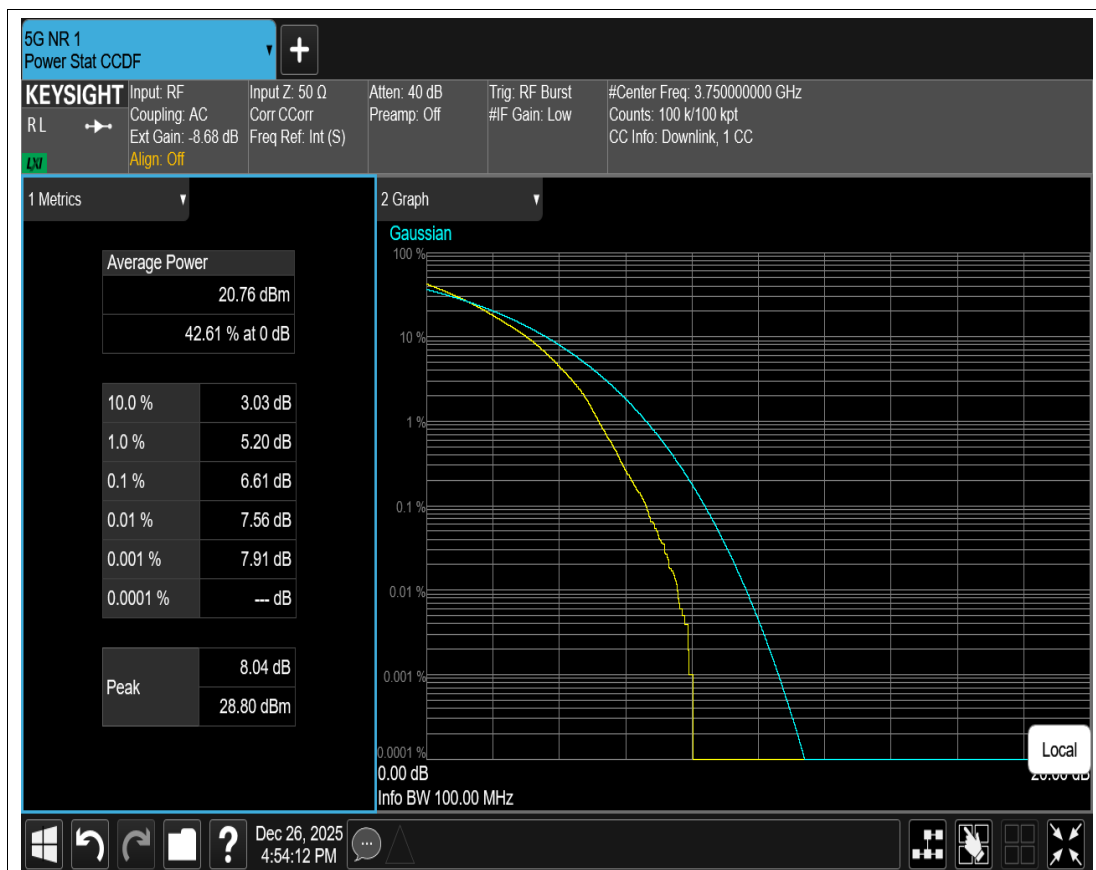




n78(3700-3800) SCS=30kHz DFT_16QAM BW=100MHz Channel=650000 RB=270@0 NVNT



n78(3700-3800) SCS=30kHz DFT_64QAM BW=100MHz Channel=650000 RB=270@0 NVNT



n78(3700-3800) SCS=30kHz DFT_256QAM BW=100MHz Channel=650000 RB=270@0 NVNT



n78(3700-3800) SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0 NVNT



n78(3700-3800) SCS=30kHz CP_16QAM BW=100MHz Channel=650000 RB=273@0 NVNT



n78(3700-3800) SCS=30kHz CP_64QAM BW=100MHz Channel=650000 RB=273@0 NVNT



PC 2

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	PAPR (dB)
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	4.19
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	5.54
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	6.43
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	6.72
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	6.67
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	7.51
n77(3450-3550)	30	20	630668	51@0	CP_16QAM	7.51
n77(3450-3550)	30	20	630668	51@0	CP_64QAM	8.04
n77(3450-3550)	30	20	630668	51@0	CP_256QAM	8.74
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.54
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.17
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	6.06
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	6.56
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	6.64
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	7.04
n77(3450-3550)	30	20	633334	51@0	CP_16QAM	7.1
n77(3450-3550)	30	20	633334	51@0	CP_64QAM	7.49
n77(3450-3550)	30	20	633334	51@0	CP_256QAM	8.61
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	4.64
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	5.3
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	6.24
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	6.64
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	6.55
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	7.15
n77(3450-3550)	30	20	636000	51@0	CP_16QAM	7.18
n77(3450-3550)	30	20	636000	51@0	CP_64QAM	7.65
n77(3450-3550)	30	20	636000	51@0	CP_256QAM	8.49
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	4.51
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	5.26
n77(3450-3550)	30	30	631000	75@0	DFT_16QAM	6.24
n77(3450-3550)	30	30	631000	75@0	DFT_64QAM	6.59
n77(3450-3550)	30	30	631000	75@0	DFT_256QAM	6.72
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	7.37
n77(3450-3550)	30	30	631000	78@0	CP_16QAM	7.4
n77(3450-3550)	30	30	631000	78@0	CP_64QAM	7.94
n77(3450-3550)	30	30	631000	78@0	CP_256QAM	8.57
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	4.25
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	4.84
