



DC_4A_n78A	30	80	632668	109@54	CP_QPSK	15.57
DC_4A_n78A	30	80	632668	1@1	CP_QPSK	15.26
DC_4A_n78A	30	80	632668	1@215	CP_QPSK	15.06
DC_4A_n78A	30	80	633334	216@0	DFT_BPSK	16.49
DC_4A_n78A	30	80	633334	108@54	DFT_BPSK	17.08
DC_4A_n78A	30	80	633334	1@1	DFT_BPSK	16.64
DC_4A_n78A	30	80	633334	1@215	DFT_BPSK	16.52
DC_4A_n78A	30	80	633334	216@0	DFT_QPSK	16
DC_4A_n78A	30	80	633334	108@54	DFT_QPSK	17.1
DC_4A_n78A	30	80	633334	1@1	DFT_QPSK	16.65
DC_4A_n78A	30	80	633334	1@215	DFT_QPSK	16.54
DC_4A_n78A	30	80	633334	216@0	DFT_16QAM	14.99
DC_4A_n78A	30	80	633334	108@54	DFT_16QAM	16.13
DC_4A_n78A	30	80	633334	1@1	DFT_16QAM	15.66
DC_4A_n78A	30	80	633334	1@215	DFT_16QAM	15.53
DC_4A_n78A	30	80	633334	216@0	DFT_64QAM	14.55
DC_4A_n78A	30	80	633334	108@54	DFT_64QAM	14.61
DC_4A_n78A	30	80	633334	1@1	DFT_64QAM	14.24
DC_4A_n78A	30	80	633334	1@215	DFT_64QAM	14.15
DC_4A_n78A	30	80	633334	216@0	DFT_256QAM	12.51
DC_4A_n78A	30	80	633334	108@54	DFT_256QAM	12.61
DC_4A_n78A	30	80	633334	1@1	DFT_256QAM	12.5
DC_4A_n78A	30	80	633334	1@215	DFT_256QAM	12.35
DC_4A_n78A	30	80	633334	217@0	CP_QPSK	14.03
DC_4A_n78A	30	80	633334	109@54	CP_QPSK	15.54
DC_4A_n78A	30	80	633334	1@1	CP_QPSK	15.1
DC_4A_n78A	30	80	633334	1@215	CP_QPSK	15.04
DC_4A_n78A	30	80	634000	216@0	DFT_BPSK	16.47
DC_4A_n78A	30	80	634000	108@54	DFT_BPSK	17.06
DC_4A_n78A	30	80	634000	1@1	DFT_BPSK	16.71
DC_4A_n78A	30	80	634000	1@215	DFT_BPSK	16.55
DC_4A_n78A	30	80	634000	216@0	DFT_QPSK	15.97
DC_4A_n78A	30	80	634000	108@54	DFT_QPSK	17.07
DC_4A_n78A	30	80	634000	1@1	DFT_QPSK	16.71
DC_4A_n78A	30	80	634000	1@215	DFT_QPSK	16.54
DC_4A_n78A	30	80	634000	216@0	DFT_16QAM	14.9
DC_4A_n78A	30	80	634000	108@54	DFT_16QAM	16.08
DC_4A_n78A	30	80	634000	1@1	DFT_16QAM	15.77
DC_4A_n78A	30	80	634000	1@215	DFT_16QAM	15.59
DC_4A_n78A	30	80	634000	216@0	DFT_64QAM	14.53
DC_4A_n78A	30	80	634000	108@54	DFT_64QAM	14.58
DC_4A_n78A	30	80	634000	1@1	DFT_64QAM	14.26
DC_4A_n78A	30	80	634000	1@215	DFT_64QAM	14.1
DC_4A_n78A	30	80	634000	216@0	DFT_256QAM	12.5
DC_4A_n78A	30	80	634000	108@54	DFT_256QAM	12.58
DC_4A_n78A	30	80	634000	1@1	DFT_256QAM	12.54
DC_4A_n78A	30	80	634000	1@215	DFT_256QAM	12.39
DC_4A_n78A	30	80	634000	217@0	CP_QPSK	13.98



DC_4A_n78A	30	80	634000	109@54	CP_QPSK	15.55
DC_4A_n78A	30	80	634000	1@1	CP_QPSK	15.25
DC_4A_n78A	30	80	634000	1@215	CP_QPSK	15.01
DC_4A_n78A	30	90	633000	243@0	DFT_BPSK	16.42
DC_4A_n78A	30	90	633000	120@60	DFT_BPSK	17.06
DC_4A_n78A	30	90	633000	1@1	DFT_BPSK	16.64
DC_4A_n78A	30	90	633000	1@243	DFT_BPSK	16.42
DC_4A_n78A	30	90	633000	243@0	DFT_QPSK	15.95
DC_4A_n78A	30	90	633000	120@60	DFT_QPSK	17.08
DC_4A_n78A	30	90	633000	1@1	DFT_QPSK	16.62
DC_4A_n78A	30	90	633000	1@243	DFT_QPSK	16.42
DC_4A_n78A	30	90	633000	243@0	DFT_16QAM	14.93
DC_4A_n78A	30	90	633000	120@60	DFT_16QAM	16.07
DC_4A_n78A	30	90	633000	1@1	DFT_16QAM	15.72
DC_4A_n78A	30	90	633000	1@243	DFT_16QAM	15.49
DC_4A_n78A	30	90	633000	243@0	DFT_64QAM	14.51
DC_4A_n78A	30	90	633000	120@60	DFT_64QAM	14.6
DC_4A_n78A	30	90	633000	1@1	DFT_64QAM	14.15
DC_4A_n78A	30	90	633000	1@243	DFT_64QAM	13.97
DC_4A_n78A	30	90	633000	243@0	DFT_256QAM	12.46
DC_4A_n78A	30	90	633000	120@60	DFT_256QAM	12.57
DC_4A_n78A	30	90	633000	1@1	DFT_256QAM	12.41
DC_4A_n78A	30	90	633000	1@243	DFT_256QAM	12.21
DC_4A_n78A	30	90	633000	245@0	CP_QPSK	13.97
DC_4A_n78A	30	90	633000	123@61	CP_QPSK	15.54
DC_4A_n78A	30	90	633000	1@1	CP_QPSK	15.11
DC_4A_n78A	30	90	633000	1@243	CP_QPSK	14.9
DC_4A_n78A	30	90	633334	243@0	DFT_BPSK	16.47
DC_4A_n78A	30	90	633334	120@60	DFT_BPSK	17.11
DC_4A_n78A	30	90	633334	1@1	DFT_BPSK	16.6
DC_4A_n78A	30	90	633334	1@243	DFT_BPSK	16.48
DC_4A_n78A	30	90	633334	243@0	DFT_QPSK	15.97
DC_4A_n78A	30	90	633334	120@60	DFT_QPSK	17.12
DC_4A_n78A	30	90	633334	1@1	DFT_QPSK	16.6
DC_4A_n78A	30	90	633334	1@243	DFT_QPSK	16.41
DC_4A_n78A	30	90	633334	243@0	DFT_16QAM	14.97
DC_4A_n78A	30	90	633334	120@60	DFT_16QAM	16.1
DC_4A_n78A	30	90	633334	1@1	DFT_16QAM	15.69
DC_4A_n78A	30	90	633334	1@243	DFT_16QAM	15.53
DC_4A_n78A	30	90	633334	243@0	DFT_64QAM	14.55
DC_4A_n78A	30	90	633334	120@60	DFT_64QAM	14.63
DC_4A_n78A	30	90	633334	1@1	DFT_64QAM	14.12
DC_4A_n78A	30	90	633334	1@243	DFT_64QAM	14.02
DC_4A_n78A	30	90	633334	243@0	DFT_256QAM	12.5
DC_4A_n78A	30	90	633334	120@60	DFT_256QAM	12.62
DC_4A_n78A	30	90	633334	1@1	DFT_256QAM	12.23
DC_4A_n78A	30	90	633334	1@243	DFT_256QAM	12.07
DC_4A_n78A	30	90	633334	245@0	CP_QPSK	14.02



DC_4A_n78A	30	90	633334	123@61	CP_QPSK	15.57
DC_4A_n78A	30	90	633334	1@1	CP_QPSK	15.09
DC_4A_n78A	30	90	633334	1@243	CP_QPSK	14.92
DC_4A_n78A	30	90	633666	243@0	DFT_BPSK	16.53
DC_4A_n78A	30	90	633666	120@60	DFT_BPSK	17.11
DC_4A_n78A	30	90	633666	1@1	DFT_BPSK	16.68
DC_4A_n78A	30	90	633666	1@243	DFT_BPSK	16.5
DC_4A_n78A	30	90	633666	243@0	DFT_QPSK	16.03
DC_4A_n78A	30	90	633666	120@60	DFT_QPSK	17.12
DC_4A_n78A	30	90	633666	1@1	DFT_QPSK	16.65
DC_4A_n78A	30	90	633666	1@243	DFT_QPSK	16.47
DC_4A_n78A	30	90	633666	243@0	DFT_16QAM	15
DC_4A_n78A	30	90	633666	120@60	DFT_16QAM	16.11
DC_4A_n78A	30	90	633666	1@1	DFT_16QAM	15.76
DC_4A_n78A	30	90	633666	1@243	DFT_16QAM	15.57
DC_4A_n78A	30	90	633666	243@0	DFT_64QAM	14.59
DC_4A_n78A	30	90	633666	120@60	DFT_64QAM	14.65
DC_4A_n78A	30	90	633666	1@1	DFT_64QAM	14.22
DC_4A_n78A	30	90	633666	1@243	DFT_64QAM	14.05
DC_4A_n78A	30	90	633666	243@0	DFT_256QAM	12.52
DC_4A_n78A	30	90	633666	120@60	DFT_256QAM	12.64
DC_4A_n78A	30	90	633666	1@1	DFT_256QAM	12.54
DC_4A_n78A	30	90	633666	1@243	DFT_256QAM	12.3
DC_4A_n78A	30	90	633666	245@0	CP_QPSK	14.07
DC_4A_n78A	30	90	633666	123@61	CP_QPSK	15.56
DC_4A_n78A	30	90	633666	1@1	CP_QPSK	15.18
DC_4A_n78A	30	90	633666	1@243	CP_QPSK	15.07
DC_4A_n78A	30	100	633334	270@0	DFT_BPSK	16.44
DC_4A_n78A	30	100	633334	135@67	DFT_BPSK	17.1
DC_4A_n78A	30	100	633334	1@1	DFT_BPSK	16.6
DC_4A_n78A	30	100	633334	1@271	DFT_BPSK	16.36
DC_4A_n78A	30	100	633334	270@0	DFT_QPSK	15.93
DC_4A_n78A	30	100	633334	135@67	DFT_QPSK	17.1
DC_4A_n78A	30	100	633334	1@1	DFT_QPSK	16.59
DC_4A_n78A	30	100	633334	1@271	DFT_QPSK	16.32
DC_4A_n78A	30	100	633334	270@0	DFT_16QAM	14.93
DC_4A_n78A	30	100	633334	135@67	DFT_16QAM	16.11
DC_4A_n78A	30	100	633334	1@1	DFT_16QAM	15.68
DC_4A_n78A	30	100	633334	1@271	DFT_16QAM	15.44
DC_4A_n78A	30	100	633334	270@0	DFT_64QAM	14.48
DC_4A_n78A	30	100	633334	135@67	DFT_64QAM	14.66
DC_4A_n78A	30	100	633334	1@1	DFT_64QAM	14.09
DC_4A_n78A	30	100	633334	1@271	DFT_64QAM	13.82
DC_4A_n78A	30	100	633334	270@0	DFT_256QAM	12.48
DC_4A_n78A	30	100	633334	135@67	DFT_256QAM	12.59
DC_4A_n78A	30	100	633334	1@1	DFT_256QAM	12.32
DC_4A_n78A	30	100	633334	1@271	DFT_256QAM	12.19
DC_4A_n78A	30	100	633334	273@0	CP_QPSK	13.96



DC_4A_n78A	30	100	633334	137@68	CP_QPSK	15.58
DC_4A_n78A	30	100	633334	1@1	CP_QPSK	15.12
DC_4A_n78A	30	100	633334	1@271	CP_QPSK	14.8

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
DC_4A_n78A	30	10	647000	24@0	DFT_BPSK	17.11
DC_4A_n78A	30	10	647000	12@6	DFT_BPSK	17.62
DC_4A_n78A	30	10	647000	1@1	DFT_BPSK	17.53
DC_4A_n78A	30	10	647000	1@22	DFT_BPSK	17.57
DC_4A_n78A	30	10	647000	24@0	DFT_QPSK	16.6
DC_4A_n78A	30	10	647000	12@6	DFT_QPSK	17.63
DC_4A_n78A	30	10	647000	1@1	DFT_QPSK	17.48
DC_4A_n78A	30	10	647000	1@22	DFT_QPSK	17.5
DC_4A_n78A	30	10	647000	24@0	DFT_16QAM	15.66
DC_4A_n78A	30	10	647000	12@6	DFT_16QAM	16.64
DC_4A_n78A	30	10	647000	1@1	DFT_16QAM	16.62
DC_4A_n78A	30	10	647000	1@22	DFT_16QAM	16.64
DC_4A_n78A	30	10	647000	24@0	DFT_64QAM	15.09
DC_4A_n78A	30	10	647000	12@6	DFT_64QAM	15.13
DC_4A_n78A	30	10	647000	1@1	DFT_64QAM	14.98
DC_4A_n78A	30	10	647000	1@22	DFT_64QAM	15.05
DC_4A_n78A	30	10	647000	24@0	DFT_256QAM	13.12
DC_4A_n78A	30	10	647000	12@6	DFT_256QAM	13.1
DC_4A_n78A	30	10	647000	1@1	DFT_256QAM	13.28
DC_4A_n78A	30	10	647000	1@22	DFT_256QAM	13.28
DC_4A_n78A	30	10	647000	24@0	CP_QPSK	14.61
DC_4A_n78A	30	10	647000	12@6	CP_QPSK	16.11
DC_4A_n78A	30	10	647000	1@1	CP_QPSK	16.04
DC_4A_n78A	30	10	647000	1@22	CP_QPSK	16.09
DC_4A_n78A	30	10	650000	24@0	DFT_BPSK	17.54
DC_4A_n78A	30	10	650000	12@6	DFT_BPSK	18.1
DC_4A_n78A	30	10	650000	1@1	DFT_BPSK	17.97
DC_4A_n78A	30	10	650000	1@22	DFT_BPSK	18
DC_4A_n78A	30	10	650000	24@0	DFT_QPSK	17.13
DC_4A_n78A	30	10	650000	12@6	DFT_QPSK	18.09
DC_4A_n78A	30	10	650000	1@1	DFT_QPSK	17.92
DC_4A_n78A	30	10	650000	1@22	DFT_QPSK	17.96
DC_4A_n78A	30	10	650000	24@0	DFT_16QAM	16.06
DC_4A_n78A	30	10	650000	12@6	DFT_16QAM	17.11
DC_4A_n78A	30	10	650000	1@1	DFT_16QAM	17.05
DC_4A_n78A	30	10	650000	1@22	DFT_16QAM	17.11
DC_4A_n78A	30	10	650000	24@0	DFT_64QAM	15.53
DC_4A_n78A	30	10	650000	12@6	DFT_64QAM	15.62
DC_4A_n78A	30	10	650000	1@1	DFT_64QAM	15.43
DC_4A_n78A	30	10	650000	1@22	DFT_64QAM	15.43
DC_4A_n78A	30	10	650000	24@0	DFT_256QAM	13.5
DC_4A_n78A	30	10	650000	12@6	DFT_256QAM	13.55
DC_4A_n78A	30	10	650000	1@1	DFT_256QAM	13.73



DC_4A_n78A	30	10	650000	1@22	DFT_256QAM	13.81
DC_4A_n78A	30	10	650000	24@0	CP_QPSK	15.04
DC_4A_n78A	30	10	650000	12@6	CP_QPSK	16.53
DC_4A_n78A	30	10	650000	1@1	CP_QPSK	16.47
DC_4A_n78A	30	10	650000	1@22	CP_QPSK	16.53
DC_4A_n78A	30	10	653000	24@0	DFT_BPSK	17.55
DC_4A_n78A	30	10	653000	12@6	DFT_BPSK	18.07
DC_4A_n78A	30	10	653000	1@1	DFT_BPSK	17.97
DC_4A_n78A	30	10	653000	1@22	DFT_BPSK	18
DC_4A_n78A	30	10	653000	24@0	DFT_QPSK	17.04
DC_4A_n78A	30	10	653000	12@6	DFT_QPSK	18.07
DC_4A_n78A	30	10	653000	1@1	DFT_QPSK	17.95
DC_4A_n78A	30	10	653000	1@22	DFT_QPSK	17.96
DC_4A_n78A	30	10	653000	24@0	DFT_16QAM	16.06
DC_4A_n78A	30	10	653000	12@6	DFT_16QAM	17.12
DC_4A_n78A	30	10	653000	1@1	DFT_16QAM	16.96
DC_4A_n78A	30	10	653000	1@22	DFT_16QAM	17
DC_4A_n78A	30	10	653000	24@0	DFT_64QAM	15.57
DC_4A_n78A	30	10	653000	12@6	DFT_64QAM	15.55
DC_4A_n78A	30	10	653000	1@1	DFT_64QAM	15.47
DC_4A_n78A	30	10	653000	1@22	DFT_64QAM	15.43
DC_4A_n78A	30	10	653000	24@0	DFT_256QAM	13.56
DC_4A_n78A	30	10	653000	12@6	DFT_256QAM	13.55
DC_4A_n78A	30	10	653000	1@1	DFT_256QAM	13.72
DC_4A_n78A	30	10	653000	1@22	DFT_256QAM	13.68
DC_4A_n78A	30	10	653000	24@0	CP_QPSK	15
DC_4A_n78A	30	10	653000	12@6	CP_QPSK	16.53
DC_4A_n78A	30	10	653000	1@1	CP_QPSK	16.48
DC_4A_n78A	30	10	653000	1@22	CP_QPSK	16.49
DC_4A_n78A	30	15	647168	36@0	DFT_BPSK	17.15
DC_4A_n78A	30	15	647168	18@9	DFT_BPSK	17.63
DC_4A_n78A	30	15	647168	1@1	DFT_BPSK	17.49
DC_4A_n78A	30	15	647168	1@36	DFT_BPSK	17.56
DC_4A_n78A	30	15	647168	36@0	DFT_QPSK	16.65
DC_4A_n78A	30	15	647168	18@9	DFT_QPSK	17.64
DC_4A_n78A	30	15	647168	1@1	DFT_QPSK	17.45
DC_4A_n78A	30	15	647168	1@36	DFT_QPSK	17.53
DC_4A_n78A	30	15	647168	36@0	DFT_16QAM	15.61
DC_4A_n78A	30	15	647168	18@9	DFT_16QAM	16.63
DC_4A_n78A	30	15	647168	1@1	DFT_16QAM	16.5
DC_4A_n78A	30	15	647168	1@36	DFT_16QAM	16.53
DC_4A_n78A	30	15	647168	36@0	DFT_64QAM	15.09
DC_4A_n78A	30	15	647168	18@9	DFT_64QAM	15.16
DC_4A_n78A	30	15	647168	1@1	DFT_64QAM	14.89
DC_4A_n78A	30	15	647168	1@36	DFT_64QAM	15.02
DC_4A_n78A	30	15	647168	36@0	DFT_256QAM	13.12
DC_4A_n78A	30	15	647168	18@9	DFT_256QAM	13.11
DC_4A_n78A	30	15	647168	1@1	DFT_256QAM	13.24



DC_4A_n78A	30	15	647168	1@36	DFT_256QAM	13.27
DC_4A_n78A	30	15	647168	38@0	CP_QPSK	14.62
DC_4A_n78A	30	15	647168	19@9	CP_QPSK	16.13
DC_4A_n78A	30	15	647168	1@1	CP_QPSK	15.98
DC_4A_n78A	30	15	647168	1@36	CP_QPSK	16.05
DC_4A_n78A	30	15	650000	36@0	DFT_BPSK	17.55
DC_4A_n78A	30	15	650000	18@9	DFT_BPSK	18.06
DC_4A_n78A	30	15	650000	1@1	DFT_BPSK	17.91
DC_4A_n78A	30	15	650000	1@36	DFT_BPSK	18.01
DC_4A_n78A	30	15	650000	36@0	DFT_QPSK	17.03
DC_4A_n78A	30	15	650000	18@9	DFT_QPSK	18.08
DC_4A_n78A	30	15	650000	1@1	DFT_QPSK	17.85
DC_4A_n78A	30	15	650000	1@36	DFT_QPSK	18
DC_4A_n78A	30	15	650000	36@0	DFT_16QAM	16
DC_4A_n78A	30	15	650000	18@9	DFT_16QAM	17.05
DC_4A_n78A	30	15	650000	1@1	DFT_16QAM	17.01
DC_4A_n78A	30	15	650000	1@36	DFT_16QAM	17.13
DC_4A_n78A	30	15	650000	36@0	DFT_64QAM	15.52
DC_4A_n78A	30	15	650000	18@9	DFT_64QAM	15.56
DC_4A_n78A	30	15	650000	1@1	DFT_64QAM	15.31
DC_4A_n78A	30	15	650000	1@36	DFT_64QAM	15.43
DC_4A_n78A	30	15	650000	36@0	DFT_256QAM	13.51
DC_4A_n78A	30	15	650000	18@9	DFT_256QAM	13.53
DC_4A_n78A	30	15	650000	1@1	DFT_256QAM	13.65
DC_4A_n78A	30	15	650000	1@36	DFT_256QAM	13.77
DC_4A_n78A	30	15	650000	38@0	CP_QPSK	15.04
DC_4A_n78A	30	15	650000	19@9	CP_QPSK	16.54
DC_4A_n78A	30	15	650000	1@1	CP_QPSK	16.42
DC_4A_n78A	30	15	650000	1@36	CP_QPSK	16.54
DC_4A_n78A	30	15	652832	36@0	DFT_BPSK	17.45
DC_4A_n78A	30	15	652832	18@9	DFT_BPSK	18
DC_4A_n78A	30	15	652832	1@1	DFT_BPSK	17.82
DC_4A_n78A	30	15	652832	1@36	DFT_BPSK	17.92
DC_4A_n78A	30	15	652832	36@0	DFT_QPSK	16.97
DC_4A_n78A	30	15	652832	18@9	DFT_QPSK	18.01
DC_4A_n78A	30	15	652832	1@1	DFT_QPSK	17.8
DC_4A_n78A	30	15	652832	1@36	DFT_QPSK	17.87
DC_4A_n78A	30	15	652832	36@0	DFT_16QAM	15.94
DC_4A_n78A	30	15	652832	18@9	DFT_16QAM	16.98
DC_4A_n78A	30	15	652832	1@1	DFT_16QAM	16.94
DC_4A_n78A	30	15	652832	1@36	DFT_16QAM	17.02
DC_4A_n78A	30	15	652832	36@0	DFT_64QAM	15.44
DC_4A_n78A	30	15	652832	18@9	DFT_64QAM	15.5
DC_4A_n78A	30	15	652832	1@1	DFT_64QAM	15.32
DC_4A_n78A	30	15	652832	1@36	DFT_64QAM	15.32
DC_4A_n78A	30	15	652832	36@0	DFT_256QAM	13.5
DC_4A_n78A	30	15	652832	18@9	DFT_256QAM	13.45
DC_4A_n78A	30	15	652832	1@1	DFT_256QAM	13.6



DC_4A_n78A	30	15	652832	1@36	DFT_256QAM	13.67
DC_4A_n78A	30	15	652832	38@0	CP_QPSK	14.93
DC_4A_n78A	30	15	652832	19@9	CP_QPSK	16.47
DC_4A_n78A	30	15	652832	1@1	CP_QPSK	16.39
DC_4A_n78A	30	15	652832	1@36	CP_QPSK	16.5
DC_4A_n78A	30	20	647334	50@0	DFT_BPSK	17.11
DC_4A_n78A	30	20	647334	25@12	DFT_BPSK	17.65
DC_4A_n78A	30	20	647334	1@1	DFT_BPSK	17.45
DC_4A_n78A	30	20	647334	1@49	DFT_BPSK	17.5
DC_4A_n78A	30	20	647334	50@0	DFT_QPSK	16.58
DC_4A_n78A	30	20	647334	25@12	DFT_QPSK	17.61
DC_4A_n78A	30	20	647334	1@1	DFT_QPSK	17.4
DC_4A_n78A	30	20	647334	1@49	DFT_QPSK	17.43
DC_4A_n78A	30	20	647334	50@0	DFT_16QAM	15.58
DC_4A_n78A	30	20	647334	25@12	DFT_16QAM	16.66
DC_4A_n78A	30	20	647334	1@1	DFT_16QAM	16.55
DC_4A_n78A	30	20	647334	1@49	DFT_16QAM	16.59
DC_4A_n78A	30	20	647334	50@0	DFT_64QAM	15.09
DC_4A_n78A	30	20	647334	25@12	DFT_64QAM	15.08
DC_4A_n78A	30	20	647334	1@1	DFT_64QAM	14.88
DC_4A_n78A	30	20	647334	1@49	DFT_64QAM	14.92
DC_4A_n78A	30	20	647334	50@0	DFT_256QAM	13.11
DC_4A_n78A	30	20	647334	25@12	DFT_256QAM	13.08
DC_4A_n78A	30	20	647334	1@1	DFT_256QAM	13.2
DC_4A_n78A	30	20	647334	1@49	DFT_256QAM	13.25
DC_4A_n78A	30	20	647334	51@0	CP_QPSK	14.58
DC_4A_n78A	30	20	647334	25@12	CP_QPSK	16.08
DC_4A_n78A	30	20	647334	1@1	CP_QPSK	16
DC_4A_n78A	30	20	647334	1@49	CP_QPSK	16.1
DC_4A_n78A	30	20	650000	50@0	DFT_BPSK	17.49
DC_4A_n78A	30	20	650000	25@12	DFT_BPSK	18.03
DC_4A_n78A	30	20	650000	1@1	DFT_BPSK	17.85
DC_4A_n78A	30	20	650000	1@49	DFT_BPSK	17.98
DC_4A_n78A	30	20	650000	50@0	DFT_QPSK	17.02
DC_4A_n78A	30	20	650000	25@12	DFT_QPSK	18.03
DC_4A_n78A	30	20	650000	1@1	DFT_QPSK	17.82
DC_4A_n78A	30	20	650000	1@49	DFT_QPSK	17.95
DC_4A_n78A	30	20	650000	50@0	DFT_16QAM	15.99
DC_4A_n78A	30	20	650000	25@12	DFT_16QAM	17.03
DC_4A_n78A	30	20	650000	1@1	DFT_16QAM	16.99
DC_4A_n78A	30	20	650000	1@49	DFT_16QAM	17.12
DC_4A_n78A	30	20	650000	50@0	DFT_64QAM	15.52
DC_4A_n78A	30	20	650000	25@12	DFT_64QAM	15.55
DC_4A_n78A	30	20	650000	1@1	DFT_64QAM	15.32
DC_4A_n78A	30	20	650000	1@49	DFT_64QAM	15.47
DC_4A_n78A	30	20	650000	50@0	DFT_256QAM	13.52
DC_4A_n78A	30	20	650000	25@12	DFT_256QAM	13.49
DC_4A_n78A	30	20	650000	1@1	DFT_256QAM	13.62



