



n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	11.97
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	11.62
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	11.49
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	13.32
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	14.95
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	14.65
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	14.52
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	16.05
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	16.63
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	16.55
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	16.23
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	15.55
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	16.64
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	16.52
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	16.2
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	14.56
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	15.62
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	15.53
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	15.23
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	14.07
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	14.14
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	14.13
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	13.84
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	12.06
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	12.12
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	12.02
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	11.73
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	13.53
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	15.11
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	15.09
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	14.76
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	16.02
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	16.53
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	16.53
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	16.33
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	15.53
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	16.52
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	16.52
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	16.28
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	14.56
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	15.47
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	15.55
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	15.37
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	14.01
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	13.99
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	14.07
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	13.85
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	12.02



n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	11.99
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	12.01
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	11.8
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	13.52
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	15
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	15.06
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	14.85
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	15.95
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	16.52
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	16.41
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	16.29
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	15.46
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	16.54
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	16.37
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	16.22
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	14.48
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	15.51
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	15.37
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	15.21
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	13.97
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	14.04
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	13.95
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	13.85
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	11.96
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	12.02
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	11.87
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	11.73
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	13.43
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	15.01
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	14.89
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	14.81
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	15.97
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	16.6
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	16.57
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	16.14
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	15.43
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	16.6
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	16.6
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	16.18
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	14.5
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	15.59
n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	15.54
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	15.25
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	13.97
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	14.1
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	14.14
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	13.76
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	11.98



n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	12.07
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	11.98
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	11.66
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	13.47
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	15.11
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	15.05
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	14.66
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	15.98
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	16.52
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	16.49
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	16.3
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	15.47
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	16.53
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	16.49
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	16.18
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	14.5
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	15.51
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	15.54
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	15.27
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	13.97
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	14.02
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	14.08
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	13.84
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	11.99
n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	12.02
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	11.98
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	11.71
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	13.46
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	14.97
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	15.06
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	14.79
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	15.92
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	16.55
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	16.51
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	16.26
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	15.43
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	16.55
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	16.43
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	16.16
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	14.45
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	15.52
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	15.37
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	15.14
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	13.92
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	14.04
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	14.04
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	13.77
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	11.94



n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	12.03
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	11.97
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	11.69
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	13.42
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	15.02
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	14.96
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	14.72
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	16.2
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	16.8
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	16.5
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	16.27
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	15.67
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	16.8
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	16.47
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	16.28
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	14.74
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	15.77
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	15.56
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	15.33
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	14.27
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	14.3
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	14.19
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	13.94
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	12.22
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	12.27
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	12.01
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	11.79
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	13.72
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	15.25
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	15.04
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	14.82
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	16.17
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	16.74
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	16.48
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	16.27
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	15.69
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	16.76
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	16.51
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	16.23
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	14.73
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	15.72
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	15.58
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	15.33
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	14.25
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	14.27
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	14.18
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	13.94
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	12.2



n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	12.25
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	11.99
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	11.8
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	13.69
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	15.21
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	15.02
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	14.79
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	16.16
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	16.78
n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	16.61
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	16.29
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	15.68
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	16.77
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	16.55
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	16.22
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	14.71
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	15.78
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	15.72
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	15.41
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	14.25
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	14.3
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	14.22
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	13.9
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	12.18
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	12.26
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	12.05
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	11.79
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	13.68
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	15.23
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	15.14
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	14.8
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	16.16
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	16.81
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	16.44
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	16.15
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	15.68
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	16.79
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	16.47
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	16.18
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	14.73
n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	15.79
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	15.48
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	15.15
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	14.25
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	14.32
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	14.14
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	13.84
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	12.2



n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	12.26
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	11.99
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	11.72
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	13.73
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	15.24
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	14.98
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	14.7
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	16.14
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	16.77
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	16.37
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	16.1
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	15.6
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	16.76
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	16.35
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	16.11
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	14.68
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	15.74
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	15.34
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	15.14
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	14.21
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	14.26
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	14.06
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	13.75
n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	12.14
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	12.23
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	11.88
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	11.61
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	13.67
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	15.17
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	14.92
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	14.59
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	16.13
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	16.76
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	16.46
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	16.13
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	15.62
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	16.73
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	16.45
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	16.15
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	14.7
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	15.71
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	15.44
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	15.16
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	14.21
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	14.25
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	14.15
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	13.84
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	12.17



n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	12.22
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	11.99
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	11.69
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	13.68
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	15.18
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	14.87
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	14.63
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	16.08
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	16.73
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	16.33
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	16.01
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	15.58
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	16.71
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	16.32
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	15.99
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	14.68
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	15.71
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	15.29
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	14.98
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	14.15
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	14.23
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	14.02
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	13.7
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	12.13
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	12.19
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	11.91
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	11.57
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	13.61
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	15.17
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	14.84
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	14.49
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	16.1
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	16.74
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	16.31
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	16.01
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	15.61
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	16.75
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	16.32
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	16.01
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	14.69
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	15.74
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	15.24
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	14.91
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	14.13
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	14.23
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	14.04
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	13.75
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	12.13



n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	12.21
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	11.85
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	11.58
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	13.61
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	15.17
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	14.78
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	14.51
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	16.13
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	16.74
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	16.39
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	16.09
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	15.64
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	16.76
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	16.37
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	16.08
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	14.72
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	15.75
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	15.35
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	15.1
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	14.18
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	14.26
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	14.08
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	13.75
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	12.16
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	12.24
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	11.94
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	11.63
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	13.67
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	15.18
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	14.84
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	14.64
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	16.02
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	16.74
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	16.25
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	15.9
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	15.56
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	16.75
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	16.25
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	15.9
n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	14.65
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	15.75
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	15.23
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	14.91
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	14.12
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	14.28
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	14.01
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	13.65
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	12.08



n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	12.24
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	11.91
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	11.53
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	13.61
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	15.2
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	14.78
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	14.41

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	16.77
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	17.28
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	17.21
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	17.19
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	16.27
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	17.31
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	17.22
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	17.21
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	15.3
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	16.29
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	16.23
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	16.23
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	14.8
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	14.86
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	14.84
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	14.79
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	12.83
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	12.8
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	12.7
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	12.71
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	14.29
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	15.78
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	15.72
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	15.69
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	16.69
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	17.22
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	17.08
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	17.15
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	16.18
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	17.2
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	17.1
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	17.12
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	15.18
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	16.26
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	16.15
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	16.19
n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	14.63
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	14.73
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	14.57



n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	14.62
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	12.7
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	12.62
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	12.55
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	12.59
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	14.2
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	15.76
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	15.62
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	15.67
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	16.62
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	17.11
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	17.05
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	17.01
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	16.12
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	17.1
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	17.08
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	17.04
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	15.09
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	16.16
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	16.07
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	16.06
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	14.6
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	14.64
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	14.57
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	14.55
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	12.65
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	12.62
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	12.52
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	12.48
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	14.11
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	15.63
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	15.57
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	15.51
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	16.75
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	17.28
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	17.2
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	17.14
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	16.27
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	17.27
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	17.19
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	17.17
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	15.27
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	16.25
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	16.27
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	16.23
n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	14.76
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	14.8
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	14.76



n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	14.72
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	12.8
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	12.71
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	12.67
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	12.62
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	14.24
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	15.72
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	15.68
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	15.67
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	16.68
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	17.21
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	17.05
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	17.14
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	16.17
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	17.2
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	17.06
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	17.12
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	15.2
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	16.16
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	16.13
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	16.22
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	14.69
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	14.73
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	14.64
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	14.66
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	12.68
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	12.67
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	12.58
n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	12.6
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	14.19
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	15.66
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	15.59
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	15.63
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	16.57
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	17.08
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	16.96
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	16.91
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	16.04
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	17.08
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	16.98
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	16.96
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	15.07
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	16.07
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	16.06
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	16.04
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	14.55
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	14.62
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	14.55



n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	14.51
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	12.59
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	12.54
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	12.5
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	12.42
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	14.08
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	15.58
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	15.42
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	15.4
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	16.73
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	17.25
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	17.13
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	17.03
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	16.21
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	17.23
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	17.15
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	17.05
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	15.16
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	16.21
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	16.16
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	16.08
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	14.7
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	14.73
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	14.75
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	14.65
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	12.7
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	12.74
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	12.59
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	12.56
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	14.2
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	15.69
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	15.66
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	15.55
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	16.63
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	17.2
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	17.04
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	17.08
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	16.19
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	17.18
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	17.02
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	17.1
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	15.16
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	16.2
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	16.04
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	16.14
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	14.61
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	14.67
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	14.58



n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	14.71
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	12.64
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	12.69
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	12.53
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	12.64
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	14.16
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	15.68
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	15.53
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	15.56
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	16.51
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	17.07
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	16.92
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	16.88
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	16.01
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	17.09
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	16.92
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	16.87
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	15.03
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	16.09
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	15.96
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	15.92
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	14.51
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	14.55
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	14.51
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	14.42
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	12.55
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	12.59
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	12.48
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	12.39
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	14.04
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	15.54
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	15.38
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	15.39
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	16.44
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	17.02
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	16.65
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	16.72
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	15.98
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	17.03
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	16.6
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	16.75
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	14.94
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	16.04
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	15.66
n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	15.8
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	14.45
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	14.48
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	14.24



n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	14.4
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	12.47
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	12.52
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	12.08
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	12.23
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	13.89
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	15.49
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	15.06
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	15.28
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	16.36
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	16.93
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	16.39
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	16.66
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	15.88
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	16.95
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	16.41
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	16.68
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	14.87
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	15.97
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	15.43
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	15.68
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	14.37
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	14.43
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	14.01
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	14.31
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	12.36
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	12.43
n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	11.91
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	12.16
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	13.8
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	15.41
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	14.98
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	15.19
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	16.17
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	16.76
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	16.37
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	16.35
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	15.69
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	16.79
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	16.37
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	16.28
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	14.67
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	15.77
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	15.33
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	15.32
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	14.14
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	14.18
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	13.99



n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	13.88
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	12.17
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	12.22
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	11.81
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	11.79
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	13.65
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	15.23
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	14.81
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	14.83
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	16.55
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	17.11
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	16.81
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	17.04
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	16.09
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	17.13
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	16.79
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	17.02
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	15.09
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	16.11
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	15.81
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	16.06
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	14.59
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	14.63
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	14.46
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	14.65
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	12.61
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	12.59
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	12.39
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	12.63
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	14.04
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	15.59
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	15.39
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	15.51
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	16.46
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	16.99
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	16.65
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	16.98
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	15.95
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	17
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	16.65
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	16.97
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	14.95
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	15.97
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	15.67
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	16.05
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	14.45
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	14.49
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	14.28



n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	14.62
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	12.47
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	12.47
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	12.19
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	12.52
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	13.95
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	15.51
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	15.17
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	15.6
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	16.21
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	16.76
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	16.48
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	16.5
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	15.7
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	16.79
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	16.49
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	16.54
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	14.7
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	15.77
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	15.51
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	15.59
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	14.17
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	14.27
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	14.03
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	14.09
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	12.2
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	12.24
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	12.03
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	12.05
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	13.65
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	15.24
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	14.98
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	15.05
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	16.5
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	17.07
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	16.72
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	16.96
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	16.04
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	17.06
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	16.7
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	16.97
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	15.04
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	16.03
n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	15.79
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	16.04
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	14.51
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	14.55
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	14.37



n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	14.61
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	12.54
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	12.55
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	12.35
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	12.57
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	14.01
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	15.53
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	15.31
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	15.55
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	16.39
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	16.98
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	16.61
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	16.96
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	15.9
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	16.99
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	16.57
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	16.9
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	14.96
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	15.94
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	15.65
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	16.08
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	14.37
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	14.48
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	14.16
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	14.53
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	12.45
n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	12.48
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	12.19
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	12.54
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	13.87
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	15.46
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	15.21
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	15.5
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	16.15
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	16.73
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	16.44
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	16.42
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	15.66
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	16.75
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	16.39
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	16.43
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	14.7
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	15.74
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	15.52
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	15.51
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	14.11
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	14.18
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	13.93



n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	13.98
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	12.14
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	12.27
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	11.94
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	11.97
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	13.63
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	15.2
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	14.94
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	14.97
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	16.44
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	16.96
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	16.34
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	16.99
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	15.94
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	16.97
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	16.28
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	16.94
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	14.95
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	15.95
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	15.26
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	15.91
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	14.57
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	14.52
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	13.78
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	14.41
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	12.52
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	12.54
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	11.73
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	12.34
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	14.02
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	15.54
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	14.93
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	15.55
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	16.16
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	16.73
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	15.94
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	16.78
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	15.66
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	16.71
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	15.9
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	16.75
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	14.64
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	15.69
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	14.86
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	15.68
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	14.21
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	14.26
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	13.38



n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	14.14
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	12.19
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	12.22
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	11.53
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	12.38
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	13.71
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	15.23
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	14.51
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	15.33
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	16.16
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	16.75
n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	16.06
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	16.56
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	15.69
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	16.75
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	16.07
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	16.59
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	14.63
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	15.71
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	14.85
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	15.35
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	14.19
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	14.25
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	13.39
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	13.86
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	12.2
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	12.28
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	11.72
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	12.14
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	13.69
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	15.25
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	14.59
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	15.11
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	16.66
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	17.25
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	16.51
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	17.08
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	16.15
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	17.28
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	16.46
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	17.05
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	15.16
n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	16.29
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	15.39
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	15.99
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	14.72
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	14.81
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	13.97



n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	14.5
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	12.69
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	12.75
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	12.13
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	12.72
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	14.22
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	15.73
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	14.98
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	15.61
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	16.25
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	16.88
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	15.94
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	16.85
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	15.76
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	16.87
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	15.91
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	16.82
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	14.74
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	15.9
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	14.97
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	15.85
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	14.32
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	14.39
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	13.34
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	14.2
n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	12.27
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	12.38
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	11.26
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	12.16
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	13.79
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	15.32
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	14.47
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	15.35
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	16.23
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	16.86
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	16.04
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	16.55
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	15.72
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	16.84
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	15.99
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	16.51
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	14.7
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	15.86
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	14.95
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	15.45
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	14.18
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	14.32
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	13.36