n77(3450-3550)	30	30	633334	75@0	DFT_16QAM	5.82
n77(3450-3550)	30	30	633334	75@0	DFT_64QAM	6.36
n77(3450-3550)	30	30	633334	75@0	DFT_256QAM	6.71
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	6.92

n77(3450-3550)	30	30	633334	78@0	CP_16QAM	6.97
n77(3450-3550)	30	30	633334	78@0	CP_64QAM	7.46
n77(3450-3550)	30	30	633334	78@0	CP_256QAM	8.47
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	4.4
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	5.06
n77(3450-3550)	30	30	635666	75@0	DFT_16QAM	6.11
n77(3450-3550)	30	30	635666	75@0	DFT_64QAM	6.51
n77(3450-3550)	30	30	635666	75@0	DFT_256QAM	6.6
n77(3450-3550)	30	30	635666	78@0	CP_QPSK	7.17
n77(3450-3550)	30	30	635666	78@0	CP_16QAM	7.16
n77(3450-3550)	30	30	635666	78@0	CP_64QAM	7.7
n77(3450-3550)	30	30	635666	78@0	CP_256QAM	8.4
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	4.54
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	5.29
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	6.27
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	6.59
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	6.75
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	7.35
n77(3450-3550)	30	40	631334	106@0	CP_16QAM	7.45
n77(3450-3550)	30	40	631334	106@0	CP_64QAM	7.81
n77(3450-3550)	30	40	631334	106@0	CP_256QAM	8.61
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	4.3
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	4.89
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	5.89
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	6.38
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	6.73
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	6.84
n77(3450-3550)	30	40	633334	106@0	CP_16QAM	6.96
n77(3450-3550)	30	40	633334	106@0	CP_64QAM	7.39
n77(3450-3550)	30	40	633334	106@0	CP_256QAM	8.55
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	4.57
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	5.25
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	6.21
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	6.54
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	6.62
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	7.2
n77(3450-3550)	30	40	635332	106@0	CP_16QAM	7.36
n77(3450-3550)	30	40	635332	106@0	CP_64QAM	7.78
n77(3450-3550)	30	40	635332	106@0	CP_256QAM	8.47
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	4.73
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	5.45
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	6.31
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	6.68
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	6.72