DC_4A_n78A	30	20	650000	1@49	DFT_256QAM	13.76
DC_4A_n78A	30	20	650000	51@0	CP_QPSK	15.02
DC_4A_n78A	30	20	650000	25@12	CP_QPSK	16.5
DC_4A_n78A	30	20	650000	1@1	CP_QPSK	16.36
DC_4A_n78A	30	20	650000	1@49	CP_QPSK	16.5
DC_4A_n78A	30	20	652666	50@0	DFT_BPSK	17.46
DC_4A_n78A	30	20	652666	25@12	DFT_BPSK	17.98
DC_4A_n78A	30	20	652666	1@1	DFT_BPSK	17.8
DC_4A_n78A	30	20	652666	1@49	DFT_BPSK	17.87
DC_4A_n78A	30	20	652666	50@0	DFT_QPSK	16.96
DC_4A_n78A	30	20	652666	25@12	DFT_QPSK	18.01
DC_4A_n78A	30	20	652666	1@1	DFT_QPSK	17.75
DC_4A_n78A	30	20	652666	1@49	DFT_QPSK	17.85
DC_4A_n78A	30	20	652666	50@0	DFT_16QAM	15.95
DC_4A_n78A	30	20	652666	25@12	DFT_16QAM	17.02
DC_4A_n78A	30	20	652666	1@1	DFT_16QAM	16.91
DC_4A_n78A	30	20	652666	1@49	DFT_16QAM	17.01
DC_4A_n78A	30	20	652666	50@0	DFT_64QAM	15.47
DC_4A_n78A	30	20	652666	25@12	DFT_64QAM	15.48
DC_4A_n78A	30	20	652666	1@1	DFT_64QAM	15.22
DC_4A_n78A	30	20	652666	1@49	DFT_64QAM	15.31
DC_4A_n78A	30	20	652666	50@0	DFT_256QAM	13.47
DC_4A_n78A	30	20	652666	25@12	DFT_256QAM	13.48
DC_4A_n78A	30	20	652666	1@1	DFT_256QAM	13.57
DC_4A_n78A	30	20	652666	1@49	DFT_256QAM	13.63
DC_4A_n78A	30	20	652666	51@0	CP_QPSK	14.94
DC_4A_n78A	30	20	652666	25@12	CP_QPSK	16.49
DC_4A_n78A	30	20	652666	1@1	CP_QPSK	16.3
DC_4A_n78A	30	20	652666	1@49	CP_QPSK	16.38
DC_4A_n78A	30	40	648000	100@0	DFT_BPSK	16.84
DC_4A_n78A	30	40	648000	50@25	DFT_BPSK	17.43
DC_4A_n78A	30	40	648000	1@1	DFT_BPSK	16.96
DC_4A_n78A	30	40	648000	1@104	DFT_BPSK	17.09
DC_4A_n78A	30	40	648000	100@0	DFT_QPSK	16.38
DC_4A_n78A	30	40	648000	50@25	DFT_QPSK	17.44
DC_4A_n78A	30	40	648000	1@1	DFT_QPSK	16.92
DC_4A_n78A	30	40	648000	1@104	DFT_QPSK	17.03
DC_4A_n78A	30	40	648000	100@0	DFT_16QAM	15.37
DC_4A_n78A	30	40	648000	50@25	DFT_16QAM	16.43
DC_4A_n78A	30	40	648000	1@1	DFT_16QAM	16.05
DC_4A_n78A	30	40	648000	1@104	DFT_16QAM	16.18
DC_4A_n78A	30	40	648000	100@0	DFT_64QAM	14.84
DC_4A_n78A	30	40	648000	50@25	DFT_64QAM	14.92
DC_4A_n78A	30	40	648000	1@1	DFT_64QAM	14.48
DC_4A_n78A	30	40	648000	1@104	DFT_64QAM	14.63
DC_4A_n78A	30	40	648000	100@0	DFT_256QAM	12.88
DC_4A_n78A	30	40	648000	50@25	DFT_256QAM	12.89
DC_4A_n78A	30	40	648000	1@1	DFT_256QAM	12.72



DC_4A_n78A	30	40	648000	1@104	DFT_256QAM	12.86
DC_4A_n78A	30	40	648000	106@0	CP_QPSK	14.32
DC_4A_n78A	30	40	648000	53@26	CP_QPSK	15.92
DC_4A_n78A	30	40	648000	1@1	CP_QPSK	15.5
DC_4A_n78A	30	40	648000	1@104	CP_QPSK	15.64
DC_4A_n78A	30	40	650000	100@0	DFT_BPSK	17.02
DC_4A_n78A	30	40	650000	50@25	DFT_BPSK	17.6
DC_4A_n78A	30	40	650000	1@1	DFT_BPSK	17.14
DC_4A_n78A	30	40	650000	1@104	DFT_BPSK	17.27
DC_4A_n78A	30	40	650000	100@0	DFT_QPSK	16.57
DC_4A_n78A	30	40	650000	50@25	DFT_QPSK	17.61
DC_4A_n78A	30	40	650000	1@1	DFT_QPSK	17.08
DC_4A_n78A	30	40	650000	1@104	DFT_QPSK	17.19
DC_4A_n78A	30	40	650000	100@0	DFT_16QAM	15.5
DC_4A_n78A	30	40	650000	50@25	DFT_16QAM	16.58
DC_4A_n78A	30	40	650000	1@1	DFT_16QAM	16.26
DC_4A_n78A	30	40	650000	1@104	DFT_16QAM	16.33
DC_4A_n78A	30	40	650000	100@0	DFT_64QAM	15
DC_4A_n78A	30	40	650000	50@25	DFT_64QAM	15.07
DC_4A_n78A	30	40	650000	1@1	DFT_64QAM	14.64
DC_4A_n78A	30	40	650000	1@104	DFT_64QAM	14.76
DC_4A_n78A	30	40	650000	100@0	DFT_256QAM	13.04
DC_4A_n78A	30	40	650000	50@25	DFT_256QAM	13.1
DC_4A_n78A	30	40	650000	1@1	DFT_256QAM	12.97
DC_4A_n78A	30	40	650000	1@104	DFT_256QAM	13.12
DC_4A_n78A	30	40	650000	106@0	CP_QPSK	14.48
DC_4A_n78A	30	40	650000	53@26	CP_QPSK	16.08
DC_4A_n78A	30	40	650000	1@1	CP_QPSK	15.68
DC_4A_n78A	30	40	650000	1@104	CP_QPSK	15.84
DC_4A_n78A	30	40	652000	100@0	DFT_BPSK	16.99
DC_4A_n78A	30	40	652000	50@25	DFT_BPSK	17.57
DC_4A_n78A	30	40	652000	1@1	DFT_BPSK	16.98
DC_4A_n78A	30	40	652000	1@104	DFT_BPSK	17.37
DC_4A_n78A	30	40	652000	100@0	DFT_QPSK	16.53
DC_4A_n78A	30	40	652000	50@25	DFT_QPSK	17.61
DC_4A_n78A	30	40	652000	1@1	DFT_QPSK	16.91
DC_4A_n78A	30	40	652000	1@104	DFT_QPSK	17.33
DC_4A_n78A	30	40	652000	100@0	DFT_16QAM	15.54
DC_4A_n78A	30	40	652000	50@25	DFT_16QAM	16.53
DC_4A_n78A	30	40	652000	1@1	DFT_16QAM	16
DC_4A_n78A	30	40	652000	1@104	DFT_16QAM	16.41
DC_4A_n78A	30	40	652000	100@0	DFT_64QAM	15
DC_4A_n78A	30	40	652000	50@25	DFT_64QAM	15.05
DC_4A_n78A	30	40	652000	1@1	DFT_64QAM	14.48
DC_4A_n78A	30	40	652000	1@104	DFT_64QAM	14.92
DC_4A_n78A	30	40	652000	100@0	DFT_256QAM	13.05
DC_4A_n78A	30	40	652000	50@25	DFT_256QAM	13.05
DC_4A_n78A	30	40	652000	1@1	DFT_256QAM	12.71



DC_4A_n78A	30	40	652000	1@104	DFT_256QAM	13.19
DC_4A_n78A	30	40	652000	106@0	CP_QPSK	14.46
DC_4A_n78A	30	40	652000	53@26	CP_QPSK	16.11
DC_4A_n78A	30	40	652000	1@1	CP_QPSK	15.5
DC_4A_n78A	30	40	652000	1@104	CP_QPSK	15.9
DC_4A_n78A	30	50	648334	128@0	DFT_BPSK	16.94
DC_4A_n78A	30	50	648334	64@32	DFT_BPSK	17.5
DC_4A_n78A	30	50	648334	1@1	DFT_BPSK	17.22
DC_4A_n78A	30	50	648334	1@131	DFT_BPSK	17.32
DC_4A_n78A	30	50	648334	128@0	DFT_QPSK	16.46
DC_4A_n78A	30	50	648334	64@32	DFT_QPSK	17.5
DC_4A_n78A	30	50	648334	1@1	DFT_QPSK	17.19
DC_4A_n78A	30	50	648334	1@131	DFT_QPSK	17.33
DC_4A_n78A	30	50	648334	128@0	DFT_16QAM	15.44
DC_4A_n78A	30	50	648334	64@32	DFT_16QAM	16.52
DC_4A_n78A	30	50	648334	1@1	DFT_16QAM	16.38
DC_4A_n78A	30	50	648334	1@131	DFT_16QAM	16.44
DC_4A_n78A	30	50	648334	128@0	DFT_64QAM	14.96
DC_4A_n78A	30	50	648334	64@32	DFT_64QAM	15
DC_4A_n78A	30	50	648334	1@1	DFT_64QAM	14.73
DC_4A_n78A	30	50	648334	1@131	DFT_64QAM	14.85
DC_4A_n78A	30	50	648334	128@0	DFT_256QAM	12.92
DC_4A_n78A	30	50	648334	64@32	DFT_256QAM	13.02
DC_4A_n78A	30	50	648334	1@1	DFT_256QAM	13
DC_4A_n78A	30	50	648334	1@131	DFT_256QAM	13.13
DC_4A_n78A	30	50	648334	133@0	CP_QPSK	14.45
DC_4A_n78A	30	50	648334	67@33	CP_QPSK	15.98
DC_4A_n78A	30	50	648334	1@1	CP_QPSK	15.72
DC_4A_n78A	30	50	648334	1@131	CP_QPSK	15.81
DC_4A_n78A	30	50	650000	128@0	DFT_BPSK	17.11
DC_4A_n78A	30	50	650000	64@32	DFT_BPSK	17.63
DC_4A_n78A	30	50	650000	1@1	DFT_BPSK	17.39
DC_4A_n78A	30	50	650000	1@131	DFT_BPSK	17.54
DC_4A_n78A	30	50	650000	128@0	DFT_QPSK	16.63
DC_4A_n78A	30	50	650000	64@32	DFT_QPSK	17.65
DC_4A_n78A	30	50	650000	1@1	DFT_QPSK	17.39
DC_4A_n78A	30	50	650000	1@131	DFT_QPSK	17.56
DC_4A_n78A	30	50	650000	128@0	DFT_16QAM	15.61
DC_4A_n78A	30	50	650000	64@32	DFT_16QAM	16.67
DC_4A_n78A	30	50	650000	1@1	DFT_16QAM	16.51
DC_4A_n78A	30	50	650000	1@131	DFT_16QAM	16.7
DC_4A_n78A	30	50	650000	128@0	DFT_64QAM	15.13
DC_4A_n78A	30	50	650000	64@32	DFT_64QAM	15.15
DC_4A_n78A	30	50	650000	1@1	DFT_64QAM	14.89
DC_4A_n78A	30	50	650000	1@131	DFT_64QAM	15.06
DC_4A_n78A	30	50	650000	128@0	DFT_256QAM	13.1
DC_4A_n78A	30	50	650000	64@32	DFT_256QAM	13.16
DC_4A_n78A	30	50	650000	1@1	DFT_256QAM	13.11



DC_4A_n78A	30	50	650000	1@131	DFT_256QAM	13.27
DC_4A_n78A	30	50	650000	133@0	CP_QPSK	14.59
DC_4A_n78A	30	50	650000	67@33	CP_QPSK	16.12
DC_4A_n78A	30	50	650000	1@1	CP_QPSK	15.95
DC_4A_n78A	30	50	650000	1@131	CP_QPSK	16.05
DC_4A_n78A	30	50	651666	128@0	DFT_BPSK	17.04
DC_4A_n78A	30	50	651666	64@32	DFT_BPSK	17.61
DC_4A_n78A	30	50	651666	1@1	DFT_BPSK	17.2
DC_4A_n78A	30	50	651666	1@131	DFT_BPSK	17.65
DC_4A_n78A	30	50	651666	128@0	DFT_QPSK	16.55
DC_4A_n78A	30	50	651666	64@32	DFT_QPSK	17.59
DC_4A_n78A	30	50	651666	1@1	DFT_QPSK	17.16
DC_4A_n78A	30	50	651666	1@131	DFT_QPSK	17.6
DC_4A_n78A	30	50	651666	128@0	DFT_16QAM	15.56
DC_4A_n78A	30	50	651666	64@32	DFT_16QAM	16.62
DC_4A_n78A	30	50	651666	1@1	DFT_16QAM	16.18
DC_4A_n78A	30	50	651666	1@131	DFT_16QAM	16.75
DC_4A_n78A	30	50	651666	128@0	DFT_64QAM	15.03
DC_4A_n78A	30	50	651666	64@32	DFT_64QAM	15.07
DC_4A_n78A	30	50	651666	1@1	DFT_64QAM	14.71
DC_4A_n78A	30	50	651666	1@131	DFT_64QAM	15.09
DC_4A_n78A	30	50	651666	128@0	DFT_256QAM	13.02
DC_4A_n78A	30	50	651666	64@32	DFT_256QAM	13.1
DC_4A_n78A	30	50	651666	1@1	DFT_256QAM	12.94
DC_4A_n78A	30	50	651666	1@131	DFT_256QAM	13.37
DC_4A_n78A	30	50	651666	133@0	CP_QPSK	14.53
DC_4A_n78A	30	50	651666	67@33	CP_QPSK	16.07
DC_4A_n78A	30	50	651666	1@1	CP_QPSK	15.75
DC_4A_n78A	30	50	651666	1@131	CP_QPSK	16.17
DC_4A_n78A	30	60	648668	162@0	DFT_BPSK	16.87
DC_4A_n78A	30	60	648668	81@40	DFT_BPSK	17.5
DC_4A_n78A	30	60	648668	1@1	DFT_BPSK	17.16
DC_4A_n78A	30	60	648668	1@160	DFT_BPSK	17.26
DC_4A_n78A	30	60	648668	162@0	DFT_QPSK	16.41
DC_4A_n78A	30	60	648668	81@40	DFT_QPSK	17.5
DC_4A_n78A	30	60	648668	1@1	DFT_QPSK	17.1
DC_4A_n78A	30	60	648668	1@160	DFT_QPSK	17.23
DC_4A_n78A	30	60	648668	162@0	DFT_16QAM	15.4
DC_4A_n78A	30	60	648668	81@40	DFT_16QAM	16.47
DC_4A_n78A	30	60	648668	1@1	DFT_16QAM	16.08
DC_4A_n78A	30	60	648668	1@160	DFT_16QAM	16.19
DC_4A_n78A	30	60	648668	162@0	DFT_64QAM	14.88
DC_4A_n78A	30	60	648668	81@40	DFT_64QAM	15
DC_4A_n78A	30	60	648668	1@1	DFT_64QAM	14.63
DC_4A_n78A	30	60	648668	1@160	DFT_64QAM	14.75
DC_4A_n78A	30	60	648668	162@0	DFT_256QAM	12.89
DC_4A_n78A	30	60	648668	81@40	DFT_256QAM	12.99
DC_4A_n78A	30	60	648668	1@1	DFT_256QAM	12.94



DC_4A_n78A	30	60	648668	1@160	DFT_256QAM	13.09
DC_4A_n78A	30	60	648668	162@0	CP_QPSK	14.35
DC_4A_n78A	30	60	648668	81@40	CP_QPSK	15.98
DC_4A_n78A	30	60	648668	1@1	CP_QPSK	15.63
DC_4A_n78A	30	60	648668	1@160	CP_QPSK	15.75
DC_4A_n78A	30	60	650000	162@0	DFT_BPSK	17.05
DC_4A_n78A	30	60	650000	81@40	DFT_BPSK	17.63
DC_4A_n78A	30	60	650000	1@1	DFT_BPSK	17.28
DC_4A_n78A	30	60	650000	1@160	DFT_BPSK	17.5
DC_4A_n78A	30	60	650000	162@0	DFT_QPSK	16.56
DC_4A_n78A	30	60	650000	81@40	DFT_QPSK	17.64
DC_4A_n78A	30	60	650000	1@1	DFT_QPSK	17.27
DC_4A_n78A	30	60	650000	1@160	DFT_QPSK	17.5
DC_4A_n78A	30	60	650000	162@0	DFT_16QAM	15.56
DC_4A_n78A	30	60	650000	81@40	DFT_16QAM	16.64
DC_4A_n78A	30	60	650000	1@1	DFT_16QAM	16.39
DC_4A_n78A	30	60	650000	1@160	DFT_16QAM	16.64
DC_4A_n78A	30	60	650000	162@0	DFT_64QAM	15.06
DC_4A_n78A	30	60	650000	81@40	DFT_64QAM	15.12
DC_4A_n78A	30	60	650000	1@1	DFT_64QAM	14.71
DC_4A_n78A	30	60	650000	1@160	DFT_64QAM	14.97
DC_4A_n78A	30	60	650000	162@0	DFT_256QAM	13.04
DC_4A_n78A	30	60	650000	81@40	DFT_256QAM	13.1
DC_4A_n78A	30	60	650000	1@1	DFT_256QAM	12.9
DC_4A_n78A	30	60	650000	1@160	DFT_256QAM	13.19
DC_4A_n78A	30	60	650000	162@0	CP_QPSK	14.53
DC_4A_n78A	30	60	650000	81@40	CP_QPSK	16.1
DC_4A_n78A	30	60	650000	1@1	CP_QPSK	15.76
DC_4A_n78A	30	60	650000	1@160	CP_QPSK	16
DC_4A_n78A	30	60	651332	162@0	DFT_BPSK	17.03
DC_4A_n78A	30	60	651332	81@40	DFT_BPSK	17.59
DC_4A_n78A	30	60	651332	1@1	DFT_BPSK	17.2
DC_4A_n78A	30	60	651332	1@160	DFT_BPSK	17.62
DC_4A_n78A	30	60	651332	162@0	DFT_QPSK	16.55
DC_4A_n78A	30	60	651332	81@40	DFT_QPSK	17.59
DC_4A_n78A	30	60	651332	1@1	DFT_QPSK	17.2
DC_4A_n78A	30	60	651332	1@160	DFT_QPSK	17.6
DC_4A_n78A	30	60	651332	162@0	DFT_16QAM	15.53
DC_4A_n78A	30	60	651332	81@40	DFT_16QAM	16.6
DC_4A_n78A	30	60	651332	1@1	DFT_16QAM	16.23
DC_4A_n78A	30	60	651332	1@160	DFT_16QAM	16.68
DC_4A_n78A	30	60	651332	162@0	DFT_64QAM	15.02
DC_4A_n78A	30	60	651332	81@40	DFT_64QAM	15.08
DC_4A_n78A	30	60	651332	1@1	DFT_64QAM	14.69
DC_4A_n78A	30	60	651332	1@160	DFT_64QAM	15.04
DC_4A_n78A	30	60	651332	162@0	DFT_256QAM	13.02
DC_4A_n78A	30	60	651332	81@40	DFT_256QAM	13.09
DC_4A_n78A	30	60	651332	1@1	DFT_256QAM	13.02



DC_4A_n78A	30	60	651332	1@160	DFT_256QAM	13.29
DC_4A_n78A	30	60	651332	162@0	CP_QPSK	14.53
DC_4A_n78A	30	60	651332	81@40	CP_QPSK	16.07
DC_4A_n78A	30	60	651332	1@1	CP_QPSK	15.73
DC_4A_n78A	30	60	651332	1@160	CP_QPSK	16.11
DC_4A_n78A	30	70	649000	180@0	DFT_BPSK	17.24
DC_4A_n78A	30	70	649000	90@45	DFT_BPSK	17.75
DC_4A_n78A	30	70	649000	1@1	DFT_BPSK	17.35
DC_4A_n78A	30	70	649000	1@187	DFT_BPSK	17.56
DC_4A_n78A	30	70	649000	180@0	DFT_QPSK	16.74
DC_4A_n78A	30	70	649000	90@45	DFT_QPSK	17.77
DC_4A_n78A	30	70	649000	1@1	DFT_QPSK	17.37
DC_4A_n78A	30	70	649000	1@187	DFT_QPSK	17.57
DC_4A_n78A	30	70	649000	180@0	DFT_16QAM	15.73
DC_4A_n78A	30	70	649000	90@45	DFT_16QAM	16.74
DC_4A_n78A	30	70	649000	1@1	DFT_16QAM	16.47
DC_4A_n78A	30	70	649000	1@187	DFT_16QAM	16.67
DC_4A_n78A	30	70	649000	180@0	DFT_64QAM	15.2
DC_4A_n78A	30	70	649000	90@45	DFT_64QAM	15.21
DC_4A_n78A	30	70	649000	1@1	DFT_64QAM	14.97
DC_4A_n78A	30	70	649000	1@187	DFT_64QAM	15.01
DC_4A_n78A	30	70	649000	180@0	DFT_256QAM	13.25
DC_4A_n78A	30	70	649000	90@45	DFT_256QAM	13.26
DC_4A_n78A	30	70	649000	1@1	DFT_256QAM	13.06
DC_4A_n78A	30	70	649000	1@187	DFT_256QAM	13.26
DC_4A_n78A	30	70	649000	189@0	CP_QPSK	14.74
DC_4A_n78A	30	70	649000	95@47	CP_QPSK	16.27
DC_4A_n78A	30	70	649000	1@1	CP_QPSK	15.93
DC_4A_n78A	30	70	649000	1@187	CP_QPSK	16.16
DC_4A_n78A	30	70	650000	180@0	DFT_BPSK	17.27
DC_4A_n78A	30	70	650000	90@45	DFT_BPSK	17.82
DC_4A_n78A	30	70	650000	1@1	DFT_BPSK	17.28
DC_4A_n78A	30	70	650000	1@187	DFT_BPSK	17.64
DC_4A_n78A	30	70	650000	180@0	DFT_QPSK	16.76
DC_4A_n78A	30	70	650000	90@45	DFT_QPSK	17.81
DC_4A_n78A	30	70	650000	1@1	DFT_QPSK	17.31
DC_4A_n78A	30	70	650000	1@187	DFT_QPSK	17.67
DC_4A_n78A	30	70	650000	180@0	DFT_16QAM	15.74
DC_4A_n78A	30	70	650000	90@45	DFT_16QAM	16.78
DC_4A_n78A	30	70	650000	1@1	DFT_16QAM	16.41
DC_4A_n78A	30	70	650000	1@187	DFT_16QAM	16.74
DC_4A_n78A	30	70	650000	180@0	DFT_64QAM	15.24
DC_4A_n78A	30	70	650000	90@45	DFT_64QAM	15.27
DC_4A_n78A	30	70	650000	1@1	DFT_64QAM	14.73
DC_4A_n78A	30	70	650000	1@187	DFT_64QAM	15.09
DC_4A_n78A	30	70	650000	180@0	DFT_256QAM	13.27
DC_4A_n78A	30	70	650000	90@45	DFT_256QAM	13.3
DC_4A_n78A	30	70	650000	1@1	DFT_256QAM	13.03



DC_4A_n78A	30	70	650000	1@187	DFT_256QAM	13.34
DC_4A_n78A	30	70	650000	189@0	CP_QPSK	14.76
DC_4A_n78A	30	70	650000	95@47	CP_QPSK	16.28
DC_4A_n78A	30	70	650000	1@1	CP_QPSK	15.79
DC_4A_n78A	30	70	650000	1@187	CP_QPSK	16.29
DC_4A_n78A	30	70	651000	180@0	DFT_BPSK	17.25
DC_4A_n78A	30	70	651000	90@45	DFT_BPSK	17.8
DC_4A_n78A	30	70	651000	1@1	DFT_BPSK	17.26
DC_4A_n78A	30	70	651000	1@187	DFT_BPSK	17.72
DC_4A_n78A	30	70	651000	180@0	DFT_QPSK	16.76
DC_4A_n78A	30	70	651000	90@45	DFT_QPSK	17.79
DC_4A_n78A	30	70	651000	1@1	DFT_QPSK	17.24
DC_4A_n78A	30	70	651000	1@187	DFT_QPSK	17.71
DC_4A_n78A	30	70	651000	180@0	DFT_16QAM	15.78
DC_4A_n78A	30	70	651000	90@45	DFT_16QAM	16.76
DC_4A_n78A	30	70	651000	1@1	DFT_16QAM	16.35
DC_4A_n78A	30	70	651000	1@187	DFT_16QAM	16.84
DC_4A_n78A	30	70	651000	180@0	DFT_64QAM	15.24
DC_4A_n78A	30	70	651000	90@45	DFT_64QAM	15.27
DC_4A_n78A	30	70	651000	1@1	DFT_64QAM	14.7
DC_4A_n78A	30	70	651000	1@187	DFT_64QAM	15.17
DC_4A_n78A	30	70	651000	180@0	DFT_256QAM	13.27
DC_4A_n78A	30	70	651000	90@45	DFT_256QAM	13.27
DC_4A_n78A	30	70	651000	1@1	DFT_256QAM	12.92
DC_4A_n78A	30	70	651000	1@187	DFT_256QAM	13.38
DC_4A_n78A	30	70	651000	189@0	CP_QPSK	14.77
DC_4A_n78A	30	70	651000	95@47	CP_QPSK	16.31
DC_4A_n78A	30	70	651000	1@1	CP_QPSK	15.73
DC_4A_n78A	30	70	651000	1@187	CP_QPSK	16.33
DC_4A_n78A	30	80	649334	216@0	DFT_BPSK	17.14
DC_4A_n78A	30	80	649334	108@54	DFT_BPSK	17.8
DC_4A_n78A	30	80	649334	1@1	DFT_BPSK	17.26
DC_4A_n78A	30	80	649334	1@215	DFT_BPSK	17.51
DC_4A_n78A	30	80	649334	216@0	DFT_QPSK	16.67
DC_4A_n78A	30	80	649334	108@54	DFT_QPSK	17.77
DC_4A_n78A	30	80	649334	1@1	DFT_QPSK	17.26
DC_4A_n78A	30	80	649334	1@215	DFT_QPSK	17.51
DC_4A_n78A	30	80	649334	216@0	DFT_16QAM	15.68
DC_4A_n78A	30	80	649334	108@54	DFT_16QAM	16.8
DC_4A_n78A	30	80	649334	1@1	DFT_16QAM	16.36
DC_4A_n78A	30	80	649334	1@215	DFT_16QAM	16.57
DC_4A_n78A	30	80	649334	216@0	DFT_64QAM	15.15
DC_4A_n78A	30	80	649334	108@54	DFT_64QAM	15.26
DC_4A_n78A	30	80	649334	1@1	DFT_64QAM	14.75
DC_4A_n78A	30	80	649334	1@215	DFT_64QAM	14.95
DC_4A_n78A	30	80	649334	216@0	DFT_256QAM	13.2
DC_4A_n78A	30	80	649334	108@54	DFT_256QAM	13.26
DC_4A_n78A	30	80	649334	1@1	DFT_256QAM	12.92



