



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	24.05
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	24.55
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	24.45
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	24.43
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	23.6
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	24.57
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	24.4
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	24.39
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	22.58
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	23.55
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	23.45
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	23.47
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	22.11
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	22.12
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	22.11
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	22.08
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	20.1
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	20.03
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	19.84
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	19.83
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	21.56
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	23.08
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	22.98
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	22.97
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	23.92
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	24.42
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	24.27
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	24.3
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	23.47
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	24.42
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	24.23
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	24.27
n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	22.44
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	23.35
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	23.31
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	23.33



n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	21.97
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	21.96
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	21.82
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	21.84
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	19.96
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	19.93
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	19.88
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	19.86
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	21.4
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	22.94
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	22.9
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	22.91
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	23.95
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	24.45
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	24.38
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	24.32
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	23.47
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	24.48
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	24.34
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	24.27
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	22.45
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	23.41
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	23.43
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	23.37
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	21.97
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	22
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	21.88
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	21.83
n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	19.96
n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	19.98
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	19.98
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	19.92
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	21.44
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	23.01
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	22.98
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	22.88
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	24.09



n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	24.56
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	24.46
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	24.42
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	23.58
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	24.58
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	24.43
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	24.41
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	22.59
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	23.6
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	23.53
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	23.48
n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	22.1
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	22.16
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	21.99
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	21.91
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	20.09
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	20.12
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	20.07
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	20.03
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	21.58
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	23.02
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	22.97
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	22.91
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	23.92
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	24.41
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	24.26
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	24.28
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	23.41
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	24.42
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	24.24
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	24.26
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	22.42
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	23.44
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	23.3
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	23.34
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	21.91
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	21.99



n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	21.78
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	21.8
n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	19.89
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	19.95
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	19.88
n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	19.9
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	21.39
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	22.85
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	22.81
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	22.76
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	23.95
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	24.47
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	24.39
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	24.27
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	23.48
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	24.46
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	24.51
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	24.37
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	22.45
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	23.51
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	23.58
n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	23.45
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	22
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	21.95
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	22.06
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	21.89
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	19.96
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	19.98
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	20.03
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	19.91
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	21.45
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	22.93
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	22.89
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	22.73
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	24.09
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	24.61
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	24.43



n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	24.35
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	23.61
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	24.64
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	24.42
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	24.33
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	22.58
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	23.64
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	23.48
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	23.39
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	22.09
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	22.1
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	21.94
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	21.87
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	20.08
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	20.17
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	20.05
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	19.99
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	21.55
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	23.05
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	23.06
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	22.85
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	23.9
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	24.43
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	24.23
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	24.21
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	23.43
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	24.44
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	24.22
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	24.19
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	22.38
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	23.47
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	23.27
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	23.27
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	21.89
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	21.92
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	21.73
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	21.76



n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	19.91
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	19.97
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	19.82
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	19.84
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	21.37
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	22.88
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	22.77
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	22.68
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	23.98
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	24.49
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	24.41
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	24.22
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	23.47
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	24.53
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	24.31
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	24.16
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	22.46
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	23.53
n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	23.44
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	23.26
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	21.96
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	22.01
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	21.89
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	21.72
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	19.98
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	20.06
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	20
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	19.83
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	21.44
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	22.96
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	22.9
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	22.71
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	23.94
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	24.53
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	24.1
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	23.83
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	23.43



n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	24.54
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	24.21
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	23.88
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	22.44
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	23.53
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	23.3
n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	22.97
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	21.92
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	22.03
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	21.78
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	21.47
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	19.97
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	20.03
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	19.57
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	19.25
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	21.42
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	22.99
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	22.68
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	22.41
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	23.82
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	24.41
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	23.97
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	23.82
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	23.34
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	24.4
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	23.95
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	23.8
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	22.34
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	23.38
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	23.03
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	22.86
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	21.83
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	21.89
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	21.49
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	21.36
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	19.86
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	19.9



n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	19.59
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	19.45
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	21.28
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	22.87
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	22.52
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	22.27
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	23.79
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	24.38
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	23.94
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	23.71
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	23.3
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	24.4
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	23.92
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	23.68
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	22.31
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	23.38
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	23
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	22.73
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	21.79
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	21.88
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	21.47
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	21.22
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	19.82
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	19.93
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	19.57
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	19.34
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	21.27
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	22.87
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	22.4
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	22.18
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	23.89
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	24.43
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	24.29
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	24.02
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	23.4
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	24.46
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	24.3



n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	24.01
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	22.43
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	23.46
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	23.34
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	23.05
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	21.93
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	21.94
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	21.84
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	21.56
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	19.92
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	19.97
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	19.91
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	19.63
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	21.41
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	22.93
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	22.76
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	22.53
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	23.86
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	24.41
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	24.25
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	24.04
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	23.38
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	24.44
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	24.3
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	24.11
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	22.4
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	23.43
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	23.36
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	23.15
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	21.89
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	21.91
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	21.89
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	21.69
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	19.87
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	19.92
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	19.68
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	19.46



n77(3450-3550)	30	50	633334	133@0	CP_QPSK	21.39
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	22.9
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	22.81
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	22.64
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	23.85
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	24.43
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	24.2
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	23.94
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	23.37
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	24.44
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	24.2
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	23.95
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	22.39
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	23.46
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	23.24
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	22.97
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	21.89
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	21.92
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	21.75
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	21.44
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	19.88
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	19.95
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	19.84
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	19.56
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	21.35
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	22.91
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	22.7
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	22.49
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	23.88
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	24.41
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	24.19
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	23.87
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	23.38
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	24.42
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	24.21
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	23.88
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	22.37



n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	23.44
n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	23.25
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	22.94
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	21.88
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	21.92
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	21.72
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	21.41
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	19.85
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	19.93
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	19.94
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	19.61
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	21.35
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	22.88
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	22.66
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	22.33
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	23.84
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	24.4
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	24.16
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	23.88
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	23.36
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	24.41
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	24.1
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	23.81
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	22.34
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	23.41
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	23.14
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	22.89
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	21.85
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	21.94
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	21.66
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	21.39
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	19.86
n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	19.89
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	19.87
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	19.61
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	21.31
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	22.88



n77(3450-3550)	30	60	633334	1@1	CP_QPSK	22.63
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	22.36
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	23.78
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	24.36
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	24.02
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	23.72
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	23.29
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	24.38
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	23.95
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	23.65
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	22.28
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	23.37
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	23.05
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	22.77
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	21.78
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	21.87
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	21.67
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	21.37
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	19.79
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	19.89
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	19.41
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	19.15
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	21.25
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	22.87
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	22.54
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	22.25
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	23.89
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	24.46
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	24.14
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	23.8
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	23.41
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	24.49
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	24.11
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	23.78
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	22.43
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	23.52
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	23.19



n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	22.88
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	21.89
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	21.96
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	21.63
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	21.29
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	19.92
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	20
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	19.91
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	19.58
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	21.33
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	22.89
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	22.64
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	22.48
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	23.91
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	24.47
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	24.15
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	23.82
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	23.43
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	24.48
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	24.1
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	23.79
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	22.44
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	23.47
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	23.23
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	22.87
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	21.93
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	21.95
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	21.65
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	21.3
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	19.91
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	19.94
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	19.73
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	19.4
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	21.34
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	22.9
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	22.65
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	22.27



n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	23.86
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	24.45
n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	24.04
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	23.7
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	23.39
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	24.47
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	24.03
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	23.65
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	22.4
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	23.5
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	23.11
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	22.74
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	21.9
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	21.96
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	21.55
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	21.18
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	19.87
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	19.97
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	19.65
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	19.28
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	21.29
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	22.89
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	22.55
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	22.37
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	23.88
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	24.51
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	24.06
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	23.67
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	23.38
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	24.51
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	24.03
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	23.65
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	22.37
n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	23.54
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	23.11
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	22.73
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	21.87



n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	21.98
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	21.54
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	21.17
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	19.92
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	20.02
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	19.47
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	19.13
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	21.38
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	22.98
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	22.55
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	22.18
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	23.84
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	24.46
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	24.03
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	23.59
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	23.37
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	24.47
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	23.99
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	23.57
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	22.36
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	23.47
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	23.08
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	22.66
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	21.83
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	21.92
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	21.51
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	21.08
n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	19.87
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	19.93
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	19.6
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	19.2
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	21.36
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	22.96
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	22.48
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	22.02
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	23.79
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	24.45



n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	23.98
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	23.54
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	23.32
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	24.46
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	23.97
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	23.55
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	22.33
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	23.47
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	23.06
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	22.59
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	21.78
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	21.94
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	21.43
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	20.96
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	19.81
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	19.92
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	19.68
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	19.22
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	21.3
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	22.96
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	22.44
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	22.03
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	23.83
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	24.41
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	23.83
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	23.42
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	23.33
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	24.45
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	23.82
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	23.42
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	22.32
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	23.43
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	22.88
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	22.45
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	21.85
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	21.93
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	21.34



n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	20.91
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	19.84
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	19.93
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	19.58
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	19.14
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	21.32
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	22.87
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	22.29
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	21.9
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	23.83
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	24.44
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	23.86
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	23.38
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	23.33
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	24.44
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	23.84
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	23.37
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	22.32
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	23.46
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	22.98
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	22.5
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	21.84
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	21.93
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	21.51
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	21.07
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	19.83
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	19.91
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	19.3
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	18.72
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	21.29
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	22.89
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	22.45
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	21.97
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	23.85
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	24.49
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	23.95
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	23.41



n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	23.35
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	24.51
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	23.88
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	23.35
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	22.35
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	23.51
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	22.99
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	22.45
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	21.83
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	21.98
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	21.4
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	20.84
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	19.82
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	19.96
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	19.52
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	19.03
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	21.32
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	22.92
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	22.42
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	21.93
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	23.74
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	24.42
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	23.74
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	23.18
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	23.25
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	24.42
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	23.71
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	23.16
n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	22.27
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	23.45
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	22.78
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	22.25
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	21.76
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	21.9
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	21.22
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	20.67
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	19.76



n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	19.9
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	19.27
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	18.71
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	21.21
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	22.94
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	22.14
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	21.62