n77(3450-3550)	30	60	632000	162@0	CP_QPSK	7.42
n77(3450-3550)	30	60	632000	162@0	CP_16QAM	7.41
n77(3450-3550)	30	60	632000	162@0	CP_64QAM	7.99
n77(3450-3550)	30	60	632000	162@0	CP_256QAM	8.48
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	4.62
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	5.22
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	6.12
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	6.62
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	6.68
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	7.13
n77(3450-3550)	30	60	633334	162@0	CP_16QAM	7.13
n77(3450-3550)	30	60	633334	162@0	CP_64QAM	7.76
n77(3450-3550)	30	60	633334	162@0	CP_256QAM	8.45
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	4.42
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	4.85
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	5.79
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	6.37
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	6.65
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	7.72
n77(3450-3550)	30	60	634666	162@0	CP_16QAM	7.67
n77(3450-3550)	30	60	634666	162@0	CP_64QAM	8.21
n77(3450-3550)	30	60	634666	162@0	CP_256QAM	8.46
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	4.74
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	5.26
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	6.18
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	6.58
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	6.63
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	7.22
n77(3450-3550)	30	80	632668	217@0	CP_16QAM	7.22
n77(3450-3550)	30	80	632668	217@0	CP_64QAM	7.76
n77(3450-3550)	30	80	632668	217@0	CP_256QAM	8.39
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	4.62
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.08
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	6.01
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	6.48
n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	6.6
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	7.05
n77(3450-3550)	30	80	633334	217@0	CP_16QAM	7.05
n77(3450-3550)	30	80	633334	217@0	CP_64QAM	7.57
n77(3450-3550)	30	80	633334	217@0	CP_256QAM	8.35
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	4.5
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	4.92
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	5.93
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	6.4

n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	6.6
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	6.88
n77(3450-3550)	30	80	634000	217@0	CP_16QAM	6.86
n77(3450-3550)	30	80	634000	217@0	CP_64QAM	7.45
n77(3450-3550)	30	80	634000	217@0	CP_256QAM	8.36
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	4.48
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	4.92
n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	5.96
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	6.33
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	6.7
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	7.01
n77(3450-3550)	30	100	633334	273@0	CP_16QAM	6.97
n77(3450-3550)	30	100	633334	273@0	CP_64QAM	7.53
n77(3450-3550)	30	100	633334	273@0	CP_256QAM	8.5
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	4.4
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	5.13
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	6.09
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	6.36
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	6.45
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	7.34
n77(3700-3980)	30	20	647334	51@0	CP_16QAM	7.1
n77(3700-3980)	30	20	647334	51@0	CP_64QAM	7.55
n77(3700-3980)	30	20	647334	51@0	CP_256QAM	8.58
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.28
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.16
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	6.03
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	6.25
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	6.47
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	7.25
n77(3700-3980)	30	20	656000	51@0	CP_16QAM	7.2
n77(3700-3980)	30	20	656000	51@0	CP_64QAM	7.66
n77(3700-3980)	30	20	656000	51@0	CP_256QAM	8.72
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	4.39
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	4.88
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	5.87
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	6.32
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	6.63
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	7.27
n77(3700-3980)	30	20	664666	51@0	CP_16QAM	6.97
n77(3700-3980)	30	20	664666	51@0	CP_64QAM	7.5
n77(3700-3980)	30	20	664666	51@0	CP_256QAM	8.87
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	4.28
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	5.08
n77(3700-3980)	30	30	647668	75@0	DFT_16QAM	6.02