DC_4A_n78A	30	80	649334	1@215	DFT_256QAM	13.18
DC_4A_n78A	30	80	649334	217@0	CP_QPSK	14.7
DC_4A_n78A	30	80	649334	109@54	CP_QPSK	16.24
DC_4A_n78A	30	80	649334	1@1	CP_QPSK	15.82
DC_4A_n78A	30	80	649334	1@215	CP_QPSK	16.01
DC_4A_n78A	30	80	650000	216@0	DFT_BPSK	17.22
DC_4A_n78A	30	80	650000	108@54	DFT_BPSK	17.85
DC_4A_n78A	30	80	650000	1@1	DFT_BPSK	17.24
DC_4A_n78A	30	80	650000	1@215	DFT_BPSK	17.63
DC_4A_n78A	30	80	650000	216@0	DFT_QPSK	16.74
DC_4A_n78A	30	80	650000	108@54	DFT_QPSK	17.82
DC_4A_n78A	30	80	650000	1@1	DFT_QPSK	17.26
DC_4A_n78A	30	80	650000	1@215	DFT_QPSK	17.62
DC_4A_n78A	30	80	650000	216@0	DFT_16QAM	15.74
DC_4A_n78A	30	80	650000	108@54	DFT_16QAM	16.81
DC_4A_n78A	30	80	650000	1@1	DFT_16QAM	16.29
DC_4A_n78A	30	80	650000	1@215	DFT_16QAM	16.71
DC_4A_n78A	30	80	650000	216@0	DFT_64QAM	15.23
DC_4A_n78A	30	80	650000	108@54	DFT_64QAM	15.28
DC_4A_n78A	30	80	650000	1@1	DFT_64QAM	14.65
DC_4A_n78A	30	80	650000	1@215	DFT_64QAM	15.06
DC_4A_n78A	30	80	650000	216@0	DFT_256QAM	13.28
DC_4A_n78A	30	80	650000	108@54	DFT_256QAM	13.29
DC_4A_n78A	30	80	650000	1@1	DFT_256QAM	12.89
DC_4A_n78A	30	80	650000	1@215	DFT_256QAM	13.26
DC_4A_n78A	30	80	650000	217@0	CP_QPSK	14.71
DC_4A_n78A	30	80	650000	109@54	CP_QPSK	16.3
DC_4A_n78A	30	80	650000	1@1	CP_QPSK	15.73
DC_4A_n78A	30	80	650000	1@215	CP_QPSK	16.11
DC_4A_n78A	30	80	650666	216@0	DFT_BPSK	17.19
DC_4A_n78A	30	80	650666	108@54	DFT_BPSK	17.79
DC_4A_n78A	30	80	650666	1@1	DFT_BPSK	17.14
DC_4A_n78A	30	80	650666	1@215	DFT_BPSK	17.62
DC_4A_n78A	30	80	650666	216@0	DFT_QPSK	16.69
DC_4A_n78A	30	80	650666	108@54	DFT_QPSK	17.81
DC_4A_n78A	30	80	650666	1@1	DFT_QPSK	17.16
DC_4A_n78A	30	80	650666	1@215	DFT_QPSK	17.62
DC_4A_n78A	30	80	650666	216@0	DFT_16QAM	15.69
DC_4A_n78A	30	80	650666	108@54	DFT_16QAM	16.8
DC_4A_n78A	30	80	650666	1@1	DFT_16QAM	16.12
DC_4A_n78A	30	80	650666	1@215	DFT_16QAM	16.64
DC_4A_n78A	30	80	650666	216@0	DFT_64QAM	15.17
DC_4A_n78A	30	80	650666	108@54	DFT_64QAM	15.26
DC_4A_n78A	30	80	650666	1@1	DFT_64QAM	14.62
DC_4A_n78A	30	80	650666	1@215	DFT_64QAM	15.15
DC_4A_n78A	30	80	650666	216@0	DFT_256QAM	13.23
DC_4A_n78A	30	80	650666	108@54	DFT_256QAM	13.29
DC_4A_n78A	30	80	650666	1@1	DFT_256QAM	12.77



DC_4A_n78A	30	80	650666	1@215	DFT_256QAM	13.24
DC_4A_n78A	30	80	650666	217@0	CP_QPSK	14.71
DC_4A_n78A	30	80	650666	109@54	CP_QPSK	16.26
DC_4A_n78A	30	80	650666	1@1	CP_QPSK	15.64
DC_4A_n78A	30	80	650666	1@215	CP_QPSK	16.13
DC_4A_n78A	30	90	649668	243@0	DFT_BPSK	17.23
DC_4A_n78A	30	90	649668	120@60	DFT_BPSK	17.79
DC_4A_n78A	30	90	649668	1@1	DFT_BPSK	17.18
DC_4A_n78A	30	90	649668	1@243	DFT_BPSK	17.55
DC_4A_n78A	30	90	649668	243@0	DFT_QPSK	16.73
DC_4A_n78A	30	90	649668	120@60	DFT_QPSK	17.8
DC_4A_n78A	30	90	649668	1@1	DFT_QPSK	17.14
DC_4A_n78A	30	90	649668	1@243	DFT_QPSK	17.51
DC_4A_n78A	30	90	649668	243@0	DFT_16QAM	15.74
DC_4A_n78A	30	90	649668	120@60	DFT_16QAM	16.78
DC_4A_n78A	30	90	649668	1@1	DFT_16QAM	16.24
DC_4A_n78A	30	90	649668	1@243	DFT_16QAM	16.67
DC_4A_n78A	30	90	649668	243@0	DFT_64QAM	15.24
DC_4A_n78A	30	90	649668	120@60	DFT_64QAM	15.28
DC_4A_n78A	30	90	649668	1@1	DFT_64QAM	14.78
DC_4A_n78A	30	90	649668	1@243	DFT_64QAM	14.9
DC_4A_n78A	30	90	649668	243@0	DFT_256QAM	13.24
DC_4A_n78A	30	90	649668	120@60	DFT_256QAM	13.28
DC_4A_n78A	30	90	649668	1@1	DFT_256QAM	12.99
DC_4A_n78A	30	90	649668	1@243	DFT_256QAM	13.37
DC_4A_n78A	30	90	649668	245@0	CP_QPSK	14.76
DC_4A_n78A	30	90	649668	123@61	CP_QPSK	16.26
DC_4A_n78A	30	90	649668	1@1	CP_QPSK	15.69
DC_4A_n78A	30	90	649668	1@243	CP_QPSK	16.01
DC_4A_n78A	30	90	650000	243@0	DFT_BPSK	17.22
DC_4A_n78A	30	90	650000	120@60	DFT_BPSK	17.8
DC_4A_n78A	30	90	650000	1@1	DFT_BPSK	17.18
DC_4A_n78A	30	90	650000	1@243	DFT_BPSK	17.56
DC_4A_n78A	30	90	650000	243@0	DFT_QPSK	16.73
DC_4A_n78A	30	90	650000	120@60	DFT_QPSK	17.8
DC_4A_n78A	30	90	650000	1@1	DFT_QPSK	17.14
DC_4A_n78A	30	90	650000	1@243	DFT_QPSK	17.54
DC_4A_n78A	30	90	650000	243@0	DFT_16QAM	15.76
DC_4A_n78A	30	90	650000	120@60	DFT_16QAM	16.78
DC_4A_n78A	30	90	650000	1@1	DFT_16QAM	16.2
DC_4A_n78A	30	90	650000	1@243	DFT_16QAM	16.68
DC_4A_n78A	30	90	650000	243@0	DFT_64QAM	15.2
DC_4A_n78A	30	90	650000	120@60	DFT_64QAM	15.27
DC_4A_n78A	30	90	650000	1@1	DFT_64QAM	14.61
DC_4A_n78A	30	90	650000	1@243	DFT_64QAM	15.01
DC_4A_n78A	30	90	650000	243@0	DFT_256QAM	13.23
DC_4A_n78A	30	90	650000	120@60	DFT_256QAM	13.29
DC_4A_n78A	30	90	650000	1@1	DFT_256QAM	12.87



DC_4A_n78A	30	90	650000	1@243	DFT_256QAM	13.27
DC_4A_n78A	30	90	650000	245@0	CP_QPSK	14.78
DC_4A_n78A	30	90	650000	123@61	CP_QPSK	16.26
DC_4A_n78A	30	90	650000	1@1	CP_QPSK	15.78
DC_4A_n78A	30	90	650000	1@243	CP_QPSK	16.12
DC_4A_n78A	30	90	650332	243@0	DFT_BPSK	17.18
DC_4A_n78A	30	90	650332	120@60	DFT_BPSK	17.78
DC_4A_n78A	30	90	650332	1@1	DFT_BPSK	17.12
DC_4A_n78A	30	90	650332	1@243	DFT_BPSK	17.53
DC_4A_n78A	30	90	650332	243@0	DFT_QPSK	16.69
DC_4A_n78A	30	90	650332	120@60	DFT_QPSK	17.77
DC_4A_n78A	30	90	650332	1@1	DFT_QPSK	17.08
DC_4A_n78A	30	90	650332	1@243	DFT_QPSK	17.51
DC_4A_n78A	30	90	650332	243@0	DFT_16QAM	15.68
DC_4A_n78A	30	90	650332	120@60	DFT_16QAM	16.76
DC_4A_n78A	30	90	650332	1@1	DFT_16QAM	16.2
DC_4A_n78A	30	90	650332	1@243	DFT_16QAM	16.65
DC_4A_n78A	30	90	650332	243@0	DFT_64QAM	15.17
DC_4A_n78A	30	90	650332	120@60	DFT_64QAM	15.25
DC_4A_n78A	30	90	650332	1@1	DFT_64QAM	14.52
DC_4A_n78A	30	90	650332	1@243	DFT_64QAM	14.93
DC_4A_n78A	30	90	650332	243@0	DFT_256QAM	13.17
DC_4A_n78A	30	90	650332	120@60	DFT_256QAM	13.27
DC_4A_n78A	30	90	650332	1@1	DFT_256QAM	12.94
DC_4A_n78A	30	90	650332	1@243	DFT_256QAM	13.22
DC_4A_n78A	30	90	650332	245@0	CP_QPSK	14.71
DC_4A_n78A	30	90	650332	123@61	CP_QPSK	16.23
DC_4A_n78A	30	90	650332	1@1	CP_QPSK	15.57
DC_4A_n78A	30	90	650332	1@243	CP_QPSK	16.08
DC_4A_n78A	30	100	650000	270@0	DFT_BPSK	17.17
DC_4A_n78A	30	100	650000	135@67	DFT_BPSK	17.77
DC_4A_n78A	30	100	650000	1@1	DFT_BPSK	17.08
DC_4A_n78A	30	100	650000	1@271	DFT_BPSK	17.49
DC_4A_n78A	30	100	650000	270@0	DFT_QPSK	16.7
DC_4A_n78A	30	100	650000	135@67	DFT_QPSK	17.8
DC_4A_n78A	30	100	650000	1@1	DFT_QPSK	17.07
DC_4A_n78A	30	100	650000	1@271	DFT_QPSK	17.46
DC_4A_n78A	30	100	650000	270@0	DFT_16QAM	15.66
DC_4A_n78A	30	100	650000	135@67	DFT_16QAM	16.79
DC_4A_n78A	30	100	650000	1@1	DFT_16QAM	16.18
DC_4A_n78A	30	100	650000	1@271	DFT_16QAM	16.59
DC_4A_n78A	30	100	650000	270@0	DFT_64QAM	15.16
DC_4A_n78A	30	100	650000	135@67	DFT_64QAM	15.25
DC_4A_n78A	30	100	650000	1@1	DFT_64QAM	14.46
DC_4A_n78A	30	100	650000	1@271	DFT_64QAM	14.92
DC_4A_n78A	30	100	650000	270@0	DFT_256QAM	13.21
DC_4A_n78A	30	100	650000	135@67	DFT_256QAM	13.29
DC_4A_n78A	30	100	650000	1@1	DFT_256QAM	12.81



DC_4A_n78A	30	100	650000	1@271	DFT_256QAM	13.2
DC_4A_n78A	30	100	650000	273@0	CP_QPSK	14.72
DC_4A_n78A	30	100	650000	137@68	CP_QPSK	16.23
DC_4A_n78A	30	100	650000	1@1	CP_QPSK	15.57
DC_4A_n78A	30	100	650000	1@271	CP_QPSK	15.94

N78+B5

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
DC_5A_n78A	30	10	630334	24@0	DFT_BPSK	16.73
DC_5A_n78A	30	10	630334	12@6	DFT_BPSK	17.29
DC_5A_n78A	30	10	630334	1@1	DFT_BPSK	17.19
DC_5A_n78A	30	10	630334	1@22	DFT_BPSK	17.18
DC_5A_n78A	30	10	630334	24@0	DFT_QPSK	16.28
DC_5A_n78A	30	10	630334	12@6	DFT_QPSK	17.29
DC_5A_n78A	30	10	630334	1@1	DFT_QPSK	17.17
DC_5A_n78A	30	10	630334	1@22	DFT_QPSK	17.12
DC_5A_n78A	30	10	630334	24@0	DFT_16QAM	15.26
DC_5A_n78A	30	10	630334	12@6	DFT_16QAM	16.26
DC_5A_n78A	30	10	630334	1@1	DFT_16QAM	16.27
DC_5A_n78A	30	10	630334	1@22	DFT_16QAM	16.23
DC_5A_n78A	30	10	630334	24@0	DFT_64QAM	14.76
DC_5A_n78A	30	10	630334	12@6	DFT_64QAM	14.84
DC_5A_n78A	30	10	630334	1@1	DFT_64QAM	14.75
DC_5A_n78A	30	10	630334	1@22	DFT_64QAM	14.7
DC_5A_n78A	30	10	630334	24@0	DFT_256QAM	12.75
DC_5A_n78A	30	10	630334	12@6	DFT_256QAM	12.77
DC_5A_n78A	30	10	630334	1@1	DFT_256QAM	13.06
DC_5A_n78A	30	10	630334	1@22	DFT_256QAM	12.95
DC_5A_n78A	30	10	630334	24@0	CP_QPSK	14.27
DC_5A_n78A	30	10	630334	12@6	CP_QPSK	15.73
DC_5A_n78A	30	10	630334	1@1	CP_QPSK	15.71
DC_5A_n78A	30	10	630334	1@22	CP_QPSK	15.68
DC_5A_n78A	30	10	633334	24@0	DFT_BPSK	16.67
DC_5A_n78A	30	10	633334	12@6	DFT_BPSK	17.18
DC_5A_n78A	30	10	633334	1@1	DFT_BPSK	17.09
DC_5A_n78A	30	10	633334	1@22	DFT_BPSK	17.09
DC_5A_n78A	30	10	633334	24@0	DFT_QPSK	16.17
DC_5A_n78A	30	10	633334	12@6	DFT_QPSK	17.14
DC_5A_n78A	30	10	633334	1@1	DFT_QPSK	17.08
DC_5A_n78A	30	10	633334	1@22	DFT_QPSK	17.05
DC_5A_n78A	30	10	633334	24@0	DFT_16QAM	15.18
DC_5A_n78A	30	10	633334	12@6	DFT_16QAM	16.17
DC_5A_n78A	30	10	633334	1@1	DFT_16QAM	16.2
DC_5A_n78A	30	10	633334	1@22	DFT_16QAM	16.18
DC_5A_n78A	30	10	633334	24@0	DFT_64QAM	14.68
DC_5A_n78A	30	10	633334	12@6	DFT_64QAM	14.72
DC_5A_n78A	30	10	633334	1@1	DFT_64QAM	14.58
DC_5A_n78A	30	10	633334	1@22	DFT_64QAM	14.59



DC_5A_n78A	30	10	633334	24@0	DFT_256QAM	12.67
DC_5A_n78A	30	10	633334	12@6	DFT_256QAM	12.63
DC_5A_n78A	30	10	633334	1@1	DFT_256QAM	12.85
DC_5A_n78A	30	10	633334	1@22	DFT_256QAM	12.88
DC_5A_n78A	30	10	633334	24@0	CP_QPSK	14.18
DC_5A_n78A	30	10	633334	12@6	CP_QPSK	15.6
DC_5A_n78A	30	10	633334	1@1	CP_QPSK	15.64
DC_5A_n78A	30	10	633334	1@22	CP_QPSK	15.59
DC_5A_n78A	30	10	636332	24@0	DFT_BPSK	16.85
DC_5A_n78A	30	10	636332	12@6	DFT_BPSK	17.27
DC_5A_n78A	30	10	636332	1@1	DFT_BPSK	17.26
DC_5A_n78A	30	10	636332	1@22	DFT_BPSK	17.28
DC_5A_n78A	30	10	636332	24@0	DFT_QPSK	16.29
DC_5A_n78A	30	10	636332	12@6	DFT_QPSK	17.31
DC_5A_n78A	30	10	636332	1@1	DFT_QPSK	17.24
DC_5A_n78A	30	10	636332	1@22	DFT_QPSK	17.23
DC_5A_n78A	30	10	636332	24@0	DFT_16QAM	15.31
DC_5A_n78A	30	10	636332	12@6	DFT_16QAM	16.28
DC_5A_n78A	30	10	636332	1@1	DFT_16QAM	16.37
DC_5A_n78A	30	10	636332	1@22	DFT_16QAM	16.4
DC_5A_n78A	30	10	636332	24@0	DFT_64QAM	14.82
DC_5A_n78A	30	10	636332	12@6	DFT_64QAM	14.88
DC_5A_n78A	30	10	636332	1@1	DFT_64QAM	14.76
DC_5A_n78A	30	10	636332	1@22	DFT_64QAM	14.74
DC_5A_n78A	30	10	636332	24@0	DFT_256QAM	12.82
DC_5A_n78A	30	10	636332	12@6	DFT_256QAM	12.83
DC_5A_n78A	30	10	636332	1@1	DFT_256QAM	13.04
DC_5A_n78A	30	10	636332	1@22	DFT_256QAM	13.05
DC_5A_n78A	30	10	636332	24@0	CP_QPSK	14.31
DC_5A_n78A	30	10	636332	12@6	CP_QPSK	15.85
DC_5A_n78A	30	10	636332	1@1	CP_QPSK	15.77
DC_5A_n78A	30	10	636332	1@22	CP_QPSK	15.76
DC_5A_n78A	30	15	630500	36@0	DFT_BPSK	16.8
DC_5A_n78A	30	15	630500	18@9	DFT_BPSK	17.33
DC_5A_n78A	30	15	630500	1@1	DFT_BPSK	17.26
DC_5A_n78A	30	15	630500	1@36	DFT_BPSK	17.15
DC_5A_n78A	30	15	630500	36@0	DFT_QPSK	16.28
DC_5A_n78A	30	15	630500	18@9	DFT_QPSK	17.3
DC_5A_n78A	30	15	630500	1@1	DFT_QPSK	17.19
DC_5A_n78A	30	15	630500	1@36	DFT_QPSK	17.11
DC_5A_n78A	30	15	630500	36@0	DFT_16QAM	15.27
DC_5A_n78A	30	15	630500	18@9	DFT_16QAM	16.3
DC_5A_n78A	30	15	630500	1@1	DFT_16QAM	16.32
DC_5A_n78A	30	15	630500	1@36	DFT_16QAM	16.24
DC_5A_n78A	30	15	630500	36@0	DFT_64QAM	14.78
DC_5A_n78A	30	15	630500	18@9	DFT_64QAM	14.85
DC_5A_n78A	30	15	630500	1@1	DFT_64QAM	14.68
DC_5A_n78A	30	15	630500	1@36	DFT_64QAM	14.63



DC_5A_n78A	30	15	630500	36@0	DFT_256QAM	12.81
DC_5A_n78A	30	15	630500	18@9	DFT_256QAM	12.73
DC_5A_n78A	30	15	630500	1@1	DFT_256QAM	13
DC_5A_n78A	30	15	630500	1@36	DFT_256QAM	12.91
DC_5A_n78A	30	15	630500	38@0	CP_QPSK	14.28
DC_5A_n78A	30	15	630500	19@9	CP_QPSK	15.77
DC_5A_n78A	30	15	630500	1@1	CP_QPSK	15.82
DC_5A_n78A	30	15	630500	1@36	CP_QPSK	15.7
DC_5A_n78A	30	15	633334	36@0	DFT_BPSK	16.67
DC_5A_n78A	30	15	633334	18@9	DFT_BPSK	17.16
DC_5A_n78A	30	15	633334	1@1	DFT_BPSK	17.11
DC_5A_n78A	30	15	633334	1@36	DFT_BPSK	17.1
DC_5A_n78A	30	15	633334	36@0	DFT_QPSK	16.19
DC_5A_n78A	30	15	633334	18@9	DFT_QPSK	17.18
DC_5A_n78A	30	15	633334	1@1	DFT_QPSK	17.07
DC_5A_n78A	30	15	633334	1@36	DFT_QPSK	17.06
DC_5A_n78A	30	15	633334	36@0	DFT_16QAM	15.15
DC_5A_n78A	30	15	633334	18@9	DFT_16QAM	16.17
DC_5A_n78A	30	15	633334	1@1	DFT_16QAM	16.18
DC_5A_n78A	30	15	633334	1@36	DFT_16QAM	16.16
DC_5A_n78A	30	15	633334	36@0	DFT_64QAM	14.7
DC_5A_n78A	30	15	633334	18@9	DFT_64QAM	14.71
DC_5A_n78A	30	15	633334	1@1	DFT_64QAM	14.62
DC_5A_n78A	30	15	633334	1@36	DFT_64QAM	14.62
DC_5A_n78A	30	15	633334	36@0	DFT_256QAM	12.71
DC_5A_n78A	30	15	633334	18@9	DFT_256QAM	12.64
DC_5A_n78A	30	15	633334	1@1	DFT_256QAM	12.89
DC_5A_n78A	30	15	633334	1@36	DFT_256QAM	12.85
DC_5A_n78A	30	15	633334	38@0	CP_QPSK	14.16
DC_5A_n78A	30	15	633334	19@9	CP_QPSK	15.67
DC_5A_n78A	30	15	633334	1@1	CP_QPSK	15.6
DC_5A_n78A	30	15	633334	1@36	CP_QPSK	15.57
DC_5A_n78A	30	15	636166	36@0	DFT_BPSK	16.78
DC_5A_n78A	30	15	636166	18@9	DFT_BPSK	17.31
DC_5A_n78A	30	15	636166	1@1	DFT_BPSK	17.26
DC_5A_n78A	30	15	636166	1@36	DFT_BPSK	17.26
DC_5A_n78A	30	15	636166	36@0	DFT_QPSK	16.33
DC_5A_n78A	30	15	636166	18@9	DFT_QPSK	17.32
DC_5A_n78A	30	15	636166	1@1	DFT_QPSK	17.21
DC_5A_n78A	30	15	636166	1@36	DFT_QPSK	17.19
DC_5A_n78A	30	15	636166	36@0	DFT_16QAM	15.26
DC_5A_n78A	30	15	636166	18@9	DFT_16QAM	16.31
DC_5A_n78A	30	15	636166	1@1	DFT_16QAM	16.33
DC_5A_n78A	30	15	636166	1@36	DFT_16QAM	16.35
DC_5A_n78A	30	15	636166	36@0	DFT_64QAM	14.81
DC_5A_n78A	30	15	636166	18@9	DFT_64QAM	14.86
DC_5A_n78A	30	15	636166	1@1	DFT_64QAM	14.79
DC_5A_n78A	30	15	636166	1@36	DFT_64QAM	14.79



DC_5A_n78A	30	15	636166	36@0	DFT_256QAM	12.84
DC_5A_n78A	30	15	636166	18@9	DFT_256QAM	12.78
DC_5A_n78A	30	15	636166	1@1	DFT_256QAM	13.03
DC_5A_n78A	30	15	636166	1@36	DFT_256QAM	13.06
DC_5A_n78A	30	15	636166	38@0	CP_QPSK	14.31
DC_5A_n78A	30	15	636166	19@9	CP_QPSK	15.81
DC_5A_n78A	30	15	636166	1@1	CP_QPSK	15.8
DC_5A_n78A	30	15	636166	1@36	CP_QPSK	15.8
DC_5A_n78A	30	20	630668	50@0	DFT_BPSK	16.81
DC_5A_n78A	30	20	630668	25@12	DFT_BPSK	17.34
DC_5A_n78A	30	20	630668	1@1	DFT_BPSK	17.21
DC_5A_n78A	30	20	630668	1@49	DFT_BPSK	17.12
DC_5A_n78A	30	20	630668	50@0	DFT_QPSK	16.33
DC_5A_n78A	30	20	630668	25@12	DFT_QPSK	17.34
DC_5A_n78A	30	20	630668	1@1	DFT_QPSK	17.17
DC_5A_n78A	30	20	630668	1@49	DFT_QPSK	17.1
DC_5A_n78A	30	20	630668	50@0	DFT_16QAM	15.3
DC_5A_n78A	30	20	630668	25@12	DFT_16QAM	16.35
DC_5A_n78A	30	20	630668	1@1	DFT_16QAM	16.36
DC_5A_n78A	30	20	630668	1@49	DFT_16QAM	16.25
DC_5A_n78A	30	20	630668	50@0	DFT_64QAM	14.82
DC_5A_n78A	30	20	630668	25@12	DFT_64QAM	14.82
DC_5A_n78A	30	20	630668	1@1	DFT_64QAM	14.68
DC_5A_n78A	30	20	630668	1@49	DFT_64QAM	14.61
DC_5A_n78A	30	20	630668	50@0	DFT_256QAM	12.8
DC_5A_n78A	30	20	630668	25@12	DFT_256QAM	12.79
DC_5A_n78A	30	20	630668	1@1	DFT_256QAM	13
DC_5A_n78A	30	20	630668	1@49	DFT_256QAM	12.92
DC_5A_n78A	30	20	630668	51@0	CP_QPSK	14.29
DC_5A_n78A	30	20	630668	25@12	CP_QPSK	15.81
DC_5A_n78A	30	20	630668	1@1	CP_QPSK	15.79
DC_5A_n78A	30	20	630668	1@49	CP_QPSK	15.73
DC_5A_n78A	30	20	633334	50@0	DFT_BPSK	16.66
DC_5A_n78A	30	20	633334	25@12	DFT_BPSK	17.22
DC_5A_n78A	30	20	633334	1@1	DFT_BPSK	17.1
DC_5A_n78A	30	20	633334	1@49	DFT_BPSK	16.99
DC_5A_n78A	30	20	633334	50@0	DFT_QPSK	16.13
DC_5A_n78A	30	20	633334	25@12	DFT_QPSK	17.22
DC_5A_n78A	30	20	633334	1@1	DFT_QPSK	17.06
DC_5A_n78A	30	20	633334	1@49	DFT_QPSK	16.94
DC_5A_n78A	30	20	633334	50@0	DFT_16QAM	15.09
DC_5A_n78A	30	20	633334	25@12	DFT_16QAM	16.24
DC_5A_n78A	30	20	633334	1@1	DFT_16QAM	16.2
DC_5A_n78A	30	20	633334	1@49	DFT_16QAM	16.08
DC_5A_n78A	30	20	633334	50@0	DFT_64QAM	14.68
DC_5A_n78A	30	20	633334	25@12	DFT_64QAM	14.72
DC_5A_n78A	30	20	633334	1@1	DFT_64QAM	14.56
DC_5A_n78A	30	20	633334	1@49	DFT_64QAM	14.5