n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	13.81
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	12.24
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	12.31
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	11.64
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	12.13
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	13.75
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	15.29
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	14.56
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	15.03
n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	16.75
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	17.35
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	16.48
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	17.2
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	16.23
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	17.34
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	16.43
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	17.11
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	15.19
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	16.33
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	15.55
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	16.23
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	14.79
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	14.9
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	13.96
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	14.57
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	12.75
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	12.86
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	12.17
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	12.83
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	14.27
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	15.84
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	14.99
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	15.68
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	16.26
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	16.89
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	15.86
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	16.87
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	15.75
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	16.89
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	15.77
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	16.85
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	14.77
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	15.85
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	14.79
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	15.85
n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	14.3
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	14.41
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	13.32



n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	14.21
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	12.28
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	12.38
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	11.5
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	12.52
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	13.78
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	15.35
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	14.39
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	15.37
n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	16.35
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	16.97
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	16.08
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	16.59
n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	15.83
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	16.99
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	16
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	16.55
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	14.83
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	15.98
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	14.97
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	15.51
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	14.34
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	14.47
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	13.4
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	13.93
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	12.37
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	12.46
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	11.69
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	12.21
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	13.87
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	15.43
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	14.57
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	15.16
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	16.74
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	17.37
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	16.43
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	17.1
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	16.25
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	17.39
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	16.43
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	17.1
n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	15.22
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	16.37
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	15.28
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	15.95
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	14.8
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	14.91
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	13.89



n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	14.49
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	12.77
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	12.89
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	11.87
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	12.61
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	14.27
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	15.86
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	14.94
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	15.61
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	16.23
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	16.89
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	15.8
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	16.78
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	15.72
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	16.89
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	15.73
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	16.74
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	14.72
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	15.87
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	14.64
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	15.65
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	14.31
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	14.44
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	13.23
n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	14.09
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	12.26
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	12.39
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	11.44
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	12.44
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	13.79
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	15.4
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	14.31
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	15.3
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	16.36
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	17.04
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	15.99
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	16.6
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	15.84
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	17.03
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	15.97
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	16.6
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	14.85
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	16.04
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	14.94
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	15.57
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	14.34
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	14.52
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	13.3



n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	13.92
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	12.37
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	12.54
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	11.59
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	12.23
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	13.88
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	15.55
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	14.47
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	15.13

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	16.82
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	17.32
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	17.3
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	17.24
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	16.36
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	17.35
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	17.23
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	17.17
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	15.34
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	16.45
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	16.37
n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	16.24
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	14.89
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	14.89
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	14.71
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	14.61
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	12.85
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	12.85
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	12.89
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	12.82
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	14.36
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	15.88
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	15.77
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	15.71
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	16.75
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	17.25
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	17.19
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	17.14
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	16.26
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	17.23
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	17.13
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	17.09
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	15.24
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	16.31
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	16.21
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	16.19
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	14.81



n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	14.78
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	14.56
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	14.53
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	12.77
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	12.71
n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	12.74
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	12.73
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	14.26
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	15.74
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	15.62
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	15.66
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	16.93
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	17.41
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	17.33
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	17.36
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	16.4
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	17.41
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	17.27
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	17.29
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	15.43
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	16.4
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	16.38
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	16.41
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	14.94
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	14.96
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	14.72
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	14.7
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	12.92
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	12.85
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	12.88
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	12.88
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	14.41
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	15.91
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	15.81
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	15.79
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	16.9
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	17.39
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	17.37
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	17.26
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	16.4
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	17.41
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	17.29
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	17.17
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	15.38
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	16.39
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	16.45
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	16.31
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	14.9



n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	14.96
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	14.71
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	14.59
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	12.88
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	12.9
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	12.86
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	12.75
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	14.38
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	15.86
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	15.81
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	15.7
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	16.75
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	17.27
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	17.23
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	17.18
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	16.31
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	17.28
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	17.16
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	17.11
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	15.28
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	16.28
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	16.21
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	16.15
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	14.86
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	14.78
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	14.77
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	14.71
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	12.77
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	12.76
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	12.77
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	12.76
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	14.3
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	15.73
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	15.68
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	15.64
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	16.87
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	17.43
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	17.38
n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	17.36
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	16.38
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	17.41
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	17.29
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	17.28
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	15.39
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	16.42
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	16.3
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	16.28
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	14.94



n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	14.95
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	14.78
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	14.73
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	12.91
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	12.89
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	12.89
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	12.82
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	14.41
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	15.88
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	15.8
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	15.77
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	16.91
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	17.39
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	17.37
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	17.23
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	16.41
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	17.41
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	17.32
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	17.24
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	15.5
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	16.38
n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	16.38
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	16.23
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	14.92
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	14.92
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	14.82
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	14.71
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	12.87
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	12.95
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	12.85
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	12.74
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	14.37
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	15.88
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	15.79
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	15.73
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	16.73
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	17.3
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	17.19
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	17.05
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	16.23
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	17.33
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	17.15
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	17.01
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	15.23
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	16.24
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	16.25
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	16.08
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	14.78



n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	14.77
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	14.58
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	14.5
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	12.73
n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	12.81
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	12.8
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	12.65
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	14.22
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	15.77
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	15.67
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	15.58
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	16.85
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	17.39
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	17.26
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	17.24
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	16.28
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	17.42
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	17.2
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	17.21
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	15.4
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	16.37
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	16.27
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	16.36
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	14.84
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	14.93
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	14.66
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	14.74
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	12.84
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	12.87
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	12.95
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	12.81
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	14.35
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	15.87
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	15.72
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	15.75
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	16.51
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	17.07
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	16.84
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	16.61
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	16.01
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	17.08
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	16.77
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	16.47
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	15.02
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	16.05
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	15.9
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	15.72
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	14.54



n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	14.57
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	14.14
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	13.98
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	12.57
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	12.52
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	12.49
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	12.2
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	13.96
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	15.57
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	15.35
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	15.1
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	16.46
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	17.05
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	16.81
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	16.64
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	15.98
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	17.05
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	16.72
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	16.64
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	14.98
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	16.04
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	15.75
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	15.7
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	14.46
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	14.52
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	14.05
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	14.08
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	12.5
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	12.49
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	12.34
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	12.19
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	13.93
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	15.54
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	15.24
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	15.37
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	16.52
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	17.14
n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	16.77
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	16.68
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	16.01
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	17.11
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	16.66
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	16.64
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	15.01
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	16.11
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	15.71
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	15.83
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	14.5



n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	14.61
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	14.06
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	14.01
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	12.54
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	12.6
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	12.31
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	12.3
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	13.96
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	15.58
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	15.28
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	15.31
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	15.96
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	16.49
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	16.34
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	16.32
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	15.49
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	16.53
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	16.33
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	16.35
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	14.54
n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	15.59
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	15.35
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	15.23
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	14.02
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	14.06
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	13.89
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	13.84
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	12.02
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	12.07
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	12.01
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	12.01
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	13.54
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	15.09
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	14.93
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	15
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	16.16
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	16.7
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	16.48
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	16.68
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	15.7
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	16.72
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	16.48
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	16.66
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	14.72
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	15.73
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	15.42
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	15.55
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	14.17



n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	14.25
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	13.97
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	14.14
n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	12.2
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	12.23
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	12.15
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	12.31
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	13.69
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	15.23
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	15.05
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	15.21
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	16.24
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	16.82
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	16.48
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	16.74
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	15.74
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	16.85
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	16.45
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	16.66
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	14.8
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	15.82
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	15.38
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	15.6
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	14.23
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	14.36
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	13.98
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	14.29
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	12.28
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	12.31
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	12.1
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	12.36
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	13.74
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	15.34
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	15.04
n78(3450-3550)	30	50	635000	1@131	CP_QPSK	15.3
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	16.25
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	16.84
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	16.75
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	16.73
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	15.74
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	16.83
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	16.68
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	16.61
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	14.78
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	15.83
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	15.51
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	15.52
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	14.25



n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	14.32
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	14.22
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	14.17
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	12.26
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	12.33
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	12.34
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	12.28
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	13.73
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	15.32
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	15.24
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	15.18
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	16.34
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	16.89
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	16.69
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	16.71
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	15.78
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	16.92
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	16.69
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	16.78
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	14.83
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	15.9
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	15.47
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	15.67
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	14.3
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	14.4
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	14.14
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	14.32
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	12.33
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	12.44
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	12.41
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	12.49
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	13.8
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	15.37
n78(3450-3550)	30	60	633334	1@1	CP_QPSK	15.21
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	15.29
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	16.35
n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	16.99
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	16.66
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	16.88
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	15.88
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	17.02
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	16.72
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	16.87
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	14.88
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	16
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	15.67
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	15.77
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	14.36



n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	14.49
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	14.15
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	14.24
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	12.37
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	12.49
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	12.28
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	12.46
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	13.89
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	15.45
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	15.2
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	15.34
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	16.57
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	17.15
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	16.85
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	16.73
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	16.04
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	17.14
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	16.81
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	16.69
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	15.02
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	16.14
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	15.69
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	15.6
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	14.64
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	14.64
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	14.31
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	14.19
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	12.56
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	12.62
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	12.29
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	12.3
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	14.08
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	15.66
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	15.31
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	15.18
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	16.58
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	17.11
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	16.78
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	16.69
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	16.11
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	17.13
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	16.79
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	16.7
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	15.04
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	16.15
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	15.69
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	15.56
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	14.67



n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	14.66
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	14.23
n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	14.16
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	12.59
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	12.59
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	12.4
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	12.33
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	14.1
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	15.59
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	15.31
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	15.24
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	16.58
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	17.15
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	16.91
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	16.72
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	16.1
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	17.18
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	16.9
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	16.75
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	15.08
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	16.13
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	15.8
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	15.63
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	14.65
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	14.67
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	14.39
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	14.23
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	12.59
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	12.6
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	12.55
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	12.38
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	14.08
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	15.61
n78(3450-3550)	30	70	634332	1@1	CP_QPSK	15.41
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	15.21
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	16.57
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	17.19
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	16.84
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	16.64
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	16.09
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	17.2
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	16.82
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	16.64
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	15.1
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	16.19
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	15.72
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	15.49
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	14.67



n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	14.73
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	14.38
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	14.16
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	12.58
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	12.67
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	12.51
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	12.34
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	14.17
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	15.65
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	15.31
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	15.14
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	16.54
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	17.18
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	16.72
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	16.62
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	16.06
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	17.19
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	16.77
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	16.59
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	15.06
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	16.15
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	15.62
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	15.49
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	14.62
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	14.72
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	14.25
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	14.13
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	12.55
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	12.65
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	12.41
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	12.28
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	14.12
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	15.65
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	15.21
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	15.1
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	16.54
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	17.14
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	16.8
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	16.62
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	16.02
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	17.16
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	16.78
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	16.61
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	15.05
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	16.12
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	15.65
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	15.46
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	14.6



n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	14.67
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	14.32
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	14.17
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	12.54
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	12.65
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	12.43
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	12.3
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	14.12
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	15.64
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	15.31
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	15.14
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	16.53
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	17.13
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	16.73
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	16.49
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	16.02
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	17.15
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	16.68
n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	16.46
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	15.01
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	16.12
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	15.54
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	15.31
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	14.58
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	14.68
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	14.24
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	14.05
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	12.55
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	12.61
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	12.41
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	12.18
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	14.05
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	15.6
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	15.22
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	15
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	16.56
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	17.16
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	16.67
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	16.52
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	16.06
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	17.17
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	16.65
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	16.47
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	15.06
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	16.18
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	15.56
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	15.43
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	14.61



n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	14.75
n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	14.27
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	14.08
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	12.59
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	12.67
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	12.29
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	12.11
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	14.09
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	15.64
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	15.22
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	15.03
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	16.6
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	17.2
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	16.74
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	16.56
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	16.1
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	17.19
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	16.72
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	16.53
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	15.1
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	16.16
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	15.63
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	15.44
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	14.65
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	14.7
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	14.33
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	14.08
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	12.62
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	12.69
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	12.47
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	12.21
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	14.15
n78(3450-3550)	30	90	633666	123@61	CP_QPSK	15.65
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	15.28
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	15.15
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	16.5
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	17.2
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	16.68
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	16.42
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	16
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	17.21
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	16.69
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	16.43
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	15.01
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	16.15
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	15.52
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	15.28
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	14.56



n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	14.72
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	14.3
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	13.96
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	12.55
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	12.71
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	12.43
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	12.06
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	14.07
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	15.65
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	15.21
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	14.89