n77(3700-3980)	30	30	647668	75@0	DFT_64QAM	6.3
n77(3700-3980)	30	30	647668	75@0	DFT_256QAM	6.48
n77(3700-3980)	30	30	647668	78@0	CP_QPSK	7.18
n77(3700-3980)	30	30	647668	78@0	CP_16QAM	7.19
n77(3700-3980)	30	30	647668	78@0	CP_64QAM	7.71
n77(3700-3980)	30	30	647668	78@0	CP_256QAM	8.59
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	4.25
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	5.1
n77(3700-3980)	30	30	656000	75@0	DFT_16QAM	5.94
n77(3700-3980)	30	30	656000	75@0	DFT_64QAM	6.18
n77(3700-3980)	30	30	656000	75@0	DFT_256QAM	6.5
n77(3700-3980)	30	30	656000	78@0	CP_QPSK	7.24
n77(3700-3980)	30	30	656000	78@0	CP_16QAM	7.23
n77(3700-3980)	30	30	656000	78@0	CP_64QAM	7.72
n77(3700-3980)	30	30	656000	78@0	CP_256QAM	8.71
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	4.34
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	4.84
n77(3700-3980)	30	30	664332	75@0	DFT_16QAM	5.84
n77(3700-3980)	30	30	664332	75@0	DFT_64QAM	6.26
n77(3700-3980)	30	30	664332	75@0	DFT_256QAM	6.56
n77(3700-3980)	30	30	664332	78@0	CP_QPSK	7.01
n77(3700-3980)	30	30	664332	78@0	CP_16QAM	7.02
n77(3700-3980)	30	30	664332	78@0	CP_64QAM	7.52
n77(3700-3980)	30	30	664332	78@0	CP_256QAM	8.61
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	4.35
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	5.15
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	6.11
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	6.37
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	6.58
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	7.15
n77(3700-3980)	30	40	648000	106@0	CP_16QAM	7.25
n77(3700-3980)	30	40	648000	106@0	CP_64QAM	7.66
n77(3700-3980)	30	40	648000	106@0	CP_256QAM	8.89
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	4.29
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	5.19
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	6.06
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	6.26
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	6.57
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	7.21
n77(3700-3980)	30	40	656000	106@0	CP_16QAM	7.3
n77(3700-3980)	30	40	656000	106@0	CP_64QAM	7.72
n77(3700-3980)	30	40	656000	106@0	CP_256QAM	8.41
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	4.48
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	5.08

n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	6.08
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	6.38
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	6.59
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	7.18
n77(3700-3980)	30	40	664000	106@0	CP_16QAM	7.31
n77(3700-3980)	30	40	664000	106@0	CP_64QAM	7.68
n77(3700-3980)	30	40	664000	106@0	CP_256QAM	8.83
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	4.27
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	4.79
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	5.71
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	6.21
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	6.56
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	6.7
n77(3700-3980)	30	60	648668	162@0	CP_16QAM	6.69
n77(3700-3980)	30	60	648668	162@0	CP_64QAM	7.23
n77(3700-3980)	30	60	648668	162@0	CP_256QAM	8.4
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	4.33
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	4.68
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	5.62
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	6.16
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	6.58
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	6.65
n77(3700-3980)	30	60	656000	162@0	CP_16QAM	6.68
n77(3700-3980)	30	60	656000	162@0	CP_64QAM	7.2
n77(3700-3980)	30	60	656000	162@0	CP_256QAM	8.55
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	4.61
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	5.31
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	6.19
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	6.55
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	6.52
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	7.42
n77(3700-3980)	30	60	663332	162@0	CP_16QAM	7.43
n77(3700-3980)	30	60	663332	162@0	CP_64QAM	7.92
n77(3700-3980)	30	60	663332	162@0	CP_256QAM	8.39
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	4.84
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	5.32
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	6.16
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	6.46
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	6.5
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	7.25
n77(3700-3980)	30	80	649334	217@0	CP_16QAM	7.29
n77(3700-3980)	30	80	649334	217@0	CP_64QAM	7.79
n77(3700-3980)	30	80	649334	217@0	CP_256QAM	8.36
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	4.37