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	24.04
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	24.54
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	24.43
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	24.38
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	23.54
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	24.85
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	24.4
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	24.36
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	22.54
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	23.48
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	23.47
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	23.39
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	22.1
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	22.1
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	21.97
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	21.88
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	20.07
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	20.05
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	20.05
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	19.96
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	21.55
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	23.05
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	23.03
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	22.95
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	23.79
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	24.3
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	24.11
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	24.19
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	23.3
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	24.3
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	24.23
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	24.32
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	22.28
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	23.32
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	23.24
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	23.32



n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	21.8
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	21.88
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	21.77
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	21.85
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	19.81
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	19.78
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	19.48
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	19.56
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	21.25
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	22.8
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	22.67
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	22.76
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	23.72
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	24.2
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	24.1
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	24.06
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	23.23
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	24.21
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	24.06
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	24.01
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	22.21
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	23.13
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	23.16
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	23.09
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	21.77
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	21.77
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	21.64
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	21.6
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	19.76
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	19.77
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	19.74
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	19.64
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	21.21
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	22.71
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	22.69
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	22.62
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	24.01



n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	24.5
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	24.39
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	24.31
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	23.52
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	24.53
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	24.4
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	24.29
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	22.52
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	23.54
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	23.47
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	23.36
n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	22.01
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	22.07
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	21.95
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	21.82
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	19.99
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	20.02
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	20.02
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	19.93
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	21.5
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	22.97
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	22.87
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	22.8
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	23.79
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	24.25
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	24.1
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	24.23
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	23.28
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	24.28
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	24.08
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	24.23
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	22.28
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	23.29
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	23.14
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	23.27
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	21.79
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	21.82



n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	21.6
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	21.74
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	19.8
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	19.8
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	19.75
n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	19.85
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	21.27
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	22.72
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	22.6
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	22.72
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	23.73
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	24.2
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	24.08
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	24.01
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	23.23
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	24.23
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	24.04
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	23.97
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	22.22
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	23.26
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	23.15
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	23.06
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	21.71
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	21.76
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	21.6
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	21.53
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	19.75
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	19.77
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	19.74
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	19.62
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	21.21
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	22.67
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	22.63
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	22.55
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	23.92
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	24.44
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	24.32



n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	24.16
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	23.43
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	24.47
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	24.33
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	24.16
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	22.44
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	23.45
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	23.38
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	23.2
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	21.93
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	21.94
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	21.88
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	21.67
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	19.96
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	19.98
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	19.92
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	19.79
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	21.4
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	22.87
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	22.84
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	22.67
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	23.75
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	24.28
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	24.01
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	24.18
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	23.26
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	24.3
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	23.99
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	24.18
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	22.24
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	23.31
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	23.05
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	23.22
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	21.77
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	21.78
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	21.5
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	21.69



n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	19.79
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	19.83
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	19.63
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	19.85
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	21.22
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	22.74
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	22.56
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	22.71
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	23.71
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	24.22
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	24.04
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	23.96
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	23.21
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	24.24
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	24.01
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	23.92
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	22.19
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	23.27
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	23.08
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	23
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	21.72
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	21.71
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	21.54
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	21.51
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	19.74
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	19.78
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	19.69
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	19.63
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	21.15
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	22.68
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	22.66
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	22.62
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	23.75
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	24.31
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	23.97
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	23.65
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	23.26



n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	24.34
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	23.93
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	23.63
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	22.27
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	23.31
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	22.98
n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	22.68
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	21.75
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	21.79
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	21.47
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	21.15
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	19.76
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	19.8
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	19.59
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	19.25
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	21.23
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	22.77
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	22.39
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	22.11
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	23.7
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	24.26
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	23.57
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	24.04
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	23.19
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	24.29
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	23.66
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	24.14
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	22.19
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	23.27
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	22.7
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	23.18
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	21.68
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	21.76
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	21.2
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	21.69
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	19.71
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	19.76



n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	18.93
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	19.4
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	21.21
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	22.76
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	22.11
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	22.59
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	23.7
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	24.24
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	23.71
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	23.66
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	23.19
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	24.28
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	23.67
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	23.61
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	22.19
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	23.24
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	22.77
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	22.71
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	21.69
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	21.74
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	21.21
n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	21.17
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	19.72
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	19.81
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	19.34
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	19.31
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	21.14
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	22.71
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	22.2
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	22.14
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	23.73
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	24.31
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	24.17
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	23.91
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	23.23
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	24.34
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	24.15



n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	23.88
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	22.26
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	23.33
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	23.23
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	23
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	21.76
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	21.8
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	21.68
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	21.45
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	19.71
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	19.8
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	19.74
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	19.49
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	21.24
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	22.8
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	22.64
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	22.39
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	23.73
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	24.33
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	23.74
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	24.33
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	23.25
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	24.34
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	23.68
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	24.32
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	22.26
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	23.35
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	22.78
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	23.38
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	21.76
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	21.81
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	21.24
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	21.82
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	19.74
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	19.83
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	19.31
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	19.91



n77(3700-3980)	30	50	656000	133@0	CP_QPSK	21.27
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	22.8
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	22.26
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	22.84
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	23.64
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	24.21
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	23.83
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	23.83
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	23.15
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	24.23
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	23.82
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	23.81
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	22.15
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	23.25
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	22.87
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	22.88
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	21.68
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	21.73
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	21.34
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	21.4
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	19.65
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	19.76
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	19.32
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	19.27
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	21.13
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	22.7
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	22.38
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	22.45
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	23.67
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	24.23
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	24.02
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	23.81
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	23.15
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	24.23
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	24
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	23.8
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	22.17



n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	23.23
n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	23
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	22.8
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	21.67
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	21.75
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	21.5
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	21.3
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	19.65
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	19.69
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	19.73
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	19.55
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	21.15
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	22.69
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	22.62
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	22.28
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	23.73
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	24.3
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	23.53
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	24.21
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	23.24
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	24.32
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	23.53
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	24.2
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	22.24
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	23.32
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	22.59
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	23.26
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	21.74
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	21.82
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	21.06
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	21.71
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	19.73
n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	19.8
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	19.27
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	19.92
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	21.21
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	22.79



n77(3700-3980)	30	60	656000	1@1	CP_QPSK	22.05
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	22.83
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	23.56
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	24.19
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	23.67
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	23.73
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	23.1
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	24.2
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	23.61
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	23.64
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	22.08
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	23.19
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	22.66
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	22.69
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	21.59
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	21.71
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	21.16
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	21.18
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	19.6
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	19.71
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	19.27
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	19.33
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	21.07
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	22.66
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	22.13
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	22.17
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	23.85
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	24.33
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	24.02
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	23.93
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	23.35
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	24.36
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	24.03
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	23.9
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	22.36
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	23.37
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	23.12



n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	23
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	21.84
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	21.82
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	21.53
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	21.44
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	19.82
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	19.9
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	19.8
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	19.69
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	21.24
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	22.78
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	22.53
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	22.42
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	23.75
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	24.33
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	23.46
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	24.2
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	23.25
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	24.34
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	23.45
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	24.17
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	22.27
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	23.35
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	22.56
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	23.29
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	21.77
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	21.84
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	21.07
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	21.8
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	19.76
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	19.85
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	18.99
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	19.62
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	21.22
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	22.83
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	21.97
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	22.72



n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	23.7
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	24.24
n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	23.63
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	23.7
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	23.21
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	24.27
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	23.6
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	23.69
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	22.22
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	23.3
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	22.68
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	22.77
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	21.7
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	21.76
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	21.11
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	21.2
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	19.73
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	19.82
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	19.23
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	19.31
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	21.14
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	22.71
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	22.16
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	22.24
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	23.76
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	24.33
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	23.86
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	23.87
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	23.25
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	24.37
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	23.85
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	23.85
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	22.24
n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	23.35
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	22.93
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	22.93
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	21.74



n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	21.83
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	21.35
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	21.37
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	19.76
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	19.84
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	19.66
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	19.64
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	21.23
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	22.83
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	22.35
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	22.34
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	23.72
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	24.35
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	23.25
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	24.1
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	23.23
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	24.38
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	23.21
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	24.05
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	22.22
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	23.37
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	22.3
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	23.13
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	21.73
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	21.82
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	20.72
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	21.59
n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	19.74
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	19.84
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	18.78
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	19.67
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	21.2
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	22.86
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	21.73
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	22.56
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	23.6
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	24.25



n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	23.44
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	23.54
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	23.09
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	24.26
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	23.43
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	23.52
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	22.11
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	23.23
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	22.61
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	22.71
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	21.63
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	21.75
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	21.06
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	21.14
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	19.67
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	19.78
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	18.98
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	19.11
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	21.09
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	22.69
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	21.98
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	22.07
n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	23.77
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	24.34
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	23.73
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	23.86
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	23.27
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	24.37
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	23.71
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	23.85
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	22.27
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	23.36
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	22.78
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	22.92
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	21.78
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	21.83
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	21.22



n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	21.36
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	19.77
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	19.88
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	19.52
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	19.64
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	21.26
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	22.8
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	22.19
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	22.31
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	23.7
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	24.33
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	23.07
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	23.94
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	23.18
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	24.35
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	23.04
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	23.92
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	22.18
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	23.34
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	22.1
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	23
n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	21.7
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	21.83
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	20.55
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	21.42
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	19.71
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	19.83
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	18.61
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	19.56
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	21.17
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	22.79
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	21.59
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	22.46
n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	23.66
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	24.3
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	23.34
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	23.51



n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	23.14
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	24.34
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	23.29
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	23.43
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	22.15
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	23.33
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	22.41
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	22.57
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	21.67
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	21.84
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	20.78
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	20.96
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	19.65
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	19.86
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	19.09
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	19.28
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	21.14
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	22.76
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	21.82
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	22.01
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	23.73
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	24.32
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	23.57
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	23.73
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	23.22
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	24.34
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	23.52
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	23.7
n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	22.21
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	23.35
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	22.73
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	22.87
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	21.73
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	21.81
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	21.17
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	21.32
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	19.72



n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	19.82
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	19.07
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	19.2
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	21.16
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	22.78
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	22.08
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	22.23
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	23.62
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	24.3
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	22.88
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	23.8
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	23.12
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	24.33
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	22.89
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	23.78
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	22.12
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	23.33
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	21.92
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	22.87
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	21.64
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	21.8
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	20.36
n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	21.31
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	19.62
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	19.79
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	18.46
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	19.37
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	21.07
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	22.8
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	21.36
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	22.31
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	23.77
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	24.46
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	23.25
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	23.51
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	23.25
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	24.48



n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	23.21
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	23.49
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	22.25
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	23.49
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	22.33
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	22.56
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	21.77
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	21.97
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	20.75
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	21.02
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	19.77
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	19.96
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	18.88
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	19.12
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	21.21
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	22.96
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	21.83
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	21.99