DC_5A_n78A	30	20	633334	50@0	DFT_256QAM	12.64
DC_5A_n78A	30	20	633334	25@12	DFT_256QAM	12.66
DC_5A_n78A	30	20	633334	1@1	DFT_256QAM	12.88
DC_5A_n78A	30	20	633334	1@49	DFT_256QAM	12.76
DC_5A_n78A	30	20	633334	51@0	CP_QPSK	14.14
DC_5A_n78A	30	20	633334	25@12	CP_QPSK	15.72
DC_5A_n78A	30	20	633334	1@1	CP_QPSK	15.59
DC_5A_n78A	30	20	633334	1@49	CP_QPSK	15.47
DC_5A_n78A	30	20	636000	50@0	DFT_BPSK	16.78
DC_5A_n78A	30	20	636000	25@12	DFT_BPSK	17.3
DC_5A_n78A	30	20	636000	1@1	DFT_BPSK	17.16
DC_5A_n78A	30	20	636000	1@49	DFT_BPSK	17.19
DC_5A_n78A	30	20	636000	50@0	DFT_QPSK	16.25
DC_5A_n78A	30	20	636000	25@12	DFT_QPSK	17.28
DC_5A_n78A	30	20	636000	1@1	DFT_QPSK	17.13
DC_5A_n78A	30	20	636000	1@49	DFT_QPSK	17.18
DC_5A_n78A	30	20	636000	50@0	DFT_16QAM	15.25
DC_5A_n78A	30	20	636000	25@12	DFT_16QAM	16.33
DC_5A_n78A	30	20	636000	1@1	DFT_16QAM	16.23
DC_5A_n78A	30	20	636000	1@49	DFT_16QAM	16.28
DC_5A_n78A	30	20	636000	50@0	DFT_64QAM	14.79
DC_5A_n78A	30	20	636000	25@12	DFT_64QAM	14.81
DC_5A_n78A	30	20	636000	1@1	DFT_64QAM	14.63
DC_5A_n78A	30	20	636000	1@49	DFT_64QAM	14.73
DC_5A_n78A	30	20	636000	50@0	DFT_256QAM	12.75
DC_5A_n78A	30	20	636000	25@12	DFT_256QAM	12.78
DC_5A_n78A	30	20	636000	1@1	DFT_256QAM	13.01
DC_5A_n78A	30	20	636000	1@49	DFT_256QAM	13.03
DC_5A_n78A	30	20	636000	51@0	CP_QPSK	14.23
DC_5A_n78A	30	20	636000	25@12	CP_QPSK	15.79
DC_5A_n78A	30	20	636000	1@1	CP_QPSK	15.65
DC_5A_n78A	30	20	636000	1@49	CP_QPSK	15.7
DC_5A_n78A	30	40	631334	100@0	DFT_BPSK	16.41
DC_5A_n78A	30	40	631334	50@25	DFT_BPSK	16.94
DC_5A_n78A	30	40	631334	1@1	DFT_BPSK	16.75
DC_5A_n78A	30	40	631334	1@104	DFT_BPSK	16.53
DC_5A_n78A	30	40	631334	100@0	DFT_QPSK	15.94
DC_5A_n78A	30	40	631334	50@25	DFT_QPSK	16.96
DC_5A_n78A	30	40	631334	1@1	DFT_QPSK	16.66
DC_5A_n78A	30	40	631334	1@104	DFT_QPSK	16.48
DC_5A_n78A	30	40	631334	100@0	DFT_16QAM	14.9
DC_5A_n78A	30	40	631334	50@25	DFT_16QAM	15.95
DC_5A_n78A	30	40	631334	1@1	DFT_16QAM	15.87
DC_5A_n78A	30	40	631334	1@104	DFT_16QAM	15.63
DC_5A_n78A	30	40	631334	100@0	DFT_64QAM	14.4
DC_5A_n78A	30	40	631334	50@25	DFT_64QAM	14.46
DC_5A_n78A	30	40	631334	1@1	DFT_64QAM	14.18
DC_5A_n78A	30	40	631334	1@104	DFT_64QAM	14.06



DC_5A_n78A	30	40	631334	100@0	DFT_256QAM	12.41
DC_5A_n78A	30	40	631334	50@25	DFT_256QAM	12.45
DC_5A_n78A	30	40	631334	1@1	DFT_256QAM	12.52
DC_5A_n78A	30	40	631334	1@104	DFT_256QAM	12.37
DC_5A_n78A	30	40	631334	106@0	CP_QPSK	13.86
DC_5A_n78A	30	40	631334	53@26	CP_QPSK	15.45
DC_5A_n78A	30	40	631334	1@1	CP_QPSK	15.23
DC_5A_n78A	30	40	631334	1@104	CP_QPSK	15.07
DC_5A_n78A	30	40	633334	100@0	DFT_BPSK	16.41
DC_5A_n78A	30	40	633334	50@25	DFT_BPSK	16.94
DC_5A_n78A	30	40	633334	1@1	DFT_BPSK	16.61
DC_5A_n78A	30	40	633334	1@104	DFT_BPSK	16.59
DC_5A_n78A	30	40	633334	100@0	DFT_QPSK	15.92
DC_5A_n78A	30	40	633334	50@25	DFT_QPSK	16.98
DC_5A_n78A	30	40	633334	1@1	DFT_QPSK	16.55
DC_5A_n78A	30	40	633334	1@104	DFT_QPSK	16.56
DC_5A_n78A	30	40	633334	100@0	DFT_16QAM	14.89
DC_5A_n78A	30	40	633334	50@25	DFT_16QAM	15.92
DC_5A_n78A	30	40	633334	1@1	DFT_16QAM	15.58
DC_5A_n78A	30	40	633334	1@104	DFT_16QAM	15.6
DC_5A_n78A	30	40	633334	100@0	DFT_64QAM	14.38
DC_5A_n78A	30	40	633334	50@25	DFT_64QAM	14.4
DC_5A_n78A	30	40	633334	1@1	DFT_64QAM	14.06
DC_5A_n78A	30	40	633334	1@104	DFT_64QAM	14.09
DC_5A_n78A	30	40	633334	100@0	DFT_256QAM	12.4
DC_5A_n78A	30	40	633334	50@25	DFT_256QAM	12.4
DC_5A_n78A	30	40	633334	1@1	DFT_256QAM	12.41
DC_5A_n78A	30	40	633334	1@104	DFT_256QAM	12.43
DC_5A_n78A	30	40	633334	106@0	CP_QPSK	13.84
DC_5A_n78A	30	40	633334	53@26	CP_QPSK	15.47
DC_5A_n78A	30	40	633334	1@1	CP_QPSK	15.14
DC_5A_n78A	30	40	633334	1@104	CP_QPSK	15.16
DC_5A_n78A	30	40	635332	100@0	DFT_BPSK	16.45
DC_5A_n78A	30	40	635332	50@25	DFT_BPSK	17.02
DC_5A_n78A	30	40	635332	1@1	DFT_BPSK	16.56
DC_5A_n78A	30	40	635332	1@104	DFT_BPSK	16.64
DC_5A_n78A	30	40	635332	100@0	DFT_QPSK	15.94
DC_5A_n78A	30	40	635332	50@25	DFT_QPSK	17.06
DC_5A_n78A	30	40	635332	1@1	DFT_QPSK	16.57
DC_5A_n78A	30	40	635332	1@104	DFT_QPSK	16.58
DC_5A_n78A	30	40	635332	100@0	DFT_16QAM	14.92
DC_5A_n78A	30	40	635332	50@25	DFT_16QAM	16.03
DC_5A_n78A	30	40	635332	1@1	DFT_16QAM	15.69
DC_5A_n78A	30	40	635332	1@104	DFT_16QAM	15.73
DC_5A_n78A	30	40	635332	100@0	DFT_64QAM	14.42
DC_5A_n78A	30	40	635332	50@25	DFT_64QAM	14.54
DC_5A_n78A	30	40	635332	1@1	DFT_64QAM	14.06
DC_5A_n78A	30	40	635332	1@104	DFT_64QAM	14.09



DC_5A_n78A	30	40	635332	100@0	DFT_256QAM	12.46
DC_5A_n78A	30	40	635332	50@25	DFT_256QAM	12.52
DC_5A_n78A	30	40	635332	1@1	DFT_256QAM	12.41
DC_5A_n78A	30	40	635332	1@104	DFT_256QAM	12.41
DC_5A_n78A	30	40	635332	106@0	CP_QPSK	13.89
DC_5A_n78A	30	40	635332	53@26	CP_QPSK	15.5
DC_5A_n78A	30	40	635332	1@1	CP_QPSK	15.18
DC_5A_n78A	30	40	635332	1@104	CP_QPSK	15.23
DC_5A_n78A	30	50	631668	128@0	DFT_BPSK	16.46
DC_5A_n78A	30	50	631668	64@32	DFT_BPSK	16.97
DC_5A_n78A	30	50	631668	1@1	DFT_BPSK	16.9
DC_5A_n78A	30	50	631668	1@131	DFT_BPSK	16.71
DC_5A_n78A	30	50	631668	128@0	DFT_QPSK	15.93
DC_5A_n78A	30	50	631668	64@32	DFT_QPSK	17
DC_5A_n78A	30	50	631668	1@1	DFT_QPSK	16.88
DC_5A_n78A	30	50	631668	1@131	DFT_QPSK	16.68
DC_5A_n78A	30	50	631668	128@0	DFT_16QAM	14.96
DC_5A_n78A	30	50	631668	64@32	DFT_16QAM	15.99
DC_5A_n78A	30	50	631668	1@1	DFT_16QAM	16.02
DC_5A_n78A	30	50	631668	1@131	DFT_16QAM	15.85
DC_5A_n78A	30	50	631668	128@0	DFT_64QAM	14.47
DC_5A_n78A	30	50	631668	64@32	DFT_64QAM	14.49
DC_5A_n78A	30	50	631668	1@1	DFT_64QAM	14.39
DC_5A_n78A	30	50	631668	1@131	DFT_64QAM	14.25
DC_5A_n78A	30	50	631668	128@0	DFT_256QAM	12.45
DC_5A_n78A	30	50	631668	64@32	DFT_256QAM	12.49
DC_5A_n78A	30	50	631668	1@1	DFT_256QAM	12.71
DC_5A_n78A	30	50	631668	1@131	DFT_256QAM	12.5
DC_5A_n78A	30	50	631668	133@0	CP_QPSK	13.95
DC_5A_n78A	30	50	631668	67@33	CP_QPSK	15.47
DC_5A_n78A	30	50	631668	1@1	CP_QPSK	15.39
DC_5A_n78A	30	50	631668	1@131	CP_QPSK	15.24
DC_5A_n78A	30	50	633334	128@0	DFT_BPSK	16.48
DC_5A_n78A	30	50	633334	64@32	DFT_BPSK	17.04
DC_5A_n78A	30	50	633334	1@1	DFT_BPSK	16.85
DC_5A_n78A	30	50	633334	1@131	DFT_BPSK	16.85
DC_5A_n78A	30	50	633334	128@0	DFT_QPSK	15.96
DC_5A_n78A	30	50	633334	64@32	DFT_QPSK	17.04
DC_5A_n78A	30	50	633334	1@1	DFT_QPSK	16.8
DC_5A_n78A	30	50	633334	1@131	DFT_QPSK	16.83
DC_5A_n78A	30	50	633334	128@0	DFT_16QAM	14.99
DC_5A_n78A	30	50	633334	64@32	DFT_16QAM	16.04
DC_5A_n78A	30	50	633334	1@1	DFT_16QAM	15.93
DC_5A_n78A	30	50	633334	1@131	DFT_16QAM	16
DC_5A_n78A	30	50	633334	128@0	DFT_64QAM	14.48
DC_5A_n78A	30	50	633334	64@32	DFT_64QAM	14.53
DC_5A_n78A	30	50	633334	1@1	DFT_64QAM	14.37
DC_5A_n78A	30	50	633334	1@131	DFT_64QAM	14.33



DC_5A_n78A	30	50	633334	128@0	DFT_256QAM	12.46
DC_5A_n78A	30	50	633334	64@32	DFT_256QAM	12.52
DC_5A_n78A	30	50	633334	1@1	DFT_256QAM	12.64
DC_5A_n78A	30	50	633334	1@131	DFT_256QAM	12.65
DC_5A_n78A	30	50	633334	133@0	CP_QPSK	13.96
DC_5A_n78A	30	50	633334	67@33	CP_QPSK	15.49
DC_5A_n78A	30	50	633334	1@1	CP_QPSK	15.36
DC_5A_n78A	30	50	633334	1@131	CP_QPSK	15.36
DC_5A_n78A	30	50	635000	128@0	DFT_BPSK	16.48
DC_5A_n78A	30	50	635000	64@32	DFT_BPSK	17.07
DC_5A_n78A	30	50	635000	1@1	DFT_BPSK	16.79
DC_5A_n78A	30	50	635000	1@131	DFT_BPSK	16.87
DC_5A_n78A	30	50	635000	128@0	DFT_QPSK	15.98
DC_5A_n78A	30	50	635000	64@32	DFT_QPSK	17.07
DC_5A_n78A	30	50	635000	1@1	DFT_QPSK	16.72
DC_5A_n78A	30	50	635000	1@131	DFT_QPSK	16.82
DC_5A_n78A	30	50	635000	128@0	DFT_16QAM	14.99
DC_5A_n78A	30	50	635000	64@32	DFT_16QAM	16.08
DC_5A_n78A	30	50	635000	1@1	DFT_16QAM	15.92
DC_5A_n78A	30	50	635000	1@131	DFT_16QAM	15.96
DC_5A_n78A	30	50	635000	128@0	DFT_64QAM	14.47
DC_5A_n78A	30	50	635000	64@32	DFT_64QAM	14.57
DC_5A_n78A	30	50	635000	1@1	DFT_64QAM	14.3
DC_5A_n78A	30	50	635000	1@131	DFT_64QAM	14.38
DC_5A_n78A	30	50	635000	128@0	DFT_256QAM	12.47
DC_5A_n78A	30	50	635000	64@32	DFT_256QAM	12.58
DC_5A_n78A	30	50	635000	1@1	DFT_256QAM	12.54
DC_5A_n78A	30	50	635000	1@131	DFT_256QAM	12.61
DC_5A_n78A	30	50	635000	133@0	CP_QPSK	13.98
DC_5A_n78A	30	50	635000	67@33	CP_QPSK	15.53
DC_5A_n78A	30	50	635000	1@1	CP_QPSK	15.26
DC_5A_n78A	30	50	635000	1@131	CP_QPSK	15.35
DC_5A_n78A	30	60	632000	162@0	DFT_BPSK	16.38
DC_5A_n78A	30	60	632000	81@40	DFT_BPSK	16.99
DC_5A_n78A	30	60	632000	1@1	DFT_BPSK	16.89
DC_5A_n78A	30	60	632000	1@160	DFT_BPSK	16.74
DC_5A_n78A	30	60	632000	162@0	DFT_QPSK	15.88
DC_5A_n78A	30	60	632000	81@40	DFT_QPSK	16.97
DC_5A_n78A	30	60	632000	1@1	DFT_QPSK	16.88
DC_5A_n78A	30	60	632000	1@160	DFT_QPSK	16.71
DC_5A_n78A	30	60	632000	162@0	DFT_16QAM	14.91
DC_5A_n78A	30	60	632000	81@40	DFT_16QAM	15.98
DC_5A_n78A	30	60	632000	1@1	DFT_16QAM	15.87
DC_5A_n78A	30	60	632000	1@160	DFT_16QAM	15.64
DC_5A_n78A	30	60	632000	162@0	DFT_64QAM	14.4
DC_5A_n78A	30	60	632000	81@40	DFT_64QAM	14.47
DC_5A_n78A	30	60	632000	1@1	DFT_64QAM	14.47
DC_5A_n78A	30	60	632000	1@160	DFT_64QAM	14.26



DC_5A_n78A	30	60	632000	162@0	DFT_256QAM	12.42
DC_5A_n78A	30	60	632000	81@40	DFT_256QAM	12.46
DC_5A_n78A	30	60	632000	1@1	DFT_256QAM	12.7
DC_5A_n78A	30	60	632000	1@160	DFT_256QAM	12.5
DC_5A_n78A	30	60	632000	162@0	CP_QPSK	13.87
DC_5A_n78A	30	60	632000	81@40	CP_QPSK	15.47
DC_5A_n78A	30	60	632000	1@1	CP_QPSK	15.33
DC_5A_n78A	30	60	632000	1@160	CP_QPSK	15.12
DC_5A_n78A	30	60	633334	162@0	DFT_BPSK	16.41
DC_5A_n78A	30	60	633334	81@40	DFT_BPSK	17.03
DC_5A_n78A	30	60	633334	1@1	DFT_BPSK	16.79
DC_5A_n78A	30	60	633334	1@160	DFT_BPSK	16.75
DC_5A_n78A	30	60	633334	162@0	DFT_QPSK	15.88
DC_5A_n78A	30	60	633334	81@40	DFT_QPSK	17.04
DC_5A_n78A	30	60	633334	1@1	DFT_QPSK	16.73
DC_5A_n78A	30	60	633334	1@160	DFT_QPSK	16.7
DC_5A_n78A	30	60	633334	162@0	DFT_16QAM	14.92
DC_5A_n78A	30	60	633334	81@40	DFT_16QAM	16
DC_5A_n78A	30	60	633334	1@1	DFT_16QAM	15.71
DC_5A_n78A	30	60	633334	1@160	DFT_16QAM	15.69
DC_5A_n78A	30	60	633334	162@0	DFT_64QAM	14.43
DC_5A_n78A	30	60	633334	81@40	DFT_64QAM	14.51
DC_5A_n78A	30	60	633334	1@1	DFT_64QAM	14.33
DC_5A_n78A	30	60	633334	1@160	DFT_64QAM	14.31
DC_5A_n78A	30	60	633334	162@0	DFT_256QAM	12.43
DC_5A_n78A	30	60	633334	81@40	DFT_256QAM	12.5
DC_5A_n78A	30	60	633334	1@1	DFT_256QAM	12.61
DC_5A_n78A	30	60	633334	1@160	DFT_256QAM	12.6
DC_5A_n78A	30	60	633334	162@0	CP_QPSK	13.91
DC_5A_n78A	30	60	633334	81@40	CP_QPSK	15.49
DC_5A_n78A	30	60	633334	1@1	CP_QPSK	15.33
DC_5A_n78A	30	60	633334	1@160	CP_QPSK	15.33
DC_5A_n78A	30	60	634666	162@0	DFT_BPSK	16.44
DC_5A_n78A	30	60	634666	81@40	DFT_BPSK	17.07
DC_5A_n78A	30	60	634666	1@1	DFT_BPSK	16.8
DC_5A_n78A	30	60	634666	1@160	DFT_BPSK	16.84
DC_5A_n78A	30	60	634666	162@0	DFT_QPSK	15.96
DC_5A_n78A	30	60	634666	81@40	DFT_QPSK	17.11
DC_5A_n78A	30	60	634666	1@1	DFT_QPSK	16.77
DC_5A_n78A	30	60	634666	1@160	DFT_QPSK	16.77
DC_5A_n78A	30	60	634666	162@0	DFT_16QAM	14.98
DC_5A_n78A	30	60	634666	81@40	DFT_16QAM	16.08
DC_5A_n78A	30	60	634666	1@1	DFT_16QAM	15.7
DC_5A_n78A	30	60	634666	1@160	DFT_16QAM	15.79
DC_5A_n78A	30	60	634666	162@0	DFT_64QAM	14.46
DC_5A_n78A	30	60	634666	81@40	DFT_64QAM	14.57
DC_5A_n78A	30	60	634666	1@1	DFT_64QAM	14.3
DC_5A_n78A	30	60	634666	1@160	DFT_64QAM	14.33



DC_5A_n78A	30	60	634666	162@0	DFT_256QAM	12.44
DC_5A_n78A	30	60	634666	81@40	DFT_256QAM	12.56
DC_5A_n78A	30	60	634666	1@1	DFT_256QAM	12.51
DC_5A_n78A	30	60	634666	1@160	DFT_256QAM	12.6
DC_5A_n78A	30	60	634666	162@0	CP_QPSK	13.97
DC_5A_n78A	30	60	634666	81@40	CP_QPSK	15.53
DC_5A_n78A	30	60	634666	1@1	CP_QPSK	15.3
DC_5A_n78A	30	60	634666	1@160	CP_QPSK	15.32
DC_5A_n78A	30	70	632334	180@0	DFT_BPSK	16.6
DC_5A_n78A	30	70	632334	90@45	DFT_BPSK	17.22
DC_5A_n78A	30	70	632334	1@1	DFT_BPSK	16.94
DC_5A_n78A	30	70	632334	1@187	DFT_BPSK	16.68
DC_5A_n78A	30	70	632334	180@0	DFT_QPSK	16.11
DC_5A_n78A	30	70	632334	90@45	DFT_QPSK	17.22
DC_5A_n78A	30	70	632334	1@1	DFT_QPSK	16.93
DC_5A_n78A	30	70	632334	1@187	DFT_QPSK	16.67
DC_5A_n78A	30	70	632334	180@0	DFT_16QAM	15.11
DC_5A_n78A	30	70	632334	90@45	DFT_16QAM	16.18
DC_5A_n78A	30	70	632334	1@1	DFT_16QAM	15.98
DC_5A_n78A	30	70	632334	1@187	DFT_16QAM	15.72
DC_5A_n78A	30	70	632334	180@0	DFT_64QAM	14.66
DC_5A_n78A	30	70	632334	90@45	DFT_64QAM	14.72
DC_5A_n78A	30	70	632334	1@1	DFT_64QAM	14.5
DC_5A_n78A	30	70	632334	1@187	DFT_64QAM	14.24
DC_5A_n78A	30	70	632334	180@0	DFT_256QAM	12.65
DC_5A_n78A	30	70	632334	90@45	DFT_256QAM	12.73
DC_5A_n78A	30	70	632334	1@1	DFT_256QAM	12.77
DC_5A_n78A	30	70	632334	1@187	DFT_256QAM	12.53
DC_5A_n78A	30	70	632334	189@0	CP_QPSK	14.13
DC_5A_n78A	30	70	632334	95@47	CP_QPSK	15.71
DC_5A_n78A	30	70	632334	1@1	CP_QPSK	15.58
DC_5A_n78A	30	70	632334	1@187	CP_QPSK	15.35
DC_5A_n78A	30	70	633334	180@0	DFT_BPSK	16.6
DC_5A_n78A	30	70	633334	90@45	DFT_BPSK	17.16
DC_5A_n78A	30	70	633334	1@1	DFT_BPSK	16.87
DC_5A_n78A	30	70	633334	1@187	DFT_BPSK	16.68
DC_5A_n78A	30	70	633334	180@0	DFT_QPSK	16.13
DC_5A_n78A	30	70	633334	90@45	DFT_QPSK	17.2
DC_5A_n78A	30	70	633334	1@1	DFT_QPSK	16.88
DC_5A_n78A	30	70	633334	1@187	DFT_QPSK	16.68
DC_5A_n78A	30	70	633334	180@0	DFT_16QAM	15.14
DC_5A_n78A	30	70	633334	90@45	DFT_16QAM	16.16
DC_5A_n78A	30	70	633334	1@1	DFT_16QAM	15.93
DC_5A_n78A	30	70	633334	1@187	DFT_16QAM	15.76
DC_5A_n78A	30	70	633334	180@0	DFT_64QAM	14.68
DC_5A_n78A	30	70	633334	90@45	DFT_64QAM	14.69
DC_5A_n78A	30	70	633334	1@1	DFT_64QAM	14.43
DC_5A_n78A	30	70	633334	1@187	DFT_64QAM	14.22



DC_5A_n78A	30	70	633334	180@0	DFT_256QAM	12.64
DC_5A_n78A	30	70	633334	90@45	DFT_256QAM	12.69
DC_5A_n78A	30	70	633334	1@1	DFT_256QAM	12.57
DC_5A_n78A	30	70	633334	1@187	DFT_256QAM	12.54
DC_5A_n78A	30	70	633334	189@0	CP_QPSK	14.14
DC_5A_n78A	30	70	633334	95@47	CP_QPSK	15.67
DC_5A_n78A	30	70	633334	1@1	CP_QPSK	15.51
DC_5A_n78A	30	70	633334	1@187	CP_QPSK	15.32
DC_5A_n78A	30	70	634332	180@0	DFT_BPSK	16.62
DC_5A_n78A	30	70	634332	90@45	DFT_BPSK	17.19
DC_5A_n78A	30	70	634332	1@1	DFT_BPSK	16.99
DC_5A_n78A	30	70	634332	1@187	DFT_BPSK	16.72
DC_5A_n78A	30	70	634332	180@0	DFT_QPSK	16.12
DC_5A_n78A	30	70	634332	90@45	DFT_QPSK	17.21
DC_5A_n78A	30	70	634332	1@1	DFT_QPSK	17
DC_5A_n78A	30	70	634332	1@187	DFT_QPSK	16.7
DC_5A_n78A	30	70	634332	180@0	DFT_16QAM	15.13
DC_5A_n78A	30	70	634332	90@45	DFT_16QAM	16.16
DC_5A_n78A	30	70	634332	1@1	DFT_16QAM	16.04
DC_5A_n78A	30	70	634332	1@187	DFT_16QAM	15.72
DC_5A_n78A	30	70	634332	180@0	DFT_64QAM	14.68
DC_5A_n78A	30	70	634332	90@45	DFT_64QAM	14.71
DC_5A_n78A	30	70	634332	1@1	DFT_64QAM	14.51
DC_5A_n78A	30	70	634332	1@187	DFT_64QAM	14.32
DC_5A_n78A	30	70	634332	180@0	DFT_256QAM	12.65
DC_5A_n78A	30	70	634332	90@45	DFT_256QAM	12.71
DC_5A_n78A	30	70	634332	1@1	DFT_256QAM	12.83
DC_5A_n78A	30	70	634332	1@187	DFT_256QAM	12.53
DC_5A_n78A	30	70	634332	189@0	CP_QPSK	14.13
DC_5A_n78A	30	70	634332	95@47	CP_QPSK	15.64
DC_5A_n78A	30	70	634332	1@1	CP_QPSK	15.51
DC_5A_n78A	30	70	634332	1@187	CP_QPSK	15.25
DC_5A_n78A	30	80	632668	216@0	DFT_BPSK	16.61
DC_5A_n78A	30	80	632668	108@54	DFT_BPSK	17.21
DC_5A_n78A	30	80	632668	1@1	DFT_BPSK	16.87
DC_5A_n78A	30	80	632668	1@215	DFT_BPSK	16.6
DC_5A_n78A	30	80	632668	216@0	DFT_QPSK	16.13
DC_5A_n78A	30	80	632668	108@54	DFT_QPSK	17.23
DC_5A_n78A	30	80	632668	1@1	DFT_QPSK	16.94
DC_5A_n78A	30	80	632668	1@215	DFT_QPSK	16.61
DC_5A_n78A	30	80	632668	216@0	DFT_16QAM	15.14
DC_5A_n78A	30	80	632668	108@54	DFT_16QAM	16.24
DC_5A_n78A	30	80	632668	1@1	DFT_16QAM	15.99
DC_5A_n78A	30	80	632668	1@215	DFT_16QAM	15.64
DC_5A_n78A	30	80	632668	216@0	DFT_64QAM	14.68
DC_5A_n78A	30	80	632668	108@54	DFT_64QAM	14.69
DC_5A_n78A	30	80	632668	1@1	DFT_64QAM	14.52
DC_5A_n78A	30	80	632668	1@215	DFT_64QAM	14.18