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3700-3800)	30	10	647000	24@0	DFT_BPSK	17.16
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	17.68
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	17.52
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	17.6
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	16.66
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	17.67
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	17.49
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	17.58
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	15.61
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	16.65
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	16.38
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	16.46
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	15.15
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	15.15
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	14.92
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	14.98
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	13.16
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	13.12
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	13.16
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	13.25
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	14.65
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	16.11
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	16.02
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	16.1
n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	17.57
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	18.12
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	18
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	18.04
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	17.06
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	18.13
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	17.94
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	18.01
n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	16.1
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	17.11
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	16.83



n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	16.91
n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	15.53
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	15.61
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	15.39
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	15.42
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	13.61
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	13.59
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	13.59
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	13.68
n78(3700-3800)	30	10	650000	24@0	CP_QPSK	15.07
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	16.58
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	16.5
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	16.55
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	17.56
n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	18.1
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	17.98
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	18.02
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	17.09
n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	18.1
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	17.97
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	18.01
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	16.1
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	17.09
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	16.83
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	16.91
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	15.56
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	15.61
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	15.37
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	15.4
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	13.62
n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	13.58
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	13.57
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	13.61
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	15.1
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	16.57
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	16.48
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	16.52
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	17.18
n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	17.69
n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	17.51
n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	17.6
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	16.67
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	17.69
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	17.5
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	17.57
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	15.64
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	16.69
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	16.39



n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	16.46
n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	15.16
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	15.12
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	14.95
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	14.99
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	13.11
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	13.2
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	13.14
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	13.22
n78(3700-3800)	30	15	647168	38@0	CP_QPSK	14.68
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	16.15
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	16.01
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	16.11
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	17.58
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	18.13
n78(3700-3800)	30	15	650000	1@1	DFT_BPSK	17.92
n78(3700-3800)	30	15	650000	1@36	DFT_BPSK	18.07
n78(3700-3800)	30	15	650000	36@0	DFT_QPSK	17.06
n78(3700-3800)	30	15	650000	18@9	DFT_QPSK	18.11
n78(3700-3800)	30	15	650000	1@1	DFT_QPSK	17.92
n78(3700-3800)	30	15	650000	1@36	DFT_QPSK	18.05
n78(3700-3800)	30	15	650000	36@0	DFT_16QAM	16.07
n78(3700-3800)	30	15	650000	18@9	DFT_16QAM	17.12
n78(3700-3800)	30	15	650000	1@1	DFT_16QAM	16.83
n78(3700-3800)	30	15	650000	1@36	DFT_16QAM	16.96
n78(3700-3800)	30	15	650000	36@0	DFT_64QAM	15.56
n78(3700-3800)	30	15	650000	18@9	DFT_64QAM	15.55
n78(3700-3800)	30	15	650000	1@1	DFT_64QAM	15.32
n78(3700-3800)	30	15	650000	1@36	DFT_64QAM	15.49
n78(3700-3800)	30	15	650000	36@0	DFT_256QAM	13.5
n78(3700-3800)	30	15	650000	18@9	DFT_256QAM	13.62
n78(3700-3800)	30	15	650000	1@1	DFT_256QAM	13.5
n78(3700-3800)	30	15	650000	1@36	DFT_256QAM	13.67
n78(3700-3800)	30	15	650000	38@0	CP_QPSK	15.12
n78(3700-3800)	30	15	650000	19@9	CP_QPSK	16.6
n78(3700-3800)	30	15	650000	1@1	CP_QPSK	16.46
n78(3700-3800)	30	15	650000	1@36	CP_QPSK	16.59
n78(3700-3800)	30	15	652832	36@0	DFT_BPSK	17.5
n78(3700-3800)	30	15	652832	18@9	DFT_BPSK	18.04
n78(3700-3800)	30	15	652832	1@1	DFT_BPSK	17.87
n78(3700-3800)	30	15	652832	1@36	DFT_BPSK	17.95
n78(3700-3800)	30	15	652832	36@0	DFT_QPSK	17.04
n78(3700-3800)	30	15	652832	18@9	DFT_QPSK	18.03
n78(3700-3800)	30	15	652832	1@1	DFT_QPSK	17.84
n78(3700-3800)	30	15	652832	1@36	DFT_QPSK	17.94
n78(3700-3800)	30	15	652832	36@0	DFT_16QAM	16.03
n78(3700-3800)	30	15	652832	18@9	DFT_16QAM	17.03
n78(3700-3800)	30	15	652832	1@1	DFT_16QAM	16.71



n78(3700-3800)	30	15	652832	1@36	DFT_16QAM	16.83
n78(3700-3800)	30	15	652832	36@0	DFT_64QAM	15.56
n78(3700-3800)	30	15	652832	18@9	DFT_64QAM	15.46
n78(3700-3800)	30	15	652832	1@1	DFT_64QAM	15.28
n78(3700-3800)	30	15	652832	1@36	DFT_64QAM	15.39
n78(3700-3800)	30	15	652832	36@0	DFT_256QAM	13.48
n78(3700-3800)	30	15	652832	18@9	DFT_256QAM	13.57
n78(3700-3800)	30	15	652832	1@1	DFT_256QAM	13.49
n78(3700-3800)	30	15	652832	1@36	DFT_256QAM	13.6
n78(3700-3800)	30	15	652832	38@0	CP_QPSK	15.01
n78(3700-3800)	30	15	652832	19@9	CP_QPSK	16.52
n78(3700-3800)	30	15	652832	1@1	CP_QPSK	16.37
n78(3700-3800)	30	15	652832	1@36	CP_QPSK	16.47
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	17.14
n78(3700-3800)	30	20	647334	25@12	DFT_BPSK	17.67
n78(3700-3800)	30	20	647334	1@1	DFT_BPSK	17.47
n78(3700-3800)	30	20	647334	1@49	DFT_BPSK	17.53
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	16.64
n78(3700-3800)	30	20	647334	25@12	DFT_QPSK	17.65
n78(3700-3800)	30	20	647334	1@1	DFT_QPSK	17.42
n78(3700-3800)	30	20	647334	1@49	DFT_QPSK	17.51
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	15.64
n78(3700-3800)	30	20	647334	25@12	DFT_16QAM	16.67
n78(3700-3800)	30	20	647334	1@1	DFT_16QAM	16.32
n78(3700-3800)	30	20	647334	1@49	DFT_16QAM	16.43
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	15.07
n78(3700-3800)	30	20	647334	25@12	DFT_64QAM	15.13
n78(3700-3800)	30	20	647334	1@1	DFT_64QAM	14.82
n78(3700-3800)	30	20	647334	1@49	DFT_64QAM	14.97
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	13.17
n78(3700-3800)	30	20	647334	25@12	DFT_256QAM	13.13
n78(3700-3800)	30	20	647334	1@1	DFT_256QAM	13.1
n78(3700-3800)	30	20	647334	1@49	DFT_256QAM	13.16
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	14.62
n78(3700-3800)	30	20	647334	25@12	CP_QPSK	16.16
n78(3700-3800)	30	20	647334	1@1	CP_QPSK	15.98
n78(3700-3800)	30	20	647334	1@49	CP_QPSK	16.04
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	17.56
n78(3700-3800)	30	20	650000	25@12	DFT_BPSK	18.1
n78(3700-3800)	30	20	650000	1@1	DFT_BPSK	17.89
n78(3700-3800)	30	20	650000	1@49	DFT_BPSK	18.03
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	17.07
n78(3700-3800)	30	20	650000	25@12	DFT_QPSK	18.09
n78(3700-3800)	30	20	650000	1@1	DFT_QPSK	17.89
n78(3700-3800)	30	20	650000	1@49	DFT_QPSK	18.03
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	16.06
n78(3700-3800)	30	20	650000	25@12	DFT_16QAM	17.09
n78(3700-3800)	30	20	650000	1@1	DFT_16QAM	16.77



n78(3700-3800)	30	20	650000	1@49	DFT_16QAM	16.92
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	15.54
n78(3700-3800)	30	20	650000	25@12	DFT_64QAM	15.52
n78(3700-3800)	30	20	650000	1@1	DFT_64QAM	15.25
n78(3700-3800)	30	20	650000	1@49	DFT_64QAM	15.47
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	13.56
n78(3700-3800)	30	20	650000	25@12	DFT_256QAM	13.56
n78(3700-3800)	30	20	650000	1@1	DFT_256QAM	13.5
n78(3700-3800)	30	20	650000	1@49	DFT_256QAM	13.64
n78(3700-3800)	30	20	650000	51@0	CP_QPSK	15.05
n78(3700-3800)	30	20	650000	25@12	CP_QPSK	16.58
n78(3700-3800)	30	20	650000	1@1	CP_QPSK	16.42
n78(3700-3800)	30	20	650000	1@49	CP_QPSK	16.54
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	17.55
n78(3700-3800)	30	20	652666	25@12	DFT_BPSK	18.06
n78(3700-3800)	30	20	652666	1@1	DFT_BPSK	17.82
n78(3700-3800)	30	20	652666	1@49	DFT_BPSK	17.91
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	17
n78(3700-3800)	30	20	652666	25@12	DFT_QPSK	18.06
n78(3700-3800)	30	20	652666	1@1	DFT_QPSK	17.81
n78(3700-3800)	30	20	652666	1@49	DFT_QPSK	17.88
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	16.03
n78(3700-3800)	30	20	652666	25@12	DFT_16QAM	17.07
n78(3700-3800)	30	20	652666	1@1	DFT_16QAM	16.69
n78(3700-3800)	30	20	652666	1@49	DFT_16QAM	16.78
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	15.5
n78(3700-3800)	30	20	652666	25@12	DFT_64QAM	15.57
n78(3700-3800)	30	20	652666	1@1	DFT_64QAM	15.19
n78(3700-3800)	30	20	652666	1@49	DFT_64QAM	15.33
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	13.54
n78(3700-3800)	30	20	652666	25@12	DFT_256QAM	13.54
n78(3700-3800)	30	20	652666	1@1	DFT_256QAM	13.5
n78(3700-3800)	30	20	652666	1@49	DFT_256QAM	13.62
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	14.98
n78(3700-3800)	30	20	652666	25@12	CP_QPSK	16.56
n78(3700-3800)	30	20	652666	1@1	CP_QPSK	16.31
n78(3700-3800)	30	20	652666	1@49	CP_QPSK	16.44
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	16.92
n78(3700-3800)	30	40	648000	50@25	DFT_BPSK	17.49
n78(3700-3800)	30	40	648000	1@1	DFT_BPSK	17
n78(3700-3800)	30	40	648000	1@104	DFT_BPSK	17.17
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	16.41
n78(3700-3800)	30	40	648000	50@25	DFT_QPSK	17.49
n78(3700-3800)	30	40	648000	1@1	DFT_QPSK	16.95
n78(3700-3800)	30	40	648000	1@104	DFT_QPSK	17.12
n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	15.43
n78(3700-3800)	30	40	648000	50@25	DFT_16QAM	16.5
n78(3700-3800)	30	40	648000	1@1	DFT_16QAM	15.93



n78(3700-3800)	30	40	648000	1@104	DFT_16QAM	16.03
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	14.91
n78(3700-3800)	30	40	648000	50@25	DFT_64QAM	14.96
n78(3700-3800)	30	40	648000	1@1	DFT_64QAM	14.58
n78(3700-3800)	30	40	648000	1@104	DFT_64QAM	14.7
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	12.93
n78(3700-3800)	30	40	648000	50@25	DFT_256QAM	12.99
n78(3700-3800)	30	40	648000	1@1	DFT_256QAM	12.66
n78(3700-3800)	30	40	648000	1@104	DFT_256QAM	12.8
n78(3700-3800)	30	40	648000	106@0	CP_QPSK	14.38
n78(3700-3800)	30	40	648000	53@26	CP_QPSK	15.97
n78(3700-3800)	30	40	648000	1@1	CP_QPSK	15.49
n78(3700-3800)	30	40	648000	1@104	CP_QPSK	15.67
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	17.09
n78(3700-3800)	30	40	650000	50@25	DFT_BPSK	17.66
n78(3700-3800)	30	40	650000	1@1	DFT_BPSK	17.17
n78(3700-3800)	30	40	650000	1@104	DFT_BPSK	17.29
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	16.6
n78(3700-3800)	30	40	650000	50@25	DFT_QPSK	17.68
n78(3700-3800)	30	40	650000	1@1	DFT_QPSK	17.11
n78(3700-3800)	30	40	650000	1@104	DFT_QPSK	17.27
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	15.57
n78(3700-3800)	30	40	650000	50@25	DFT_16QAM	16.64
n78(3700-3800)	30	40	650000	1@1	DFT_16QAM	16.1
n78(3700-3800)	30	40	650000	1@104	DFT_16QAM	16.24
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	15.1
n78(3700-3800)	30	40	650000	50@25	DFT_64QAM	15.2
n78(3700-3800)	30	40	650000	1@1	DFT_64QAM	14.71
n78(3700-3800)	30	40	650000	1@104	DFT_64QAM	14.93
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	13.08
n78(3700-3800)	30	40	650000	50@25	DFT_256QAM	13.16
n78(3700-3800)	30	40	650000	1@1	DFT_256QAM	12.93
n78(3700-3800)	30	40	650000	1@104	DFT_256QAM	13.02
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	14.52
n78(3700-3800)	30	40	650000	53@26	CP_QPSK	16.12
n78(3700-3800)	30	40	650000	1@1	CP_QPSK	15.67
n78(3700-3800)	30	40	650000	1@104	CP_QPSK	15.82
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	17.09
n78(3700-3800)	30	40	652000	50@25	DFT_BPSK	17.66
n78(3700-3800)	30	40	652000	1@1	DFT_BPSK	16.99
n78(3700-3800)	30	40	652000	1@104	DFT_BPSK	17.42
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	16.59
n78(3700-3800)	30	40	652000	50@25	DFT_QPSK	17.62
n78(3700-3800)	30	40	652000	1@1	DFT_QPSK	16.98
n78(3700-3800)	30	40	652000	1@104	DFT_QPSK	17.43
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	15.63
n78(3700-3800)	30	40	652000	50@25	DFT_16QAM	16.65
n78(3700-3800)	30	40	652000	1@1	DFT_16QAM	15.9