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	24.76
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	25.28
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	25.14
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	25.13
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	24.31
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	25.3
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	25.14
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	25.14
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	23.31
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	24.25
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	24.2
n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	24.19
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	22.84
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	22.82
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	22.67
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	22.65
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	20.8
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	20.79
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	20.78
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	20.75
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	22.29
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	23.83
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	23.7
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	23.68
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	24.58
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	25.12
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	24.95
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	24.97
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	24.11
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	25.14
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	24.91
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	24.92
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	23.1
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	24.07
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	24.03
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	24.03



n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	22.62
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	22.67
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	22.48
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	22.48
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	20.61
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	20.64
n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	20.56
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	20.57
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	22.08
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	23.67
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	23.61
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	23.6
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	24.63
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	25.1
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	25.05
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	25
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	24.14
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	25.12
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	25.22
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	25.19
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	23.15
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	24.12
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	24.27
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	24.21
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	22.66
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	22.75
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	22.68
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	22.59
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	20.67
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	20.62
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	20.69
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	20.63
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	22.1
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	23.67
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	23.66
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	23.63
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	24.74



n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	25.28
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	25.16
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	25.07
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	24.26
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	25.27
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	25.16
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	25.07
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	23.25
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	24.3
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	24.24
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	24.15
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	22.76
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	22.85
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	22.69
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	22.61
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	20.74
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	20.8
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	20.77
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	20.66
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	22.28
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	23.69
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	23.66
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	23.6
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	24.6
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	25.1
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	24.95
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	24.93
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	24.09
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	25.12
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	24.95
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	24.94
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	23.1
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	24.13
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	24
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	23.97
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	22.58
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	22.67



n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	22.49
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	22.48
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	20.59
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	20.66
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	20.6
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	20.56
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	22.09
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	23.56
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	23.45
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	23.41
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	24.63
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	25.11
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	25.06
n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	24.96
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	24.16
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	25.15
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	25.07
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	25
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	23.15
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	24.16
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	24.1
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	24.04
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	22.65
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	22.7
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	22.6
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	22.49
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	20.66
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	20.69
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	20.75
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	20.62
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	22.12
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	23.56
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	23.52
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	23.43
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	24.74
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	25.27
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	25.12



n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	25
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	24.27
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	25.31
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	25.29
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	25.17
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	23.25
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	24.28
n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	24.34
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	24.23
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	22.76
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	22.77
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	22.77
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	22.69
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	20.76
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	20.77
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	20.49
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	20.35
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	22.26
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	23.72
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	23.67
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	23.56
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	24.57
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	25.1
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	24.88
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	24.86
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	24.09
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	25.13
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	24.84
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	24.84
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	23.04
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	24.16
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	23.96
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	23.95
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	22.56
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	22.59
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	22.42
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	22.39



n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	20.56
n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	20.64
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	20.47
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	20.46
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	22.02
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	23.52
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	23.43
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	23.38
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	24.65
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	25.16
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	25
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	24.88
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	24.17
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	25.21
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	25.01
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	24.9
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	23.15
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	24.21
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	24.06
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	23.96
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	22.65
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	22.67
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	22.58
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	22.43
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	20.64
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	20.75
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	20.64
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	20.51
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	22.1
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	23.62
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	23.52
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	23.4
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	24.69
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	25.26
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	24.83
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	24.54
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	24.21



n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	25.29
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	24.85
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	24.54
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	23.22
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	24.25
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	23.9
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	23.61
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	22.69
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	22.74
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	22.36
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	22.06
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	20.73
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	20.76
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	20.44
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	20.17
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	22.17
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	23.72
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	23.27
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	22.99
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	24.55
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	25.15
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	24.72
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	24.49
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	24.07
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	25.17
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	24.65
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	24.43
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	23.08
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	24.17
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	23.76
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	23.55
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	22.56
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	22.61
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	22.19
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	21.97
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	20.61
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	20.66



n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	20.33
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	20.08
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	22.04
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	23.62
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	23.15
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	22.94
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	24.52
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	25.09
n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	24.69
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	24.44
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	24.04
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	25.13
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	24.81
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	24.52
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	23.03
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	24.12
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	23.88
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	23.6
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	22.54
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	22.6
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	22.35
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	22.08
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	20.54
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	20.59
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	20.33
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	20.04
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	22
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	23.55
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	23.15
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	22.87
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	24.65
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	25.19
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	25.04
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	24.79
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	24.17
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	25.23
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	25.05



n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	24.78
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	23.2
n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	24.24
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	24.1
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	23.85
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	22.68
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	22.71
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	22.6
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	22.34
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	20.68
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	20.7
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	20.65
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	20.4
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	22.19
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	23.67
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	23.51
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	23.29
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	24.58
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	25.17
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	24.96
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	24.73
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	24.09
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	25.21
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	24.98
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	24.75
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	23.12
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	24.22
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	24.02
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	23.8
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	22.63
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	22.66
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	22.49
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	22.27
n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	20.59
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	20.67
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	20.58
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	20.35



n78(3450-3550)	30	50	633334	133@0	CP_QPSK	22.1
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	23.65
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	23.5
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	23.19
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	24.58
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	25.11
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	24.99
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	24.67
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	24.09
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	25.13
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	24.99
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	24.68
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	23.12
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	24.16
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	24.04
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	23.75
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	22.61
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	22.63
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	22.53
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	22.2
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	20.58
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	20.63
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	20.61
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	20.3
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	22.08
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	23.6
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	23.6
n78(3450-3550)	30	50	635000	1@131	CP_QPSK	23.22
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	24.59
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	25.16
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	25.01
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	24.61
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	24.13
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	25.19
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	25.04
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	24.63
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	23.12



n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	24.2
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	24.13
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	23.74
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	22.59
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	22.67
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	22.67
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	22.27
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	20.58
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	20.66
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	20.54
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	20.14
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	22.08
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	23.68
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	23.52
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	23.39
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	24.56
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	25.15
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	24.86
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	24.57
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	24.08
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	25.16
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	24.92
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	24.6
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	23.07
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	24.17
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	23.92
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	23.61
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	22.57
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	22.68
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	22.38
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	22.11
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	20.55
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	20.61
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	20.61
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	20.32
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	22.05
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	23.63



n78(3450-3550)	30	60	633334	1@1	CP_QPSK	23.33
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	23.03
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	24.49
n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	25.06
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	24.78
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	24.47
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	24.02
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	25.1
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	24.72
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	24.39
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	23.01
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	24.09
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	23.79
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	23.43
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	22.5
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	22.61
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	22.3
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	21.94
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	20.49
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	20.53
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	20.51
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	20.18
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	21.98
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	23.54
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	23.24
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	22.87
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	24.56
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	25.07
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	24.8
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	24.37
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	24.09
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	25.13
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	24.78
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	24.35
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	23.1
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	24.12
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	23.9



n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	23.44
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	22.6
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	22.58
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	22.32
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	21.88
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	20.6
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	20.6
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	20.44
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	19.96
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	22.02
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	23.54
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	23.31
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	22.92
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	24.51
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	25.08
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	24.82
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	24.42
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	24.03
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	25.1
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	24.78
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	24.39
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	23.06
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	24.12
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	23.88
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	23.49
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	22.53
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	22.59
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	22.31
n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	21.9
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	20.51
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	20.63
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	20.6
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	20.21
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	21.97
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	23.5
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	23.29
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	22.83



n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	24.49
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	25.07
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	24.72
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	24.32
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	23.98
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	25.09
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	24.73
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	24.34
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	23.02
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	24.1
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	23.93
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	23.57
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	22.51
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	22.56
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	22.25
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	21.85
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	20.52
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	20.62
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	20.51
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	20.14
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	21.94
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	23.52
n78(3450-3550)	30	70	634332	1@1	CP_QPSK	23.21
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	23.07
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	24.54
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	25.16
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	24.73
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	24.27
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	24.05
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	25.19
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	24.71
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	24.24
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	23.06
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	24.19
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	23.8
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	23.33
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	22.54



n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	22.62
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	22.24
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	21.76
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	20.53
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	20.62
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	20.34
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	19.88
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	22.04
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	23.65
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	23.21
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	22.76
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	24.49
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	25.08
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	24.72
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	24.2
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	24
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	25.11
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	24.67
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	24.18
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	23.02
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	24.13
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	23.76
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	23.28
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	22.47
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	22.58
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	22.18
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	21.7
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	20.48
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	20.55
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	20.34
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	19.82
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	22
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	23.58
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	23.21
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	22.65
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	24.43
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	25.06



n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	24.64
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	24.17
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	23.95
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	25.07
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	24.59
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	24.14
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	22.97
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	24.09
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	23.62
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	23.13
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	22.43
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	22.55
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	22.12
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	21.62
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	20.42
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	20.53
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	20.25
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	19.73
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	21.94
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	23.58
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	23.08
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	22.85
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	24.47
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	25.07
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	24.55
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	24.02
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	23.96
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	25.09
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	24.56
n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	24.07
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	22.98
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	24.09
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	23.69
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	23.2
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	22.47
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	22.58
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	22.16



n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	21.65
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	20.44
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	20.54
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	20.25
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	19.81
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	21.96
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	23.52
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	23.1
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	22.44
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	24.47
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	25.06
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	24.56
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	23.99
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	23.97
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	25.1
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	24.55
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	24
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	22.98
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	24.1
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	23.57
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	23.02
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	22.46
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	22.57
n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	22.05
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	21.5
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	20.43
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	20.52
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	20.17
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	19.59
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	21.95
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	23.53
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	23
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	22.48
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	24.46
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	25.06
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	24.62
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	24.03



n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	23.97
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	25.09
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	24.56
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	24
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	22.97
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	24.09
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	23.66
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	23.08
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	22.47
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	22.58
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	22.09
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	21.5
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	20.45
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	20.56
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	20.19
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	19.62
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	21.98
n78(3450-3550)	30	90	633666	123@61	CP_QPSK	23.53
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	23.08
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	22.52
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	24.39
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	25.03
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	24.46
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	23.79
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	23.9
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	25.05
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	24.47
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	23.83
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	22.9
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	24.09
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	23.54
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	22.86
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	22.4
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	22.55
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	21.97
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	21.29
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	20.39



n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	20.51
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	20.07
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	19.39
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	21.85
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	23.55
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	23.1
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	22.25