DC_5A_n78A	30	80	632668	216@0	DFT_256QAM	12.67
DC_5A_n78A	30	80	632668	108@54	DFT_256QAM	12.7
DC_5A_n78A	30	80	632668	1@1	DFT_256QAM	12.67
DC_5A_n78A	30	80	632668	1@215	DFT_256QAM	12.48
DC_5A_n78A	30	80	632668	217@0	CP_QPSK	14.18
DC_5A_n78A	30	80	632668	109@54	CP_QPSK	15.68
DC_5A_n78A	30	80	632668	1@1	CP_QPSK	15.43
DC_5A_n78A	30	80	632668	1@215	CP_QPSK	15.14
DC_5A_n78A	30	80	633334	216@0	DFT_BPSK	16.58
DC_5A_n78A	30	80	633334	108@54	DFT_BPSK	17.2
DC_5A_n78A	30	80	633334	1@1	DFT_BPSK	16.81
DC_5A_n78A	30	80	633334	1@215	DFT_BPSK	16.53
DC_5A_n78A	30	80	633334	216@0	DFT_QPSK	16.08
DC_5A_n78A	30	80	633334	108@54	DFT_QPSK	17.21
DC_5A_n78A	30	80	633334	1@1	DFT_QPSK	16.83
DC_5A_n78A	30	80	633334	1@215	DFT_QPSK	16.55
DC_5A_n78A	30	80	633334	216@0	DFT_16QAM	15.07
DC_5A_n78A	30	80	633334	108@54	DFT_16QAM	16.22
DC_5A_n78A	30	80	633334	1@1	DFT_16QAM	15.86
DC_5A_n78A	30	80	633334	1@215	DFT_16QAM	15.66
DC_5A_n78A	30	80	633334	216@0	DFT_64QAM	14.64
DC_5A_n78A	30	80	633334	108@54	DFT_64QAM	14.71
DC_5A_n78A	30	80	633334	1@1	DFT_64QAM	14.39
DC_5A_n78A	30	80	633334	1@215	DFT_64QAM	14.12
DC_5A_n78A	30	80	633334	216@0	DFT_256QAM	12.63
DC_5A_n78A	30	80	633334	108@54	DFT_256QAM	12.7
DC_5A_n78A	30	80	633334	1@1	DFT_256QAM	12.67
DC_5A_n78A	30	80	633334	1@215	DFT_256QAM	12.43
DC_5A_n78A	30	80	633334	217@0	CP_QPSK	14.11
DC_5A_n78A	30	80	633334	109@54	CP_QPSK	15.67
DC_5A_n78A	30	80	633334	1@1	CP_QPSK	15.36
DC_5A_n78A	30	80	633334	1@215	CP_QPSK	15.07
DC_5A_n78A	30	80	634000	216@0	DFT_BPSK	16.56
DC_5A_n78A	30	80	634000	108@54	DFT_BPSK	17.17
DC_5A_n78A	30	80	634000	1@1	DFT_BPSK	16.84
DC_5A_n78A	30	80	634000	1@215	DFT_BPSK	16.59
DC_5A_n78A	30	80	634000	216@0	DFT_QPSK	16.04
DC_5A_n78A	30	80	634000	108@54	DFT_QPSK	17.16
DC_5A_n78A	30	80	634000	1@1	DFT_QPSK	16.88
DC_5A_n78A	30	80	634000	1@215	DFT_QPSK	16.58
DC_5A_n78A	30	80	634000	216@0	DFT_16QAM	15.05
DC_5A_n78A	30	80	634000	108@54	DFT_16QAM	16.18
DC_5A_n78A	30	80	634000	1@1	DFT_16QAM	15.79
DC_5A_n78A	30	80	634000	1@215	DFT_16QAM	15.5
DC_5A_n78A	30	80	634000	216@0	DFT_64QAM	14.63
DC_5A_n78A	30	80	634000	108@54	DFT_64QAM	14.67
DC_5A_n78A	30	80	634000	1@1	DFT_64QAM	14.42
DC_5A_n78A	30	80	634000	1@215	DFT_64QAM	14.15



DC_5A_n78A	30	80	634000	216@0	DFT_256QAM	12.58
DC_5A_n78A	30	80	634000	108@54	DFT_256QAM	12.67
DC_5A_n78A	30	80	634000	1@1	DFT_256QAM	12.61
DC_5A_n78A	30	80	634000	1@215	DFT_256QAM	12.45
DC_5A_n78A	30	80	634000	217@0	CP_QPSK	14.07
DC_5A_n78A	30	80	634000	109@54	CP_QPSK	15.62
DC_5A_n78A	30	80	634000	1@1	CP_QPSK	15.36
DC_5A_n78A	30	80	634000	1@215	CP_QPSK	15.09
DC_5A_n78A	30	90	633000	243@0	DFT_BPSK	16.57
DC_5A_n78A	30	90	633000	120@60	DFT_BPSK	17.17
DC_5A_n78A	30	90	633000	1@1	DFT_BPSK	16.82
DC_5A_n78A	30	90	633000	1@243	DFT_BPSK	16.46
DC_5A_n78A	30	90	633000	243@0	DFT_QPSK	16.05
DC_5A_n78A	30	90	633000	120@60	DFT_QPSK	17.16
DC_5A_n78A	30	90	633000	1@1	DFT_QPSK	16.75
DC_5A_n78A	30	90	633000	1@243	DFT_QPSK	16.44
DC_5A_n78A	30	90	633000	243@0	DFT_16QAM	15.01
DC_5A_n78A	30	90	633000	120@60	DFT_16QAM	16.15
DC_5A_n78A	30	90	633000	1@1	DFT_16QAM	15.86
DC_5A_n78A	30	90	633000	1@243	DFT_16QAM	15.5
DC_5A_n78A	30	90	633000	243@0	DFT_64QAM	14.62
DC_5A_n78A	30	90	633000	120@60	DFT_64QAM	14.71
DC_5A_n78A	30	90	633000	1@1	DFT_64QAM	14.34
DC_5A_n78A	30	90	633000	1@243	DFT_64QAM	14.05
DC_5A_n78A	30	90	633000	243@0	DFT_256QAM	12.55
DC_5A_n78A	30	90	633000	120@60	DFT_256QAM	12.67
DC_5A_n78A	30	90	633000	1@1	DFT_256QAM	12.62
DC_5A_n78A	30	90	633000	1@243	DFT_256QAM	12.28
DC_5A_n78A	30	90	633000	245@0	CP_QPSK	14.08
DC_5A_n78A	30	90	633000	123@61	CP_QPSK	15.63
DC_5A_n78A	30	90	633000	1@1	CP_QPSK	15.3
DC_5A_n78A	30	90	633000	1@243	CP_QPSK	15.01
DC_5A_n78A	30	90	633334	243@0	DFT_BPSK	16.58
DC_5A_n78A	30	90	633334	120@60	DFT_BPSK	17.2
DC_5A_n78A	30	90	633334	1@1	DFT_BPSK	16.74
DC_5A_n78A	30	90	633334	1@243	DFT_BPSK	16.48
DC_5A_n78A	30	90	633334	243@0	DFT_QPSK	16.06
DC_5A_n78A	30	90	633334	120@60	DFT_QPSK	17.2
DC_5A_n78A	30	90	633334	1@1	DFT_QPSK	16.7
DC_5A_n78A	30	90	633334	1@243	DFT_QPSK	16.44
DC_5A_n78A	30	90	633334	243@0	DFT_16QAM	15.05
DC_5A_n78A	30	90	633334	120@60	DFT_16QAM	16.17
DC_5A_n78A	30	90	633334	1@1	DFT_16QAM	15.83
DC_5A_n78A	30	90	633334	1@243	DFT_16QAM	15.53
DC_5A_n78A	30	90	633334	243@0	DFT_64QAM	14.63
DC_5A_n78A	30	90	633334	120@60	DFT_64QAM	14.71
DC_5A_n78A	30	90	633334	1@1	DFT_64QAM	14.29
DC_5A_n78A	30	90	633334	1@243	DFT_64QAM	14.12



DC_5A_n78A	30	90	633334	243@0	DFT_256QAM	12.59
DC_5A_n78A	30	90	633334	120@60	DFT_256QAM	12.7
DC_5A_n78A	30	90	633334	1@1	DFT_256QAM	12.61
DC_5A_n78A	30	90	633334	1@243	DFT_256QAM	12.34
DC_5A_n78A	30	90	633334	245@0	CP_QPSK	14.1
DC_5A_n78A	30	90	633334	123@61	CP_QPSK	15.67
DC_5A_n78A	30	90	633334	1@1	CP_QPSK	15.26
DC_5A_n78A	30	90	633334	1@243	CP_QPSK	14.95
DC_5A_n78A	30	90	633666	243@0	DFT_BPSK	16.63
DC_5A_n78A	30	90	633666	120@60	DFT_BPSK	17.2
DC_5A_n78A	30	90	633666	1@1	DFT_BPSK	16.82
DC_5A_n78A	30	90	633666	1@243	DFT_BPSK	16.5
DC_5A_n78A	30	90	633666	243@0	DFT_QPSK	16.09
DC_5A_n78A	30	90	633666	120@60	DFT_QPSK	17.19
DC_5A_n78A	30	90	633666	1@1	DFT_QPSK	16.77
DC_5A_n78A	30	90	633666	1@243	DFT_QPSK	16.5
DC_5A_n78A	30	90	633666	243@0	DFT_16QAM	15.05
DC_5A_n78A	30	90	633666	120@60	DFT_16QAM	16.16
DC_5A_n78A	30	90	633666	1@1	DFT_16QAM	15.88
DC_5A_n78A	30	90	633666	1@243	DFT_16QAM	15.61
DC_5A_n78A	30	90	633666	243@0	DFT_64QAM	14.65
DC_5A_n78A	30	90	633666	120@60	DFT_64QAM	14.7
DC_5A_n78A	30	90	633666	1@1	DFT_64QAM	14.39
DC_5A_n78A	30	90	633666	1@243	DFT_64QAM	14.07
DC_5A_n78A	30	90	633666	243@0	DFT_256QAM	12.59
DC_5A_n78A	30	90	633666	120@60	DFT_256QAM	12.7
DC_5A_n78A	30	90	633666	1@1	DFT_256QAM	12.56
DC_5A_n78A	30	90	633666	1@243	DFT_256QAM	12.38
DC_5A_n78A	30	90	633666	245@0	CP_QPSK	14.12
DC_5A_n78A	30	90	633666	123@61	CP_QPSK	15.67
DC_5A_n78A	30	90	633666	1@1	CP_QPSK	15.3
DC_5A_n78A	30	90	633666	1@243	CP_QPSK	15.09
DC_5A_n78A	30	100	633334	270@0	DFT_BPSK	16.53
DC_5A_n78A	30	100	633334	135@67	DFT_BPSK	17.19
DC_5A_n78A	30	100	633334	1@1	DFT_BPSK	16.75
DC_5A_n78A	30	100	633334	1@271	DFT_BPSK	16.39
DC_5A_n78A	30	100	633334	270@0	DFT_QPSK	16.01
DC_5A_n78A	30	100	633334	135@67	DFT_QPSK	17.22
DC_5A_n78A	30	100	633334	1@1	DFT_QPSK	16.72
DC_5A_n78A	30	100	633334	1@271	DFT_QPSK	16.35
DC_5A_n78A	30	100	633334	270@0	DFT_16QAM	15.02
DC_5A_n78A	30	100	633334	135@67	DFT_16QAM	16.21
DC_5A_n78A	30	100	633334	1@1	DFT_16QAM	15.84
DC_5A_n78A	30	100	633334	1@271	DFT_16QAM	15.49
DC_5A_n78A	30	100	633334	270@0	DFT_64QAM	14.56
DC_5A_n78A	30	100	633334	135@67	DFT_64QAM	14.73
DC_5A_n78A	30	100	633334	1@1	DFT_64QAM	14.35
DC_5A_n78A	30	100	633334	1@271	DFT_64QAM	14.04



DC_5A_n78A	30	100	633334	270@0	DFT_256QAM	12.55
DC_5A_n78A	30	100	633334	135@67	DFT_256QAM	12.72
DC_5A_n78A	30	100	633334	1@1	DFT_256QAM	12.5
DC_5A_n78A	30	100	633334	1@271	DFT_256QAM	12.27
DC_5A_n78A	30	100	633334	273@0	CP_QPSK	14.08
DC_5A_n78A	30	100	633334	137@68	CP_QPSK	15.65
DC_5A_n78A	30	100	633334	1@1	CP_QPSK	15.26
DC_5A_n78A	30	100	633334	1@271	CP_QPSK	14.91

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
DC_5A_n78A	30	10	647000	24@0	DFT_BPSK	17.13
DC_5A_n78A	30	10	647000	12@6	DFT_BPSK	17.59
DC_5A_n78A	30	10	647000	1@1	DFT_BPSK	17.53
DC_5A_n78A	30	10	647000	1@22	DFT_BPSK	17.57
DC_5A_n78A	30	10	647000	24@0	DFT_QPSK	16.63
DC_5A_n78A	30	10	647000	12@6	DFT_QPSK	17.65
DC_5A_n78A	30	10	647000	1@1	DFT_QPSK	17.48
DC_5A_n78A	30	10	647000	1@22	DFT_QPSK	17.54
DC_5A_n78A	30	10	647000	24@0	DFT_16QAM	15.64
DC_5A_n78A	30	10	647000	12@6	DFT_16QAM	16.62
DC_5A_n78A	30	10	647000	1@1	DFT_16QAM	16.6
DC_5A_n78A	30	10	647000	1@22	DFT_16QAM	16.66
DC_5A_n78A	30	10	647000	24@0	DFT_64QAM	15.1
DC_5A_n78A	30	10	647000	12@6	DFT_64QAM	15.14
DC_5A_n78A	30	10	647000	1@1	DFT_64QAM	14.93
DC_5A_n78A	30	10	647000	1@22	DFT_64QAM	14.98
DC_5A_n78A	30	10	647000	24@0	DFT_256QAM	13.12
DC_5A_n78A	30	10	647000	12@6	DFT_256QAM	13.09
DC_5A_n78A	30	10	647000	1@1	DFT_256QAM	13.29
DC_5A_n78A	30	10	647000	1@22	DFT_256QAM	13.34
DC_5A_n78A	30	10	647000	24@0	CP_QPSK	14.6
DC_5A_n78A	30	10	647000	12@6	CP_QPSK	16.15
DC_5A_n78A	30	10	647000	1@1	CP_QPSK	15.98
DC_5A_n78A	30	10	647000	1@22	CP_QPSK	16.07
DC_5A_n78A	30	10	650000	24@0	DFT_BPSK	17.56
DC_5A_n78A	30	10	650000	12@6	DFT_BPSK	18.1
DC_5A_n78A	30	10	650000	1@1	DFT_BPSK	17.98
DC_5A_n78A	30	10	650000	1@22	DFT_BPSK	18.03
DC_5A_n78A	30	10	650000	24@0	DFT_QPSK	17.08
DC_5A_n78A	30	10	650000	12@6	DFT_QPSK	18.15
DC_5A_n78A	30	10	650000	1@1	DFT_QPSK	17.91
DC_5A_n78A	30	10	650000	1@22	DFT_QPSK	17.97
DC_5A_n78A	30	10	650000	24@0	DFT_16QAM	16.05
DC_5A_n78A	30	10	650000	12@6	DFT_16QAM	17.11
DC_5A_n78A	30	10	650000	1@1	DFT_16QAM	17.09
DC_5A_n78A	30	10	650000	1@22	DFT_16QAM	17.08
DC_5A_n78A	30	10	650000	24@0	DFT_64QAM	15.53
DC_5A_n78A	30	10	650000	12@6	DFT_64QAM	15.63



DC_5A_n78A	30	10	650000	1@1	DFT_64QAM	15.39
DC_5A_n78A	30	10	650000	1@22	DFT_64QAM	15.43
DC_5A_n78A	30	10	650000	24@0	DFT_256QAM	13.48
DC_5A_n78A	30	10	650000	12@6	DFT_256QAM	13.57
DC_5A_n78A	30	10	650000	1@1	DFT_256QAM	13.77
DC_5A_n78A	30	10	650000	1@22	DFT_256QAM	13.82
DC_5A_n78A	30	10	650000	24@0	CP_QPSK	15.06
DC_5A_n78A	30	10	650000	12@6	CP_QPSK	16.58
DC_5A_n78A	30	10	650000	1@1	CP_QPSK	16.57
DC_5A_n78A	30	10	650000	1@22	CP_QPSK	16.54
DC_5A_n78A	30	10	653000	24@0	DFT_BPSK	17.57
DC_5A_n78A	30	10	653000	12@6	DFT_BPSK	18.08
DC_5A_n78A	30	10	653000	1@1	DFT_BPSK	17.98
DC_5A_n78A	30	10	653000	1@22	DFT_BPSK	18.01
DC_5A_n78A	30	10	653000	24@0	DFT_QPSK	17.09
DC_5A_n78A	30	10	653000	12@6	DFT_QPSK	18.08
DC_5A_n78A	30	10	653000	1@1	DFT_QPSK	17.95
DC_5A_n78A	30	10	653000	1@22	DFT_QPSK	17.96
DC_5A_n78A	30	10	653000	24@0	DFT_16QAM	16.1
DC_5A_n78A	30	10	653000	12@6	DFT_16QAM	17.1
DC_5A_n78A	30	10	653000	1@1	DFT_16QAM	17.07
DC_5A_n78A	30	10	653000	1@22	DFT_16QAM	17.07
DC_5A_n78A	30	10	653000	24@0	DFT_64QAM	15.57
DC_5A_n78A	30	10	653000	12@6	DFT_64QAM	15.6
DC_5A_n78A	30	10	653000	1@1	DFT_64QAM	15.39
DC_5A_n78A	30	10	653000	1@22	DFT_64QAM	15.44
DC_5A_n78A	30	10	653000	24@0	DFT_256QAM	13.57
DC_5A_n78A	30	10	653000	12@6	DFT_256QAM	13.58
DC_5A_n78A	30	10	653000	1@1	DFT_256QAM	13.76
DC_5A_n78A	30	10	653000	1@22	DFT_256QAM	13.75
DC_5A_n78A	30	10	653000	24@0	CP_QPSK	15.05
DC_5A_n78A	30	10	653000	12@6	CP_QPSK	16.55
DC_5A_n78A	30	10	653000	1@1	CP_QPSK	16.46
DC_5A_n78A	30	10	653000	1@22	CP_QPSK	16.42
DC_5A_n78A	30	15	647168	36@0	DFT_BPSK	17.14
DC_5A_n78A	30	15	647168	18@9	DFT_BPSK	17.65
DC_5A_n78A	30	15	647168	1@1	DFT_BPSK	17.48
DC_5A_n78A	30	15	647168	1@36	DFT_BPSK	17.55
DC_5A_n78A	30	15	647168	36@0	DFT_QPSK	16.65
DC_5A_n78A	30	15	647168	18@9	DFT_QPSK	17.65
DC_5A_n78A	30	15	647168	1@1	DFT_QPSK	17.47
DC_5A_n78A	30	15	647168	1@36	DFT_QPSK	17.53
DC_5A_n78A	30	15	647168	36@0	DFT_16QAM	15.64
DC_5A_n78A	30	15	647168	18@9	DFT_16QAM	16.67
DC_5A_n78A	30	15	647168	1@1	DFT_16QAM	16.58
DC_5A_n78A	30	15	647168	1@36	DFT_16QAM	16.66
DC_5A_n78A	30	15	647168	36@0	DFT_64QAM	15.12
DC_5A_n78A	30	15	647168	18@9	DFT_64QAM	15.2



DC_5A_n78A	30	15	647168	1@1	DFT_64QAM	14.92
DC_5A_n78A	30	15	647168	1@36	DFT_64QAM	15.01
DC_5A_n78A	30	15	647168	36@0	DFT_256QAM	13.17
DC_5A_n78A	30	15	647168	18@9	DFT_256QAM	13.13
DC_5A_n78A	30	15	647168	1@1	DFT_256QAM	13.25
DC_5A_n78A	30	15	647168	1@36	DFT_256QAM	13.26
DC_5A_n78A	30	15	647168	38@0	CP_QPSK	14.63
DC_5A_n78A	30	15	647168	19@9	CP_QPSK	16.15
DC_5A_n78A	30	15	647168	1@1	CP_QPSK	15.99
DC_5A_n78A	30	15	647168	1@36	CP_QPSK	16.06
DC_5A_n78A	30	15	650000	36@0	DFT_BPSK	17.54
DC_5A_n78A	30	15	650000	18@9	DFT_BPSK	18.06
DC_5A_n78A	30	15	650000	1@1	DFT_BPSK	17.92
DC_5A_n78A	30	15	650000	1@36	DFT_BPSK	18.02
DC_5A_n78A	30	15	650000	36@0	DFT_QPSK	17.05
DC_5A_n78A	30	15	650000	18@9	DFT_QPSK	18.07
DC_5A_n78A	30	15	650000	1@1	DFT_QPSK	17.86
DC_5A_n78A	30	15	650000	1@36	DFT_QPSK	18.01
DC_5A_n78A	30	15	650000	36@0	DFT_16QAM	16.03
DC_5A_n78A	30	15	650000	18@9	DFT_16QAM	17.08
DC_5A_n78A	30	15	650000	1@1	DFT_16QAM	16.97
DC_5A_n78A	30	15	650000	1@36	DFT_16QAM	17.13
DC_5A_n78A	30	15	650000	36@0	DFT_64QAM	15.51
DC_5A_n78A	30	15	650000	18@9	DFT_64QAM	15.59
DC_5A_n78A	30	15	650000	1@1	DFT_64QAM	15.37
DC_5A_n78A	30	15	650000	1@36	DFT_64QAM	15.48
DC_5A_n78A	30	15	650000	36@0	DFT_256QAM	13.52
DC_5A_n78A	30	15	650000	18@9	DFT_256QAM	13.5
DC_5A_n78A	30	15	650000	1@1	DFT_256QAM	13.65
DC_5A_n78A	30	15	650000	1@36	DFT_256QAM	13.76
DC_5A_n78A	30	15	650000	38@0	CP_QPSK	15.07
DC_5A_n78A	30	15	650000	19@9	CP_QPSK	16.54
DC_5A_n78A	30	15	650000	1@1	CP_QPSK	16.53
DC_5A_n78A	30	15	650000	1@36	CP_QPSK	16.62
DC_5A_n78A	30	15	652832	36@0	DFT_BPSK	17.48
DC_5A_n78A	30	15	652832	18@9	DFT_BPSK	18.01
DC_5A_n78A	30	15	652832	1@1	DFT_BPSK	17.83
DC_5A_n78A	30	15	652832	1@36	DFT_BPSK	17.92
DC_5A_n78A	30	15	652832	36@0	DFT_QPSK	17
DC_5A_n78A	30	15	652832	18@9	DFT_QPSK	18
DC_5A_n78A	30	15	652832	1@1	DFT_QPSK	17.8
DC_5A_n78A	30	15	652832	1@36	DFT_QPSK	17.88
DC_5A_n78A	30	15	652832	36@0	DFT_16QAM	15.97
DC_5A_n78A	30	15	652832	18@9	DFT_16QAM	17
DC_5A_n78A	30	15	652832	1@1	DFT_16QAM	16.94
DC_5A_n78A	30	15	652832	1@36	DFT_16QAM	17.01
DC_5A_n78A	30	15	652832	36@0	DFT_64QAM	15.43
DC_5A_n78A	30	15	652832	18@9	DFT_64QAM	15.55



DC_5A_n78A	30	15	652832	1@1	DFT_64QAM	15.26
DC_5A_n78A	30	15	652832	1@36	DFT_64QAM	15.34
DC_5A_n78A	30	15	652832	36@0	DFT_256QAM	13.51
DC_5A_n78A	30	15	652832	18@9	DFT_256QAM	13.51
DC_5A_n78A	30	15	652832	1@1	DFT_256QAM	13.63
DC_5A_n78A	30	15	652832	1@36	DFT_256QAM	13.69
DC_5A_n78A	30	15	652832	38@0	CP_QPSK	15.01
DC_5A_n78A	30	15	652832	19@9	CP_QPSK	16.5
DC_5A_n78A	30	15	652832	1@1	CP_QPSK	16.32
DC_5A_n78A	30	15	652832	1@36	CP_QPSK	16.38
DC_5A_n78A	30	20	647334	50@0	DFT_BPSK	17.15
DC_5A_n78A	30	20	647334	25@12	DFT_BPSK	17.65
DC_5A_n78A	30	20	647334	1@1	DFT_BPSK	17.45
DC_5A_n78A	30	20	647334	1@49	DFT_BPSK	17.53
DC_5A_n78A	30	20	647334	50@0	DFT_QPSK	16.61
DC_5A_n78A	30	20	647334	25@12	DFT_QPSK	17.64
DC_5A_n78A	30	20	647334	1@1	DFT_QPSK	17.4
DC_5A_n78A	30	20	647334	1@49	DFT_QPSK	17.49
DC_5A_n78A	30	20	647334	50@0	DFT_16QAM	15.62
DC_5A_n78A	30	20	647334	25@12	DFT_16QAM	16.67
DC_5A_n78A	30	20	647334	1@1	DFT_16QAM	16.55
DC_5A_n78A	30	20	647334	1@49	DFT_16QAM	16.54
DC_5A_n78A	30	20	647334	50@0	DFT_64QAM	15.09
DC_5A_n78A	30	20	647334	25@12	DFT_64QAM	15.13
DC_5A_n78A	30	20	647334	1@1	DFT_64QAM	14.92
DC_5A_n78A	30	20	647334	1@49	DFT_64QAM	15.01
DC_5A_n78A	30	20	647334	50@0	DFT_256QAM	13.08
DC_5A_n78A	30	20	647334	25@12	DFT_256QAM	13.15
DC_5A_n78A	30	20	647334	1@1	DFT_256QAM	13.21
DC_5A_n78A	30	20	647334	1@49	DFT_256QAM	13.31
DC_5A_n78A	30	20	647334	51@0	CP_QPSK	14.58
DC_5A_n78A	30	20	647334	25@12	CP_QPSK	16.13
DC_5A_n78A	30	20	647334	1@1	CP_QPSK	15.97
DC_5A_n78A	30	20	647334	1@49	CP_QPSK	15.99
DC_5A_n78A	30	20	650000	50@0	DFT_BPSK	17.54
DC_5A_n78A	30	20	650000	25@12	DFT_BPSK	18.07
DC_5A_n78A	30	20	650000	1@1	DFT_BPSK	17.86
DC_5A_n78A	30	20	650000	1@49	DFT_BPSK	18
DC_5A_n78A	30	20	650000	50@0	DFT_QPSK	17.03
DC_5A_n78A	30	20	650000	25@12	DFT_QPSK	18.07
DC_5A_n78A	30	20	650000	1@1	DFT_QPSK	17.84
DC_5A_n78A	30	20	650000	1@49	DFT_QPSK	17.97
DC_5A_n78A	30	20	650000	50@0	DFT_16QAM	16.02
DC_5A_n78A	30	20	650000	25@12	DFT_16QAM	17.09
DC_5A_n78A	30	20	650000	1@1	DFT_16QAM	16.99
DC_5A_n78A	30	20	650000	1@49	DFT_16QAM	17.13
DC_5A_n78A	30	20	650000	50@0	DFT_64QAM	15.58
DC_5A_n78A	30	20	650000	25@12	DFT_64QAM	15.56