n78(3700-3800)	30	40	652000	1@104	DFT_16QAM	16.34
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	15.04
n78(3700-3800)	30	40	652000	50@25	DFT_64QAM	15.08
n78(3700-3800)	30	40	652000	1@1	DFT_64QAM	14.52
n78(3700-3800)	30	40	652000	1@104	DFT_64QAM	14.89
n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	13.05
n78(3700-3800)	30	40	652000	50@25	DFT_256QAM	13.11
n78(3700-3800)	30	40	652000	1@1	DFT_256QAM	12.59
n78(3700-3800)	30	40	652000	1@104	DFT_256QAM	13.1
n78(3700-3800)	30	40	652000	106@0	CP_QPSK	14.52
n78(3700-3800)	30	40	652000	53@26	CP_QPSK	16.14
n78(3700-3800)	30	40	652000	1@1	CP_QPSK	15.49
n78(3700-3800)	30	40	652000	1@104	CP_QPSK	15.9
n78(3700-3800)	30	50	648334	128@0	DFT_BPSK	17.02
n78(3700-3800)	30	50	648334	64@32	DFT_BPSK	17.55
n78(3700-3800)	30	50	648334	1@1	DFT_BPSK	17.3
n78(3700-3800)	30	50	648334	1@131	DFT_BPSK	17.46
n78(3700-3800)	30	50	648334	128@0	DFT_QPSK	16.53
n78(3700-3800)	30	50	648334	64@32	DFT_QPSK	17.55
n78(3700-3800)	30	50	648334	1@1	DFT_QPSK	17.3
n78(3700-3800)	30	50	648334	1@131	DFT_QPSK	17.38
n78(3700-3800)	30	50	648334	128@0	DFT_16QAM	15.53
n78(3700-3800)	30	50	648334	64@32	DFT_16QAM	16.57
n78(3700-3800)	30	50	648334	1@1	DFT_16QAM	16.14
n78(3700-3800)	30	50	648334	1@131	DFT_16QAM	16.34
n78(3700-3800)	30	50	648334	128@0	DFT_64QAM	15.02
n78(3700-3800)	30	50	648334	64@32	DFT_64QAM	15.06
n78(3700-3800)	30	50	648334	1@1	DFT_64QAM	14.8
n78(3700-3800)	30	50	648334	1@131	DFT_64QAM	14.93
n78(3700-3800)	30	50	648334	128@0	DFT_256QAM	12.99
n78(3700-3800)	30	50	648334	64@32	DFT_256QAM	13.06
n78(3700-3800)	30	50	648334	1@1	DFT_256QAM	12.9
n78(3700-3800)	30	50	648334	1@131	DFT_256QAM	13.03
n78(3700-3800)	30	50	648334	133@0	CP_QPSK	14.49
n78(3700-3800)	30	50	648334	67@33	CP_QPSK	16.02
n78(3700-3800)	30	50	648334	1@1	CP_QPSK	15.76
n78(3700-3800)	30	50	648334	1@131	CP_QPSK	15.89
n78(3700-3800)	30	50	650000	128@0	DFT_BPSK	17.16
n78(3700-3800)	30	50	650000	64@32	DFT_BPSK	17.7
n78(3700-3800)	30	50	650000	1@1	DFT_BPSK	17.45
n78(3700-3800)	30	50	650000	1@131	DFT_BPSK	17.63
n78(3700-3800)	30	50	650000	128@0	DFT_QPSK	16.67
n78(3700-3800)	30	50	650000	64@32	DFT_QPSK	17.73
n78(3700-3800)	30	50	650000	1@1	DFT_QPSK	17.44
n78(3700-3800)	30	50	650000	1@131	DFT_QPSK	17.62
n78(3700-3800)	30	50	650000	128@0	DFT_16QAM	15.68
n78(3700-3800)	30	50	650000	64@32	DFT_16QAM	16.7
n78(3700-3800)	30	50	650000	1@1	DFT_16QAM	16.3



n78(3700-3800)	30	50	650000	1@131	DFT_16QAM	16.58
n78(3700-3800)	30	50	650000	128@0	DFT_64QAM	15.17
n78(3700-3800)	30	50	650000	64@32	DFT_64QAM	15.22
n78(3700-3800)	30	50	650000	1@1	DFT_64QAM	14.94
n78(3700-3800)	30	50	650000	1@131	DFT_64QAM	15.12
n78(3700-3800)	30	50	650000	128@0	DFT_256QAM	13.16
n78(3700-3800)	30	50	650000	64@32	DFT_256QAM	13.19
n78(3700-3800)	30	50	650000	1@1	DFT_256QAM	13.12
n78(3700-3800)	30	50	650000	1@131	DFT_256QAM	13.24
n78(3700-3800)	30	50	650000	133@0	CP_QPSK	14.65
n78(3700-3800)	30	50	650000	67@33	CP_QPSK	16.2
n78(3700-3800)	30	50	650000	1@1	CP_QPSK	16.03
n78(3700-3800)	30	50	650000	1@131	CP_QPSK	16.15
n78(3700-3800)	30	50	651666	128@0	DFT_BPSK	17.12
n78(3700-3800)	30	50	651666	64@32	DFT_BPSK	17.68
n78(3700-3800)	30	50	651666	1@1	DFT_BPSK	17.29
n78(3700-3800)	30	50	651666	1@131	DFT_BPSK	17.72
n78(3700-3800)	30	50	651666	128@0	DFT_QPSK	16.62
n78(3700-3800)	30	50	651666	64@32	DFT_QPSK	17.66
n78(3700-3800)	30	50	651666	1@1	DFT_QPSK	17.24
n78(3700-3800)	30	50	651666	1@131	DFT_QPSK	17.74
n78(3700-3800)	30	50	651666	128@0	DFT_16QAM	15.62
n78(3700-3800)	30	50	651666	64@32	DFT_16QAM	16.67
n78(3700-3800)	30	50	651666	1@1	DFT_16QAM	16.19
n78(3700-3800)	30	50	651666	1@131	DFT_16QAM	16.63
n78(3700-3800)	30	50	651666	128@0	DFT_64QAM	15.02
n78(3700-3800)	30	50	651666	64@32	DFT_64QAM	15.13
n78(3700-3800)	30	50	651666	1@1	DFT_64QAM	14.67
n78(3700-3800)	30	50	651666	1@131	DFT_64QAM	15.21
n78(3700-3800)	30	50	651666	128@0	DFT_256QAM	13.11
n78(3700-3800)	30	50	651666	64@32	DFT_256QAM	13.12
n78(3700-3800)	30	50	651666	1@1	DFT_256QAM	12.77
n78(3700-3800)	30	50	651666	1@131	DFT_256QAM	13.28
n78(3700-3800)	30	50	651666	133@0	CP_QPSK	14.58
n78(3700-3800)	30	50	651666	67@33	CP_QPSK	16.11
n78(3700-3800)	30	50	651666	1@1	CP_QPSK	15.8
n78(3700-3800)	30	50	651666	1@131	CP_QPSK	16.28
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	16.95
n78(3700-3800)	30	60	648668	81@40	DFT_BPSK	17.57
n78(3700-3800)	30	60	648668	1@1	DFT_BPSK	17.26
n78(3700-3800)	30	60	648668	1@160	DFT_BPSK	17.38
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	16.43
n78(3700-3800)	30	60	648668	81@40	DFT_QPSK	17.56
n78(3700-3800)	30	60	648668	1@1	DFT_QPSK	17.17
n78(3700-3800)	30	60	648668	1@160	DFT_QPSK	17.31
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	15.46
n78(3700-3800)	30	60	648668	81@40	DFT_16QAM	16.5
n78(3700-3800)	30	60	648668	1@1	DFT_16QAM	16.01



n78(3700-3800)	30	60	648668	1@160	DFT_16QAM	16.23
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	14.97
n78(3700-3800)	30	60	648668	81@40	DFT_64QAM	15.01
n78(3700-3800)	30	60	648668	1@1	DFT_64QAM	14.67
n78(3700-3800)	30	60	648668	1@160	DFT_64QAM	14.84
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	12.92
n78(3700-3800)	30	60	648668	81@40	DFT_256QAM	13.03
n78(3700-3800)	30	60	648668	1@1	DFT_256QAM	12.88
n78(3700-3800)	30	60	648668	1@160	DFT_256QAM	13
n78(3700-3800)	30	60	648668	162@0	CP_QPSK	14.42
n78(3700-3800)	30	60	648668	81@40	CP_QPSK	16.03
n78(3700-3800)	30	60	648668	1@1	CP_QPSK	15.75
n78(3700-3800)	30	60	648668	1@160	CP_QPSK	15.97
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	17.1
n78(3700-3800)	30	60	650000	81@40	DFT_BPSK	17.7
n78(3700-3800)	30	60	650000	1@1	DFT_BPSK	17.39
n78(3700-3800)	30	60	650000	1@160	DFT_BPSK	17.59
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	16.63
n78(3700-3800)	30	60	650000	81@40	DFT_QPSK	17.7
n78(3700-3800)	30	60	650000	1@1	DFT_QPSK	17.39
n78(3700-3800)	30	60	650000	1@160	DFT_QPSK	17.61
n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	15.61
n78(3700-3800)	30	60	650000	81@40	DFT_16QAM	16.66
n78(3700-3800)	30	60	650000	1@1	DFT_16QAM	16.26
n78(3700-3800)	30	60	650000	1@160	DFT_16QAM	16.5
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	15.12
n78(3700-3800)	30	60	650000	81@40	DFT_64QAM	15.17
n78(3700-3800)	30	60	650000	1@1	DFT_64QAM	14.85
n78(3700-3800)	30	60	650000	1@160	DFT_64QAM	15.04
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	13.1
n78(3700-3800)	30	60	650000	81@40	DFT_256QAM	13.2
n78(3700-3800)	30	60	650000	1@1	DFT_256QAM	12.99
n78(3700-3800)	30	60	650000	1@160	DFT_256QAM	13.24
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	14.61
n78(3700-3800)	30	60	650000	81@40	CP_QPSK	16.17
n78(3700-3800)	30	60	650000	1@1	CP_QPSK	15.88
n78(3700-3800)	30	60	650000	1@160	CP_QPSK	16.17
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	17.1
n78(3700-3800)	30	60	651332	81@40	DFT_BPSK	17.67
n78(3700-3800)	30	60	651332	1@1	DFT_BPSK	17.27
n78(3700-3800)	30	60	651332	1@160	DFT_BPSK	17.76
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	16.62
n78(3700-3800)	30	60	651332	81@40	DFT_QPSK	17.63
n78(3700-3800)	30	60	651332	1@1	DFT_QPSK	17.22
n78(3700-3800)	30	60	651332	1@160	DFT_QPSK	17.68
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	15.59
n78(3700-3800)	30	60	651332	81@40	DFT_16QAM	16.68
n78(3700-3800)	30	60	651332	1@1	DFT_16QAM	16.26



n78(3700-3800)	30	60	651332	1@160	DFT_16QAM	16.57
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	15.11
n78(3700-3800)	30	60	651332	81@40	DFT_64QAM	15.11
n78(3700-3800)	30	60	651332	1@1	DFT_64QAM	14.68
n78(3700-3800)	30	60	651332	1@160	DFT_64QAM	15.08
n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	13.13
n78(3700-3800)	30	60	651332	81@40	DFT_256QAM	13.12
n78(3700-3800)	30	60	651332	1@1	DFT_256QAM	12.94
n78(3700-3800)	30	60	651332	1@160	DFT_256QAM	13.27
n78(3700-3800)	30	60	651332	162@0	CP_QPSK	14.61
n78(3700-3800)	30	60	651332	81@40	CP_QPSK	16.12
n78(3700-3800)	30	60	651332	1@1	CP_QPSK	15.81
n78(3700-3800)	30	60	651332	1@160	CP_QPSK	16.33
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	17.28
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	17.8
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	17.48
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	17.67
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	16.81
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	17.81
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	17.4
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	17.61
n78(3700-3800)	30	70	649000	180@0	DFT_16QAM	15.74
n78(3700-3800)	30	70	649000	90@45	DFT_16QAM	16.8
n78(3700-3800)	30	70	649000	1@1	DFT_16QAM	16.36
n78(3700-3800)	30	70	649000	1@187	DFT_16QAM	16.57
n78(3700-3800)	30	70	649000	180@0	DFT_64QAM	15.28
n78(3700-3800)	30	70	649000	90@45	DFT_64QAM	15.29
n78(3700-3800)	30	70	649000	1@1	DFT_64QAM	14.85
n78(3700-3800)	30	70	649000	1@187	DFT_64QAM	15.01
n78(3700-3800)	30	70	649000	180@0	DFT_256QAM	13.3
n78(3700-3800)	30	70	649000	90@45	DFT_256QAM	13.27
n78(3700-3800)	30	70	649000	1@1	DFT_256QAM	13.12
n78(3700-3800)	30	70	649000	1@187	DFT_256QAM	13.23
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	14.79
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	16.26
n78(3700-3800)	30	70	649000	1@1	CP_QPSK	15.95
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	16.17
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	17.32
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	17.88
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	17.39
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	17.71
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	16.79
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	17.85
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	17.34
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	17.7
n78(3700-3800)	30	70	650000	180@0	DFT_16QAM	15.77
n78(3700-3800)	30	70	650000	90@45	DFT_16QAM	16.84
n78(3700-3800)	30	70	650000	1@1	DFT_16QAM	16.24



n78(3700-3800)	30	70	650000	1@187	DFT_16QAM	16.63
n78(3700-3800)	30	70	650000	180@0	DFT_64QAM	15.3
n78(3700-3800)	30	70	650000	90@45	DFT_64QAM	15.33
n78(3700-3800)	30	70	650000	1@1	DFT_64QAM	14.79
n78(3700-3800)	30	70	650000	1@187	DFT_64QAM	15.14
n78(3700-3800)	30	70	650000	180@0	DFT_256QAM	13.33
n78(3700-3800)	30	70	650000	90@45	DFT_256QAM	13.3
n78(3700-3800)	30	70	650000	1@1	DFT_256QAM	12.97
n78(3700-3800)	30	70	650000	1@187	DFT_256QAM	13.3
n78(3700-3800)	30	70	650000	189@0	CP_QPSK	14.82
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	16.29
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	15.91
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	16.23
n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	17.32
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	17.85
n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	17.34
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	17.8
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	16.83
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	17.9
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	17.31
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	17.82
n78(3700-3800)	30	70	651000	180@0	DFT_16QAM	15.8
n78(3700-3800)	30	70	651000	90@45	DFT_16QAM	16.84
n78(3700-3800)	30	70	651000	1@1	DFT_16QAM	16.18
n78(3700-3800)	30	70	651000	1@187	DFT_16QAM	16.74
n78(3700-3800)	30	70	651000	180@0	DFT_64QAM	15.29
n78(3700-3800)	30	70	651000	90@45	DFT_64QAM	15.36
n78(3700-3800)	30	70	651000	1@1	DFT_64QAM	14.77
n78(3700-3800)	30	70	651000	1@187	DFT_64QAM	15.17
n78(3700-3800)	30	70	651000	180@0	DFT_256QAM	13.31
n78(3700-3800)	30	70	651000	90@45	DFT_256QAM	13.31
n78(3700-3800)	30	70	651000	1@1	DFT_256QAM	12.92
n78(3700-3800)	30	70	651000	1@187	DFT_256QAM	13.43
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	14.85
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	16.36
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	15.82
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	16.33
n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	18.03
n78(3700-3800)	30	80	649334	108@54	DFT_BPSK	14.55
n78(3700-3800)	30	80	649334	1@1	DFT_BPSK	18.02
n78(3700-3800)	30	80	649334	1@215	DFT_BPSK	14.54
n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	14.46
n78(3700-3800)	30	80	649334	108@54	DFT_QPSK	14.5
n78(3700-3800)	30	80	649334	1@1	DFT_QPSK	18.01
n78(3700-3800)	30	80	649334	1@215	DFT_QPSK	14.51
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	14.38
n78(3700-3800)	30	80	649334	108@54	DFT_16QAM	14.35
n78(3700-3800)	30	80	649334	1@1	DFT_16QAM	16.83



