.308
CP-OFDM 64QAM	2592.99	518598	100	273	0	21.13	25.03	0.318
CP-OFDM 256QAM	2592.99	518598	100	1	0	17.87	21.77	0.150
CP-OFDM 256QAM	2592.99	518598	100	1	272	18.23	22.13	0.163
CP-OFDM 256QAM	2592.99	518598	100	137	68	18.30	22.20	0.166
CP-OFDM 256QAM	2592.99	518598	100	273	0	18.54	22.44	0.175
DFT-s-OFDM 16QAM	2592.99	518598	100	1	0	22.40	26.30	0.427
DFT-s-OFDM 16QAM	2592.99	518598	100	1	272	22.77	26.67	0.465
DFT-s-OFDM 16QAM	2592.99	518598	100	135	67	23.58	27.48	0.560
DFT-s-OFDM 16QAM	2592.99	518598	100	270	0	22.41	26.31	0.428
DFT-s-OFDM 64QAM	2592.99	518598	100	1	0	21.90	25.80	0.380
DFT-s-OFDM 64QAM	2592.99	518598	100	1	272	21.83	25.73	0.374
DFT-s-OFDM 64QAM	2592.99	518598	100	135	67	22.03	25.93	0.392
DFT-s-OFDM 64QAM	2592.99	518598	100	270	0	21.93	25.83	0.383
DFT-s-OFDM 256QAM	2592.99	518598	100	1	0	19.88	23.78	0.239
DFT-s-OFDM 256QAM	2592.99	518598	100	1	272	19.93	23.83	0.242
DFT-s-OFDM 256QAM	2592.99	518598	100	135	67	20.00	23.90	0.245
DFT-s-OFDM 256QAM	2592.99	518598	100	270	0	20.13	24.03	0.253
CP-OFDM QPSK	2592.99	518598	100	1	0	21.34	25.24	0.334
CP-OFDM QPSK	2592.99	518598	100	1	272	21.58	25.48	0.353
CP-OFDM QPSK	2592.99	518598	100	137	68	22.90	26.80	0.479
CP-OFDM QPSK	2592.99	518598	100	273	0	21.62	25.52	0.356
CP-OFDM 16QAM	2592.99	518598	100	1	0	21.68	25.58	0.361
CP-OFDM 16QAM	2592.99	518598	100	1	272	21.64	25.54	0.358
CP-OFDM 16QAM	2592.99	518598	100	137	68	22.48	26.38	0.435
CP-OFDM 16QAM	2592.99	518598	100	273	0	21.61	25.51	0.356
CP-OFDM 64QAM	2640	528000	100	1	0	20.74	24.64	0.291
CP-OFDM 64QAM	2640	528000	100	1	272	21.08	24.98	0.315



CP-OFDM 64QAM	2640	528000	100	137	68	21.04	24.94	0.312
CP-OFDM 64QAM	2640	528000	100	273	0	20.95	24.85	0.305
CP-OFDM 256QAM	2640	528000	100	1	0	18.21	22.11	0.163
CP-OFDM 256QAM	2640	528000	100	1	272	18.22	22.12	0.163
CP-OFDM 256QAM	2640	528000	100	137	68	18.47	22.37	0.173
CP-OFDM 256QAM	2640	528000	100	273	0	18.33	22.23	0.167
DFT-s-OFDM 16QAM	2640	528000	100	1	0	22.30	26.20	0.417
DFT-s-OFDM 16QAM	2640	528000	100	1	272	22.17	26.07	0.405
DFT-s-OFDM 16QAM	2640	528000	100	135	67	23.30	27.20	0.525
DFT-s-OFDM 16QAM	2640	528000	100	270	0	22.58	26.48	0.445
DFT-s-OFDM 64QAM	2640	528000	100	1	0	21.75	25.65	0.367
DFT-s-OFDM 64QAM	2640	528000	100	1	272	21.68	25.58	0.361
DFT-s-OFDM 64QAM	2640	528000	100	135	67	21.92	25.82	0.382
DFT-s-OFDM 64QAM	2640	528000	100	270	0	22.07	25.97	0.395
DFT-s-OFDM 256QAM	2640	528000	100	1	0	19.96	23.86	0.243
DFT-s-OFDM 256QAM	2640	528000	100	1	272	19.63	23.53	0.225
DFT-s-OFDM 256QAM	2640	528000	100	135	67	20.23	24.13	0.259
DFT-s-OFDM 256QAM	2640	528000	100	270	0	20.17	24.07	0.255
CP-OFDM QPSK	2640	528000	100	1	0	21.73	25.63	0.366
CP-OFDM QPSK	2640	528000	100	1	272	21.39	25.29	0.338
CP-OFDM QPSK	2640	528000	100	137	68	22.91	26.81	0.480
CP-OFDM QPSK	2640	528000	100	273	0	21.57	25.47	0.352
CP-OFDM 16QAM	2640	528000	100	1	0	21.53	25.43	0.349
CP-OFDM 16QAM	2640	528000	100	1	272	21.28	25.18	0.330
CP-OFDM 16QAM	2640	528000	100	137	68	22.51	26.41	0.438
CP-OFDM 16QAM	2640	528000	100	273	0	21.56	25.46	0.352
CP-OFDM 64QAM	2640	528000	100	1	0	20.84	24.74	0.298
CP-OFDM 64QAM	2640	528000	100	1	272	20.56	24.46	0.279
CP-OFDM 64QAM	2640	528000	100	137	68	21.06	24.96	0.313
CP-OFDM 64QAM	2640	528000	100	273	0	21.08	24.98	0.315
CP-OFDM 256QAM	2640	528000	100	1	0	18.60	22.50	0.178
CP-OFDM 256QAM	2640	528000	100	1	272	18.40	22.30	0.170
CP-OFDM 256QAM	2640	528000	100	137	68	18.49	22.39	0.173
CP-OFDM 256QAM	2640	528000	100	273	0	18.46	22.36	0.172