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3700-3800)	30	10	647000	24@0	DFT_BPSK	24.47
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	24.96
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	24.85
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	24.82
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	23.99
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	24.97
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	24.79
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	24.79
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	23
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	23.94
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	23.83
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	23.81
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	22.51
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	22.52
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	22.36
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	22.37
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	20.47
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	20.48
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	20.47
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	20.44
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	21.98
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	23.52
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	23.51
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	23.49
n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	24.28
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	24.78
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	24.62
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	24.65
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	23.8
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	24.8
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	24.58
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	24.62
n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	22.79
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	23.73
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	23.61
n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	23.64



n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	22.31
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	22.34
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	22.16
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	22.17
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	20.29
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	20.29
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	20.23
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	20.23
n78(3700-3800)	30	10	650000	24@0	CP_QPSK	21.8
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	23.3
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	23.24
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	23.3
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	24.44
n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	24.94
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	24.76
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	24.81
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	23.99
n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	24.98
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	24.73
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	24.79
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	22.95
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	23.92
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	23.77
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	23.82
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	22.5
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	22.49
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	22.27
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	22.34
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	20.46
n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	20.45
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	20.37
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	20.41
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	21.94
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	23.47
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	23.37
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	23.44
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	24.48



n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	24.97
n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	24.85
n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	24.79
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	23.99
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	25
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	24.85
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	24.76
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	23
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	24.02
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	23.87
n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	23.83
n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	22.47
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	22.55
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	22.36
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	22.34
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	20.47
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	20.51
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	20.47
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	20.41
n78(3700-3800)	30	15	647168	38@0	CP_QPSK	22
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	23.42
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	23.33
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	23.29
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	24.31
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	24.79
n78(3700-3800)	30	15	650000	1@1	DFT_BPSK	24.64
n78(3700-3800)	30	15	650000	1@36	DFT_BPSK	24.69
n78(3700-3800)	30	15	650000	36@0	DFT_QPSK	23.81
n78(3700-3800)	30	15	650000	18@9	DFT_QPSK	24.82
n78(3700-3800)	30	15	650000	1@1	DFT_QPSK	24.59
n78(3700-3800)	30	15	650000	1@36	DFT_QPSK	24.66
n78(3700-3800)	30	15	650000	36@0	DFT_16QAM	22.83
n78(3700-3800)	30	15	650000	18@9	DFT_16QAM	23.83
n78(3700-3800)	30	15	650000	1@1	DFT_16QAM	23.62
n78(3700-3800)	30	15	650000	1@36	DFT_16QAM	23.67
n78(3700-3800)	30	15	650000	36@0	DFT_64QAM	22.32
n78(3700-3800)	30	15	650000	18@9	DFT_64QAM	22.33



n78(3700-3800)	30	15	650000	1@1	DFT_64QAM	22.16
n78(3700-3800)	30	15	650000	1@36	DFT_64QAM	22.23
n78(3700-3800)	30	15	650000	36@0	DFT_256QAM	20.34
n78(3700-3800)	30	15	650000	18@9	DFT_256QAM	20.33
n78(3700-3800)	30	15	650000	1@1	DFT_256QAM	20.03
n78(3700-3800)	30	15	650000	1@36	DFT_256QAM	20.1
n78(3700-3800)	30	15	650000	38@0	CP_QPSK	21.81
n78(3700-3800)	30	15	650000	19@9	CP_QPSK	23.31
n78(3700-3800)	30	15	650000	1@1	CP_QPSK	23.2
n78(3700-3800)	30	15	650000	1@36	CP_QPSK	23.24
n78(3700-3800)	30	15	652832	36@0	DFT_BPSK	24.38
n78(3700-3800)	30	15	652832	18@9	DFT_BPSK	24.89
n78(3700-3800)	30	15	652832	1@1	DFT_BPSK	24.7
n78(3700-3800)	30	15	652832	1@36	DFT_BPSK	24.78
n78(3700-3800)	30	15	652832	36@0	DFT_QPSK	23.89
n78(3700-3800)	30	15	652832	18@9	DFT_QPSK	24.92
n78(3700-3800)	30	15	652832	1@1	DFT_QPSK	24.79
n78(3700-3800)	30	15	652832	1@36	DFT_QPSK	24.87
n78(3700-3800)	30	15	652832	36@0	DFT_16QAM	22.89
n78(3700-3800)	30	15	652832	18@9	DFT_16QAM	23.96
n78(3700-3800)	30	15	652832	1@1	DFT_16QAM	23.72
n78(3700-3800)	30	15	652832	1@36	DFT_16QAM	23.82
n78(3700-3800)	30	15	652832	36@0	DFT_64QAM	22.38
n78(3700-3800)	30	15	652832	18@9	DFT_64QAM	22.47
n78(3700-3800)	30	15	652832	1@1	DFT_64QAM	22.2
n78(3700-3800)	30	15	652832	1@36	DFT_64QAM	22.33
n78(3700-3800)	30	15	652832	36@0	DFT_256QAM	20.37
n78(3700-3800)	30	15	652832	18@9	DFT_256QAM	20.41
n78(3700-3800)	30	15	652832	1@1	DFT_256QAM	20.32
n78(3700-3800)	30	15	652832	1@36	DFT_256QAM	20.44
n78(3700-3800)	30	15	652832	38@0	CP_QPSK	21.9
n78(3700-3800)	30	15	652832	19@9	CP_QPSK	23.37
n78(3700-3800)	30	15	652832	1@1	CP_QPSK	23.22
n78(3700-3800)	30	15	652832	1@36	CP_QPSK	23.33
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	24.49
n78(3700-3800)	30	20	647334	25@12	DFT_BPSK	24.98
n78(3700-3800)	30	20	647334	1@1	DFT_BPSK	24.77



n78(3700-3800)	30	20	647334	1@49	DFT_BPSK	24.71
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	24.01
n78(3700-3800)	30	20	647334	25@12	DFT_QPSK	25.24
n78(3700-3800)	30	20	647334	1@1	DFT_QPSK	24.76
n78(3700-3800)	30	20	647334	1@49	DFT_QPSK	24.7
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	22.99
n78(3700-3800)	30	20	647334	25@12	DFT_16QAM	24.04
n78(3700-3800)	30	20	647334	1@1	DFT_16QAM	23.79
n78(3700-3800)	30	20	647334	1@49	DFT_16QAM	23.71
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	22.49
n78(3700-3800)	30	20	647334	25@12	DFT_64QAM	22.52
n78(3700-3800)	30	20	647334	1@1	DFT_64QAM	22.36
n78(3700-3800)	30	20	647334	1@49	DFT_64QAM	22.25
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	20.47
n78(3700-3800)	30	20	647334	25@12	DFT_256QAM	20.52
n78(3700-3800)	30	20	647334	1@1	DFT_256QAM	20.43
n78(3700-3800)	30	20	647334	1@49	DFT_256QAM	20.35
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	21.95
n78(3700-3800)	30	20	647334	25@12	CP_QPSK	23.43
n78(3700-3800)	30	20	647334	1@1	CP_QPSK	23.32
n78(3700-3800)	30	20	647334	1@49	CP_QPSK	23.24
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	24.34
n78(3700-3800)	30	20	650000	25@12	DFT_BPSK	24.83
n78(3700-3800)	30	20	650000	1@1	DFT_BPSK	24.63
n78(3700-3800)	30	20	650000	1@49	DFT_BPSK	24.68
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	23.85
n78(3700-3800)	30	20	650000	25@12	DFT_QPSK	24.9
n78(3700-3800)	30	20	650000	1@1	DFT_QPSK	24.57
n78(3700-3800)	30	20	650000	1@49	DFT_QPSK	24.65
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	22.83
n78(3700-3800)	30	20	650000	25@12	DFT_16QAM	23.89
n78(3700-3800)	30	20	650000	1@1	DFT_16QAM	23.61
n78(3700-3800)	30	20	650000	1@49	DFT_16QAM	23.66
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	22.34
n78(3700-3800)	30	20	650000	25@12	DFT_64QAM	22.36
n78(3700-3800)	30	20	650000	1@1	DFT_64QAM	22.15
n78(3700-3800)	30	20	650000	1@49	DFT_64QAM	22.22



n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	20.33
n78(3700-3800)	30	20	650000	25@12	DFT_256QAM	20.38
n78(3700-3800)	30	20	650000	1@1	DFT_256QAM	20.24
n78(3700-3800)	30	20	650000	1@49	DFT_256QAM	20.33
n78(3700-3800)	30	20	650000	51@0	CP_QPSK	21.8
n78(3700-3800)	30	20	650000	25@12	CP_QPSK	23.29
n78(3700-3800)	30	20	650000	1@1	CP_QPSK	23.16
n78(3700-3800)	30	20	650000	1@49	CP_QPSK	23.2
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	24.41
n78(3700-3800)	30	20	652666	25@12	DFT_BPSK	24.92
n78(3700-3800)	30	20	652666	1@1	DFT_BPSK	24.6
n78(3700-3800)	30	20	652666	1@49	DFT_BPSK	24.79
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	23.93
n78(3700-3800)	30	20	652666	25@12	DFT_QPSK	24.95
n78(3700-3800)	30	20	652666	1@1	DFT_QPSK	24.58
n78(3700-3800)	30	20	652666	1@49	DFT_QPSK	24.75
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	22.92
n78(3700-3800)	30	20	652666	25@12	DFT_16QAM	23.96
n78(3700-3800)	30	20	652666	1@1	DFT_16QAM	23.58
n78(3700-3800)	30	20	652666	1@49	DFT_16QAM	23.77
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	22.41
n78(3700-3800)	30	20	652666	25@12	DFT_64QAM	22.46
n78(3700-3800)	30	20	652666	1@1	DFT_64QAM	22.11
n78(3700-3800)	30	20	652666	1@49	DFT_64QAM	22.31
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	20.4
n78(3700-3800)	30	20	652666	25@12	DFT_256QAM	20.44
n78(3700-3800)	30	20	652666	1@1	DFT_256QAM	20.2
n78(3700-3800)	30	20	652666	1@49	DFT_256QAM	20.41
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	21.88
n78(3700-3800)	30	20	652666	25@12	CP_QPSK	23.37
n78(3700-3800)	30	20	652666	1@1	CP_QPSK	23.1
n78(3700-3800)	30	20	652666	1@49	CP_QPSK	23.31
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	24.4
n78(3700-3800)	30	40	648000	50@25	DFT_BPSK	24.95
n78(3700-3800)	30	40	648000	1@1	DFT_BPSK	24.5
n78(3700-3800)	30	40	648000	1@104	DFT_BPSK	24.37
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	23.92



n78(3700-3800)	30	40	648000	50@25	DFT_QPSK	24.98
n78(3700-3800)	30	40	648000	1@1	DFT_QPSK	24.49
n78(3700-3800)	30	40	648000	1@104	DFT_QPSK	24.35
n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	22.96
n78(3700-3800)	30	40	648000	50@25	DFT_16QAM	23.98
n78(3700-3800)	30	40	648000	1@1	DFT_16QAM	23.54
n78(3700-3800)	30	40	648000	1@104	DFT_16QAM	23.37
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	22.41
n78(3700-3800)	30	40	648000	50@25	DFT_64QAM	22.47
n78(3700-3800)	30	40	648000	1@1	DFT_64QAM	22.03
n78(3700-3800)	30	40	648000	1@104	DFT_64QAM	21.88
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	20.45
n78(3700-3800)	30	40	648000	50@25	DFT_256QAM	20.48
n78(3700-3800)	30	40	648000	1@1	DFT_256QAM	20.14
n78(3700-3800)	30	40	648000	1@104	DFT_256QAM	19.97
n78(3700-3800)	30	40	648000	106@0	CP_QPSK	21.87
n78(3700-3800)	30	40	648000	53@26	CP_QPSK	23.43
n78(3700-3800)	30	40	648000	1@1	CP_QPSK	23.01
n78(3700-3800)	30	40	648000	1@104	CP_QPSK	22.86
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	24.38
n78(3700-3800)	30	40	650000	50@25	DFT_BPSK	24.9
n78(3700-3800)	30	40	650000	1@1	DFT_BPSK	24.36
n78(3700-3800)	30	40	650000	1@104	DFT_BPSK	24.48
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	23.9
n78(3700-3800)	30	40	650000	50@25	DFT_QPSK	24.93
n78(3700-3800)	30	40	650000	1@1	DFT_QPSK	24.51
n78(3700-3800)	30	40	650000	1@104	DFT_QPSK	24.58
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	22.9
n78(3700-3800)	30	40	650000	50@25	DFT_16QAM	23.94
n78(3700-3800)	30	40	650000	1@1	DFT_16QAM	23.23
n78(3700-3800)	30	40	650000	1@104	DFT_16QAM	23.39
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	22.38
n78(3700-3800)	30	40	650000	50@25	DFT_64QAM	22.41
n78(3700-3800)	30	40	650000	1@1	DFT_64QAM	21.9
n78(3700-3800)	30	40	650000	1@104	DFT_64QAM	22.01
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	20.42
n78(3700-3800)	30	40	650000	50@25	DFT_256QAM	20.44