n78(3700-3800)	30	80	649334	1@215	DFT_16QAM	14.37
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	14.48
n78(3700-3800)	30	80	649334	108@54	DFT_64QAM	14.54
n78(3700-3800)	30	80	649334	1@1	DFT_64QAM	15.45
n78(3700-3800)	30	80	649334	1@215	DFT_64QAM	14.53
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	13.63
n78(3700-3800)	30	80	649334	108@54	DFT_256QAM	13.72
n78(3700-3800)	30	80	649334	1@1	DFT_256QAM	13.69
n78(3700-3800)	30	80	649334	1@215	DFT_256QAM	13.68
n78(3700-3800)	30	80	649334	217@0	CP_QPSK	15.09
n78(3700-3800)	30	80	649334	109@54	CP_QPSK	15.07
n78(3700-3800)	30	80	649334	1@1	CP_QPSK	16.52
n78(3700-3800)	30	80	649334	1@215	CP_QPSK	14.53
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	17.27
n78(3700-3800)	30	80	650000	108@54	DFT_BPSK	17.85
n78(3700-3800)	30	80	650000	1@1	DFT_BPSK	17.28
n78(3700-3800)	30	80	650000	1@215	DFT_BPSK	17.67
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	16.79
n78(3700-3800)	30	80	650000	108@54	DFT_QPSK	17.85
n78(3700-3800)	30	80	650000	1@1	DFT_QPSK	17.29
n78(3700-3800)	30	80	650000	1@215	DFT_QPSK	17.65
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	15.78
n78(3700-3800)	30	80	650000	108@54	DFT_16QAM	16.83
n78(3700-3800)	30	80	650000	1@1	DFT_16QAM	16.15
n78(3700-3800)	30	80	650000	1@215	DFT_16QAM	16.54
n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	15.24
n78(3700-3800)	30	80	650000	108@54	DFT_64QAM	15.33
n78(3700-3800)	30	80	650000	1@1	DFT_64QAM	14.65
n78(3700-3800)	30	80	650000	1@215	DFT_64QAM	15.03
n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	13.31
n78(3700-3800)	30	80	650000	108@54	DFT_256QAM	13.34
n78(3700-3800)	30	80	650000	1@1	DFT_256QAM	12.89
n78(3700-3800)	30	80	650000	1@215	DFT_256QAM	13.24
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	14.78
n78(3700-3800)	30	80	650000	109@54	CP_QPSK	16.34
n78(3700-3800)	30	80	650000	1@1	CP_QPSK	15.74
n78(3700-3800)	30	80	650000	1@215	CP_QPSK	16.13
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	17.23
n78(3700-3800)	30	80	650666	108@54	DFT_BPSK	17.85
n78(3700-3800)	30	80	650666	1@1	DFT_BPSK	17.21
n78(3700-3800)	30	80	650666	1@215	DFT_BPSK	17.64
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	16.75
n78(3700-3800)	30	80	650666	108@54	DFT_QPSK	17.84
n78(3700-3800)	30	80	650666	1@1	DFT_QPSK	17.2
n78(3700-3800)	30	80	650666	1@215	DFT_QPSK	17.64
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	15.75
n78(3700-3800)	30	80	650666	108@54	DFT_16QAM	16.82
n78(3700-3800)	30	80	650666	1@1	DFT_16QAM	16.12



n78(3700-3800)	30	80	650666	1@215	DFT_16QAM	16.54
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	15.21
n78(3700-3800)	30	80	650666	108@54	DFT_64QAM	15.34
n78(3700-3800)	30	80	650666	1@1	DFT_64QAM	14.59
n78(3700-3800)	30	80	650666	1@215	DFT_64QAM	15.02
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	13.25
n78(3700-3800)	30	80	650666	108@54	DFT_256QAM	13.31
n78(3700-3800)	30	80	650666	1@1	DFT_256QAM	12.82
n78(3700-3800)	30	80	650666	1@215	DFT_256QAM	13.28
n78(3700-3800)	30	80	650666	217@0	CP_QPSK	14.77
n78(3700-3800)	30	80	650666	109@54	CP_QPSK	16.35
n78(3700-3800)	30	80	650666	1@1	CP_QPSK	15.68
n78(3700-3800)	30	80	650666	1@215	CP_QPSK	16.17
n78(3700-3800)	30	90	649668	243@0	DFT_BPSK	17.31
n78(3700-3800)	30	90	649668	120@60	DFT_BPSK	17.84
n78(3700-3800)	30	90	649668	1@1	DFT_BPSK	17.23
n78(3700-3800)	30	90	649668	1@243	DFT_BPSK	17.61
n78(3700-3800)	30	90	649668	243@0	DFT_QPSK	16.8
n78(3700-3800)	30	90	649668	120@60	DFT_QPSK	17.85
n78(3700-3800)	30	90	649668	1@1	DFT_QPSK	17.2
n78(3700-3800)	30	90	649668	1@243	DFT_QPSK	17.59
n78(3700-3800)	30	90	649668	243@0	DFT_16QAM	15.79
n78(3700-3800)	30	90	649668	120@60	DFT_16QAM	16.85
n78(3700-3800)	30	90	649668	1@1	DFT_16QAM	16.09
n78(3700-3800)	30	90	649668	1@243	DFT_16QAM	16.47
n78(3700-3800)	30	90	649668	243@0	DFT_64QAM	15.28
n78(3700-3800)	30	90	649668	120@60	DFT_64QAM	15.31
n78(3700-3800)	30	90	649668	1@1	DFT_64QAM	14.57
n78(3700-3800)	30	90	649668	1@243	DFT_64QAM	14.99
n78(3700-3800)	30	90	649668	243@0	DFT_256QAM	13.29
n78(3700-3800)	30	90	649668	120@60	DFT_256QAM	13.32
n78(3700-3800)	30	90	649668	1@1	DFT_256QAM	12.9
n78(3700-3800)	30	90	649668	1@243	DFT_256QAM	13.27
n78(3700-3800)	30	90	649668	245@0	CP_QPSK	14.8
n78(3700-3800)	30	90	649668	123@61	CP_QPSK	16.31
n78(3700-3800)	30	90	649668	1@1	CP_QPSK	15.74
n78(3700-3800)	30	90	649668	1@243	CP_QPSK	16.08
n78(3700-3800)	30	90	650000	243@0	DFT_BPSK	17.33
n78(3700-3800)	30	90	650000	120@60	DFT_BPSK	17.85
n78(3700-3800)	30	90	650000	1@1	DFT_BPSK	17.21
n78(3700-3800)	30	90	650000	1@243	DFT_BPSK	17.57
n78(3700-3800)	30	90	650000	243@0	DFT_QPSK	16.75
n78(3700-3800)	30	90	650000	120@60	DFT_QPSK	17.82
n78(3700-3800)	30	90	650000	1@1	DFT_QPSK	17.19
n78(3700-3800)	30	90	650000	1@243	DFT_QPSK	17.57
n78(3700-3800)	30	90	650000	243@0	DFT_16QAM	15.77
n78(3700-3800)	30	90	650000	120@60	DFT_16QAM	16.83
n78(3700-3800)	30	90	650000	1@1	DFT_16QAM	16.08



n78(3700-3800)	30	90	650000	1@243	DFT_16QAM	16.43
n78(3700-3800)	30	90	650000	243@0	DFT_64QAM	15.27
n78(3700-3800)	30	90	650000	120@60	DFT_64QAM	15.29
n78(3700-3800)	30	90	650000	1@1	DFT_64QAM	14.62
n78(3700-3800)	30	90	650000	1@243	DFT_64QAM	15
n78(3700-3800)	30	90	650000	243@0	DFT_256QAM	13.29
n78(3700-3800)	30	90	650000	120@60	DFT_256QAM	13.32
n78(3700-3800)	30	90	650000	1@1	DFT_256QAM	12.9
n78(3700-3800)	30	90	650000	1@243	DFT_256QAM	13.24
n78(3700-3800)	30	90	650000	245@0	CP_QPSK	14.81
n78(3700-3800)	30	90	650000	123@61	CP_QPSK	16.29
n78(3700-3800)	30	90	650000	1@1	CP_QPSK	15.75
n78(3700-3800)	30	90	650000	1@243	CP_QPSK	16.1
n78(3700-3800)	30	90	650332	243@0	DFT_BPSK	17.26
n78(3700-3800)	30	90	650332	120@60	DFT_BPSK	17.83
n78(3700-3800)	30	90	650332	1@1	DFT_BPSK	17.19
n78(3700-3800)	30	90	650332	1@243	DFT_BPSK	17.56
n78(3700-3800)	30	90	650332	243@0	DFT_QPSK	16.75
n78(3700-3800)	30	90	650332	120@60	DFT_QPSK	17.83
n78(3700-3800)	30	90	650332	1@1	DFT_QPSK	17.14
n78(3700-3800)	30	90	650332	1@243	DFT_QPSK	17.55
n78(3700-3800)	30	90	650332	243@0	DFT_16QAM	15.73
n78(3700-3800)	30	90	650332	120@60	DFT_16QAM	16.83
n78(3700-3800)	30	90	650332	1@1	DFT_16QAM	16.05
n78(3700-3800)	30	90	650332	1@243	DFT_16QAM	16.44
n78(3700-3800)	30	90	650332	243@0	DFT_64QAM	15.21
n78(3700-3800)	30	90	650332	120@60	DFT_64QAM	15.29
n78(3700-3800)	30	90	650332	1@1	DFT_64QAM	14.54
n78(3700-3800)	30	90	650332	1@243	DFT_64QAM	14.93
n78(3700-3800)	30	90	650332	243@0	DFT_256QAM	13.25
n78(3700-3800)	30	90	650332	120@60	DFT_256QAM	13.31
n78(3700-3800)	30	90	650332	1@1	DFT_256QAM	12.8
n78(3700-3800)	30	90	650332	1@243	DFT_256QAM	13.23
n78(3700-3800)	30	90	650332	245@0	CP_QPSK	14.75
n78(3700-3800)	30	90	650332	123@61	CP_QPSK	16.28
n78(3700-3800)	30	90	650332	1@1	CP_QPSK	15.67
n78(3700-3800)	30	90	650332	1@243	CP_QPSK	16.16
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	17.25
n78(3700-3800)	30	100	650000	135@67	DFT_BPSK	17.85
n78(3700-3800)	30	100	650000	1@1	DFT_BPSK	17.16
n78(3700-3800)	30	100	650000	1@271	DFT_BPSK	17.53
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	16.76
n78(3700-3800)	30	100	650000	135@67	DFT_QPSK	17.87
n78(3700-3800)	30	100	650000	1@1	DFT_QPSK	17.13
n78(3700-3800)	30	100	650000	1@271	DFT_QPSK	17.51
n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	15.76
n78(3700-3800)	30	100	650000	135@67	DFT_16QAM	16.87
n78(3700-3800)	30	100	650000	1@1	DFT_16QAM	16.06



n78(3700-3800)	30	100	650000	1@271	DFT_16QAM	16.48
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	15.21
n78(3700-3800)	30	100	650000	135@67	DFT_64QAM	15.34
n78(3700-3800)	30	100	650000	1@1	DFT_64QAM	14.53
n78(3700-3800)	30	100	650000	1@271	DFT_64QAM	14.93
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	13.27
n78(3700-3800)	30	100	650000	135@67	DFT_256QAM	13.36
n78(3700-3800)	30	100	650000	1@1	DFT_256QAM	12.78
n78(3700-3800)	30	100	650000	1@271	DFT_256QAM	13.25
n78(3700-3800)	30	100	650000	273@0	CP_QPSK	14.79
n78(3700-3800)	30	100	650000	137@68	CP_QPSK	16.33
n78(3700-3800)	30	100	650000	1@1	CP_QPSK	15.66
n78(3700-3800)	30	100	650000	1@271	CP_QPSK	16.06