n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	4.72
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	5.68
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	6.18
n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	6.5
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	6.66
n77(3700-3980)	30	80	656000	217@0	CP_16QAM	6.68
n77(3700-3980)	30	80	656000	217@0	CP_64QAM	7.22
n77(3700-3980)	30	80	656000	217@0	CP_256QAM	8.38
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	4.9
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	5.26
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	6.22
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	6.47
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	6.45
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	7.37
n77(3700-3980)	30	80	662666	217@0	CP_16QAM	7.4
n77(3700-3980)	30	80	662666	217@0	CP_64QAM	7.89
n77(3700-3980)	30	80	662666	217@0	CP_256QAM	8.31
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	4.73
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	5.24
n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	6.14
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	6.44
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	6.59
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	7.24
n77(3700-3980)	30	100	650000	273@0	CP_16QAM	7.22
n77(3700-3980)	30	100	650000	273@0	CP_64QAM	7.77
n77(3700-3980)	30	100	650000	273@0	CP_256QAM	8.37
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	4.35
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	5.26
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	6.18
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	6.41
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	6.62
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	7.53
n77(3700-3980)	30	100	656000	273@0	CP_16QAM	7.53
n77(3700-3980)	30	100	656000	273@0	CP_64QAM	7.96
n77(3700-3980)	30	100	656000	273@0	CP_256QAM	8.4
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	4.97
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	5.32
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	6.22
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	6.51
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	6.57
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	7.56
n77(3700-3980)	30	100	662000	273@0	CP_16QAM	7.53
n77(3700-3980)	30	100	662000	273@0	CP_64QAM	8.01
n77(3700-3980)	30	100	662000	273@0	CP_256QAM	8.37

n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	4.24
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	4.7
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	5.71
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	6.18
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	6.61
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	7.41
n78(3450-3550)	30	20	630668	51@0	CP_16QAM	7.43
n78(3450-3550)	30	20	630668	51@0	CP_64QAM	7.87
n78(3450-3550)	30	20	630668	51@0	CP_256QAM	8.66
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.46
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	4.95
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	5.93
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	6.43
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	6.64
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	6.83
n78(3450-3550)	30	20	633334	51@0	CP_16QAM	6.89
n78(3450-3550)	30	20	633334	51@0	CP_64QAM	7.37
n78(3450-3550)	30	20	633334	51@0	CP_256QAM	8.64
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	4.58
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	5.17
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	6.09
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	6.52
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	6.56
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	7.01
n78(3450-3550)	30	20	636000	51@0	CP_16QAM	7.04
n78(3450-3550)	30	20	636000	51@0	CP_64QAM	7.5
n78(3450-3550)	30	20	636000	51@0	CP_256QAM	8.53
n78(3450-3550)	30	30	631000	75@0	DFT_BPSK	4.38
n78(3450-3550)	30	30	631000	75@0	DFT_QPSK	5.06
n78(3450-3550)	30	30	631000	75@0	DFT_16QAM	6.12
n78(3450-3550)	30	30	631000	75@0	DFT_64QAM	6.46
n78(3450-3550)	30	30	631000	75@0	DFT_256QAM	6.68
n78(3450-3550)	30	30	631000	78@0	CP_QPSK	7.16
n78(3450-3550)	30	30	631000	78@0	CP_16QAM	7.14
n78(3450-3550)	30	30	631000	78@0	CP_64QAM	7.71
n78(3450-3550)	30	30	631000	78@0	CP_256QAM	8.51
n78(3450-3550)	30	30	633334	75@0	DFT_BPSK	4.17
n78(3450-3550)	30	30	633334	75@0	DFT_QPSK	4.74
n78(3450-3550)	30	30	633334	75@0	DFT_16QAM	5.81
n78(3450-3550)	30	30	633334	75@0	DFT_64QAM	6.28
n78(3450-3550)	30	30	633334	75@0	DFT_256QAM	6.72
n78(3450-3550)	30	30	633334	78@0	CP_QPSK	6.83
n78(3450-3550)	30	30	633334	78@0	CP_16QAM	7.82
n78(3450-3550)	30	30	633334	78@0	CP_64QAM	8.34