n78(3700-3800)	30	40	650000	1@1	DFT_256QAM	20.01
n78(3700-3800)	30	40	650000	1@104	DFT_256QAM	20.13
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	21.86
n78(3700-3800)	30	40	650000	53@26	CP_QPSK	23.39
n78(3700-3800)	30	40	650000	1@1	CP_QPSK	22.86
n78(3700-3800)	30	40	650000	1@104	CP_QPSK	22.99
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	24.32
n78(3700-3800)	30	40	652000	50@25	DFT_BPSK	24.92
n78(3700-3800)	30	40	652000	1@1	DFT_BPSK	24.13
n78(3700-3800)	30	40	652000	1@104	DFT_BPSK	24.61
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	23.85
n78(3700-3800)	30	40	652000	50@25	DFT_QPSK	24.93
n78(3700-3800)	30	40	652000	1@1	DFT_QPSK	24.08
n78(3700-3800)	30	40	652000	1@104	DFT_QPSK	24.56
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	22.86
n78(3700-3800)	30	40	652000	50@25	DFT_16QAM	23.91
n78(3700-3800)	30	40	652000	1@1	DFT_16QAM	23.16
n78(3700-3800)	30	40	652000	1@104	DFT_16QAM	23.62
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	22.35
n78(3700-3800)	30	40	652000	50@25	DFT_64QAM	22.39
n78(3700-3800)	30	40	652000	1@1	DFT_64QAM	21.65
n78(3700-3800)	30	40	652000	1@104	DFT_64QAM	22.12
n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	20.35
n78(3700-3800)	30	40	652000	50@25	DFT_256QAM	20.41
n78(3700-3800)	30	40	652000	1@1	DFT_256QAM	19.77
n78(3700-3800)	30	40	652000	1@104	DFT_256QAM	20.25
n78(3700-3800)	30	40	652000	106@0	CP_QPSK	21.84
n78(3700-3800)	30	40	652000	53@26	CP_QPSK	23.39
n78(3700-3800)	30	40	652000	1@1	CP_QPSK	22.6
n78(3700-3800)	30	40	652000	1@104	CP_QPSK	23.06
n78(3700-3800)	30	50	648334	128@0	DFT_BPSK	24.38
n78(3700-3800)	30	50	648334	64@32	DFT_BPSK	24.97
n78(3700-3800)	30	50	648334	1@1	DFT_BPSK	24.53
n78(3700-3800)	30	50	648334	1@131	DFT_BPSK	24.63
n78(3700-3800)	30	50	648334	128@0	DFT_QPSK	23.9
n78(3700-3800)	30	50	648334	64@32	DFT_QPSK	25.01
n78(3700-3800)	30	50	648334	1@1	DFT_QPSK	24.55



n78(3700-3800)	30	50	648334	1@131	DFT_QPSK	24.59
n78(3700-3800)	30	50	648334	128@0	DFT_16QAM	22.93
n78(3700-3800)	30	50	648334	64@32	DFT_16QAM	24.01
n78(3700-3800)	30	50	648334	1@1	DFT_16QAM	23.78
n78(3700-3800)	30	50	648334	1@131	DFT_16QAM	23.63
n78(3700-3800)	30	50	648334	128@0	DFT_64QAM	22.41
n78(3700-3800)	30	50	648334	64@32	DFT_64QAM	22.47
n78(3700-3800)	30	50	648334	1@1	DFT_64QAM	22.26
n78(3700-3800)	30	50	648334	1@131	DFT_64QAM	22.13
n78(3700-3800)	30	50	648334	128@0	DFT_256QAM	20.4
n78(3700-3800)	30	50	648334	64@32	DFT_256QAM	20.49
n78(3700-3800)	30	50	648334	1@1	DFT_256QAM	20.37
n78(3700-3800)	30	50	648334	1@131	DFT_256QAM	20.24
n78(3700-3800)	30	50	648334	133@0	CP_QPSK	21.9
n78(3700-3800)	30	50	648334	67@33	CP_QPSK	23.44
n78(3700-3800)	30	50	648334	1@1	CP_QPSK	23.19
n78(3700-3800)	30	50	648334	1@131	CP_QPSK	23.09
n78(3700-3800)	30	50	650000	128@0	DFT_BPSK	24.42
n78(3700-3800)	30	50	650000	64@32	DFT_BPSK	24.98
n78(3700-3800)	30	50	650000	1@1	DFT_BPSK	24.62
n78(3700-3800)	30	50	650000	1@131	DFT_BPSK	24.8
n78(3700-3800)	30	50	650000	128@0	DFT_QPSK	23.94
n78(3700-3800)	30	50	650000	64@32	DFT_QPSK	24.99
n78(3700-3800)	30	50	650000	1@1	DFT_QPSK	24.62
n78(3700-3800)	30	50	650000	1@131	DFT_QPSK	24.79
n78(3700-3800)	30	50	650000	128@0	DFT_16QAM	22.97
n78(3700-3800)	30	50	650000	64@32	DFT_16QAM	23.99
n78(3700-3800)	30	50	650000	1@1	DFT_16QAM	23.67
n78(3700-3800)	30	50	650000	1@131	DFT_16QAM	23.83
n78(3700-3800)	30	50	650000	128@0	DFT_64QAM	22.44
n78(3700-3800)	30	50	650000	64@32	DFT_64QAM	22.46
n78(3700-3800)	30	50	650000	1@1	DFT_64QAM	22.16
n78(3700-3800)	30	50	650000	1@131	DFT_64QAM	22.31
n78(3700-3800)	30	50	650000	128@0	DFT_256QAM	20.43
n78(3700-3800)	30	50	650000	64@32	DFT_256QAM	20.47
n78(3700-3800)	30	50	650000	1@1	DFT_256QAM	20.27
n78(3700-3800)	30	50	650000	1@131	DFT_256QAM	20.44



n78(3700-3800)	30	50	650000	133@0	CP_QPSK	21.95
n78(3700-3800)	30	50	650000	67@33	CP_QPSK	23.45
n78(3700-3800)	30	50	650000	1@1	CP_QPSK	23.14
n78(3700-3800)	30	50	650000	1@131	CP_QPSK	23.3
n78(3700-3800)	30	50	651666	128@0	DFT_BPSK	24.34
n78(3700-3800)	30	50	651666	64@32	DFT_BPSK	24.88
n78(3700-3800)	30	50	651666	1@1	DFT_BPSK	24.4
n78(3700-3800)	30	50	651666	1@131	DFT_BPSK	24.86
n78(3700-3800)	30	50	651666	128@0	DFT_QPSK	23.85
n78(3700-3800)	30	50	651666	64@32	DFT_QPSK	24.91
n78(3700-3800)	30	50	651666	1@1	DFT_QPSK	24.38
n78(3700-3800)	30	50	651666	1@131	DFT_QPSK	24.84
n78(3700-3800)	30	50	651666	128@0	DFT_16QAM	22.89
n78(3700-3800)	30	50	651666	64@32	DFT_16QAM	23.91
n78(3700-3800)	30	50	651666	1@1	DFT_16QAM	23.41
n78(3700-3800)	30	50	651666	1@131	DFT_16QAM	23.83
n78(3700-3800)	30	50	651666	128@0	DFT_64QAM	22.38
n78(3700-3800)	30	50	651666	64@32	DFT_64QAM	22.37
n78(3700-3800)	30	50	651666	1@1	DFT_64QAM	21.94
n78(3700-3800)	30	50	651666	1@131	DFT_64QAM	22.39
n78(3700-3800)	30	50	651666	128@0	DFT_256QAM	20.34
n78(3700-3800)	30	50	651666	64@32	DFT_256QAM	20.39
n78(3700-3800)	30	50	651666	1@1	DFT_256QAM	19.93
n78(3700-3800)	30	50	651666	1@131	DFT_256QAM	20.39
n78(3700-3800)	30	50	651666	133@0	CP_QPSK	21.88
n78(3700-3800)	30	50	651666	67@33	CP_QPSK	23.41
n78(3700-3800)	30	50	651666	1@1	CP_QPSK	22.92
n78(3700-3800)	30	50	651666	1@131	CP_QPSK	23.41
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	24.33
n78(3700-3800)	30	60	648668	81@40	DFT_BPSK	24.93
n78(3700-3800)	30	60	648668	1@1	DFT_BPSK	24.27
n78(3700-3800)	30	60	648668	1@160	DFT_BPSK	24.49
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	23.82
n78(3700-3800)	30	60	648668	81@40	DFT_QPSK	24.93
n78(3700-3800)	30	60	648668	1@1	DFT_QPSK	24.29
n78(3700-3800)	30	60	648668	1@160	DFT_QPSK	24.49
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	22.84



n78(3700-3800)	30	60	648668	81@40	DFT_16QAM	23.91
n78(3700-3800)	30	60	648668	1@1	DFT_16QAM	23.45
n78(3700-3800)	30	60	648668	1@160	DFT_16QAM	23.42
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	22.35
n78(3700-3800)	30	60	648668	81@40	DFT_64QAM	22.46
n78(3700-3800)	30	60	648668	1@1	DFT_64QAM	22.16
n78(3700-3800)	30	60	648668	1@160	DFT_64QAM	22.01
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	20.32
n78(3700-3800)	30	60	648668	81@40	DFT_256QAM	20.38
n78(3700-3800)	30	60	648668	1@1	DFT_256QAM	20.25
n78(3700-3800)	30	60	648668	1@160	DFT_256QAM	20.1
n78(3700-3800)	30	60	648668	162@0	CP_QPSK	21.81
n78(3700-3800)	30	60	648668	81@40	CP_QPSK	23.38
n78(3700-3800)	30	60	648668	1@1	CP_QPSK	23.01
n78(3700-3800)	30	60	648668	1@160	CP_QPSK	22.93
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	24.41
n78(3700-3800)	30	60	650000	81@40	DFT_BPSK	24.96
n78(3700-3800)	30	60	650000	1@1	DFT_BPSK	24.46
n78(3700-3800)	30	60	650000	1@160	DFT_BPSK	24.77
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	23.93
n78(3700-3800)	30	60	650000	81@40	DFT_QPSK	24.98
n78(3700-3800)	30	60	650000	1@1	DFT_QPSK	24.49
n78(3700-3800)	30	60	650000	1@160	DFT_QPSK	24.75
n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	22.92
n78(3700-3800)	30	60	650000	81@40	DFT_16QAM	23.99
n78(3700-3800)	30	60	650000	1@1	DFT_16QAM	23.54
n78(3700-3800)	30	60	650000	1@160	DFT_16QAM	23.75
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	22.43
n78(3700-3800)	30	60	650000	81@40	DFT_64QAM	22.5
n78(3700-3800)	30	60	650000	1@1	DFT_64QAM	22.12
n78(3700-3800)	30	60	650000	1@160	DFT_64QAM	22.29
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	20.4
n78(3700-3800)	30	60	650000	81@40	DFT_256QAM	20.44
n78(3700-3800)	30	60	650000	1@1	DFT_256QAM	20.21
n78(3700-3800)	30	60	650000	1@160	DFT_256QAM	20.38
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	21.9
n78(3700-3800)	30	60	650000	81@40	CP_QPSK	23.45