NSA

N78+B4

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
DC_4A_n78A	30	10	630334	24@0	DFT_BPSK	16.88
DC_4A_n78A	30	10	630334	12@6	DFT_BPSK	17.43
DC_4A_n78A	30	10	630334	1@1	DFT_BPSK	17.36
DC_4A_n78A	30	10	630334	1@22	DFT_BPSK	17.33
DC_4A_n78A	30	10	630334	24@0	DFT_QPSK	16.41
DC_4A_n78A	30	10	630334	12@6	DFT_QPSK	17.46
DC_4A_n78A	30	10	630334	1@1	DFT_QPSK	17.35
DC_4A_n78A	30	10	630334	1@22	DFT_QPSK	17.28
DC_4A_n78A	30	10	630334	24@0	DFT_16QAM	15.43
DC_4A_n78A	30	10	630334	12@6	DFT_16QAM	16.4
DC_4A_n78A	30	10	630334	1@1	DFT_16QAM	16.29
DC_4A_n78A	30	10	630334	1@22	DFT_16QAM	16.22
DC_4A_n78A	30	10	630334	24@0	DFT_64QAM	14.94
DC_4A_n78A	30	10	630334	12@6	DFT_64QAM	14.96
DC_4A_n78A	30	10	630334	1@1	DFT_64QAM	15.02
DC_4A_n78A	30	10	630334	1@22	DFT_64QAM	14.81
DC_4A_n78A	30	10	630334	24@0	DFT_256QAM	12.93
DC_4A_n78A	30	10	630334	12@6	DFT_256QAM	12.88
DC_4A_n78A	30	10	630334	1@1	DFT_256QAM	12.97
DC_4A_n78A	30	10	630334	1@22	DFT_256QAM	12.95
DC_4A_n78A	30	10	630334	24@0	CP_QPSK	14.42
DC_4A_n78A	30	10	630334	12@6	CP_QPSK	15.87
DC_4A_n78A	30	10	630334	1@1	CP_QPSK	15.92
DC_4A_n78A	30	10	630334	1@22	CP_QPSK	15.86
DC_4A_n78A	30	10	633334	24@0	DFT_BPSK	16.78
DC_4A_n78A	30	10	633334	12@6	DFT_BPSK	17.28
DC_4A_n78A	30	10	633334	1@1	DFT_BPSK	17.23
DC_4A_n78A	30	10	633334	1@22	DFT_BPSK	17.22
DC_4A_n78A	30	10	633334	24@0	DFT_QPSK	16.28
DC_4A_n78A	30	10	633334	12@6	DFT_QPSK	17.3
DC_4A_n78A	30	10	633334	1@1	DFT_QPSK	17.19
DC_4A_n78A	30	10	633334	1@22	DFT_QPSK	17.17
DC_4A_n78A	30	10	633334	24@0	DFT_16QAM	15.3
DC_4A_n78A	30	10	633334	12@6	DFT_16QAM	16.35
DC_4A_n78A	30	10	633334	1@1	DFT_16QAM	16.17
DC_4A_n78A	30	10	633334	1@22	DFT_16QAM	16.15
DC_4A_n78A	30	10	633334	24@0	DFT_64QAM	14.85
DC_4A_n78A	30	10	633334	12@6	DFT_64QAM	14.86
DC_4A_n78A	30	10	633334	1@1	DFT_64QAM	14.81
DC_4A_n78A	30	10	633334	1@22	DFT_64QAM	14.8
DC_4A_n78A	30	10	633334	24@0	DFT_256QAM	12.84
DC_4A_n78A	30	10	633334	12@6	DFT_256QAM	12.76
DC_4A_n78A	30	10	633334	1@1	DFT_256QAM	12.81
DC_4A_n78A	30	10	633334	1@22	DFT_256QAM	12.83
DC_4A_n78A	30	10	633334	24@0	CP_QPSK	14.35



DC_4A_n78A	30	10	633334	12@6	CP_QPSK	15.76
DC_4A_n78A	30	10	633334	1@1	CP_QPSK	15.81
DC_4A_n78A	30	10	633334	1@22	CP_QPSK	15.77
DC_4A_n78A	30	10	636332	24@0	DFT_BPSK	16.92
DC_4A_n78A	30	10	636332	12@6	DFT_BPSK	17.45
DC_4A_n78A	30	10	636332	1@1	DFT_BPSK	17.43
DC_4A_n78A	30	10	636332	1@22	DFT_BPSK	17.4
DC_4A_n78A	30	10	636332	24@0	DFT_QPSK	16.44
DC_4A_n78A	30	10	636332	12@6	DFT_QPSK	17.44
DC_4A_n78A	30	10	636332	1@1	DFT_QPSK	17.36
DC_4A_n78A	30	10	636332	1@22	DFT_QPSK	17.36
DC_4A_n78A	30	10	636332	24@0	DFT_16QAM	15.44
DC_4A_n78A	30	10	636332	12@6	DFT_16QAM	16.45
DC_4A_n78A	30	10	636332	1@1	DFT_16QAM	16.32
DC_4A_n78A	30	10	636332	1@22	DFT_16QAM	16.28
DC_4A_n78A	30	10	636332	24@0	DFT_64QAM	14.99
DC_4A_n78A	30	10	636332	12@6	DFT_64QAM	15.02
DC_4A_n78A	30	10	636332	1@1	DFT_64QAM	14.95
DC_4A_n78A	30	10	636332	1@22	DFT_64QAM	14.96
DC_4A_n78A	30	10	636332	24@0	DFT_256QAM	12.98
DC_4A_n78A	30	10	636332	12@6	DFT_256QAM	12.89
DC_4A_n78A	30	10	636332	1@1	DFT_256QAM	12.92
DC_4A_n78A	30	10	636332	1@22	DFT_256QAM	12.92
DC_4A_n78A	30	10	636332	24@0	CP_QPSK	14.46
DC_4A_n78A	30	10	636332	12@6	CP_QPSK	15.91
DC_4A_n78A	30	10	636332	1@1	CP_QPSK	15.9
DC_4A_n78A	30	10	636332	1@22	CP_QPSK	15.89
DC_4A_n78A	30	15	630500	36@0	DFT_BPSK	16.92
DC_4A_n78A	30	15	630500	18@9	DFT_BPSK	17.46
DC_4A_n78A	30	15	630500	1@1	DFT_BPSK	17.42
DC_4A_n78A	30	15	630500	1@36	DFT_BPSK	17.28
DC_4A_n78A	30	15	630500	36@0	DFT_QPSK	16.46
DC_4A_n78A	30	15	630500	18@9	DFT_QPSK	17.49
DC_4A_n78A	30	15	630500	1@1	DFT_QPSK	17.39
DC_4A_n78A	30	15	630500	1@36	DFT_QPSK	17.27
DC_4A_n78A	30	15	630500	36@0	DFT_16QAM	15.45
DC_4A_n78A	30	15	630500	18@9	DFT_16QAM	16.46
DC_4A_n78A	30	15	630500	1@1	DFT_16QAM	16.29
DC_4A_n78A	30	15	630500	1@36	DFT_16QAM	16.2
DC_4A_n78A	30	15	630500	36@0	DFT_64QAM	14.96
DC_4A_n78A	30	15	630500	18@9	DFT_64QAM	14.95
DC_4A_n78A	30	15	630500	1@1	DFT_64QAM	14.95
DC_4A_n78A	30	15	630500	1@36	DFT_64QAM	14.83
DC_4A_n78A	30	15	630500	36@0	DFT_256QAM	12.9
DC_4A_n78A	30	15	630500	18@9	DFT_256QAM	13
DC_4A_n78A	30	15	630500	1@1	DFT_256QAM	12.84
DC_4A_n78A	30	15	630500	1@36	DFT_256QAM	12.8
DC_4A_n78A	30	15	630500	38@0	CP_QPSK	14.46



DC_4A_n78A	30	15	630500	19@9	CP_QPSK	15.95
DC_4A_n78A	30	15	630500	1@1	CP_QPSK	15.98
DC_4A_n78A	30	15	630500	1@36	CP_QPSK	15.82
DC_4A_n78A	30	15	633334	36@0	DFT_BPSK	16.84
DC_4A_n78A	30	15	633334	18@9	DFT_BPSK	17.33
DC_4A_n78A	30	15	633334	1@1	DFT_BPSK	17.29
DC_4A_n78A	30	15	633334	1@36	DFT_BPSK	17.23
DC_4A_n78A	30	15	633334	36@0	DFT_QPSK	16.33
DC_4A_n78A	30	15	633334	18@9	DFT_QPSK	17.33
DC_4A_n78A	30	15	633334	1@1	DFT_QPSK	17.24
DC_4A_n78A	30	15	633334	1@36	DFT_QPSK	17.23
DC_4A_n78A	30	15	633334	36@0	DFT_16QAM	15.35
DC_4A_n78A	30	15	633334	18@9	DFT_16QAM	16.29
DC_4A_n78A	30	15	633334	1@1	DFT_16QAM	16.17
DC_4A_n78A	30	15	633334	1@36	DFT_16QAM	16.14
DC_4A_n78A	30	15	633334	36@0	DFT_64QAM	14.86
DC_4A_n78A	30	15	633334	18@9	DFT_64QAM	14.77
DC_4A_n78A	30	15	633334	1@1	DFT_64QAM	14.8
DC_4A_n78A	30	15	633334	1@36	DFT_64QAM	14.75
DC_4A_n78A	30	15	633334	36@0	DFT_256QAM	12.79
DC_4A_n78A	30	15	633334	18@9	DFT_256QAM	12.83
DC_4A_n78A	30	15	633334	1@1	DFT_256QAM	12.84
DC_4A_n78A	30	15	633334	1@36	DFT_256QAM	12.75
DC_4A_n78A	30	15	633334	38@0	CP_QPSK	14.32
DC_4A_n78A	30	15	633334	19@9	CP_QPSK	15.81
DC_4A_n78A	30	15	633334	1@1	CP_QPSK	15.78
DC_4A_n78A	30	15	633334	1@36	CP_QPSK	15.72
DC_4A_n78A	30	15	636166	36@0	DFT_BPSK	16.93
DC_4A_n78A	30	15	636166	18@9	DFT_BPSK	17.45
DC_4A_n78A	30	15	636166	1@1	DFT_BPSK	17.4
DC_4A_n78A	30	15	636166	1@36	DFT_BPSK	17.36
DC_4A_n78A	30	15	636166	36@0	DFT_QPSK	16.43
DC_4A_n78A	30	15	636166	18@9	DFT_QPSK	17.47
DC_4A_n78A	30	15	636166	1@1	DFT_QPSK	17.38
DC_4A_n78A	30	15	636166	1@36	DFT_QPSK	17.36
DC_4A_n78A	30	15	636166	36@0	DFT_16QAM	15.42
DC_4A_n78A	30	15	636166	18@9	DFT_16QAM	16.47
DC_4A_n78A	30	15	636166	1@1	DFT_16QAM	16.31
DC_4A_n78A	30	15	636166	1@36	DFT_16QAM	16.29
DC_4A_n78A	30	15	636166	36@0	DFT_64QAM	14.95
DC_4A_n78A	30	15	636166	18@9	DFT_64QAM	14.93
DC_4A_n78A	30	15	636166	1@1	DFT_64QAM	14.94
DC_4A_n78A	30	15	636166	1@36	DFT_64QAM	14.89
DC_4A_n78A	30	15	636166	36@0	DFT_256QAM	12.88
DC_4A_n78A	30	15	636166	18@9	DFT_256QAM	12.94
DC_4A_n78A	30	15	636166	1@1	DFT_256QAM	12.95
DC_4A_n78A	30	15	636166	1@36	DFT_256QAM	12.94
DC_4A_n78A	30	15	636166	38@0	CP_QPSK	14.44



DC_4A_n78A	30	15	636166	19@9	CP_QPSK	15.93
DC_4A_n78A	30	15	636166	1@1	CP_QPSK	15.89
DC_4A_n78A	30	15	636166	1@36	CP_QPSK	15.84
DC_4A_n78A	30	20	630668	50@0	DFT_BPSK	16.94
DC_4A_n78A	30	20	630668	25@12	DFT_BPSK	17.49
DC_4A_n78A	30	20	630668	1@1	DFT_BPSK	17.4
DC_4A_n78A	30	20	630668	1@49	DFT_BPSK	17.32
DC_4A_n78A	30	20	630668	50@0	DFT_QPSK	16.48
DC_4A_n78A	30	20	630668	25@12	DFT_QPSK	17.49
DC_4A_n78A	30	20	630668	1@1	DFT_QPSK	17.4
DC_4A_n78A	30	20	630668	1@49	DFT_QPSK	17.26
DC_4A_n78A	30	20	630668	50@0	DFT_16QAM	15.44
DC_4A_n78A	30	20	630668	25@12	DFT_16QAM	16.48
DC_4A_n78A	30	20	630668	1@1	DFT_16QAM	16.3
DC_4A_n78A	30	20	630668	1@49	DFT_16QAM	16.17
DC_4A_n78A	30	20	630668	50@0	DFT_64QAM	14.95
DC_4A_n78A	30	20	630668	25@12	DFT_64QAM	14.94
DC_4A_n78A	30	20	630668	1@1	DFT_64QAM	14.89
DC_4A_n78A	30	20	630668	1@49	DFT_64QAM	14.81
DC_4A_n78A	30	20	630668	50@0	DFT_256QAM	12.97
DC_4A_n78A	30	20	630668	25@12	DFT_256QAM	12.96
DC_4A_n78A	30	20	630668	1@1	DFT_256QAM	12.91
DC_4A_n78A	30	20	630668	1@49	DFT_256QAM	12.82
DC_4A_n78A	30	20	630668	51@0	CP_QPSK	14.43
DC_4A_n78A	30	20	630668	25@12	CP_QPSK	15.92
DC_4A_n78A	30	20	630668	1@1	CP_QPSK	15.93
DC_4A_n78A	30	20	630668	1@49	CP_QPSK	15.82
DC_4A_n78A	30	20	633334	50@0	DFT_BPSK	16.81
DC_4A_n78A	30	20	633334	25@12	DFT_BPSK	17.35
DC_4A_n78A	30	20	633334	1@1	DFT_BPSK	17.25
DC_4A_n78A	30	20	633334	1@49	DFT_BPSK	17.12
DC_4A_n78A	30	20	633334	50@0	DFT_QPSK	16.28
DC_4A_n78A	30	20	633334	25@12	DFT_QPSK	17.36
DC_4A_n78A	30	20	633334	1@1	DFT_QPSK	17.25
DC_4A_n78A	30	20	633334	1@49	DFT_QPSK	17.07
DC_4A_n78A	30	20	633334	50@0	DFT_16QAM	15.29
DC_4A_n78A	30	20	633334	25@12	DFT_16QAM	16.38
DC_4A_n78A	30	20	633334	1@1	DFT_16QAM	16.18
DC_4A_n78A	30	20	633334	1@49	DFT_16QAM	16.04
DC_4A_n78A	30	20	633334	50@0	DFT_64QAM	14.8
DC_4A_n78A	30	20	633334	25@12	DFT_64QAM	14.84
DC_4A_n78A	30	20	633334	1@1	DFT_64QAM	14.75
DC_4A_n78A	30	20	633334	1@49	DFT_64QAM	14.63
DC_4A_n78A	30	20	633334	50@0	DFT_256QAM	12.79
DC_4A_n78A	30	20	633334	25@12	DFT_256QAM	12.82
DC_4A_n78A	30	20	633334	1@1	DFT_256QAM	12.84
DC_4A_n78A	30	20	633334	1@49	DFT_256QAM	12.72
DC_4A_n78A	30	20	633334	51@0	CP_QPSK	14.29