DC_5A_n78A	30	20	650000	1@1	DFT_64QAM	15.34
DC_5A_n78A	30	20	650000	1@49	DFT_64QAM	15.44
DC_5A_n78A	30	20	650000	50@0	DFT_256QAM	13.55
DC_5A_n78A	30	20	650000	25@12	DFT_256QAM	13.51
DC_5A_n78A	30	20	650000	1@1	DFT_256QAM	13.67
DC_5A_n78A	30	20	650000	1@49	DFT_256QAM	13.77
DC_5A_n78A	30	20	650000	51@0	CP_QPSK	15.02
DC_5A_n78A	30	20	650000	25@12	CP_QPSK	16.55
DC_5A_n78A	30	20	650000	1@1	CP_QPSK	16.37
DC_5A_n78A	30	20	650000	1@49	CP_QPSK	16.5
DC_5A_n78A	30	20	652666	50@0	DFT_BPSK	17.52
DC_5A_n78A	30	20	652666	25@12	DFT_BPSK	18.01
DC_5A_n78A	30	20	652666	1@1	DFT_BPSK	17.82
DC_5A_n78A	30	20	652666	1@49	DFT_BPSK	17.91
DC_5A_n78A	30	20	652666	50@0	DFT_QPSK	17.01
DC_5A_n78A	30	20	652666	25@12	DFT_QPSK	18.03
DC_5A_n78A	30	20	652666	1@1	DFT_QPSK	17.78
DC_5A_n78A	30	20	652666	1@49	DFT_QPSK	17.89
DC_5A_n78A	30	20	652666	50@0	DFT_16QAM	15.95
DC_5A_n78A	30	20	652666	25@12	DFT_16QAM	17
DC_5A_n78A	30	20	652666	1@1	DFT_16QAM	16.8
DC_5A_n78A	30	20	652666	1@49	DFT_16QAM	16.87
DC_5A_n78A	30	20	652666	50@0	DFT_64QAM	15.46
DC_5A_n78A	30	20	652666	25@12	DFT_64QAM	15.54
DC_5A_n78A	30	20	652666	1@1	DFT_64QAM	15.26
DC_5A_n78A	30	20	652666	1@49	DFT_64QAM	15.33
DC_5A_n78A	30	20	652666	50@0	DFT_256QAM	13.51
DC_5A_n78A	30	20	652666	25@12	DFT_256QAM	13.49
DC_5A_n78A	30	20	652666	1@1	DFT_256QAM	13.59
DC_5A_n78A	30	20	652666	1@49	DFT_256QAM	13.68
DC_5A_n78A	30	20	652666	51@0	CP_QPSK	14.97
DC_5A_n78A	30	20	652666	25@12	CP_QPSK	16.49
DC_5A_n78A	30	20	652666	1@1	CP_QPSK	16.28
DC_5A_n78A	30	20	652666	1@49	CP_QPSK	16.35
DC_5A_n78A	30	40	648000	100@0	DFT_BPSK	16.86
DC_5A_n78A	30	40	648000	50@25	DFT_BPSK	17.47
DC_5A_n78A	30	40	648000	1@1	DFT_BPSK	16.98
DC_5A_n78A	30	40	648000	1@104	DFT_BPSK	17.11
DC_5A_n78A	30	40	648000	100@0	DFT_QPSK	16.39
DC_5A_n78A	30	40	648000	50@25	DFT_QPSK	17.46
DC_5A_n78A	30	40	648000	1@1	DFT_QPSK	16.93
DC_5A_n78A	30	40	648000	1@104	DFT_QPSK	17.08
DC_5A_n78A	30	40	648000	100@0	DFT_16QAM	15.4
DC_5A_n78A	30	40	648000	50@25	DFT_16QAM	16.45
DC_5A_n78A	30	40	648000	1@1	DFT_16QAM	16.12
DC_5A_n78A	30	40	648000	1@104	DFT_16QAM	16.23
DC_5A_n78A	30	40	648000	100@0	DFT_64QAM	14.86
DC_5A_n78A	30	40	648000	50@25	DFT_64QAM	14.95



DC_5A_n78A	30	40	648000	1@1	DFT_64QAM	14.48
DC_5A_n78A	30	40	648000	1@104	DFT_64QAM	14.55
DC_5A_n78A	30	40	648000	100@0	DFT_256QAM	12.88
DC_5A_n78A	30	40	648000	50@25	DFT_256QAM	12.93
DC_5A_n78A	30	40	648000	1@1	DFT_256QAM	12.72
DC_5A_n78A	30	40	648000	1@104	DFT_256QAM	12.87
DC_5A_n78A	30	40	648000	106@0	CP_QPSK	14.3
DC_5A_n78A	30	40	648000	53@26	CP_QPSK	15.92
DC_5A_n78A	30	40	648000	1@1	CP_QPSK	15.57
DC_5A_n78A	30	40	648000	1@104	CP_QPSK	15.68
DC_5A_n78A	30	40	650000	100@0	DFT_BPSK	17.03
DC_5A_n78A	30	40	650000	50@25	DFT_BPSK	17.61
DC_5A_n78A	30	40	650000	1@1	DFT_BPSK	17.17
DC_5A_n78A	30	40	650000	1@104	DFT_BPSK	17.25
DC_5A_n78A	30	40	650000	100@0	DFT_QPSK	16.55
DC_5A_n78A	30	40	650000	50@25	DFT_QPSK	17.63
DC_5A_n78A	30	40	650000	1@1	DFT_QPSK	17.14
DC_5A_n78A	30	40	650000	1@104	DFT_QPSK	17.22
DC_5A_n78A	30	40	650000	100@0	DFT_16QAM	15.56
DC_5A_n78A	30	40	650000	50@25	DFT_16QAM	16.63
DC_5A_n78A	30	40	650000	1@1	DFT_16QAM	16.26
DC_5A_n78A	30	40	650000	1@104	DFT_16QAM	16.31
DC_5A_n78A	30	40	650000	100@0	DFT_64QAM	15.04
DC_5A_n78A	30	40	650000	50@25	DFT_64QAM	15.13
DC_5A_n78A	30	40	650000	1@1	DFT_64QAM	14.68
DC_5A_n78A	30	40	650000	1@104	DFT_64QAM	14.77
DC_5A_n78A	30	40	650000	100@0	DFT_256QAM	13.09
DC_5A_n78A	30	40	650000	50@25	DFT_256QAM	13.11
DC_5A_n78A	30	40	650000	1@1	DFT_256QAM	13.04
DC_5A_n78A	30	40	650000	1@104	DFT_256QAM	13.11
DC_5A_n78A	30	40	650000	106@0	CP_QPSK	14.48
DC_5A_n78A	30	40	650000	53@26	CP_QPSK	16.1
DC_5A_n78A	30	40	650000	1@1	CP_QPSK	15.72
DC_5A_n78A	30	40	650000	1@104	CP_QPSK	15.81
DC_5A_n78A	30	40	652000	100@0	DFT_BPSK	17.02
DC_5A_n78A	30	40	652000	50@25	DFT_BPSK	17.57
DC_5A_n78A	30	40	652000	1@1	DFT_BPSK	16.99
DC_5A_n78A	30	40	652000	1@104	DFT_BPSK	17.38
DC_5A_n78A	30	40	652000	100@0	DFT_QPSK	16.55
DC_5A_n78A	30	40	652000	50@25	DFT_QPSK	17.59
DC_5A_n78A	30	40	652000	1@1	DFT_QPSK	16.95
DC_5A_n78A	30	40	652000	1@104	DFT_QPSK	17.35
DC_5A_n78A	30	40	652000	100@0	DFT_16QAM	15.52
DC_5A_n78A	30	40	652000	50@25	DFT_16QAM	16.59
DC_5A_n78A	30	40	652000	1@1	DFT_16QAM	16.04
DC_5A_n78A	30	40	652000	1@104	DFT_16QAM	16.37
DC_5A_n78A	30	40	652000	100@0	DFT_64QAM	15.04
DC_5A_n78A	30	40	652000	50@25	DFT_64QAM	15.08



DC_5A_n78A	30	40	652000	1@1	DFT_64QAM	14.56
DC_5A_n78A	30	40	652000	1@104	DFT_64QAM	14.91
DC_5A_n78A	30	40	652000	100@0	DFT_256QAM	13.05
DC_5A_n78A	30	40	652000	50@25	DFT_256QAM	13.02
DC_5A_n78A	30	40	652000	1@1	DFT_256QAM	12.78
DC_5A_n78A	30	40	652000	1@104	DFT_256QAM	13.14
DC_5A_n78A	30	40	652000	106@0	CP_QPSK	14.49
DC_5A_n78A	30	40	652000	53@26	CP_QPSK	16.1
DC_5A_n78A	30	40	652000	1@1	CP_QPSK	15.48
DC_5A_n78A	30	40	652000	1@104	CP_QPSK	15.88
DC_5A_n78A	30	50	648334	128@0	DFT_BPSK	16.98
DC_5A_n78A	30	50	648334	64@32	DFT_BPSK	17.53
DC_5A_n78A	30	50	648334	1@1	DFT_BPSK	17.25
DC_5A_n78A	30	50	648334	1@131	DFT_BPSK	17.36
DC_5A_n78A	30	50	648334	128@0	DFT_QPSK	16.48
DC_5A_n78A	30	50	648334	64@32	DFT_QPSK	17.54
DC_5A_n78A	30	50	648334	1@1	DFT_QPSK	17.2
DC_5A_n78A	30	50	648334	1@131	DFT_QPSK	17.33
DC_5A_n78A	30	50	648334	128@0	DFT_16QAM	15.48
DC_5A_n78A	30	50	648334	64@32	DFT_16QAM	16.55
DC_5A_n78A	30	50	648334	1@1	DFT_16QAM	16.33
DC_5A_n78A	30	50	648334	1@131	DFT_16QAM	16.46
DC_5A_n78A	30	50	648334	128@0	DFT_64QAM	15
DC_5A_n78A	30	50	648334	64@32	DFT_64QAM	15.04
DC_5A_n78A	30	50	648334	1@1	DFT_64QAM	14.76
DC_5A_n78A	30	50	648334	1@131	DFT_64QAM	14.87
DC_5A_n78A	30	50	648334	128@0	DFT_256QAM	12.97
DC_5A_n78A	30	50	648334	64@32	DFT_256QAM	13.02
DC_5A_n78A	30	50	648334	1@1	DFT_256QAM	13.05
DC_5A_n78A	30	50	648334	1@131	DFT_256QAM	13.18
DC_5A_n78A	30	50	648334	133@0	CP_QPSK	14.47
DC_5A_n78A	30	50	648334	67@33	CP_QPSK	16.01
DC_5A_n78A	30	50	648334	1@1	CP_QPSK	15.73
DC_5A_n78A	30	50	648334	1@131	CP_QPSK	15.84
DC_5A_n78A	30	50	650000	128@0	DFT_BPSK	17.13
DC_5A_n78A	30	50	650000	64@32	DFT_BPSK	17.68
DC_5A_n78A	30	50	650000	1@1	DFT_BPSK	17.4
DC_5A_n78A	30	50	650000	1@131	DFT_BPSK	17.59
DC_5A_n78A	30	50	650000	128@0	DFT_QPSK	16.64
DC_5A_n78A	30	50	650000	64@32	DFT_QPSK	17.68
DC_5A_n78A	30	50	650000	1@1	DFT_QPSK	17.37
DC_5A_n78A	30	50	650000	1@131	DFT_QPSK	17.58
DC_5A_n78A	30	50	650000	128@0	DFT_16QAM	15.64
DC_5A_n78A	30	50	650000	64@32	DFT_16QAM	16.7
DC_5A_n78A	30	50	650000	1@1	DFT_16QAM	16.39
DC_5A_n78A	30	50	650000	1@131	DFT_16QAM	16.55
DC_5A_n78A	30	50	650000	128@0	DFT_64QAM	15.12
DC_5A_n78A	30	50	650000	64@32	DFT_64QAM	15.17



DC_5A_n78A	30	50	650000	1@1	DFT_64QAM	14.92
DC_5A_n78A	30	50	650000	1@131	DFT_64QAM	15.07
DC_5A_n78A	30	50	650000	128@0	DFT_256QAM	13.14
DC_5A_n78A	30	50	650000	64@32	DFT_256QAM	13.19
DC_5A_n78A	30	50	650000	1@1	DFT_256QAM	13.19
DC_5A_n78A	30	50	650000	1@131	DFT_256QAM	13.36
DC_5A_n78A	30	50	650000	133@0	CP_QPSK	14.63
DC_5A_n78A	30	50	650000	67@33	CP_QPSK	16.14
DC_5A_n78A	30	50	650000	1@1	CP_QPSK	15.94
DC_5A_n78A	30	50	650000	1@131	CP_QPSK	16.09
DC_5A_n78A	30	50	651666	128@0	DFT_BPSK	17.05
DC_5A_n78A	30	50	651666	64@32	DFT_BPSK	17.62
DC_5A_n78A	30	50	651666	1@1	DFT_BPSK	17.24
DC_5A_n78A	30	50	651666	1@131	DFT_BPSK	17.67
DC_5A_n78A	30	50	651666	128@0	DFT_QPSK	16.56
DC_5A_n78A	30	50	651666	64@32	DFT_QPSK	17.61
DC_5A_n78A	30	50	651666	1@1	DFT_QPSK	17.18
DC_5A_n78A	30	50	651666	1@131	DFT_QPSK	17.64
DC_5A_n78A	30	50	651666	128@0	DFT_16QAM	15.54
DC_5A_n78A	30	50	651666	64@32	DFT_16QAM	16.64
DC_5A_n78A	30	50	651666	1@1	DFT_16QAM	16.33
DC_5A_n78A	30	50	651666	1@131	DFT_16QAM	16.79
DC_5A_n78A	30	50	651666	128@0	DFT_64QAM	15.08
DC_5A_n78A	30	50	651666	64@32	DFT_64QAM	15.12
DC_5A_n78A	30	50	651666	1@1	DFT_64QAM	14.74
DC_5A_n78A	30	50	651666	1@131	DFT_64QAM	15.15
DC_5A_n78A	30	50	651666	128@0	DFT_256QAM	13.06
DC_5A_n78A	30	50	651666	64@32	DFT_256QAM	13.11
DC_5A_n78A	30	50	651666	1@1	DFT_256QAM	13
DC_5A_n78A	30	50	651666	1@131	DFT_256QAM	13.41
DC_5A_n78A	30	50	651666	133@0	CP_QPSK	14.56
DC_5A_n78A	30	50	651666	67@33	CP_QPSK	16.1
DC_5A_n78A	30	50	651666	1@1	CP_QPSK	15.75
DC_5A_n78A	30	50	651666	1@131	CP_QPSK	16.21
DC_5A_n78A	30	60	648668	162@0	DFT_BPSK	16.91
DC_5A_n78A	30	60	648668	81@40	DFT_BPSK	17.51
DC_5A_n78A	30	60	648668	1@1	DFT_BPSK	17.15
DC_5A_n78A	30	60	648668	1@160	DFT_BPSK	17.27
DC_5A_n78A	30	60	648668	162@0	DFT_QPSK	16.41
DC_5A_n78A	30	60	648668	81@40	DFT_QPSK	17.51
DC_5A_n78A	30	60	648668	1@1	DFT_QPSK	17.1
DC_5A_n78A	30	60	648668	1@160	DFT_QPSK	17.21
DC_5A_n78A	30	60	648668	162@0	DFT_16QAM	15.39
DC_5A_n78A	30	60	648668	81@40	DFT_16QAM	16.54
DC_5A_n78A	30	60	648668	1@1	DFT_16QAM	16.33
DC_5A_n78A	30	60	648668	1@160	DFT_16QAM	16.35
DC_5A_n78A	30	60	648668	162@0	DFT_64QAM	14.9
DC_5A_n78A	30	60	648668	81@40	DFT_64QAM	15



DC_5A_n78A	30	60	648668	1@1	DFT_64QAM	14.7
DC_5A_n78A	30	60	648668	1@160	DFT_64QAM	14.8
DC_5A_n78A	30	60	648668	162@0	DFT_256QAM	12.9
DC_5A_n78A	30	60	648668	81@40	DFT_256QAM	12.99
DC_5A_n78A	30	60	648668	1@1	DFT_256QAM	12.97
DC_5A_n78A	30	60	648668	1@160	DFT_256QAM	13.09
DC_5A_n78A	30	60	648668	162@0	CP_QPSK	14.38
DC_5A_n78A	30	60	648668	81@40	CP_QPSK	15.96
DC_5A_n78A	30	60	648668	1@1	CP_QPSK	15.71
DC_5A_n78A	30	60	648668	1@160	CP_QPSK	15.8
DC_5A_n78A	30	60	650000	162@0	DFT_BPSK	17.05
DC_5A_n78A	30	60	650000	81@40	DFT_BPSK	17.67
DC_5A_n78A	30	60	650000	1@1	DFT_BPSK	17.34
DC_5A_n78A	30	60	650000	1@160	DFT_BPSK	17.58
DC_5A_n78A	30	60	650000	162@0	DFT_QPSK	16.58
DC_5A_n78A	30	60	650000	81@40	DFT_QPSK	17.68
DC_5A_n78A	30	60	650000	1@1	DFT_QPSK	17.27
DC_5A_n78A	30	60	650000	1@160	DFT_QPSK	17.54
DC_5A_n78A	30	60	650000	162@0	DFT_16QAM	15.59
DC_5A_n78A	30	60	650000	81@40	DFT_16QAM	16.68
DC_5A_n78A	30	60	650000	1@1	DFT_16QAM	16.48
DC_5A_n78A	30	60	650000	1@160	DFT_16QAM	16.72
DC_5A_n78A	30	60	650000	162@0	DFT_64QAM	15.12
DC_5A_n78A	30	60	650000	81@40	DFT_64QAM	15.16
DC_5A_n78A	30	60	650000	1@1	DFT_64QAM	14.77
DC_5A_n78A	30	60	650000	1@160	DFT_64QAM	15.03
DC_5A_n78A	30	60	650000	162@0	DFT_256QAM	13.1
DC_5A_n78A	30	60	650000	81@40	DFT_256QAM	13.17
DC_5A_n78A	30	60	650000	1@1	DFT_256QAM	13.11
DC_5A_n78A	30	60	650000	1@160	DFT_256QAM	13.39
DC_5A_n78A	30	60	650000	162@0	CP_QPSK	14.58
DC_5A_n78A	30	60	650000	81@40	CP_QPSK	16.14
DC_5A_n78A	30	60	650000	1@1	CP_QPSK	15.91
DC_5A_n78A	30	60	650000	1@160	CP_QPSK	16.14
DC_5A_n78A	30	60	651332	162@0	DFT_BPSK	17.08
DC_5A_n78A	30	60	651332	81@40	DFT_BPSK	17.62
DC_5A_n78A	30	60	651332	1@1	DFT_BPSK	17.29
DC_5A_n78A	30	60	651332	1@160	DFT_BPSK	17.65
DC_5A_n78A	30	60	651332	162@0	DFT_QPSK	16.58
DC_5A_n78A	30	60	651332	81@40	DFT_QPSK	17.62
DC_5A_n78A	30	60	651332	1@1	DFT_QPSK	17.19
DC_5A_n78A	30	60	651332	1@160	DFT_QPSK	17.61
DC_5A_n78A	30	60	651332	162@0	DFT_16QAM	15.57
DC_5A_n78A	30	60	651332	81@40	DFT_16QAM	16.63
DC_5A_n78A	30	60	651332	1@1	DFT_16QAM	16.3
DC_5A_n78A	30	60	651332	1@160	DFT_16QAM	16.75
DC_5A_n78A	30	60	651332	162@0	DFT_64QAM	15.08
DC_5A_n78A	30	60	651332	81@40	DFT_64QAM	15.13



DC_5A_n78A	30	60	651332	1@1	DFT_64QAM	14.7
DC_5A_n78A	30	60	651332	1@160	DFT_64QAM	15.17
DC_5A_n78A	30	60	651332	162@0	DFT_256QAM	13.08
DC_5A_n78A	30	60	651332	81@40	DFT_256QAM	13.12
DC_5A_n78A	30	60	651332	1@1	DFT_256QAM	13.01
DC_5A_n78A	30	60	651332	1@160	DFT_256QAM	13.34
DC_5A_n78A	30	60	651332	162@0	CP_QPSK	14.53
DC_5A_n78A	30	60	651332	81@40	CP_QPSK	16.08
DC_5A_n78A	30	60	651332	1@1	CP_QPSK	15.71
DC_5A_n78A	30	60	651332	1@160	CP_QPSK	16.13
DC_5A_n78A	30	70	649000	180@0	DFT_BPSK	17.28
DC_5A_n78A	30	70	649000	90@45	DFT_BPSK	17.78
DC_5A_n78A	30	70	649000	1@1	DFT_BPSK	17.39
DC_5A_n78A	30	70	649000	1@187	DFT_BPSK	17.59
DC_5A_n78A	30	70	649000	180@0	DFT_QPSK	16.76
DC_5A_n78A	30	70	649000	90@45	DFT_QPSK	17.78
DC_5A_n78A	30	70	649000	1@1	DFT_QPSK	17.38
DC_5A_n78A	30	70	649000	1@187	DFT_QPSK	17.6
DC_5A_n78A	30	70	649000	180@0	DFT_16QAM	15.75
DC_5A_n78A	30	70	649000	90@45	DFT_16QAM	16.72
DC_5A_n78A	30	70	649000	1@1	DFT_16QAM	16.41
DC_5A_n78A	30	70	649000	1@187	DFT_16QAM	16.65
DC_5A_n78A	30	70	649000	180@0	DFT_64QAM	15.2
DC_5A_n78A	30	70	649000	90@45	DFT_64QAM	15.23
DC_5A_n78A	30	70	649000	1@1	DFT_64QAM	14.82
DC_5A_n78A	30	70	649000	1@187	DFT_64QAM	15.03
DC_5A_n78A	30	70	649000	180@0	DFT_256QAM	13.26
DC_5A_n78A	30	70	649000	90@45	DFT_256QAM	13.27
DC_5A_n78A	30	70	649000	1@1	DFT_256QAM	13.19
DC_5A_n78A	30	70	649000	1@187	DFT_256QAM	13.42
DC_5A_n78A	30	70	649000	189@0	CP_QPSK	14.74
DC_5A_n78A	30	70	649000	95@47	CP_QPSK	16.25
DC_5A_n78A	30	70	649000	1@1	CP_QPSK	15.97
DC_5A_n78A	30	70	649000	1@187	CP_QPSK	16.1
DC_5A_n78A	30	70	650000	180@0	DFT_BPSK	17.27
DC_5A_n78A	30	70	650000	90@45	DFT_BPSK	17.84
DC_5A_n78A	30	70	650000	1@1	DFT_BPSK	17.33
DC_5A_n78A	30	70	650000	1@187	DFT_BPSK	17.68
DC_5A_n78A	30	70	650000	180@0	DFT_QPSK	16.77
DC_5A_n78A	30	70	650000	90@45	DFT_QPSK	17.84
DC_5A_n78A	30	70	650000	1@1	DFT_QPSK	17.33
DC_5A_n78A	30	70	650000	1@187	DFT_QPSK	17.67
DC_5A_n78A	30	70	650000	180@0	DFT_16QAM	15.78
DC_5A_n78A	30	70	650000	90@45	DFT_16QAM	16.8
DC_5A_n78A	30	70	650000	1@1	DFT_16QAM	16.36
DC_5A_n78A	30	70	650000	1@187	DFT_16QAM	16.7
DC_5A_n78A	30	70	650000	180@0	DFT_64QAM	15.24
DC_5A_n78A	30	70	650000	90@45	DFT_64QAM	15.27



DC_5A_n78A	30	70	650000	1@1	DFT_64QAM	14.74
DC_5A_n78A	30	70	650000	1@187	DFT_64QAM	15.1
DC_5A_n78A	30	70	650000	180@0	DFT_256QAM	13.29
DC_5A_n78A	30	70	650000	90@45	DFT_256QAM	13.32
DC_5A_n78A	30	70	650000	1@1	DFT_256QAM	13.17
DC_5A_n78A	30	70	650000	1@187	DFT_256QAM	13.5
DC_5A_n78A	30	70	650000	189@0	CP_QPSK	14.75
DC_5A_n78A	30	70	650000	95@47	CP_QPSK	16.3
DC_5A_n78A	30	70	650000	1@1	CP_QPSK	15.79
DC_5A_n78A	30	70	650000	1@187	CP_QPSK	16.16
DC_5A_n78A	30	70	651000	180@0	DFT_BPSK	17.27
DC_5A_n78A	30	70	651000	90@45	DFT_BPSK	17.8
DC_5A_n78A	30	70	651000	1@1	DFT_BPSK	17.25
DC_5A_n78A	30	70	651000	1@187	DFT_BPSK	17.73
DC_5A_n78A	30	70	651000	180@0	DFT_QPSK	16.78
DC_5A_n78A	30	70	651000	90@45	DFT_QPSK	17.83
DC_5A_n78A	30	70	651000	1@1	DFT_QPSK	17.27
DC_5A_n78A	30	70	651000	1@187	DFT_QPSK	17.75
DC_5A_n78A	30	70	651000	180@0	DFT_16QAM	15.79
DC_5A_n78A	30	70	651000	90@45	DFT_16QAM	16.8
DC_5A_n78A	30	70	651000	1@1	DFT_16QAM	16.22
DC_5A_n78A	30	70	651000	1@187	DFT_16QAM	16.71
DC_5A_n78A	30	70	651000	180@0	DFT_64QAM	15.24
DC_5A_n78A	30	70	651000	90@45	DFT_64QAM	15.28
DC_5A_n78A	30	70	651000	1@1	DFT_64QAM	14.71
DC_5A_n78A	30	70	651000	1@187	DFT_64QAM	15.19
DC_5A_n78A	30	70	651000	180@0	DFT_256QAM	13.27
DC_5A_n78A	30	70	651000	90@45	DFT_256QAM	13.29
DC_5A_n78A	30	70	651000	1@1	DFT_256QAM	12.97
DC_5A_n78A	30	70	651000	1@187	DFT_256QAM	13.44
DC_5A_n78A	30	70	651000	189@0	CP_QPSK	14.8
DC_5A_n78A	30	70	651000	95@47	CP_QPSK	16.32
DC_5A_n78A	30	70	651000	1@1	CP_QPSK	15.77
DC_5A_n78A	30	70	651000	1@187	CP_QPSK	16.24
DC_5A_n78A	30	80	649334	216@0	DFT_BPSK	17.18
DC_5A_n78A	30	80	649334	108@54	DFT_BPSK	17.77
DC_5A_n78A	30	80	649334	1@1	DFT_BPSK	17.29
DC_5A_n78A	30	80	649334	1@215	DFT_BPSK	17.53
DC_5A_n78A	30	80	649334	216@0	DFT_QPSK	16.69
DC_5A_n78A	30	80	649334	108@54	DFT_QPSK	17.81
DC_5A_n78A	30	80	649334	1@1	DFT_QPSK	17.27
DC_5A_n78A	30	80	649334	1@215	DFT_QPSK	17.53
DC_5A_n78A	30	80	649334	216@0	DFT_16QAM	15.69
DC_5A_n78A	30	80	649334	108@54	DFT_16QAM	16.8
DC_5A_n78A	30	80	649334	1@1	DFT_16QAM	16.31
DC_5A_n78A	30	80	649334	1@215	DFT_16QAM	16.6
DC_5A_n78A	30	80	649334	216@0	DFT_64QAM	15.17
DC_5A_n78A	30	80	649334	108@54	DFT_64QAM	15.25