n78(3700-3800)	30	60	650000	1@1	CP_QPSK	23.05
n78(3700-3800)	30	60	650000	1@160	CP_QPSK	23.25
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	24.35
n78(3700-3800)	30	60	651332	81@40	DFT_BPSK	24.92
n78(3700-3800)	30	60	651332	1@1	DFT_BPSK	24.32
n78(3700-3800)	30	60	651332	1@160	DFT_BPSK	24.83
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	23.86
n78(3700-3800)	30	60	651332	81@40	DFT_QPSK	24.93
n78(3700-3800)	30	60	651332	1@1	DFT_QPSK	24.27
n78(3700-3800)	30	60	651332	1@160	DFT_QPSK	24.77
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	22.86
n78(3700-3800)	30	60	651332	81@40	DFT_16QAM	23.91
n78(3700-3800)	30	60	651332	1@1	DFT_16QAM	23.27
n78(3700-3800)	30	60	651332	1@160	DFT_16QAM	23.76
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	22.36
n78(3700-3800)	30	60	651332	81@40	DFT_64QAM	22.44
n78(3700-3800)	30	60	651332	1@1	DFT_64QAM	21.84
n78(3700-3800)	30	60	651332	1@160	DFT_64QAM	22.34
n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	20.34
n78(3700-3800)	30	60	651332	81@40	DFT_256QAM	20.39
n78(3700-3800)	30	60	651332	1@1	DFT_256QAM	20.04
n78(3700-3800)	30	60	651332	1@160	DFT_256QAM	20.53
n78(3700-3800)	30	60	651332	162@0	CP_QPSK	21.84
n78(3700-3800)	30	60	651332	81@40	CP_QPSK	23.38
n78(3700-3800)	30	60	651332	1@1	CP_QPSK	22.78
n78(3700-3800)	30	60	651332	1@160	CP_QPSK	23.25
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	24.4
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	24.95
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	24.56
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	24.51
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	23.93
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	25
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	24.54
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	24.5
n78(3700-3800)	30	70	649000	180@0	DFT_16QAM	22.92
n78(3700-3800)	30	70	649000	90@45	DFT_16QAM	23.99
n78(3700-3800)	30	70	649000	1@1	DFT_16QAM	23.64



n78(3700-3800)	30	70	649000	1@187	DFT_16QAM	23.59
n78(3700-3800)	30	70	649000	180@0	DFT_64QAM	22.41
n78(3700-3800)	30	70	649000	90@45	DFT_64QAM	22.45
n78(3700-3800)	30	70	649000	1@1	DFT_64QAM	22.05
n78(3700-3800)	30	70	649000	1@187	DFT_64QAM	22.02
n78(3700-3800)	30	70	649000	180@0	DFT_256QAM	20.39
n78(3700-3800)	30	70	649000	90@45	DFT_256QAM	20.48
n78(3700-3800)	30	70	649000	1@1	DFT_256QAM	20.3
n78(3700-3800)	30	70	649000	1@187	DFT_256QAM	20.29
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	21.84
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	23.39
n78(3700-3800)	30	70	649000	1@1	CP_QPSK	23.04
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	23.01
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	24.38
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	24.89
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	24.47
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	24.72
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	23.89
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	24.94
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	24.51
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	24.74
n78(3700-3800)	30	70	650000	180@0	DFT_16QAM	22.9
n78(3700-3800)	30	70	650000	90@45	DFT_16QAM	23.91
n78(3700-3800)	30	70	650000	1@1	DFT_16QAM	23.25
n78(3700-3800)	30	70	650000	1@187	DFT_16QAM	23.49
n78(3700-3800)	30	70	650000	180@0	DFT_64QAM	22.4
n78(3700-3800)	30	70	650000	90@45	DFT_64QAM	22.4
n78(3700-3800)	30	70	650000	1@1	DFT_64QAM	21.98
n78(3700-3800)	30	70	650000	1@187	DFT_64QAM	22.23
n78(3700-3800)	30	70	650000	180@0	DFT_256QAM	20.36
n78(3700-3800)	30	70	650000	90@45	DFT_256QAM	20.36
n78(3700-3800)	30	70	650000	1@1	DFT_256QAM	19.85
n78(3700-3800)	30	70	650000	1@187	DFT_256QAM	20.12
n78(3700-3800)	30	70	650000	189@0	CP_QPSK	21.85
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	23.43
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	23.05
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	23.26



n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	24.34
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	24.83
n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	24.27
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	24.78
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	23.84
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	24.87
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	24.25
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	24.8
n78(3700-3800)	30	70	651000	180@0	DFT_16QAM	22.85
n78(3700-3800)	30	70	651000	90@45	DFT_16QAM	23.89
n78(3700-3800)	30	70	651000	1@1	DFT_16QAM	23.2
n78(3700-3800)	30	70	651000	1@187	DFT_16QAM	23.73
n78(3700-3800)	30	70	651000	180@0	DFT_64QAM	22.31
n78(3700-3800)	30	70	651000	90@45	DFT_64QAM	22.32
n78(3700-3800)	30	70	651000	1@1	DFT_64QAM	21.78
n78(3700-3800)	30	70	651000	1@187	DFT_64QAM	22.3
n78(3700-3800)	30	70	651000	180@0	DFT_256QAM	20.32
n78(3700-3800)	30	70	651000	90@45	DFT_256QAM	20.35
n78(3700-3800)	30	70	651000	1@1	DFT_256QAM	19.88
n78(3700-3800)	30	70	651000	1@187	DFT_256QAM	20.36
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	21.84
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	23.34
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	22.73
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	23.27
n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	24.33
n78(3700-3800)	30	80	649334	108@54	DFT_BPSK	24.94
n78(3700-3800)	30	80	649334	1@1	DFT_BPSK	24.4
n78(3700-3800)	30	80	649334	1@215	DFT_BPSK	24.47
n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	23.85
n78(3700-3800)	30	80	649334	108@54	DFT_QPSK	24.95
n78(3700-3800)	30	80	649334	1@1	DFT_QPSK	24.38
n78(3700-3800)	30	80	649334	1@215	DFT_QPSK	24.47
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	22.87
n78(3700-3800)	30	80	649334	108@54	DFT_16QAM	23.98
n78(3700-3800)	30	80	649334	1@1	DFT_16QAM	23.5
n78(3700-3800)	30	80	649334	1@215	DFT_16QAM	23.52
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	22.33



n78(3700-3800)	30	80	649334	108@54	DFT_64QAM	22.41
n78(3700-3800)	30	80	649334	1@1	DFT_64QAM	21.9
n78(3700-3800)	30	80	649334	1@215	DFT_64QAM	21.95
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	20.32
n78(3700-3800)	30	80	649334	108@54	DFT_256QAM	20.42
n78(3700-3800)	30	80	649334	1@1	DFT_256QAM	20.01
n78(3700-3800)	30	80	649334	1@215	DFT_256QAM	20.07
n78(3700-3800)	30	80	649334	217@0	CP_QPSK	21.86
n78(3700-3800)	30	80	649334	109@54	CP_QPSK	23.44
n78(3700-3800)	30	80	649334	1@1	CP_QPSK	22.82
n78(3700-3800)	30	80	649334	1@215	CP_QPSK	22.93
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	24.34
n78(3700-3800)	30	80	650000	108@54	DFT_BPSK	24.94
n78(3700-3800)	30	80	650000	1@1	DFT_BPSK	24.34
n78(3700-3800)	30	80	650000	1@215	DFT_BPSK	24.61
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	23.84
n78(3700-3800)	30	80	650000	108@54	DFT_QPSK	24.96
n78(3700-3800)	30	80	650000	1@1	DFT_QPSK	24.35
n78(3700-3800)	30	80	650000	1@215	DFT_QPSK	24.62
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	22.86
n78(3700-3800)	30	80	650000	108@54	DFT_16QAM	23.99
n78(3700-3800)	30	80	650000	1@1	DFT_16QAM	23.4
n78(3700-3800)	30	80	650000	1@215	DFT_16QAM	23.68
n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	22.32
n78(3700-3800)	30	80	650000	108@54	DFT_64QAM	22.41
n78(3700-3800)	30	80	650000	1@1	DFT_64QAM	21.85
n78(3700-3800)	30	80	650000	1@215	DFT_64QAM	22.1
n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	20.31
n78(3700-3800)	30	80	650000	108@54	DFT_256QAM	20.4
n78(3700-3800)	30	80	650000	1@1	DFT_256QAM	19.93
n78(3700-3800)	30	80	650000	1@215	DFT_256QAM	20.16
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	21.84
n78(3700-3800)	30	80	650000	109@54	CP_QPSK	23.44
n78(3700-3800)	30	80	650000	1@1	CP_QPSK	22.84
n78(3700-3800)	30	80	650000	1@215	CP_QPSK	23.06
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	24.29
n78(3700-3800)	30	80	650666	108@54	DFT_BPSK	24.87