n78(3450-3550)	30	30	633334	78@0	CP_256QAM	8.52
n78(3450-3550)	30	30	635666	75@0	DFT_BPSK	4.42
n78(3450-3550)	30	30	635666	75@0	DFT_QPSK	4.98
n78(3450-3550)	30	30	635666	75@0	DFT_16QAM	6.05
n78(3450-3550)	30	30	635666	75@0	DFT_64QAM	6.46
n78(3450-3550)	30	30	635666	75@0	DFT_256QAM	6.6
n78(3450-3550)	30	30	635666	78@0	CP_QPSK	7.11
n78(3450-3550)	30	30	635666	78@0	CP_16QAM	7.11
n78(3450-3550)	30	30	635666	78@0	CP_64QAM	7.67
n78(3450-3550)	30	30	635666	78@0	CP_256QAM	8.41
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	4.4
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	5.12
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	6.13
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	6.46
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	6.7
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	7.1
n78(3450-3550)	30	40	631334	106@0	CP_16QAM	7.19
n78(3450-3550)	30	40	631334	106@0	CP_64QAM	7.64
n78(3450-3550)	30	40	631334	106@0	CP_256QAM	8.55
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	4.22
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	4.77
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	6.51
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	6.7
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	6.74
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	7.69
n78(3450-3550)	30	40	633334	106@0	CP_16QAM	7.81
n78(3450-3550)	30	40	633334	106@0	CP_64QAM	8.21
n78(3450-3550)	30	40	633334	106@0	CP_256QAM	8.54
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	4.49
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	5.15
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	6.14
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	6.52
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	6.65
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	7.1
n78(3450-3550)	30	40	635332	106@0	CP_16QAM	7.23
n78(3450-3550)	30	40	635332	106@0	CP_64QAM	7.71
n78(3450-3550)	30	40	635332	106@0	CP_256QAM	8.48
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	4.66
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	5.4
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	6.23
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	6.66
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	6.67
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	7.36
n78(3450-3550)	30	60	632000	162@0	CP_16QAM	7.35

n78(3450-3550)	30	60	632000	162@0	CP_64QAM	7.85
n78(3450-3550)	30	60	632000	162@0	CP_256QAM	8.41
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	4.54
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	5.05
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	6.09
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	6.58
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	6.68
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	7.05
n78(3450-3550)	30	60	633334	162@0	CP_16QAM	7.09
n78(3450-3550)	30	60	633334	162@0	CP_64QAM	7.65
n78(3450-3550)	30	60	633334	162@0	CP_256QAM	8.43
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	4.69
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	5.63
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	6.4
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	6.7
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	6.68
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	7.64
n78(3450-3550)	30	60	634666	162@0	CP_16QAM	7.66
n78(3450-3550)	30	60	634666	162@0	CP_64QAM	8.15
n78(3450-3550)	30	60	634666	162@0	CP_256QAM	8.46
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	4.67
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	5.19
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	6.13
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	6.56
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	6.59
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	7.13
n78(3450-3550)	30	80	632668	217@0	CP_16QAM	7.16
n78(3450-3550)	30	80	632668	217@0	CP_64QAM	7.73
n78(3450-3550)	30	80	632668	217@0	CP_256QAM	8.34
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	4.55
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.04
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	5.96
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	6.46
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	6.62
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	7
n78(3450-3550)	30	80	633334	217@0	CP_16QAM	7.02
n78(3450-3550)	30	80	633334	217@0	CP_64QAM	7.55
n78(3450-3550)	30	80	633334	217@0	CP_256QAM	8.38
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	4.48
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	4.98
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	5.88
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	6.4
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	6.6
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	6.86