DC_4A_n78A	30	20	633334	25@12	CP_QPSK	15.83
DC_4A_n78A	30	20	633334	1@1	CP_QPSK	15.78
DC_4A_n78A	30	20	633334	1@49	CP_QPSK	15.63
DC_4A_n78A	30	20	636000	50@0	DFT_BPSK	16.87
DC_4A_n78A	30	20	636000	25@12	DFT_BPSK	17.44
DC_4A_n78A	30	20	636000	1@1	DFT_BPSK	17.32
DC_4A_n78A	30	20	636000	1@49	DFT_BPSK	17.33
DC_4A_n78A	30	20	636000	50@0	DFT_QPSK	16.36
DC_4A_n78A	30	20	636000	25@12	DFT_QPSK	17.44
DC_4A_n78A	30	20	636000	1@1	DFT_QPSK	17.29
DC_4A_n78A	30	20	636000	1@49	DFT_QPSK	17.3
DC_4A_n78A	30	20	636000	50@0	DFT_16QAM	15.36
DC_4A_n78A	30	20	636000	25@12	DFT_16QAM	16.44
DC_4A_n78A	30	20	636000	1@1	DFT_16QAM	16.2
DC_4A_n78A	30	20	636000	1@49	DFT_16QAM	16.22
DC_4A_n78A	30	20	636000	50@0	DFT_64QAM	14.86
DC_4A_n78A	30	20	636000	25@12	DFT_64QAM	14.92
DC_4A_n78A	30	20	636000	1@1	DFT_64QAM	14.86
DC_4A_n78A	30	20	636000	1@49	DFT_64QAM	14.85
DC_4A_n78A	30	20	636000	50@0	DFT_256QAM	12.92
DC_4A_n78A	30	20	636000	25@12	DFT_256QAM	12.91
DC_4A_n78A	30	20	636000	1@1	DFT_256QAM	12.96
DC_4A_n78A	30	20	636000	1@49	DFT_256QAM	12.94
DC_4A_n78A	30	20	636000	51@0	CP_QPSK	14.37
DC_4A_n78A	30	20	636000	25@12	CP_QPSK	15.93
DC_4A_n78A	30	20	636000	1@1	CP_QPSK	15.82
DC_4A_n78A	30	20	636000	1@49	CP_QPSK	15.88
DC_4A_n78A	30	40	631334	100@0	DFT_BPSK	16.53
DC_4A_n78A	30	40	631334	50@25	DFT_BPSK	17.1
DC_4A_n78A	30	40	631334	1@1	DFT_BPSK	16.94
DC_4A_n78A	30	40	631334	1@104	DFT_BPSK	16.66
DC_4A_n78A	30	40	631334	100@0	DFT_QPSK	16.09
DC_4A_n78A	30	40	631334	50@25	DFT_QPSK	17.13
DC_4A_n78A	30	40	631334	1@1	DFT_QPSK	16.87
DC_4A_n78A	30	40	631334	1@104	DFT_QPSK	16.66
DC_4A_n78A	30	40	631334	100@0	DFT_16QAM	15.06
DC_4A_n78A	30	40	631334	50@25	DFT_16QAM	16.12
DC_4A_n78A	30	40	631334	1@1	DFT_16QAM	15.83
DC_4A_n78A	30	40	631334	1@104	DFT_16QAM	15.63
DC_4A_n78A	30	40	631334	100@0	DFT_64QAM	14.58
DC_4A_n78A	30	40	631334	50@25	DFT_64QAM	14.57
DC_4A_n78A	30	40	631334	1@1	DFT_64QAM	14.44
DC_4A_n78A	30	40	631334	1@104	DFT_64QAM	14.21
DC_4A_n78A	30	40	631334	100@0	DFT_256QAM	12.57
DC_4A_n78A	30	40	631334	50@25	DFT_256QAM	12.62
DC_4A_n78A	30	40	631334	1@1	DFT_256QAM	12.53
DC_4A_n78A	30	40	631334	1@104	DFT_256QAM	12.29
DC_4A_n78A	30	40	631334	106@0	CP_QPSK	13.98



DC_4A_n78A	30	40	631334	53@26	CP_QPSK	15.58
DC_4A_n78A	30	40	631334	1@1	CP_QPSK	15.47
DC_4A_n78A	30	40	631334	1@104	CP_QPSK	15.19
DC_4A_n78A	30	40	633334	100@0	DFT_BPSK	16.53
DC_4A_n78A	30	40	633334	50@25	DFT_BPSK	17.09
DC_4A_n78A	30	40	633334	1@1	DFT_BPSK	16.79
DC_4A_n78A	30	40	633334	1@104	DFT_BPSK	16.71
DC_4A_n78A	30	40	633334	100@0	DFT_QPSK	16.01
DC_4A_n78A	30	40	633334	50@25	DFT_QPSK	17.1
DC_4A_n78A	30	40	633334	1@1	DFT_QPSK	16.73
DC_4A_n78A	30	40	633334	1@104	DFT_QPSK	16.69
DC_4A_n78A	30	40	633334	100@0	DFT_16QAM	15.03
DC_4A_n78A	30	40	633334	50@25	DFT_16QAM	16.1
DC_4A_n78A	30	40	633334	1@1	DFT_16QAM	15.65
DC_4A_n78A	30	40	633334	1@104	DFT_16QAM	15.68
DC_4A_n78A	30	40	633334	100@0	DFT_64QAM	14.54
DC_4A_n78A	30	40	633334	50@25	DFT_64QAM	14.56
DC_4A_n78A	30	40	633334	1@1	DFT_64QAM	14.3
DC_4A_n78A	30	40	633334	1@104	DFT_64QAM	14.26
DC_4A_n78A	30	40	633334	100@0	DFT_256QAM	12.51
DC_4A_n78A	30	40	633334	50@25	DFT_256QAM	12.57
DC_4A_n78A	30	40	633334	1@1	DFT_256QAM	12.38
DC_4A_n78A	30	40	633334	1@104	DFT_256QAM	12.32
DC_4A_n78A	30	40	633334	106@0	CP_QPSK	13.96
DC_4A_n78A	30	40	633334	53@26	CP_QPSK	15.58
DC_4A_n78A	30	40	633334	1@1	CP_QPSK	15.37
DC_4A_n78A	30	40	633334	1@104	CP_QPSK	15.28
DC_4A_n78A	30	40	635332	100@0	DFT_BPSK	16.55
DC_4A_n78A	30	40	635332	50@25	DFT_BPSK	17.15
DC_4A_n78A	30	40	635332	1@1	DFT_BPSK	16.76
DC_4A_n78A	30	40	635332	1@104	DFT_BPSK	16.71
DC_4A_n78A	30	40	635332	100@0	DFT_QPSK	16.06
DC_4A_n78A	30	40	635332	50@25	DFT_QPSK	17.18
DC_4A_n78A	30	40	635332	1@1	DFT_QPSK	16.73
DC_4A_n78A	30	40	635332	1@104	DFT_QPSK	16.69
DC_4A_n78A	30	40	635332	100@0	DFT_16QAM	15.08
DC_4A_n78A	30	40	635332	50@25	DFT_16QAM	16.13
DC_4A_n78A	30	40	635332	1@1	DFT_16QAM	15.77
DC_4A_n78A	30	40	635332	1@104	DFT_16QAM	15.7
DC_4A_n78A	30	40	635332	100@0	DFT_64QAM	14.59
DC_4A_n78A	30	40	635332	50@25	DFT_64QAM	14.65
DC_4A_n78A	30	40	635332	1@1	DFT_64QAM	14.29
DC_4A_n78A	30	40	635332	1@104	DFT_64QAM	14.24
DC_4A_n78A	30	40	635332	100@0	DFT_256QAM	12.57
DC_4A_n78A	30	40	635332	50@25	DFT_256QAM	12.63
DC_4A_n78A	30	40	635332	1@1	DFT_256QAM	12.34
DC_4A_n78A	30	40	635332	1@104	DFT_256QAM	12.24
DC_4A_n78A	30	40	635332	106@0	CP_QPSK	14.04



DC_4A_n78A	30	40	635332	53@26	CP_QPSK	15.62
DC_4A_n78A	30	40	635332	1@1	CP_QPSK	15.26
DC_4A_n78A	30	40	635332	1@104	CP_QPSK	15.29
DC_4A_n78A	30	50	631668	128@0	DFT_BPSK	16.59
DC_4A_n78A	30	50	631668	64@32	DFT_BPSK	17.15
DC_4A_n78A	30	50	631668	1@1	DFT_BPSK	17.11
DC_4A_n78A	30	50	631668	1@131	DFT_BPSK	16.85
DC_4A_n78A	30	50	631668	128@0	DFT_QPSK	16.12
DC_4A_n78A	30	50	631668	64@32	DFT_QPSK	17.16
DC_4A_n78A	30	50	631668	1@1	DFT_QPSK	17.05
DC_4A_n78A	30	50	631668	1@131	DFT_QPSK	16.78
DC_4A_n78A	30	50	631668	128@0	DFT_16QAM	15.13
DC_4A_n78A	30	50	631668	64@32	DFT_16QAM	16.15
DC_4A_n78A	30	50	631668	1@1	DFT_16QAM	15.99
DC_4A_n78A	30	50	631668	1@131	DFT_16QAM	15.72
DC_4A_n78A	30	50	631668	128@0	DFT_64QAM	14.6
DC_4A_n78A	30	50	631668	64@32	DFT_64QAM	14.65
DC_4A_n78A	30	50	631668	1@1	DFT_64QAM	14.63
DC_4A_n78A	30	50	631668	1@131	DFT_64QAM	14.4
DC_4A_n78A	30	50	631668	128@0	DFT_256QAM	12.61
DC_4A_n78A	30	50	631668	64@32	DFT_256QAM	12.63
DC_4A_n78A	30	50	631668	1@1	DFT_256QAM	12.69
DC_4A_n78A	30	50	631668	1@131	DFT_256QAM	12.44
DC_4A_n78A	30	50	631668	133@0	CP_QPSK	14.09
DC_4A_n78A	30	50	631668	67@33	CP_QPSK	15.63
DC_4A_n78A	30	50	631668	1@1	CP_QPSK	15.59
DC_4A_n78A	30	50	631668	1@131	CP_QPSK	15.3
DC_4A_n78A	30	50	633334	128@0	DFT_BPSK	16.61
DC_4A_n78A	30	50	633334	64@32	DFT_BPSK	17.16
DC_4A_n78A	30	50	633334	1@1	DFT_BPSK	17.01
DC_4A_n78A	30	50	633334	1@131	DFT_BPSK	16.96
DC_4A_n78A	30	50	633334	128@0	DFT_QPSK	16.1
DC_4A_n78A	30	50	633334	64@32	DFT_QPSK	17.2
DC_4A_n78A	30	50	633334	1@1	DFT_QPSK	17.05
DC_4A_n78A	30	50	633334	1@131	DFT_QPSK	16.96
DC_4A_n78A	30	50	633334	128@0	DFT_16QAM	15.17
DC_4A_n78A	30	50	633334	64@32	DFT_16QAM	16.18
DC_4A_n78A	30	50	633334	1@1	DFT_16QAM	15.93
DC_4A_n78A	30	50	633334	1@131	DFT_16QAM	15.84
DC_4A_n78A	30	50	633334	128@0	DFT_64QAM	14.64
DC_4A_n78A	30	50	633334	64@32	DFT_64QAM	14.69
DC_4A_n78A	30	50	633334	1@1	DFT_64QAM	14.62
DC_4A_n78A	30	50	633334	1@131	DFT_64QAM	14.53
DC_4A_n78A	30	50	633334	128@0	DFT_256QAM	12.64
DC_4A_n78A	30	50	633334	64@32	DFT_256QAM	12.64
DC_4A_n78A	30	50	633334	1@1	DFT_256QAM	12.63
DC_4A_n78A	30	50	633334	1@131	DFT_256QAM	12.57
DC_4A_n78A	30	50	633334	133@0	CP_QPSK	14.09