n78(3700-3800)	30	80	650666	1@1	DFT_BPSK	24.17
n78(3700-3800)	30	80	650666	1@215	DFT_BPSK	24.59
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	23.8
n78(3700-3800)	30	80	650666	108@54	DFT_QPSK	24.89
n78(3700-3800)	30	80	650666	1@1	DFT_QPSK	24.14
n78(3700-3800)	30	80	650666	1@215	DFT_QPSK	24.56
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	22.79
n78(3700-3800)	30	80	650666	108@54	DFT_16QAM	23.89
n78(3700-3800)	30	80	650666	1@1	DFT_16QAM	23.21
n78(3700-3800)	30	80	650666	1@215	DFT_16QAM	23.63
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	22.27
n78(3700-3800)	30	80	650666	108@54	DFT_64QAM	22.35
n78(3700-3800)	30	80	650666	1@1	DFT_64QAM	21.69
n78(3700-3800)	30	80	650666	1@215	DFT_64QAM	22.1
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	20.28
n78(3700-3800)	30	80	650666	108@54	DFT_256QAM	20.34
n78(3700-3800)	30	80	650666	1@1	DFT_256QAM	19.74
n78(3700-3800)	30	80	650666	1@215	DFT_256QAM	20.19
n78(3700-3800)	30	80	650666	217@0	CP_QPSK	21.78
n78(3700-3800)	30	80	650666	109@54	CP_QPSK	23.41
n78(3700-3800)	30	80	650666	1@1	CP_QPSK	22.67
n78(3700-3800)	30	80	650666	1@215	CP_QPSK	23.12
n78(3700-3800)	30	90	649668	243@0	DFT_BPSK	24.35
n78(3700-3800)	30	90	649668	120@60	DFT_BPSK	24.91
n78(3700-3800)	30	90	649668	1@1	DFT_BPSK	24.26
n78(3700-3800)	30	90	649668	1@243	DFT_BPSK	24.51
n78(3700-3800)	30	90	649668	243@0	DFT_QPSK	23.86
n78(3700-3800)	30	90	649668	120@60	DFT_QPSK	24.93
n78(3700-3800)	30	90	649668	1@1	DFT_QPSK	24.35
n78(3700-3800)	30	90	649668	1@243	DFT_QPSK	24.62
n78(3700-3800)	30	90	649668	243@0	DFT_16QAM	22.87
n78(3700-3800)	30	90	649668	120@60	DFT_16QAM	23.94
n78(3700-3800)	30	90	649668	1@1	DFT_16QAM	23.03
n78(3700-3800)	30	90	649668	1@243	DFT_16QAM	23.3
n78(3700-3800)	30	90	649668	243@0	DFT_64QAM	22.38
n78(3700-3800)	30	90	649668	120@60	DFT_64QAM	22.4
n78(3700-3800)	30	90	649668	1@1	DFT_64QAM	21.81



n78(3700-3800)	30	90	649668	1@243	DFT_64QAM	22.05
n78(3700-3800)	30	90	649668	243@0	DFT_256QAM	20.37
n78(3700-3800)	30	90	649668	120@60	DFT_256QAM	20.4
n78(3700-3800)	30	90	649668	1@1	DFT_256QAM	19.79
n78(3700-3800)	30	90	649668	1@243	DFT_256QAM	20.04
n78(3700-3800)	30	90	649668	245@0	CP_QPSK	21.87
n78(3700-3800)	30	90	649668	123@61	CP_QPSK	23.4
n78(3700-3800)	30	90	649668	1@1	CP_QPSK	22.78
n78(3700-3800)	30	90	649668	1@243	CP_QPSK	23.03
n78(3700-3800)	30	90	650000	243@0	DFT_BPSK	24.33
n78(3700-3800)	30	90	650000	120@60	DFT_BPSK	24.92
n78(3700-3800)	30	90	650000	1@1	DFT_BPSK	24.24
n78(3700-3800)	30	90	650000	1@243	DFT_BPSK	24.54
n78(3700-3800)	30	90	650000	243@0	DFT_QPSK	23.85
n78(3700-3800)	30	90	650000	120@60	DFT_QPSK	24.95
n78(3700-3800)	30	90	650000	1@1	DFT_QPSK	24.2
n78(3700-3800)	30	90	650000	1@243	DFT_QPSK	24.49
n78(3700-3800)	30	90	650000	243@0	DFT_16QAM	22.85
n78(3700-3800)	30	90	650000	120@60	DFT_16QAM	23.94
n78(3700-3800)	30	90	650000	1@1	DFT_16QAM	23.18
n78(3700-3800)	30	90	650000	1@243	DFT_16QAM	23.47
n78(3700-3800)	30	90	650000	243@0	DFT_64QAM	22.35
n78(3700-3800)	30	90	650000	120@60	DFT_64QAM	22.41
n78(3700-3800)	30	90	650000	1@1	DFT_64QAM	21.78
n78(3700-3800)	30	90	650000	1@243	DFT_64QAM	22.06
n78(3700-3800)	30	90	650000	243@0	DFT_256QAM	20.31
n78(3700-3800)	30	90	650000	120@60	DFT_256QAM	20.4
n78(3700-3800)	30	90	650000	1@1	DFT_256QAM	19.97
n78(3700-3800)	30	90	650000	1@243	DFT_256QAM	20.26
n78(3700-3800)	30	90	650000	245@0	CP_QPSK	21.85
n78(3700-3800)	30	90	650000	123@61	CP_QPSK	23.4
n78(3700-3800)	30	90	650000	1@1	CP_QPSK	22.72
n78(3700-3800)	30	90	650000	1@243	CP_QPSK	22.98
n78(3700-3800)	30	90	650332	243@0	DFT_BPSK	24.31
n78(3700-3800)	30	90	650332	120@60	DFT_BPSK	24.86
n78(3700-3800)	30	90	650332	1@1	DFT_BPSK	24.17
n78(3700-3800)	30	90	650332	1@243	DFT_BPSK	24.49



n78(3700-3800)	30	90	650332	243@0	DFT_QPSK	23.82
n78(3700-3800)	30	90	650332	120@60	DFT_QPSK	24.88
n78(3700-3800)	30	90	650332	1@1	DFT_QPSK	24.09
n78(3700-3800)	30	90	650332	1@243	DFT_QPSK	24.45
n78(3700-3800)	30	90	650332	243@0	DFT_16QAM	22.82
n78(3700-3800)	30	90	650332	120@60	DFT_16QAM	23.86
n78(3700-3800)	30	90	650332	1@1	DFT_16QAM	23.07
n78(3700-3800)	30	90	650332	1@243	DFT_16QAM	23.43
n78(3700-3800)	30	90	650332	243@0	DFT_64QAM	22.33
n78(3700-3800)	30	90	650332	120@60	DFT_64QAM	22.35
n78(3700-3800)	30	90	650332	1@1	DFT_64QAM	21.69
n78(3700-3800)	30	90	650332	1@243	DFT_64QAM	22
n78(3700-3800)	30	90	650332	243@0	DFT_256QAM	20.29
n78(3700-3800)	30	90	650332	120@60	DFT_256QAM	20.33
n78(3700-3800)	30	90	650332	1@1	DFT_256QAM	19.75
n78(3700-3800)	30	90	650332	1@243	DFT_256QAM	20.06
n78(3700-3800)	30	90	650332	245@0	CP_QPSK	21.8
n78(3700-3800)	30	90	650332	123@61	CP_QPSK	23.29
n78(3700-3800)	30	90	650332	1@1	CP_QPSK	22.57
n78(3700-3800)	30	90	650332	1@243	CP_QPSK	22.99
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	24.29
n78(3700-3800)	30	100	650000	135@67	DFT_BPSK	24.91
n78(3700-3800)	30	100	650000	1@1	DFT_BPSK	23.99
n78(3700-3800)	30	100	650000	1@271	DFT_BPSK	24.41
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	23.82
n78(3700-3800)	30	100	650000	135@67	DFT_QPSK	24.93
n78(3700-3800)	30	100	650000	1@1	DFT_QPSK	23.99
n78(3700-3800)	30	100	650000	1@271	DFT_QPSK	24.4
n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	22.81
n78(3700-3800)	30	100	650000	135@67	DFT_16QAM	23.95
n78(3700-3800)	30	100	650000	1@1	DFT_16QAM	23.09
n78(3700-3800)	30	100	650000	1@271	DFT_16QAM	23.41
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	22.31
n78(3700-3800)	30	100	650000	135@67	DFT_64QAM	22.42
n78(3700-3800)	30	100	650000	1@1	DFT_64QAM	21.59
n78(3700-3800)	30	100	650000	1@271	DFT_64QAM	21.86
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	20.29



n78(3700-3800)	30	100	650000	135@67	DFT_256QAM	20.38
n78(3700-3800)	30	100	650000	1@1	DFT_256QAM	19.85
n78(3700-3800)	30	100	650000	1@271	DFT_256QAM	20.13
n78(3700-3800)	30	100	650000	273@0	CP_QPSK	21.78
n78(3700-3800)	30	100	650000	137@68	CP_QPSK	23.43
n78(3700-3800)	30	100	650000	1@1	CP_QPSK	22.52
n78(3700-3800)	30	100	650000	1@271	CP_QPSK	22.85



NSA

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
DC_5A_n78A	30	10	630334	24@0	DFT_BPSK	24.76
DC_5A_n78A	30	10	630334	12@6	DFT_BPSK	25.23
DC_5A_n78A	30	10	630334	1@1	DFT_BPSK	25.12
DC_5A_n78A	30	10	630334	1@22	DFT_BPSK	25.1
DC_5A_n78A	30	10	630334	24@0	DFT_QPSK	24.25
DC_5A_n78A	30	10	630334	12@6	DFT_QPSK	25.25
DC_5A_n78A	30	10	630334	1@1	DFT_QPSK	25.09
DC_5A_n78A	30	10	630334	1@22	DFT_QPSK	25.1
DC_5A_n78A	30	10	630334	24@0	DFT_16QAM	23.3
DC_5A_n78A	30	10	630334	12@6	DFT_16QAM	24.38
DC_5A_n78A	30	10	630334	1@1	DFT_16QAM	24.19
DC_5A_n78A	30	10	630334	1@22	DFT_16QAM	24.18
DC_5A_n78A	30	10	630334	24@0	DFT_64QAM	22.76
DC_5A_n78A	30	10	630334	12@6	DFT_64QAM	22.76
DC_5A_n78A	30	10	630334	1@1	DFT_64QAM	22.77
DC_5A_n78A	30	10	630334	1@22	DFT_64QAM	22.74
DC_5A_n78A	30	10	630334	24@0	DFT_256QAM	20.79
DC_5A_n78A	30	10	630334	12@6	DFT_256QAM	20.72
DC_5A_n78A	30	10	630334	1@1	DFT_256QAM	20.55
DC_5A_n78A	30	10	630334	1@22	DFT_256QAM	20.51
DC_5A_n78A	30	10	630334	24@0	CP_QPSK	22.24
DC_5A_n78A	30	10	630334	12@6	CP_QPSK	23.71
DC_5A_n78A	30	10	630334	1@1	CP_QPSK	23.63
DC_5A_n78A	30	10	630334	1@22	CP_QPSK	23.63
DC_5A_n78A	30	10	633334	24@0	DFT_BPSK	24.56
DC_5A_n78A	30	10	633334	12@6	DFT_BPSK	25.08
DC_5A_n78A	30	10	633334	1@1	DFT_BPSK	24.93
DC_5A_n78A	30	10	633334	1@22	DFT_BPSK	24.96
DC_5A_n78A	30	10	633334	24@0	DFT_QPSK	24.07
DC_5A_n78A	30	10	633334	12@6	DFT_QPSK	25.11
DC_5A_n78A	30	10	633334	1@1	DFT_QPSK	24.9
DC_5A_n78A	30	10	633334	1@22	DFT_QPSK	24.93
DC_5A_n78A	30	10	633334	24@0	DFT_16QAM	23.09
DC_5A_n78A	30	10	633334	12@6	DFT_16QAM	24.19
DC_5A_n78A	30	10	633334	1@1	DFT_16QAM	24
DC_5A_n78A	30	10	633334	1@22	DFT_16QAM	24.04
DC_5A_n78A	30	10	633334	24@0	DFT_64QAM	22.58
DC_5A_n78A	30	10	633334	12@6	DFT_64QAM	22.58
DC_5A_n78A	30	10	633334	1@1	DFT_64QAM	22.58
DC_5A_n78A	30	10	633334	1@22	DFT_64QAM	22.58
DC_5A_n78A	30	10	633334	24@0	DFT_256QAM	20.57
DC_5A_n78A	30	10	633334	12@6	DFT_256QAM	20.5
DC_5A_n78A	30	10	633334	1@1	DFT_256QAM	20.45
DC_5A_n78A	30	10	633334	1@22	DFT_256QAM	20.46
DC_5A_n78A	30	10	633334	24@0	CP_QPSK	22.03
DC_5A_n78A	30	10	633334	12@6	CP_QPSK	23.55
DC_5A_n78A	30	10	633334	1@1	CP_QPSK	23.35
DC_5A_n78A	30	10	633334	1@22	CP_QPSK	23.35
DC_5A_n78A	30	10	636332	24@0	DFT_BPSK	24.61
DC_5A_n78A	30	10	636332	12@6	DFT_BPSK	25.07
DC_5A_n78A	30	10	636332	1@1	DFT_BPSK	25.03
DC_5A_n78A	30	10	636332	1@22	DFT_BPSK	24.99
DC_5A_n78A	30	10	636332	24@0	DFT_QPSK	24.11
DC_5A_n78A	30	10	636332	12@6	DFT_QPSK	25.1