DC_5A_n78A	30	80	649334	1@1	DFT_64QAM	14.76
DC_5A_n78A	30	80	649334	1@215	DFT_64QAM	15.03
DC_5A_n78A	30	80	649334	216@0	DFT_256QAM	13.24
DC_5A_n78A	30	80	649334	108@54	DFT_256QAM	13.3
DC_5A_n78A	30	80	649334	1@1	DFT_256QAM	13.02
DC_5A_n78A	30	80	649334	1@215	DFT_256QAM	13.29
DC_5A_n78A	30	80	649334	217@0	CP_QPSK	14.71
DC_5A_n78A	30	80	649334	109@54	CP_QPSK	16.26
DC_5A_n78A	30	80	649334	1@1	CP_QPSK	15.76
DC_5A_n78A	30	80	649334	1@215	CP_QPSK	16
DC_5A_n78A	30	80	650000	216@0	DFT_BPSK	17.23
DC_5A_n78A	30	80	650000	108@54	DFT_BPSK	17.84
DC_5A_n78A	30	80	650000	1@1	DFT_BPSK	17.23
DC_5A_n78A	30	80	650000	1@215	DFT_BPSK	17.63
DC_5A_n78A	30	80	650000	216@0	DFT_QPSK	16.75
DC_5A_n78A	30	80	650000	108@54	DFT_QPSK	17.83
DC_5A_n78A	30	80	650000	1@1	DFT_QPSK	17.26
DC_5A_n78A	30	80	650000	1@215	DFT_QPSK	17.65
DC_5A_n78A	30	80	650000	216@0	DFT_16QAM	15.76
DC_5A_n78A	30	80	650000	108@54	DFT_16QAM	16.83
DC_5A_n78A	30	80	650000	1@1	DFT_16QAM	16.28
DC_5A_n78A	30	80	650000	1@215	DFT_16QAM	16.65
DC_5A_n78A	30	80	650000	216@0	DFT_64QAM	15.23
DC_5A_n78A	30	80	650000	108@54	DFT_64QAM	15.27
DC_5A_n78A	30	80	650000	1@1	DFT_64QAM	14.73
DC_5A_n78A	30	80	650000	1@215	DFT_64QAM	15.14
DC_5A_n78A	30	80	650000	216@0	DFT_256QAM	13.3
DC_5A_n78A	30	80	650000	108@54	DFT_256QAM	13.31
DC_5A_n78A	30	80	650000	1@1	DFT_256QAM	12.99
DC_5A_n78A	30	80	650000	1@215	DFT_256QAM	13.38
DC_5A_n78A	30	80	650000	217@0	CP_QPSK	14.75
DC_5A_n78A	30	80	650000	109@54	CP_QPSK	16.29
DC_5A_n78A	30	80	650000	1@1	CP_QPSK	15.71
DC_5A_n78A	30	80	650000	1@215	CP_QPSK	16.07
DC_5A_n78A	30	80	650666	216@0	DFT_BPSK	17.24
DC_5A_n78A	30	80	650666	108@54	DFT_BPSK	17.84
DC_5A_n78A	30	80	650666	1@1	DFT_BPSK	17.17
DC_5A_n78A	30	80	650666	1@215	DFT_BPSK	17.64
DC_5A_n78A	30	80	650666	216@0	DFT_QPSK	16.72
DC_5A_n78A	30	80	650666	108@54	DFT_QPSK	17.82
DC_5A_n78A	30	80	650666	1@1	DFT_QPSK	17.19
DC_5A_n78A	30	80	650666	1@215	DFT_QPSK	17.65
DC_5A_n78A	30	80	650666	216@0	DFT_16QAM	15.71
DC_5A_n78A	30	80	650666	108@54	DFT_16QAM	16.83
DC_5A_n78A	30	80	650666	1@1	DFT_16QAM	16.21
DC_5A_n78A	30	80	650666	1@215	DFT_16QAM	16.7
DC_5A_n78A	30	80	650666	216@0	DFT_64QAM	15.18
DC_5A_n78A	30	80	650666	108@54	DFT_64QAM	15.26



DC_5A_n78A	30	80	650666	1@1	DFT_64QAM	14.67
DC_5A_n78A	30	80	650666	1@215	DFT_64QAM	15.14
DC_5A_n78A	30	80	650666	216@0	DFT_256QAM	13.26
DC_5A_n78A	30	80	650666	108@54	DFT_256QAM	13.32
DC_5A_n78A	30	80	650666	1@1	DFT_256QAM	12.99
DC_5A_n78A	30	80	650666	1@215	DFT_256QAM	13.49
DC_5A_n78A	30	80	650666	217@0	CP_QPSK	14.74
DC_5A_n78A	30	80	650666	109@54	CP_QPSK	16.29
DC_5A_n78A	30	80	650666	1@1	CP_QPSK	15.7
DC_5A_n78A	30	80	650666	1@215	CP_QPSK	16.07
DC_5A_n78A	30	90	649668	243@0	DFT_BPSK	17.25
DC_5A_n78A	30	90	649668	120@60	DFT_BPSK	17.8
DC_5A_n78A	30	90	649668	1@1	DFT_BPSK	17.19
DC_5A_n78A	30	90	649668	1@243	DFT_BPSK	17.58
DC_5A_n78A	30	90	649668	243@0	DFT_QPSK	16.75
DC_5A_n78A	30	90	649668	120@60	DFT_QPSK	17.8
DC_5A_n78A	30	90	649668	1@1	DFT_QPSK	17.16
DC_5A_n78A	30	90	649668	1@243	DFT_QPSK	17.55
DC_5A_n78A	30	90	649668	243@0	DFT_16QAM	15.74
DC_5A_n78A	30	90	649668	120@60	DFT_16QAM	16.81
DC_5A_n78A	30	90	649668	1@1	DFT_16QAM	16.26
DC_5A_n78A	30	90	649668	1@243	DFT_16QAM	16.62
DC_5A_n78A	30	90	649668	243@0	DFT_64QAM	15.26
DC_5A_n78A	30	90	649668	120@60	DFT_64QAM	15.28
DC_5A_n78A	30	90	649668	1@1	DFT_64QAM	14.6
DC_5A_n78A	30	90	649668	1@243	DFT_64QAM	15
DC_5A_n78A	30	90	649668	243@0	DFT_256QAM	13.25
DC_5A_n78A	30	90	649668	120@60	DFT_256QAM	13.32
DC_5A_n78A	30	90	649668	1@1	DFT_256QAM	12.9
DC_5A_n78A	30	90	649668	1@243	DFT_256QAM	13.28
DC_5A_n78A	30	90	649668	245@0	CP_QPSK	14.8
DC_5A_n78A	30	90	649668	123@61	CP_QPSK	16.27
DC_5A_n78A	30	90	649668	1@1	CP_QPSK	15.72
DC_5A_n78A	30	90	649668	1@243	CP_QPSK	16.1
DC_5A_n78A	30	90	650000	243@0	DFT_BPSK	17.24
DC_5A_n78A	30	90	650000	120@60	DFT_BPSK	17.82
DC_5A_n78A	30	90	650000	1@1	DFT_BPSK	17.18
DC_5A_n78A	30	90	650000	1@243	DFT_BPSK	17.57
DC_5A_n78A	30	90	650000	243@0	DFT_QPSK	16.74
DC_5A_n78A	30	90	650000	120@60	DFT_QPSK	17.81
DC_5A_n78A	30	90	650000	1@1	DFT_QPSK	17.12
DC_5A_n78A	30	90	650000	1@243	DFT_QPSK	17.54
DC_5A_n78A	30	90	650000	243@0	DFT_16QAM	15.74
DC_5A_n78A	30	90	650000	120@60	DFT_16QAM	16.79
DC_5A_n78A	30	90	650000	1@1	DFT_16QAM	16.28
DC_5A_n78A	30	90	650000	1@243	DFT_16QAM	16.63
DC_5A_n78A	30	90	650000	243@0	DFT_64QAM	15.23
DC_5A_n78A	30	90	650000	120@60	DFT_64QAM	15.28



DC_5A_n78A	30	90	650000	1@1	DFT_64QAM	14.69
DC_5A_n78A	30	90	650000	1@243	DFT_64QAM	15.1
DC_5A_n78A	30	90	650000	243@0	DFT_256QAM	13.26
DC_5A_n78A	30	90	650000	120@60	DFT_256QAM	13.3
DC_5A_n78A	30	90	650000	1@1	DFT_256QAM	12.88
DC_5A_n78A	30	90	650000	1@243	DFT_256QAM	13.27
DC_5A_n78A	30	90	650000	245@0	CP_QPSK	14.79
DC_5A_n78A	30	90	650000	123@61	CP_QPSK	16.27
DC_5A_n78A	30	90	650000	1@1	CP_QPSK	15.81
DC_5A_n78A	30	90	650000	1@243	CP_QPSK	16.16
DC_5A_n78A	30	90	650332	243@0	DFT_BPSK	17.2
DC_5A_n78A	30	90	650332	120@60	DFT_BPSK	17.79
DC_5A_n78A	30	90	650332	1@1	DFT_BPSK	17.12
DC_5A_n78A	30	90	650332	1@243	DFT_BPSK	17.54
DC_5A_n78A	30	90	650332	243@0	DFT_QPSK	16.69
DC_5A_n78A	30	90	650332	120@60	DFT_QPSK	17.8
DC_5A_n78A	30	90	650332	1@1	DFT_QPSK	17.1
DC_5A_n78A	30	90	650332	1@243	DFT_QPSK	17.51
DC_5A_n78A	30	90	650332	243@0	DFT_16QAM	15.69
DC_5A_n78A	30	90	650332	120@60	DFT_16QAM	16.77
DC_5A_n78A	30	90	650332	1@1	DFT_16QAM	16.1
DC_5A_n78A	30	90	650332	1@243	DFT_16QAM	16.57
DC_5A_n78A	30	90	650332	243@0	DFT_64QAM	15.19
DC_5A_n78A	30	90	650332	120@60	DFT_64QAM	15.25
DC_5A_n78A	30	90	650332	1@1	DFT_64QAM	14.5
DC_5A_n78A	30	90	650332	1@243	DFT_64QAM	14.94
DC_5A_n78A	30	90	650332	243@0	DFT_256QAM	13.19
DC_5A_n78A	30	90	650332	120@60	DFT_256QAM	13.29
DC_5A_n78A	30	90	650332	1@1	DFT_256QAM	12.95
DC_5A_n78A	30	90	650332	1@243	DFT_256QAM	13.38
DC_5A_n78A	30	90	650332	245@0	CP_QPSK	14.71
DC_5A_n78A	30	90	650332	123@61	CP_QPSK	16.24
DC_5A_n78A	30	90	650332	1@1	CP_QPSK	15.61
DC_5A_n78A	30	90	650332	1@243	CP_QPSK	16.17
DC_5A_n78A	30	100	650000	270@0	DFT_BPSK	17.21
DC_5A_n78A	30	100	650000	135@67	DFT_BPSK	17.79
DC_5A_n78A	30	100	650000	1@1	DFT_BPSK	17.08
DC_5A_n78A	30	100	650000	1@271	DFT_BPSK	17.51
DC_5A_n78A	30	100	650000	270@0	DFT_QPSK	16.7
DC_5A_n78A	30	100	650000	135@67	DFT_QPSK	17.82
DC_5A_n78A	30	100	650000	1@1	DFT_QPSK	17.06
DC_5A_n78A	30	100	650000	1@271	DFT_QPSK	17.48
DC_5A_n78A	30	100	650000	270@0	DFT_16QAM	15.71
DC_5A_n78A	30	100	650000	135@67	DFT_16QAM	16.8
DC_5A_n78A	30	100	650000	1@1	DFT_16QAM	16.09
DC_5A_n78A	30	100	650000	1@271	DFT_16QAM	16.53
DC_5A_n78A	30	100	650000	270@0	DFT_64QAM	15.17
DC_5A_n78A	30	100	650000	135@67	DFT_64QAM	15.27



DC_5A_n78A	30	100	650000	1@1	DFT_64QAM	14.62
DC_5A_n78A	30	100	650000	1@271	DFT_64QAM	15
DC_5A_n78A	30	100	650000	270@0	DFT_256QAM	13.21
DC_5A_n78A	30	100	650000	135@67	DFT_256QAM	13.3
DC_5A_n78A	30	100	650000	1@1	DFT_256QAM	12.96
DC_5A_n78A	30	100	650000	1@271	DFT_256QAM	13.29
DC_5A_n78A	30	100	650000	273@0	CP_QPSK	14.74
DC_5A_n78A	30	100	650000	137@68	CP_QPSK	16.27
DC_5A_n78A	30	100	650000	1@1	CP_QPSK	15.54
DC_5A_n78A	30	100	650000	1@271	CP_QPSK	16.06

N78+B12

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
DC_12A_n78A	30	10	630334	24@0	DFT_BPSK	16.78
DC_12A_n78A	30	10	630334	12@6	DFT_BPSK	17.26
DC_12A_n78A	30	10	630334	1@1	DFT_BPSK	17.23
DC_12A_n78A	30	10	630334	1@22	DFT_BPSK	17.17
DC_12A_n78A	30	10	630334	24@0	DFT_QPSK	16.29
DC_12A_n78A	30	10	630334	12@6	DFT_QPSK	17.29
DC_12A_n78A	30	10	630334	1@1	DFT_QPSK	17.19
DC_12A_n78A	30	10	630334	1@22	DFT_QPSK	17.14
DC_12A_n78A	30	10	630334	24@0	DFT_16QAM	15.28
DC_12A_n78A	30	10	630334	12@6	DFT_16QAM	16.25
DC_12A_n78A	30	10	630334	1@1	DFT_16QAM	16.33
DC_12A_n78A	30	10	630334	1@22	DFT_16QAM	16.23
DC_12A_n78A	30	10	630334	24@0	DFT_64QAM	14.78
DC_12A_n78A	30	10	630334	12@6	DFT_64QAM	14.85
DC_12A_n78A	30	10	630334	1@1	DFT_64QAM	14.75
DC_12A_n78A	30	10	630334	1@22	DFT_64QAM	14.68
DC_12A_n78A	30	10	630334	24@0	DFT_256QAM	12.79
DC_12A_n78A	30	10	630334	12@6	DFT_256QAM	12.79
DC_12A_n78A	30	10	630334	1@1	DFT_256QAM	13.04
DC_12A_n78A	30	10	630334	1@22	DFT_256QAM	12.95
DC_12A_n78A	30	10	630334	24@0	CP_QPSK	14.3
DC_12A_n78A	30	10	630334	12@6	CP_QPSK	15.77
DC_12A_n78A	30	10	630334	1@1	CP_QPSK	15.76
DC_12A_n78A	30	10	630334	1@22	CP_QPSK	15.68
DC_12A_n78A	30	10	633334	24@0	DFT_BPSK	16.68
DC_12A_n78A	30	10	633334	12@6	DFT_BPSK	17.2
DC_12A_n78A	30	10	633334	1@1	DFT_BPSK	17.14
DC_12A_n78A	30	10	633334	1@22	DFT_BPSK	17.11
DC_12A_n78A	30	10	633334	24@0	DFT_QPSK	16.21
DC_12A_n78A	30	10	633334	12@6	DFT_QPSK	17.17
DC_12A_n78A	30	10	633334	1@1	DFT_QPSK	17.12
DC_12A_n78A	30	10	633334	1@22	DFT_QPSK	17.08
DC_12A_n78A	30	10	633334	24@0	DFT_16QAM	15.22
DC_12A_n78A	30	10	633334	12@6	DFT_16QAM	16.23
DC_12A_n78A	30	10	633334	1@1	DFT_16QAM	16.12



DC_12A_n78A	30	10	633334	1@22	DFT_16QAM	16.07
DC_12A_n78A	30	10	633334	24@0	DFT_64QAM	14.74
DC_12A_n78A	30	10	633334	12@6	DFT_64QAM	14.69
DC_12A_n78A	30	10	633334	1@1	DFT_64QAM	14.61
DC_12A_n78A	30	10	633334	1@22	DFT_64QAM	14.59
DC_12A_n78A	30	10	633334	24@0	DFT_256QAM	12.73
DC_12A_n78A	30	10	633334	12@6	DFT_256QAM	12.66
DC_12A_n78A	30	10	633334	1@1	DFT_256QAM	12.91
DC_12A_n78A	30	10	633334	1@22	DFT_256QAM	12.91
DC_12A_n78A	30	10	633334	24@0	CP_QPSK	14.24
DC_12A_n78A	30	10	633334	12@6	CP_QPSK	15.66
DC_12A_n78A	30	10	633334	1@1	CP_QPSK	15.66
DC_12A_n78A	30	10	633334	1@22	CP_QPSK	15.61
DC_12A_n78A	30	10	636332	24@0	DFT_BPSK	16.87
DC_12A_n78A	30	10	636332	12@6	DFT_BPSK	17.33
DC_12A_n78A	30	10	636332	1@1	DFT_BPSK	17.28
DC_12A_n78A	30	10	636332	1@22	DFT_BPSK	17.29
DC_12A_n78A	30	10	636332	24@0	DFT_QPSK	16.33
DC_12A_n78A	30	10	636332	12@6	DFT_QPSK	17.34
DC_12A_n78A	30	10	636332	1@1	DFT_QPSK	17.26
DC_12A_n78A	30	10	636332	1@22	DFT_QPSK	17.26
DC_12A_n78A	30	10	636332	24@0	DFT_16QAM	15.34
DC_12A_n78A	30	10	636332	12@6	DFT_16QAM	16.33
DC_12A_n78A	30	10	636332	1@1	DFT_16QAM	16.4
DC_12A_n78A	30	10	636332	1@22	DFT_16QAM	16.37
DC_12A_n78A	30	10	636332	24@0	DFT_64QAM	14.84
DC_12A_n78A	30	10	636332	12@6	DFT_64QAM	14.91
DC_12A_n78A	30	10	636332	1@1	DFT_64QAM	14.75
DC_12A_n78A	30	10	636332	1@22	DFT_64QAM	14.74
DC_12A_n78A	30	10	636332	24@0	DFT_256QAM	12.85
DC_12A_n78A	30	10	636332	12@6	DFT_256QAM	12.87
DC_12A_n78A	30	10	636332	1@1	DFT_256QAM	13.07
DC_12A_n78A	30	10	636332	1@22	DFT_256QAM	13.05
DC_12A_n78A	30	10	636332	24@0	CP_QPSK	14.37
DC_12A_n78A	30	10	636332	12@6	CP_QPSK	15.86
DC_12A_n78A	30	10	636332	1@1	CP_QPSK	15.72
DC_12A_n78A	30	10	636332	1@22	CP_QPSK	15.77
DC_12A_n78A	30	15	630500	36@0	DFT_BPSK	16.83
DC_12A_n78A	30	15	630500	18@9	DFT_BPSK	17.31
DC_12A_n78A	30	15	630500	1@1	DFT_BPSK	17.27
DC_12A_n78A	30	15	630500	1@36	DFT_BPSK	17.18
DC_12A_n78A	30	15	630500	36@0	DFT_QPSK	16.32
DC_12A_n78A	30	15	630500	18@9	DFT_QPSK	17.37
DC_12A_n78A	30	15	630500	1@1	DFT_QPSK	17.24
DC_12A_n78A	30	15	630500	1@36	DFT_QPSK	17.17
DC_12A_n78A	30	15	630500	36@0	DFT_16QAM	15.29
DC_12A_n78A	30	15	630500	18@9	DFT_16QAM	16.34
DC_12A_n78A	30	15	630500	1@1	DFT_16QAM	16.4



DC_12A_n78A	30	15	630500	1@36	DFT_16QAM	16.25
DC_12A_n78A	30	15	630500	36@0	DFT_64QAM	14.83
DC_12A_n78A	30	15	630500	18@9	DFT_64QAM	14.86
DC_12A_n78A	30	15	630500	1@1	DFT_64QAM	14.73
DC_12A_n78A	30	15	630500	1@36	DFT_64QAM	14.64
DC_12A_n78A	30	15	630500	36@0	DFT_256QAM	12.83
DC_12A_n78A	30	15	630500	18@9	DFT_256QAM	12.8
DC_12A_n78A	30	15	630500	1@1	DFT_256QAM	13.03
DC_12A_n78A	30	15	630500	1@36	DFT_256QAM	12.93
DC_12A_n78A	30	15	630500	38@0	CP_QPSK	14.32
DC_12A_n78A	30	15	630500	19@9	CP_QPSK	15.81
DC_12A_n78A	30	15	630500	1@1	CP_QPSK	15.78
DC_12A_n78A	30	15	630500	1@36	CP_QPSK	15.68
DC_12A_n78A	30	15	633334	36@0	DFT_BPSK	16.69
DC_12A_n78A	30	15	633334	18@9	DFT_BPSK	17.2
DC_12A_n78A	30	15	633334	1@1	DFT_BPSK	17.14
DC_12A_n78A	30	15	633334	1@36	DFT_BPSK	17.11
DC_12A_n78A	30	15	633334	36@0	DFT_QPSK	16.21
DC_12A_n78A	30	15	633334	18@9	DFT_QPSK	17.2
DC_12A_n78A	30	15	633334	1@1	DFT_QPSK	17.13
DC_12A_n78A	30	15	633334	1@36	DFT_QPSK	17.07
DC_12A_n78A	30	15	633334	36@0	DFT_16QAM	15.18
DC_12A_n78A	30	15	633334	18@9	DFT_16QAM	16.22
DC_12A_n78A	30	15	633334	1@1	DFT_16QAM	16.22
DC_12A_n78A	30	15	633334	1@36	DFT_16QAM	16.19
DC_12A_n78A	30	15	633334	36@0	DFT_64QAM	14.72
DC_12A_n78A	30	15	633334	18@9	DFT_64QAM	14.76
DC_12A_n78A	30	15	633334	1@1	DFT_64QAM	14.61
DC_12A_n78A	30	15	633334	1@36	DFT_64QAM	14.59
DC_12A_n78A	30	15	633334	36@0	DFT_256QAM	12.76
DC_12A_n78A	30	15	633334	18@9	DFT_256QAM	12.69
DC_12A_n78A	30	15	633334	1@1	DFT_256QAM	12.91
DC_12A_n78A	30	15	633334	1@36	DFT_256QAM	12.87
DC_12A_n78A	30	15	633334	38@0	CP_QPSK	14.22
DC_12A_n78A	30	15	633334	19@9	CP_QPSK	15.68
DC_12A_n78A	30	15	633334	1@1	CP_QPSK	15.66
DC_12A_n78A	30	15	633334	1@36	CP_QPSK	15.63
DC_12A_n78A	30	15	636166	36@0	DFT_BPSK	16.85
DC_12A_n78A	30	15	636166	18@9	DFT_BPSK	17.34
DC_12A_n78A	30	15	636166	1@1	DFT_BPSK	17.29
DC_12A_n78A	30	15	636166	1@36	DFT_BPSK	17.3
DC_12A_n78A	30	15	636166	36@0	DFT_QPSK	16.34
DC_12A_n78A	30	15	636166	18@9	DFT_QPSK	17.32
DC_12A_n78A	30	15	636166	1@1	DFT_QPSK	17.28
DC_12A_n78A	30	15	636166	1@36	DFT_QPSK	17.24
DC_12A_n78A	30	15	636166	36@0	DFT_16QAM	15.32
DC_12A_n78A	30	15	636166	18@9	DFT_16QAM	16.34
DC_12A_n78A	30	15	636166	1@1	DFT_16QAM	16.41



DC_12A_n78A	30	15	636166	1@36	DFT_16QAM	16.38
DC_12A_n78A	30	15	636166	36@0	DFT_64QAM	14.83
DC_12A_n78A	30	15	636166	18@9	DFT_64QAM	14.88
DC_12A_n78A	30	15	636166	1@1	DFT_64QAM	14.81
DC_12A_n78A	30	15	636166	1@36	DFT_64QAM	14.79
DC_12A_n78A	30	15	636166	36@0	DFT_256QAM	12.85
DC_12A_n78A	30	15	636166	18@9	DFT_256QAM	12.83
DC_12A_n78A	30	15	636166	1@1	DFT_256QAM	13.03
DC_12A_n78A	30	15	636166	1@36	DFT_256QAM	13.03
DC_12A_n78A	30	15	636166	38@0	CP_QPSK	14.33
DC_12A_n78A	30	15	636166	19@9	CP_QPSK	15.83
DC_12A_n78A	30	15	636166	1@1	CP_QPSK	15.8
DC_12A_n78A	30	15	636166	1@36	CP_QPSK	15.78
DC_12A_n78A	30	20	630668	50@0	DFT_BPSK	16.84
DC_12A_n78A	30	20	630668	25@12	DFT_BPSK	17.38
DC_12A_n78A	30	20	630668	1@1	DFT_BPSK	17.26
DC_12A_n78A	30	20	630668	1@49	DFT_BPSK	17.16
DC_12A_n78A	30	20	630668	50@0	DFT_QPSK	16.35
DC_12A_n78A	30	20	630668	25@12	DFT_QPSK	17.38
DC_12A_n78A	30	20	630668	1@1	DFT_QPSK	17.2
DC_12A_n78A	30	20	630668	1@49	DFT_QPSK	17.14
DC_12A_n78A	30	20	630668	50@0	DFT_16QAM	15.31
DC_12A_n78A	30	20	630668	25@12	DFT_16QAM	16.38
DC_12A_n78A	30	20	630668	1@1	DFT_16QAM	16.4
DC_12A_n78A	30	20	630668	1@49	DFT_16QAM	16.29
DC_12A_n78A	30	20	630668	50@0	DFT_64QAM	14.85
DC_12A_n78A	30	20	630668	25@12	DFT_64QAM	14.82
DC_12A_n78A	30	20	630668	1@1	DFT_64QAM	14.72
DC_12A_n78A	30	20	630668	1@49	DFT_64QAM	14.65
DC_12A_n78A	30	20	630668	50@0	DFT_256QAM	12.83
DC_12A_n78A	30	20	630668	25@12	DFT_256QAM	12.82
DC_12A_n78A	30	20	630668	1@1	DFT_256QAM	13.04
DC_12A_n78A	30	20	630668	1@49	DFT_256QAM	12.94
DC_12A_n78A	30	20	630668	51@0	CP_QPSK	14.34
DC_12A_n78A	30	20	630668	25@12	CP_QPSK	15.87
DC_12A_n78A	30	20	630668	1@1	CP_QPSK	15.81
DC_12A_n78A	30	20	630668	1@49	CP_QPSK	15.74
DC_12A_n78A	30	20	633334	50@0	DFT_BPSK	16.69
DC_12A_n78A	30	20	633334	25@12	DFT_BPSK	17.26
DC_12A_n78A	30	20	633334	1@1	DFT_BPSK	17.14
DC_12A_n78A	30	20	633334	1@49	DFT_BPSK	17.01
DC_12A_n78A	30	20	633334	50@0	DFT_QPSK	16.19
DC_12A_n78A	30	20	633334	25@12	DFT_QPSK	17.23
DC_12A_n78A	30	20	633334	1@1	DFT_QPSK	17.09
DC_12A_n78A	30	20	633334	1@49	DFT_QPSK	16.99
DC_12A_n78A	30	20	633334	50@0	DFT_16QAM	15.14
DC_12A_n78A	30	20	633334	25@12	DFT_16QAM	16.27
DC_12A_n78A	30	20	633334	1@1	DFT_16QAM	16.23



DC_12A_n78A	30	20	633334	1@49	DFT_16QAM	16.12
DC_12A_n78A	30	20	633334	50@0	DFT_64QAM	14.7
DC_12A_n78A	30	20	633334	25@12	DFT_64QAM	14.76
DC_12A_n78A	30	20	633334	1@1	DFT_64QAM	14.61
DC_12A_n78A	30	20	633334	1@49	DFT_64QAM	14.48
DC_12A_n78A	30	20	633334	50@0	DFT_256QAM	12.7
DC_12A_n78A	30	20	633334	25@12	DFT_256QAM	12.72
DC_12A_n78A	30	20	633334	1@1	DFT_256QAM	12.94
DC_12A_n78A	30	20	633334	1@49	DFT_256QAM	12.81
DC_12A_n78A	30	20	633334	51@0	CP_QPSK	14.18
DC_12A_n78A	30	20	633334	25@12	CP_QPSK	15.73
DC_12A_n78A	30	20	633334	1@1	CP_QPSK	15.7
DC_12A_n78A	30	20	633334	1@49	CP_QPSK	15.51
DC_12A_n78A	30	20	636000	50@0	DFT_BPSK	16.81
DC_12A_n78A	30	20	636000	25@12	DFT_BPSK	17.33
DC_12A_n78A	30	20	636000	1@1	DFT_BPSK	17.21
DC_12A_n78A	30	20	636000	1@49	DFT_BPSK	17.21
DC_12A_n78A	30	20	636000	50@0	DFT_QPSK	16.29
DC_12A_n78A	30	20	636000	25@12	DFT_QPSK	17.37
DC_12A_n78A	30	20	636000	1@1	DFT_QPSK	17.17
DC_12A_n78A	30	20	636000	1@49	DFT_QPSK	17.19
DC_12A_n78A	30	20	636000	50@0	DFT_16QAM	15.26
DC_12A_n78A	30	20	636000	25@12	DFT_16QAM	16.36
DC_12A_n78A	30	20	636000	1@1	DFT_16QAM	16.18
DC_12A_n78A	30	20	636000	1@49	DFT_16QAM	16.19
DC_12A_n78A	30	20	636000	50@0	DFT_64QAM	14.78
DC_12A_n78A	30	20	636000	25@12	DFT_64QAM	14.86
DC_12A_n78A	30	20	636000	1@1	DFT_64QAM	14.72
DC_12A_n78A	30	20	636000	1@49	DFT_64QAM	14.72
DC_12A_n78A	30	20	636000	50@0	DFT_256QAM	12.77
DC_12A_n78A	30	20	636000	25@12	DFT_256QAM	12.86
DC_12A_n78A	30	20	636000	1@1	DFT_256QAM	13
DC_12A_n78A	30	20	636000	1@49	DFT_256QAM	13.05
DC_12A_n78A	30	20	636000	51@0	CP_QPSK	14.29
DC_12A_n78A	30	20	636000	25@12	CP_QPSK	15.81
DC_12A_n78A	30	20	636000	1@1	CP_QPSK	15.72
DC_12A_n78A	30	20	636000	1@49	CP_QPSK	15.77
DC_12A_n78A	30	40	631334	100@0	DFT_BPSK	16.46
DC_12A_n78A	30	40	631334	50@25	DFT_BPSK	16.99
DC_12A_n78A	30	40	631334	1@1	DFT_BPSK	16.73
DC_12A_n78A	30	40	631334	1@104	DFT_BPSK	16.58
DC_12A_n78A	30	40	631334	100@0	DFT_QPSK	15.94
DC_12A_n78A	30	40	631334	50@25	DFT_QPSK	16.98
DC_12A_n78A	30	40	631334	1@1	DFT_QPSK	16.7
DC_12A_n78A	30	40	631334	1@104	DFT_QPSK	16.52
DC_12A_n78A	30	40	631334	100@0	DFT_16QAM	14.97
DC_12A_n78A	30	40	631334	50@25	DFT_16QAM	15.97
DC_12A_n78A	30	40	631334	1@1	DFT_16QAM	15.84