n78(3450-3550)	30	80	634000	217@0	CP_16QAM	6.86
n78(3450-3550)	30	80	634000	217@0	CP_64QAM	7.44
n78(3450-3550)	30	80	634000	217@0	CP_256QAM	8.39
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	4.46
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	4.95
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	5.95
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	6.3
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	6.69
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	6.99
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	7.04
n78(3450-3550)	30	100	633334	273@0	CP_64QAM	7.53
n78(3450-3550)	30	100	633334	273@0	CP_256QAM	8.5
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	3.96
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	4.52
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	5.46
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	5.85
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	6.41
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	6.36
n78(3700-3800)	30	20	647334	51@0	CP_16QAM	6.32
n78(3700-3800)	30	20	647334	51@0	CP_64QAM	7.7
n78(3700-3800)	30	20	647334	51@0	CP_256QAM	8.42
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	4.34
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	5.13
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	5.94
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	6.24
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	6.41
n78(3700-3800)	30	20	650000	51@0	CP_QPSK	7.02
n78(3700-3800)	30	20	650000	51@0	CP_16QAM	7.07
n78(3700-3800)	30	20	650000	51@0	CP_64QAM	7.52
n78(3700-3800)	30	20	650000	51@0	CP_256QAM	8.26
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	4.05
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	4.68
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	5.59
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	6.12
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	6.28
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	6.54
n78(3700-3800)	30	20	652666	51@0	CP_16QAM	6.55
n78(3700-3800)	30	20	652666	51@0	CP_64QAM	7.05
n78(3700-3800)	30	20	652666	51@0	CP_256QAM	8.2
n78(3700-3800)	30	30	647668	75@0	DFT_BPSK	3.82
n78(3700-3800)	30	30	647668	75@0	DFT_QPSK	5.24
n78(3700-3800)	30	30	647668	75@0	DFT_16QAM	6.07
n78(3700-3800)	30	30	647668	75@0	DFT_64QAM	6.27
n78(3700-3800)	30	30	647668	75@0	DFT_256QAM	6.51

n78(3700-3800)	30	30	647668	78@0	CP_QPSK	7.32
n78(3700-3800)	30	30	647668	78@0	CP_16QAM	7.44
n78(3700-3800)	30	30	647668	78@0	CP_64QAM	7.88
n78(3700-3800)	30	30	647668	78@0	CP_256QAM	8.36
n78(3700-3800)	30	30	650000	75@0	DFT_BPSK	4.26
n78(3700-3800)	30	30	650000	75@0	DFT_QPSK	4.93
n78(3700-3800)	30	30	650000	75@0	DFT_16QAM	5.87
n78(3700-3800)	30	30	650000	75@0	DFT_64QAM	6.15
n78(3700-3800)	30	30	650000	75@0	DFT_256QAM	6.46
n78(3700-3800)	30	30	650000	78@0	CP_QPSK	7.02
n78(3700-3800)	30	30	650000	78@0	CP_16QAM	7.02
n78(3700-3800)	30	30	650000	78@0	CP_64QAM	7.62
n78(3700-3800)	30	30	650000	78@0	CP_256QAM	8.14
n78(3700-3800)	30	30	652332	75@0	DFT_BPSK	4
n78(3700-3800)	30	30	652332	75@0	DFT_QPSK	4.59
n78(3700-3800)	30	30	652332	75@0	DFT_16QAM	5.52
n78(3700-3800)	30	30	652332	75@0	DFT_64QAM	5.96
n78(3700-3800)	30	30	652332	75@0	DFT_256QAM	6.4
n78(3700-3800)	30	30	652332	78@0	CP_QPSK	6.67
n78(3700-3800)	30	30	652332	78@0	CP_16QAM	6.61
n78(3700-3800)	30	30	652332	78@0	CP_64QAM	7.19
n78(3700-3800)	30	30	652332	78@0	CP_256QAM	8.21
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	4.34
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	5.27
n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	6.19
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	6.35
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	6.51
n78(3700-3800)	30	40	648000	106@0	CP_QPSK	7.28
n78(3700-3800)	30	40	648000	106@0	CP_16QAM	7.44
n78(3700-3800)	30	40	648000	106@0	CP_64QAM	7.83
n78(3700-3800)	30	40	648000	106@0	CP_256QAM	10.76
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	4.3
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	5.1
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	5.96
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	6.23
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	6.5
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	7.08
n78(3700-3800)	30	40	650000	106@0	CP_16QAM	7.19
n78(3700-3800)	30	40	650000	106@0	CP_64QAM	7.5
n78(3700-3800)	30	40	650000	106@0	CP_256QAM	9.23
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	4.04
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	4.67
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	5.68
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	6.06