DC_5A_n78A	30	10	636332	1@1	DFT_QPSK	25
DC_5A_n78A	30	10	636332	1@22	DFT_QPSK	24.98
DC_5A_n78A	30	10	636332	24@0	DFT_16QAM	23.13
DC_5A_n78A	30	10	636332	12@6	DFT_16QAM	24.2
DC_5A_n78A	30	10	636332	1@1	DFT_16QAM	24.13
DC_5A_n78A	30	10	636332	1@22	DFT_16QAM	24.08
DC_5A_n78A	30	10	636332	24@0	DFT_64QAM	22.62
DC_5A_n78A	30	10	636332	12@6	DFT_64QAM	22.62
DC_5A_n78A	30	10	636332	1@1	DFT_64QAM	22.66
DC_5A_n78A	30	10	636332	1@22	DFT_64QAM	22.63
DC_5A_n78A	30	10	636332	24@0	DFT_256QAM	20.61
DC_5A_n78A	30	10	636332	12@6	DFT_256QAM	20.56
DC_5A_n78A	30	10	636332	1@1	DFT_256QAM	20.48
DC_5A_n78A	30	10	636332	1@22	DFT_256QAM	20.43
DC_5A_n78A	30	10	636332	24@0	CP_QPSK	22.09
DC_5A_n78A	30	10	636332	12@6	CP_QPSK	23.57
DC_5A_n78A	30	10	636332	1@1	CP_QPSK	23.52
DC_5A_n78A	30	10	636332	1@22	CP_QPSK	23.49
DC_5A_n78A	30	15	630500	36@0	DFT_BPSK	24.75
DC_5A_n78A	30	15	630500	18@9	DFT_BPSK	25.25
DC_5A_n78A	30	15	630500	1@1	DFT_BPSK	25.14
DC_5A_n78A	30	15	630500	1@36	DFT_BPSK	25.06
DC_5A_n78A	30	15	630500	36@0	DFT_QPSK	24.23
DC_5A_n78A	30	15	630500	18@9	DFT_QPSK	25.3
DC_5A_n78A	30	15	630500	1@1	DFT_QPSK	25.14
DC_5A_n78A	30	15	630500	1@36	DFT_QPSK	25.07
DC_5A_n78A	30	15	630500	36@0	DFT_16QAM	23.24
DC_5A_n78A	30	15	630500	18@9	DFT_16QAM	24.33
DC_5A_n78A	30	15	630500	1@1	DFT_16QAM	24.24
DC_5A_n78A	30	15	630500	1@36	DFT_16QAM	24.18
DC_5A_n78A	30	15	630500	36@0	DFT_64QAM	22.74
DC_5A_n78A	30	15	630500	18@9	DFT_64QAM	22.77
DC_5A_n78A	30	15	630500	1@1	DFT_64QAM	22.78
DC_5A_n78A	30	15	630500	1@36	DFT_64QAM	22.7
DC_5A_n78A	30	15	630500	36@0	DFT_256QAM	20.7
DC_5A_n78A	30	15	630500	18@9	DFT_256QAM	20.81
DC_5A_n78A	30	15	630500	1@1	DFT_256QAM	20.61
DC_5A_n78A	30	15	630500	1@36	DFT_256QAM	20.56
DC_5A_n78A	30	15	630500	38@0	CP_QPSK	22.2
DC_5A_n78A	30	15	630500	19@9	CP_QPSK	23.78
DC_5A_n78A	30	15	630500	1@1	CP_QPSK	23.71
DC_5A_n78A	30	15	630500	1@36	CP_QPSK	23.64
DC_5A_n78A	30	15	633334	36@0	DFT_BPSK	24.58
DC_5A_n78A	30	15	633334	18@9	DFT_BPSK	25.07
DC_5A_n78A	30	15	633334	1@1	DFT_BPSK	24.91
DC_5A_n78A	30	15	633334	1@36	DFT_BPSK	24.93
DC_5A_n78A	30	15	633334	36@0	DFT_QPSK	24.07
DC_5A_n78A	30	15	633334	18@9	DFT_QPSK	25.14
DC_5A_n78A	30	15	633334	1@1	DFT_QPSK	24.91
DC_5A_n78A	30	15	633334	1@36	DFT_QPSK	24.93
DC_5A_n78A	30	15	633334	36@0	DFT_16QAM	23.08
DC_5A_n78A	30	15	633334	18@9	DFT_16QAM	24.15
DC_5A_n78A	30	15	633334	1@1	DFT_16QAM	24.02
DC_5A_n78A	30	15	633334	1@36	DFT_16QAM	24.03
DC_5A_n78A	30	15	633334	36@0	DFT_64QAM	22.58
DC_5A_n78A	30	15	633334	18@9	DFT_64QAM	22.59
DC_5A_n78A	30	15	633334	1@1	DFT_64QAM	22.54



DC_5A_n78A	30	15	633334	1@36	DFT_64QAM	22.56
DC_5A_n78A	30	15	633334	36@0	DFT_256QAM	20.58
DC_5A_n78A	30	15	633334	18@9	DFT_256QAM	20.64
DC_5A_n78A	30	15	633334	1@1	DFT_256QAM	20.45
DC_5A_n78A	30	15	633334	1@36	DFT_256QAM	20.51
DC_5A_n78A	30	15	633334	38@0	CP_QPSK	22.03
DC_5A_n78A	30	15	633334	19@9	CP_QPSK	23.62
DC_5A_n78A	30	15	633334	1@1	CP_QPSK	23.4
DC_5A_n78A	30	15	633334	1@36	CP_QPSK	23.41
DC_5A_n78A	30	15	636166	36@0	DFT_BPSK	24.63
DC_5A_n78A	30	15	636166	18@9	DFT_BPSK	25.11
DC_5A_n78A	30	15	636166	1@1	DFT_BPSK	25.04
DC_5A_n78A	30	15	636166	1@36	DFT_BPSK	24.96
DC_5A_n78A	30	15	636166	36@0	DFT_QPSK	24.12
DC_5A_n78A	30	15	636166	18@9	DFT_QPSK	25.16
DC_5A_n78A	30	15	636166	1@1	DFT_QPSK	25.05
DC_5A_n78A	30	15	636166	1@36	DFT_QPSK	24.96
DC_5A_n78A	30	15	636166	36@0	DFT_16QAM	23.13
DC_5A_n78A	30	15	636166	18@9	DFT_16QAM	24.15
DC_5A_n78A	30	15	636166	1@1	DFT_16QAM	24.16
DC_5A_n78A	30	15	636166	1@36	DFT_16QAM	24.06
DC_5A_n78A	30	15	636166	36@0	DFT_64QAM	22.64
DC_5A_n78A	30	15	636166	18@9	DFT_64QAM	22.61
DC_5A_n78A	30	15	636166	1@1	DFT_64QAM	22.69
DC_5A_n78A	30	15	636166	1@36	DFT_64QAM	22.62
DC_5A_n78A	30	15	636166	36@0	DFT_256QAM	20.61
DC_5A_n78A	30	15	636166	18@9	DFT_256QAM	20.69
DC_5A_n78A	30	15	636166	1@1	DFT_256QAM	20.55
DC_5A_n78A	30	15	636166	1@36	DFT_256QAM	20.44
DC_5A_n78A	30	15	636166	38@0	CP_QPSK	22.08
DC_5A_n78A	30	15	636166	19@9	CP_QPSK	23.68
DC_5A_n78A	30	15	636166	1@1	CP_QPSK	23.56
DC_5A_n78A	30	15	636166	1@36	CP_QPSK	23.48
DC_5A_n78A	30	20	630668	50@0	DFT_BPSK	24.75
DC_5A_n78A	30	20	630668	25@12	DFT_BPSK	25.25
DC_5A_n78A	30	20	630668	1@1	DFT_BPSK	25.11
DC_5A_n78A	30	20	630668	1@49	DFT_BPSK	25.01
DC_5A_n78A	30	20	630668	50@0	DFT_QPSK	24.26
DC_5A_n78A	30	20	630668	25@12	DFT_QPSK	25.29
DC_5A_n78A	30	20	630668	1@1	DFT_QPSK	25.1
DC_5A_n78A	30	20	630668	1@49	DFT_QPSK	25.02
DC_5A_n78A	30	20	630668	50@0	DFT_16QAM	23.3
DC_5A_n78A	30	20	630668	25@12	DFT_16QAM	24.31
DC_5A_n78A	30	20	630668	1@1	DFT_16QAM	24.21
DC_5A_n78A	30	20	630668	1@49	DFT_16QAM	24.11
DC_5A_n78A	30	20	630668	50@0	DFT_64QAM	22.75
DC_5A_n78A	30	20	630668	25@12	DFT_64QAM	22.79
DC_5A_n78A	30	20	630668	1@1	DFT_64QAM	22.76
DC_5A_n78A	30	20	630668	1@49	DFT_64QAM	22.65
DC_5A_n78A	30	20	630668	50@0	DFT_256QAM	20.75
DC_5A_n78A	30	20	630668	25@12	DFT_256QAM	20.82
DC_5A_n78A	30	20	630668	1@1	DFT_256QAM	20.56
DC_5A_n78A	30	20	630668	1@49	DFT_256QAM	20.48
DC_5A_n78A	30	20	630668	51@0	CP_QPSK	22.22
DC_5A_n78A	30	20	630668	25@12	CP_QPSK	23.74
DC_5A_n78A	30	20	630668	1@1	CP_QPSK	23.62
DC_5A_n78A	30	20	630668	1@49	CP_QPSK	23.53