DC_4A_n78A	30	50	633334	67@33	CP_QPSK	15.62
DC_4A_n78A	30	50	633334	1@1	CP_QPSK	15.55
DC_4A_n78A	30	50	633334	1@131	CP_QPSK	15.45
DC_4A_n78A	30	50	635000	128@0	DFT_BPSK	16.59
DC_4A_n78A	30	50	635000	64@32	DFT_BPSK	17.2
DC_4A_n78A	30	50	635000	1@1	DFT_BPSK	16.93
DC_4A_n78A	30	50	635000	1@131	DFT_BPSK	16.97
DC_4A_n78A	30	50	635000	128@0	DFT_QPSK	16.14
DC_4A_n78A	30	50	635000	64@32	DFT_QPSK	17.23
DC_4A_n78A	30	50	635000	1@1	DFT_QPSK	16.91
DC_4A_n78A	30	50	635000	1@131	DFT_QPSK	16.93
DC_4A_n78A	30	50	635000	128@0	DFT_16QAM	15.18
DC_4A_n78A	30	50	635000	64@32	DFT_16QAM	16.23
DC_4A_n78A	30	50	635000	1@1	DFT_16QAM	15.8
DC_4A_n78A	30	50	635000	1@131	DFT_16QAM	15.82
DC_4A_n78A	30	50	635000	128@0	DFT_64QAM	14.62
DC_4A_n78A	30	50	635000	64@32	DFT_64QAM	14.7
DC_4A_n78A	30	50	635000	1@1	DFT_64QAM	14.49
DC_4A_n78A	30	50	635000	1@131	DFT_64QAM	14.44
DC_4A_n78A	30	50	635000	128@0	DFT_256QAM	12.61
DC_4A_n78A	30	50	635000	64@32	DFT_256QAM	12.67
DC_4A_n78A	30	50	635000	1@1	DFT_256QAM	11.8
DC_4A_n78A	30	50	635000	1@131	DFT_256QAM	12.52
DC_4A_n78A	30	50	635000	133@0	CP_QPSK	14.1
DC_4A_n78A	30	50	635000	67@33	CP_QPSK	15.66
DC_4A_n78A	30	50	635000	1@1	CP_QPSK	15.47
DC_4A_n78A	30	50	635000	1@131	CP_QPSK	15.53
DC_4A_n78A	30	60	632000	162@0	DFT_BPSK	16.53
DC_4A_n78A	30	60	632000	81@40	DFT_BPSK	17.12
DC_4A_n78A	30	60	632000	1@1	DFT_BPSK	17.1
DC_4A_n78A	30	60	632000	1@160	DFT_BPSK	16.76
DC_4A_n78A	30	60	632000	162@0	DFT_QPSK	16.04
DC_4A_n78A	30	60	632000	81@40	DFT_QPSK	17.13
DC_4A_n78A	30	60	632000	1@1	DFT_QPSK	17.04
DC_4A_n78A	30	60	632000	1@160	DFT_QPSK	16.74
DC_4A_n78A	30	60	632000	162@0	DFT_16QAM	15.02
DC_4A_n78A	30	60	632000	81@40	DFT_16QAM	16.11
DC_4A_n78A	30	60	632000	1@1	DFT_16QAM	16.02
DC_4A_n78A	30	60	632000	1@160	DFT_16QAM	15.65
DC_4A_n78A	30	60	632000	162@0	DFT_64QAM	14.53
DC_4A_n78A	30	60	632000	81@40	DFT_64QAM	14.61
DC_4A_n78A	30	60	632000	1@1	DFT_64QAM	14.63
DC_4A_n78A	30	60	632000	1@160	DFT_64QAM	14.38
DC_4A_n78A	30	60	632000	162@0	DFT_256QAM	12.54
DC_4A_n78A	30	60	632000	81@40	DFT_256QAM	12.61
DC_4A_n78A	30	60	632000	1@1	DFT_256QAM	12.72
DC_4A_n78A	30	60	632000	1@160	DFT_256QAM	12.4
DC_4A_n78A	30	60	632000	162@0	CP_QPSK	14.01



DC_4A_n78A	30	60	632000	81@40	CP_QPSK	15.57
DC_4A_n78A	30	60	632000	1@1	CP_QPSK	15.55
DC_4A_n78A	30	60	632000	1@160	CP_QPSK	15.32
DC_4A_n78A	30	60	633334	162@0	DFT_BPSK	16.57
DC_4A_n78A	30	60	633334	81@40	DFT_BPSK	17.15
DC_4A_n78A	30	60	633334	1@1	DFT_BPSK	16.99
DC_4A_n78A	30	60	633334	1@160	DFT_BPSK	16.86
DC_4A_n78A	30	60	633334	162@0	DFT_QPSK	16.05
DC_4A_n78A	30	60	633334	81@40	DFT_QPSK	17.15
DC_4A_n78A	30	60	633334	1@1	DFT_QPSK	16.93
DC_4A_n78A	30	60	633334	1@160	DFT_QPSK	16.87
DC_4A_n78A	30	60	633334	162@0	DFT_16QAM	15.06
DC_4A_n78A	30	60	633334	81@40	DFT_16QAM	16.15
DC_4A_n78A	30	60	633334	1@1	DFT_16QAM	15.83
DC_4A_n78A	30	60	633334	1@160	DFT_16QAM	15.69
DC_4A_n78A	30	60	633334	162@0	DFT_64QAM	14.56
DC_4A_n78A	30	60	633334	81@40	DFT_64QAM	14.66
DC_4A_n78A	30	60	633334	1@1	DFT_64QAM	14.58
DC_4A_n78A	30	60	633334	1@160	DFT_64QAM	14.46
DC_4A_n78A	30	60	633334	162@0	DFT_256QAM	12.58
DC_4A_n78A	30	60	633334	81@40	DFT_256QAM	12.64
DC_4A_n78A	30	60	633334	1@1	DFT_256QAM	12.65
DC_4A_n78A	30	60	633334	1@160	DFT_256QAM	12.47
DC_4A_n78A	30	60	633334	162@0	CP_QPSK	14.04
DC_4A_n78A	30	60	633334	81@40	CP_QPSK	15.63
DC_4A_n78A	30	60	633334	1@1	CP_QPSK	15.47
DC_4A_n78A	30	60	633334	1@160	CP_QPSK	15.38
DC_4A_n78A	30	60	634666	162@0	DFT_BPSK	16.58
DC_4A_n78A	30	60	634666	81@40	DFT_BPSK	17.22
DC_4A_n78A	30	60	634666	1@1	DFT_BPSK	16.99
DC_4A_n78A	30	60	634666	1@160	DFT_BPSK	16.91
DC_4A_n78A	30	60	634666	162@0	DFT_QPSK	16.12
DC_4A_n78A	30	60	634666	81@40	DFT_QPSK	17.22
DC_4A_n78A	30	60	634666	1@1	DFT_QPSK	16.94
DC_4A_n78A	30	60	634666	1@160	DFT_QPSK	16.86
DC_4A_n78A	30	60	634666	162@0	DFT_16QAM	15.12
DC_4A_n78A	30	60	634666	81@40	DFT_16QAM	16.21
DC_4A_n78A	30	60	634666	1@1	DFT_16QAM	15.73
DC_4A_n78A	30	60	634666	1@160	DFT_16QAM	15.78
DC_4A_n78A	30	60	634666	162@0	DFT_64QAM	14.59
DC_4A_n78A	30	60	634666	81@40	DFT_64QAM	14.68
DC_4A_n78A	30	60	634666	1@1	DFT_64QAM	14.62
DC_4A_n78A	30	60	634666	1@160	DFT_64QAM	14.47
DC_4A_n78A	30	60	634666	162@0	DFT_256QAM	12.61
DC_4A_n78A	30	60	634666	81@40	DFT_256QAM	12.7
DC_4A_n78A	30	60	634666	1@1	DFT_256QAM	12.59
DC_4A_n78A	30	60	634666	1@160	DFT_256QAM	12.5
DC_4A_n78A	30	60	634666	162@0	CP_QPSK	14.1



DC_4A_n78A	30	60	634666	81@40	CP_QPSK	15.65
DC_4A_n78A	30	60	634666	1@1	CP_QPSK	15.5
DC_4A_n78A	30	60	634666	1@160	CP_QPSK	15.39
DC_4A_n78A	30	70	632334	180@0	DFT_BPSK	16.29
DC_4A_n78A	30	70	632334	90@45	DFT_BPSK	16.92
DC_4A_n78A	30	70	632334	1@1	DFT_BPSK	16.54
DC_4A_n78A	30	70	632334	1@187	DFT_BPSK	16.51
DC_4A_n78A	30	70	632334	180@0	DFT_QPSK	15.84
DC_4A_n78A	30	70	632334	90@45	DFT_QPSK	16.95
DC_4A_n78A	30	70	632334	1@1	DFT_QPSK	16.58
DC_4A_n78A	30	70	632334	1@187	DFT_QPSK	16.51
DC_4A_n78A	30	70	632334	180@0	DFT_16QAM	14.85
DC_4A_n78A	30	70	632334	90@45	DFT_16QAM	15.92
DC_4A_n78A	30	70	632334	1@1	DFT_16QAM	15.7
DC_4A_n78A	30	70	632334	1@187	DFT_16QAM	15.61
DC_4A_n78A	30	70	632334	180@0	DFT_64QAM	14.43
DC_4A_n78A	30	70	632334	90@45	DFT_64QAM	14.45
DC_4A_n78A	30	70	632334	1@1	DFT_64QAM	14.15
DC_4A_n78A	30	70	632334	1@187	DFT_64QAM	14.08
DC_4A_n78A	30	70	632334	180@0	DFT_256QAM	12.37
DC_4A_n78A	30	70	632334	90@45	DFT_256QAM	12.49
DC_4A_n78A	30	70	632334	1@1	DFT_256QAM	12.43
DC_4A_n78A	30	70	632334	1@187	DFT_256QAM	12.32
DC_4A_n78A	30	70	632334	189@0	CP_QPSK	13.87
DC_4A_n78A	30	70	632334	95@47	CP_QPSK	15.47
DC_4A_n78A	30	70	632334	1@1	CP_QPSK	15.17
DC_4A_n78A	30	70	632334	1@187	CP_QPSK	15.11
DC_4A_n78A	30	70	633334	180@0	DFT_BPSK	16.44
DC_4A_n78A	30	70	633334	90@45	DFT_BPSK	16.99
DC_4A_n78A	30	70	633334	1@1	DFT_BPSK	16.6
DC_4A_n78A	30	70	633334	1@187	DFT_BPSK	16.56
DC_4A_n78A	30	70	633334	180@0	DFT_QPSK	15.95
DC_4A_n78A	30	70	633334	90@45	DFT_QPSK	17.02
DC_4A_n78A	30	70	633334	1@1	DFT_QPSK	16.62
DC_4A_n78A	30	70	633334	1@187	DFT_QPSK	16.58
DC_4A_n78A	30	70	633334	180@0	DFT_16QAM	14.96
DC_4A_n78A	30	70	633334	90@45	DFT_16QAM	15.97
DC_4A_n78A	30	70	633334	1@1	DFT_16QAM	15.72
DC_4A_n78A	30	70	633334	1@187	DFT_16QAM	15.64
DC_4A_n78A	30	70	633334	180@0	DFT_64QAM	14.53
DC_4A_n78A	30	70	633334	90@45	DFT_64QAM	14.52
DC_4A_n78A	30	70	633334	1@1	DFT_64QAM	14.2
DC_4A_n78A	30	70	633334	1@187	DFT_64QAM	14.13
DC_4A_n78A	30	70	633334	180@0	DFT_256QAM	12.48
DC_4A_n78A	30	70	633334	90@45	DFT_256QAM	12.54
DC_4A_n78A	30	70	633334	1@1	DFT_256QAM	12.45
DC_4A_n78A	30	70	633334	1@187	DFT_256QAM	12.38
DC_4A_n78A	30	70	633334	189@0	CP_QPSK	13.98



DC_4A_n78A	30	70	633334	95@47	CP_QPSK	15.5
DC_4A_n78A	30	70	633334	1@1	CP_QPSK	15.26
DC_4A_n78A	30	70	633334	1@187	CP_QPSK	15.15
DC_4A_n78A	30	70	634332	180@0	DFT_BPSK	16.48
DC_4A_n78A	30	70	634332	90@45	DFT_BPSK	17.09
DC_4A_n78A	30	70	634332	1@1	DFT_BPSK	16.78
DC_4A_n78A	30	70	634332	1@187	DFT_BPSK	16.65
DC_4A_n78A	30	70	634332	180@0	DFT_QPSK	16
DC_4A_n78A	30	70	634332	90@45	DFT_QPSK	17.09
DC_4A_n78A	30	70	634332	1@1	DFT_QPSK	16.8
DC_4A_n78A	30	70	634332	1@187	DFT_QPSK	16.65
DC_4A_n78A	30	70	634332	180@0	DFT_16QAM	14.99
DC_4A_n78A	30	70	634332	90@45	DFT_16QAM	16.05
DC_4A_n78A	30	70	634332	1@1	DFT_16QAM	15.81
DC_4A_n78A	30	70	634332	1@187	DFT_16QAM	15.6
DC_4A_n78A	30	70	634332	180@0	DFT_64QAM	14.57
DC_4A_n78A	30	70	634332	90@45	DFT_64QAM	14.56
DC_4A_n78A	30	70	634332	1@1	DFT_64QAM	14.43
DC_4A_n78A	30	70	634332	1@187	DFT_64QAM	14.18
DC_4A_n78A	30	70	634332	180@0	DFT_256QAM	12.53
DC_4A_n78A	30	70	634332	90@45	DFT_256QAM	12.58
DC_4A_n78A	30	70	634332	1@1	DFT_256QAM	12.62
DC_4A_n78A	30	70	634332	1@187	DFT_256QAM	12.48
DC_4A_n78A	30	70	634332	189@0	CP_QPSK	14.01
DC_4A_n78A	30	70	634332	95@47	CP_QPSK	15.54
DC_4A_n78A	30	70	634332	1@1	CP_QPSK	15.38
DC_4A_n78A	30	70	634332	1@187	CP_QPSK	15.21
DC_4A_n78A	30	80	632668	216@0	DFT_BPSK	16.51
DC_4A_n78A	30	80	632668	108@54	DFT_BPSK	17.1
DC_4A_n78A	30	80	632668	1@1	DFT_BPSK	16.72
DC_4A_n78A	30	80	632668	1@215	DFT_BPSK	16.56
DC_4A_n78A	30	80	632668	216@0	DFT_QPSK	16.03
DC_4A_n78A	30	80	632668	108@54	DFT_QPSK	17.09
DC_4A_n78A	30	80	632668	1@1	DFT_QPSK	16.74
DC_4A_n78A	30	80	632668	1@215	DFT_QPSK	16.57
DC_4A_n78A	30	80	632668	216@0	DFT_16QAM	15.01
DC_4A_n78A	30	80	632668	108@54	DFT_16QAM	16.11
DC_4A_n78A	30	80	632668	1@1	DFT_16QAM	15.72
DC_4A_n78A	30	80	632668	1@215	DFT_16QAM	15.63
DC_4A_n78A	30	80	632668	216@0	DFT_64QAM	14.57
DC_4A_n78A	30	80	632668	108@54	DFT_64QAM	14.61
DC_4A_n78A	30	80	632668	1@1	DFT_64QAM	14.35
DC_4A_n78A	30	80	632668	1@215	DFT_64QAM	14.09
DC_4A_n78A	30	80	632668	216@0	DFT_256QAM	12.55
DC_4A_n78A	30	80	632668	108@54	DFT_256QAM	12.61
DC_4A_n78A	30	80	632668	1@1	DFT_256QAM	12.37
DC_4A_n78A	30	80	632668	1@215	DFT_256QAM	12.19
DC_4A_n78A	30	80	632668	217@0	CP_QPSK	14.03