n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	6.43
n78(3700-3800)	30	40	652000	106@0	CP_QPSK	6.64
n78(3700-3800)	30	40	652000	106@0	CP_16QAM	6.73
n78(3700-3800)	30	40	652000	106@0	CP_64QAM	7.22
n78(3700-3800)	30	40	652000	106@0	CP_256QAM	8.29
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	4.29
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	4.72
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	5.67
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	6.16
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	6.55
n78(3700-3800)	30	60	648668	162@0	CP_QPSK	6.63
n78(3700-3800)	30	60	648668	162@0	CP_16QAM	6.7
n78(3700-3800)	30	60	648668	162@0	CP_64QAM	7.1
n78(3700-3800)	30	60	648668	162@0	CP_256QAM	8.34
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	4.48
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	5.41
n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	6.11
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	6.49
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	6.47
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	7.26
n78(3700-3800)	30	60	650000	162@0	CP_16QAM	7.32
n78(3700-3800)	30	60	650000	162@0	CP_64QAM	7.76
n78(3700-3800)	30	60	650000	162@0	CP_256QAM	8.21
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	4.35
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	5.28
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	6.1
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	6.39
n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	6.43
n78(3700-3800)	30	60	651332	162@0	CP_QPSK	7.19
n78(3700-3800)	30	60	651332	162@0	CP_16QAM	7.15
n78(3700-3800)	30	60	651332	162@0	CP_64QAM	7.75
n78(3700-3800)	30	60	651332	162@0	CP_256QAM	8.24
n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	4.34
n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	4.64
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	5.62
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	6.12
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	6.5
n78(3700-3800)	30	80	649334	217@0	CP_QPSK	7.44
n78(3700-3800)	30	80	649334	217@0	CP_16QAM	6.65
n78(3700-3800)	30	80	649334	217@0	CP_64QAM	7.87
n78(3700-3800)	30	80	649334	217@0	CP_256QAM	8.39
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	4.87
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	5.36
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	6.23

n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	6.48
n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	6.49
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	7.4
n78(3700-3800)	30	80	650000	217@0	CP_16QAM	7.38
n78(3700-3800)	30	80	650000	217@0	CP_64QAM	7.84
n78(3700-3800)	30	80	650000	217@0	CP_256QAM	8.34
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	4.78
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	5.3
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	6.09
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	6.34
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	6.44
n78(3700-3800)	30	80	650666	217@0	CP_QPSK	7.18
n78(3700-3800)	30	80	650666	217@0	CP_16QAM	7.19
n78(3700-3800)	30	80	650666	217@0	CP_64QAM	7.73
n78(3700-3800)	30	80	650666	217@0	CP_256QAM	8.16
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	4.84
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	5.37
n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	6.18
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	6.48
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	6.59
n78(3700-3800)	30	100	650000	273@0	CP_QPSK	7.37
n78(3700-3800)	30	100	650000	273@0	CP_16QAM	7.36
n78(3700-3800)	30	100	650000	273@0	CP_64QAM	7.83
n78(3700-3800)	30	100	650000	273@0	CP_256QAM	8.4