DC_12A_n78A	30	40	631334	1@104	DFT_16QAM	15.7
DC_12A_n78A	30	40	631334	100@0	DFT_64QAM	14.43
DC_12A_n78A	30	40	631334	50@25	DFT_64QAM	14.5
DC_12A_n78A	30	40	631334	1@1	DFT_64QAM	14.28
DC_12A_n78A	30	40	631334	1@104	DFT_64QAM	14.04
DC_12A_n78A	30	40	631334	100@0	DFT_256QAM	12.45
DC_12A_n78A	30	40	631334	50@25	DFT_256QAM	12.47
DC_12A_n78A	30	40	631334	1@1	DFT_256QAM	12.58
DC_12A_n78A	30	40	631334	1@104	DFT_256QAM	12.35
DC_12A_n78A	30	40	631334	106@0	CP_QPSK	13.87
DC_12A_n78A	30	40	631334	53@26	CP_QPSK	15.48
DC_12A_n78A	30	40	631334	1@1	CP_QPSK	15.33
DC_12A_n78A	30	40	631334	1@104	CP_QPSK	15.11
DC_12A_n78A	30	40	633334	100@0	DFT_BPSK	16.4
DC_12A_n78A	30	40	633334	50@25	DFT_BPSK	16.94
DC_12A_n78A	30	40	633334	1@1	DFT_BPSK	16.62
DC_12A_n78A	30	40	633334	1@104	DFT_BPSK	16.59
DC_12A_n78A	30	40	633334	100@0	DFT_QPSK	15.93
DC_12A_n78A	30	40	633334	50@25	DFT_QPSK	16.98
DC_12A_n78A	30	40	633334	1@1	DFT_QPSK	16.59
DC_12A_n78A	30	40	633334	1@104	DFT_QPSK	16.54
DC_12A_n78A	30	40	633334	100@0	DFT_16QAM	14.92
DC_12A_n78A	30	40	633334	50@25	DFT_16QAM	15.96
DC_12A_n78A	30	40	633334	1@1	DFT_16QAM	15.71
DC_12A_n78A	30	40	633334	1@104	DFT_16QAM	15.67
DC_12A_n78A	30	40	633334	100@0	DFT_64QAM	14.39
DC_12A_n78A	30	40	633334	50@25	DFT_64QAM	14.46
DC_12A_n78A	30	40	633334	1@1	DFT_64QAM	14.14
DC_12A_n78A	30	40	633334	1@104	DFT_64QAM	14.07
DC_12A_n78A	30	40	633334	100@0	DFT_256QAM	12.41
DC_12A_n78A	30	40	633334	50@25	DFT_256QAM	12.46
DC_12A_n78A	30	40	633334	1@1	DFT_256QAM	12.48
DC_12A_n78A	30	40	633334	1@104	DFT_256QAM	12.46
DC_12A_n78A	30	40	633334	106@0	CP_QPSK	13.88
DC_12A_n78A	30	40	633334	53@26	CP_QPSK	15.5
DC_12A_n78A	30	40	633334	1@1	CP_QPSK	15.15
DC_12A_n78A	30	40	633334	1@104	CP_QPSK	15.21
DC_12A_n78A	30	40	635332	100@0	DFT_BPSK	16.45
DC_12A_n78A	30	40	635332	50@25	DFT_BPSK	17.05
DC_12A_n78A	30	40	635332	1@1	DFT_BPSK	16.6
DC_12A_n78A	30	40	635332	1@104	DFT_BPSK	16.62
DC_12A_n78A	30	40	635332	100@0	DFT_QPSK	15.97
DC_12A_n78A	30	40	635332	50@25	DFT_QPSK	17.08
DC_12A_n78A	30	40	635332	1@1	DFT_QPSK	16.58
DC_12A_n78A	30	40	635332	1@104	DFT_QPSK	16.61
DC_12A_n78A	30	40	635332	100@0	DFT_16QAM	14.94
DC_12A_n78A	30	40	635332	50@25	DFT_16QAM	16.08
DC_12A_n78A	30	40	635332	1@1	DFT_16QAM	15.74



DC_12A_n78A	30	40	635332	1@104	DFT_16QAM	15.72
DC_12A_n78A	30	40	635332	100@0	DFT_64QAM	14.45
DC_12A_n78A	30	40	635332	50@25	DFT_64QAM	14.57
DC_12A_n78A	30	40	635332	1@1	DFT_64QAM	14.09
DC_12A_n78A	30	40	635332	1@104	DFT_64QAM	14.11
DC_12A_n78A	30	40	635332	100@0	DFT_256QAM	12.46
DC_12A_n78A	30	40	635332	50@25	DFT_256QAM	12.52
DC_12A_n78A	30	40	635332	1@1	DFT_256QAM	12.43
DC_12A_n78A	30	40	635332	1@104	DFT_256QAM	12.4
DC_12A_n78A	30	40	635332	106@0	CP_QPSK	13.91
DC_12A_n78A	30	40	635332	53@26	CP_QPSK	15.52
DC_12A_n78A	30	40	635332	1@1	CP_QPSK	15.27
DC_12A_n78A	30	40	635332	1@104	CP_QPSK	15.26
DC_12A_n78A	30	50	631668	128@0	DFT_BPSK	16.49
DC_12A_n78A	30	50	631668	64@32	DFT_BPSK	17.03
DC_12A_n78A	30	50	631668	1@1	DFT_BPSK	16.93
DC_12A_n78A	30	50	631668	1@131	DFT_BPSK	16.71
DC_12A_n78A	30	50	631668	128@0	DFT_QPSK	15.96
DC_12A_n78A	30	50	631668	64@32	DFT_QPSK	17.05
DC_12A_n78A	30	50	631668	1@1	DFT_QPSK	16.95
DC_12A_n78A	30	50	631668	1@131	DFT_QPSK	16.69
DC_12A_n78A	30	50	631668	128@0	DFT_16QAM	15
DC_12A_n78A	30	50	631668	64@32	DFT_16QAM	16.03
DC_12A_n78A	30	50	631668	1@1	DFT_16QAM	16.07
DC_12A_n78A	30	50	631668	1@131	DFT_16QAM	15.8
DC_12A_n78A	30	50	631668	128@0	DFT_64QAM	14.5
DC_12A_n78A	30	50	631668	64@32	DFT_64QAM	14.54
DC_12A_n78A	30	50	631668	1@1	DFT_64QAM	14.47
DC_12A_n78A	30	50	631668	1@131	DFT_64QAM	14.26
DC_12A_n78A	30	50	631668	128@0	DFT_256QAM	12.48
DC_12A_n78A	30	50	631668	64@32	DFT_256QAM	12.54
DC_12A_n78A	30	50	631668	1@1	DFT_256QAM	12.75
DC_12A_n78A	30	50	631668	1@131	DFT_256QAM	12.5
DC_12A_n78A	30	50	631668	133@0	CP_QPSK	13.97
DC_12A_n78A	30	50	631668	67@33	CP_QPSK	15.5
DC_12A_n78A	30	50	631668	1@1	CP_QPSK	15.44
DC_12A_n78A	30	50	631668	1@131	CP_QPSK	15.21
DC_12A_n78A	30	50	633334	128@0	DFT_BPSK	16.48
DC_12A_n78A	30	50	633334	64@32	DFT_BPSK	17.04
DC_12A_n78A	30	50	633334	1@1	DFT_BPSK	16.88
DC_12A_n78A	30	50	633334	1@131	DFT_BPSK	16.87
DC_12A_n78A	30	50	633334	128@0	DFT_QPSK	15.98
DC_12A_n78A	30	50	633334	64@32	DFT_QPSK	17.06
DC_12A_n78A	30	50	633334	1@1	DFT_QPSK	16.83
DC_12A_n78A	30	50	633334	1@131	DFT_QPSK	16.83
DC_12A_n78A	30	50	633334	128@0	DFT_16QAM	14.99
DC_12A_n78A	30	50	633334	64@32	DFT_16QAM	16.06
DC_12A_n78A	30	50	633334	1@1	DFT_16QAM	15.89



DC_12A_n78A	30	50	633334	1@131	DFT_16QAM	15.92
DC_12A_n78A	30	50	633334	128@0	DFT_64QAM	14.49
DC_12A_n78A	30	50	633334	64@32	DFT_64QAM	14.56
DC_12A_n78A	30	50	633334	1@1	DFT_64QAM	14.42
DC_12A_n78A	30	50	633334	1@131	DFT_64QAM	14.42
DC_12A_n78A	30	50	633334	128@0	DFT_256QAM	12.52
DC_12A_n78A	30	50	633334	64@32	DFT_256QAM	12.54
DC_12A_n78A	30	50	633334	1@1	DFT_256QAM	12.68
DC_12A_n78A	30	50	633334	1@131	DFT_256QAM	12.65
DC_12A_n78A	30	50	633334	133@0	CP_QPSK	13.98
DC_12A_n78A	30	50	633334	67@33	CP_QPSK	15.5
DC_12A_n78A	30	50	633334	1@1	CP_QPSK	15.43
DC_12A_n78A	30	50	633334	1@131	CP_QPSK	15.35
DC_12A_n78A	30	50	635000	128@0	DFT_BPSK	16.48
DC_12A_n78A	30	50	635000	64@32	DFT_BPSK	17.09
DC_12A_n78A	30	50	635000	1@1	DFT_BPSK	16.82
DC_12A_n78A	30	50	635000	1@131	DFT_BPSK	16.88
DC_12A_n78A	30	50	635000	128@0	DFT_QPSK	15.99
DC_12A_n78A	30	50	635000	64@32	DFT_QPSK	17.09
DC_12A_n78A	30	50	635000	1@1	DFT_QPSK	16.8
DC_12A_n78A	30	50	635000	1@131	DFT_QPSK	16.83
DC_12A_n78A	30	50	635000	128@0	DFT_16QAM	15.02
DC_12A_n78A	30	50	635000	64@32	DFT_16QAM	16.11
DC_12A_n78A	30	50	635000	1@1	DFT_16QAM	15.93
DC_12A_n78A	30	50	635000	1@131	DFT_16QAM	15.96
DC_12A_n78A	30	50	635000	128@0	DFT_64QAM	14.51
DC_12A_n78A	30	50	635000	64@32	DFT_64QAM	14.58
DC_12A_n78A	30	50	635000	1@1	DFT_64QAM	14.33
DC_12A_n78A	30	50	635000	1@131	DFT_64QAM	14.37
DC_12A_n78A	30	50	635000	128@0	DFT_256QAM	12.48
DC_12A_n78A	30	50	635000	64@32	DFT_256QAM	12.6
DC_12A_n78A	30	50	635000	1@1	DFT_256QAM	12.61
DC_12A_n78A	30	50	635000	1@131	DFT_256QAM	12.68
DC_12A_n78A	30	50	635000	133@0	CP_QPSK	13.99
DC_12A_n78A	30	50	635000	67@33	CP_QPSK	15.54
DC_12A_n78A	30	50	635000	1@1	CP_QPSK	15.32
DC_12A_n78A	30	50	635000	1@131	CP_QPSK	15.37
DC_12A_n78A	30	60	632000	162@0	DFT_BPSK	16.41
DC_12A_n78A	30	60	632000	81@40	DFT_BPSK	16.98
DC_12A_n78A	30	60	632000	1@1	DFT_BPSK	16.91
DC_12A_n78A	30	60	632000	1@160	DFT_BPSK	16.72
DC_12A_n78A	30	60	632000	162@0	DFT_QPSK	15.89
DC_12A_n78A	30	60	632000	81@40	DFT_QPSK	16.99
DC_12A_n78A	30	60	632000	1@1	DFT_QPSK	16.9
DC_12A_n78A	30	60	632000	1@160	DFT_QPSK	16.66
DC_12A_n78A	30	60	632000	162@0	DFT_16QAM	14.9
DC_12A_n78A	30	60	632000	81@40	DFT_16QAM	16.03
DC_12A_n78A	30	60	632000	1@1	DFT_16QAM	16.02



DC_12A_n78A	30	60	632000	1@160	DFT_16QAM	15.74
DC_12A_n78A	30	60	632000	162@0	DFT_64QAM	14.43
DC_12A_n78A	30	60	632000	81@40	DFT_64QAM	14.49
DC_12A_n78A	30	60	632000	1@1	DFT_64QAM	14.4
DC_12A_n78A	30	60	632000	1@160	DFT_64QAM	14.18
DC_12A_n78A	30	60	632000	162@0	DFT_256QAM	12.42
DC_12A_n78A	30	60	632000	81@40	DFT_256QAM	12.49
DC_12A_n78A	30	60	632000	1@1	DFT_256QAM	12.72
DC_12A_n78A	30	60	632000	1@160	DFT_256QAM	12.42
DC_12A_n78A	30	60	632000	162@0	CP_QPSK	13.87
DC_12A_n78A	30	60	632000	81@40	CP_QPSK	15.48
DC_12A_n78A	30	60	632000	1@1	CP_QPSK	15.37
DC_12A_n78A	30	60	632000	1@160	CP_QPSK	15.19
DC_12A_n78A	30	60	633334	162@0	DFT_BPSK	16.44
DC_12A_n78A	30	60	633334	81@40	DFT_BPSK	17.02
DC_12A_n78A	30	60	633334	1@1	DFT_BPSK	16.81
DC_12A_n78A	30	60	633334	1@160	DFT_BPSK	16.79
DC_12A_n78A	30	60	633334	162@0	DFT_QPSK	15.91
DC_12A_n78A	30	60	633334	81@40	DFT_QPSK	17.04
DC_12A_n78A	30	60	633334	1@1	DFT_QPSK	16.75
DC_12A_n78A	30	60	633334	1@160	DFT_QPSK	16.71
DC_12A_n78A	30	60	633334	162@0	DFT_16QAM	14.92
DC_12A_n78A	30	60	633334	81@40	DFT_16QAM	16.05
DC_12A_n78A	30	60	633334	1@1	DFT_16QAM	15.88
DC_12A_n78A	30	60	633334	1@160	DFT_16QAM	15.84
DC_12A_n78A	30	60	633334	162@0	DFT_64QAM	14.43
DC_12A_n78A	30	60	633334	81@40	DFT_64QAM	14.51
DC_12A_n78A	30	60	633334	1@1	DFT_64QAM	14.31
DC_12A_n78A	30	60	633334	1@160	DFT_64QAM	14.27
DC_12A_n78A	30	60	633334	162@0	DFT_256QAM	12.43
DC_12A_n78A	30	60	633334	81@40	DFT_256QAM	12.5
DC_12A_n78A	30	60	633334	1@1	DFT_256QAM	12.57
DC_12A_n78A	30	60	633334	1@160	DFT_256QAM	12.56
DC_12A_n78A	30	60	633334	162@0	CP_QPSK	13.91
DC_12A_n78A	30	60	633334	81@40	CP_QPSK	15.48
DC_12A_n78A	30	60	633334	1@1	CP_QPSK	15.44
DC_12A_n78A	30	60	633334	1@160	CP_QPSK	15.38
DC_12A_n78A	30	60	634666	162@0	DFT_BPSK	16.44
DC_12A_n78A	30	60	634666	81@40	DFT_BPSK	17.08
DC_12A_n78A	30	60	634666	1@1	DFT_BPSK	16.78
DC_12A_n78A	30	60	634666	1@160	DFT_BPSK	16.79
DC_12A_n78A	30	60	634666	162@0	DFT_QPSK	15.96
DC_12A_n78A	30	60	634666	81@40	DFT_QPSK	17.1
DC_12A_n78A	30	60	634666	1@1	DFT_QPSK	16.76
DC_12A_n78A	30	60	634666	1@160	DFT_QPSK	16.77
DC_12A_n78A	30	60	634666	162@0	DFT_16QAM	14.98
DC_12A_n78A	30	60	634666	81@40	DFT_16QAM	16.1
DC_12A_n78A	30	60	634666	1@1	DFT_16QAM	15.92



DC_12A_n78A	30	60	634666	1@160	DFT_16QAM	15.86
DC_12A_n78A	30	60	634666	162@0	DFT_64QAM	14.49
DC_12A_n78A	30	60	634666	81@40	DFT_64QAM	14.57
DC_12A_n78A	30	60	634666	1@1	DFT_64QAM	14.34
DC_12A_n78A	30	60	634666	1@160	DFT_64QAM	14.31
DC_12A_n78A	30	60	634666	162@0	DFT_256QAM	12.48
DC_12A_n78A	30	60	634666	81@40	DFT_256QAM	12.58
DC_12A_n78A	30	60	634666	1@1	DFT_256QAM	12.69
DC_12A_n78A	30	60	634666	1@160	DFT_256QAM	12.58
DC_12A_n78A	30	60	634666	162@0	CP_QPSK	13.98
DC_12A_n78A	30	60	634666	81@40	CP_QPSK	15.58
DC_12A_n78A	30	60	634666	1@1	CP_QPSK	15.28
DC_12A_n78A	30	60	634666	1@160	CP_QPSK	15.32
DC_12A_n78A	30	70	632334	180@0	DFT_BPSK	16.62
DC_12A_n78A	30	70	632334	90@45	DFT_BPSK	17.24
DC_12A_n78A	30	70	632334	1@1	DFT_BPSK	17
DC_12A_n78A	30	70	632334	1@187	DFT_BPSK	16.66
DC_12A_n78A	30	70	632334	180@0	DFT_QPSK	16.12
DC_12A_n78A	30	70	632334	90@45	DFT_QPSK	17.27
DC_12A_n78A	30	70	632334	1@1	DFT_QPSK	16.96
DC_12A_n78A	30	70	632334	1@187	DFT_QPSK	16.68
DC_12A_n78A	30	70	632334	180@0	DFT_16QAM	15.13
DC_12A_n78A	30	70	632334	90@45	DFT_16QAM	16.19
DC_12A_n78A	30	70	632334	1@1	DFT_16QAM	16
DC_12A_n78A	30	70	632334	1@187	DFT_16QAM	15.74
DC_12A_n78A	30	70	632334	180@0	DFT_64QAM	14.68
DC_12A_n78A	30	70	632334	90@45	DFT_64QAM	14.74
DC_12A_n78A	30	70	632334	1@1	DFT_64QAM	14.55
DC_12A_n78A	30	70	632334	1@187	DFT_64QAM	14.29
DC_12A_n78A	30	70	632334	180@0	DFT_256QAM	12.64
DC_12A_n78A	30	70	632334	90@45	DFT_256QAM	12.73
DC_12A_n78A	30	70	632334	1@1	DFT_256QAM	12.75
DC_12A_n78A	30	70	632334	1@187	DFT_256QAM	12.5
DC_12A_n78A	30	70	632334	189@0	CP_QPSK	14.13
DC_12A_n78A	30	70	632334	95@47	CP_QPSK	15.69
DC_12A_n78A	30	70	632334	1@1	CP_QPSK	15.51
DC_12A_n78A	30	70	632334	1@187	CP_QPSK	15.18
DC_12A_n78A	30	70	633334	180@0	DFT_BPSK	16.62
DC_12A_n78A	30	70	633334	90@45	DFT_BPSK	17.16
DC_12A_n78A	30	70	633334	1@1	DFT_BPSK	16.88
DC_12A_n78A	30	70	633334	1@187	DFT_BPSK	16.65
DC_12A_n78A	30	70	633334	180@0	DFT_QPSK	16.15
DC_12A_n78A	30	70	633334	90@45	DFT_QPSK	17.21
DC_12A_n78A	30	70	633334	1@1	DFT_QPSK	16.91
DC_12A_n78A	30	70	633334	1@187	DFT_QPSK	16.66
DC_12A_n78A	30	70	633334	180@0	DFT_16QAM	15.13
DC_12A_n78A	30	70	633334	90@45	DFT_16QAM	16.16
DC_12A_n78A	30	70	633334	1@1	DFT_16QAM	15.98



DC_12A_n78A	30	70	633334	1@187	DFT_16QAM	15.72
DC_12A_n78A	30	70	633334	180@0	DFT_64QAM	14.7
DC_12A_n78A	30	70	633334	90@45	DFT_64QAM	14.71
DC_12A_n78A	30	70	633334	1@1	DFT_64QAM	14.42
DC_12A_n78A	30	70	633334	1@187	DFT_64QAM	14.22
DC_12A_n78A	30	70	633334	180@0	DFT_256QAM	12.63
DC_12A_n78A	30	70	633334	90@45	DFT_256QAM	12.7
DC_12A_n78A	30	70	633334	1@1	DFT_256QAM	12.75
DC_12A_n78A	30	70	633334	1@187	DFT_256QAM	12.52
DC_12A_n78A	30	70	633334	189@0	CP_QPSK	14.16
DC_12A_n78A	30	70	633334	95@47	CP_QPSK	15.68
DC_12A_n78A	30	70	633334	1@1	CP_QPSK	15.43
DC_12A_n78A	30	70	633334	1@187	CP_QPSK	15.23
DC_12A_n78A	30	70	634332	180@0	DFT_BPSK	16.64
DC_12A_n78A	30	70	634332	90@45	DFT_BPSK	17.2
DC_12A_n78A	30	70	634332	1@1	DFT_BPSK	17.02
DC_12A_n78A	30	70	634332	1@187	DFT_BPSK	16.69
DC_12A_n78A	30	70	634332	180@0	DFT_QPSK	16.11
DC_12A_n78A	30	70	634332	90@45	DFT_QPSK	17.21
DC_12A_n78A	30	70	634332	1@1	DFT_QPSK	17.02
DC_12A_n78A	30	70	634332	1@187	DFT_QPSK	16.69
DC_12A_n78A	30	70	634332	180@0	DFT_16QAM	15.13
DC_12A_n78A	30	70	634332	90@45	DFT_16QAM	16.18
DC_12A_n78A	30	70	634332	1@1	DFT_16QAM	16.06
DC_12A_n78A	30	70	634332	1@187	DFT_16QAM	15.7
DC_12A_n78A	30	70	634332	180@0	DFT_64QAM	14.68
DC_12A_n78A	30	70	634332	90@45	DFT_64QAM	14.71
DC_12A_n78A	30	70	634332	1@1	DFT_64QAM	14.57
DC_12A_n78A	30	70	634332	1@187	DFT_64QAM	14.24
DC_12A_n78A	30	70	634332	180@0	DFT_256QAM	12.66
DC_12A_n78A	30	70	634332	90@45	DFT_256QAM	12.69
DC_12A_n78A	30	70	634332	1@1	DFT_256QAM	12.76
DC_12A_n78A	30	70	634332	1@187	DFT_256QAM	12.4
DC_12A_n78A	30	70	634332	189@0	CP_QPSK	14.12
DC_12A_n78A	30	70	634332	95@47	CP_QPSK	15.62
DC_12A_n78A	30	70	634332	1@1	CP_QPSK	15.55
DC_12A_n78A	30	70	634332	1@187	CP_QPSK	15.29
DC_12A_n78A	30	80	632668	216@0	DFT_BPSK	16.63
DC_12A_n78A	30	80	632668	108@54	DFT_BPSK	17.23
DC_12A_n78A	30	80	632668	1@1	DFT_BPSK	16.95
DC_12A_n78A	30	80	632668	1@215	DFT_BPSK	16.59
DC_12A_n78A	30	80	632668	216@0	DFT_QPSK	16.13
DC_12A_n78A	30	80	632668	108@54	DFT_QPSK	17.24
DC_12A_n78A	30	80	632668	1@1	DFT_QPSK	16.96
DC_12A_n78A	30	80	632668	1@215	DFT_QPSK	16.61
DC_12A_n78A	30	80	632668	216@0	DFT_16QAM	15.13
DC_12A_n78A	30	80	632668	108@54	DFT_16QAM	16.23
DC_12A_n78A	30	80	632668	1@1	DFT_16QAM	16.02



DC_12A_n78A	30	80	632668	1@215	DFT_16QAM	15.66
DC_12A_n78A	30	80	632668	216@0	DFT_64QAM	14.68
DC_12A_n78A	30	80	632668	108@54	DFT_64QAM	14.73
DC_12A_n78A	30	80	632668	1@1	DFT_64QAM	14.51
DC_12A_n78A	30	80	632668	1@215	DFT_64QAM	14.19
DC_12A_n78A	30	80	632668	216@0	DFT_256QAM	12.66
DC_12A_n78A	30	80	632668	108@54	DFT_256QAM	12.69
DC_12A_n78A	30	80	632668	1@1	DFT_256QAM	12.68
DC_12A_n78A	30	80	632668	1@215	DFT_256QAM	12.45
DC_12A_n78A	30	80	632668	217@0	CP_QPSK	14.17
DC_12A_n78A	30	80	632668	109@54	CP_QPSK	15.69
DC_12A_n78A	30	80	632668	1@1	CP_QPSK	15.45
DC_12A_n78A	30	80	632668	1@215	CP_QPSK	15.1
DC_12A_n78A	30	80	633334	216@0	DFT_BPSK	16.59
DC_12A_n78A	30	80	633334	108@54	DFT_BPSK	17.21
DC_12A_n78A	30	80	633334	1@1	DFT_BPSK	16.86
DC_12A_n78A	30	80	633334	1@215	DFT_BPSK	16.56
DC_12A_n78A	30	80	633334	216@0	DFT_QPSK	16.09
DC_12A_n78A	30	80	633334	108@54	DFT_QPSK	17.21
DC_12A_n78A	30	80	633334	1@1	DFT_QPSK	16.86
DC_12A_n78A	30	80	633334	1@215	DFT_QPSK	16.56
DC_12A_n78A	30	80	633334	216@0	DFT_16QAM	15.06
DC_12A_n78A	30	80	633334	108@54	DFT_16QAM	16.23
DC_12A_n78A	30	80	633334	1@1	DFT_16QAM	15.89
DC_12A_n78A	30	80	633334	1@215	DFT_16QAM	15.59
DC_12A_n78A	30	80	633334	216@0	DFT_64QAM	14.65
DC_12A_n78A	30	80	633334	108@54	DFT_64QAM	14.69
DC_12A_n78A	30	80	633334	1@1	DFT_64QAM	14.47
DC_12A_n78A	30	80	633334	1@215	DFT_64QAM	14.11
DC_12A_n78A	30	80	633334	216@0	DFT_256QAM	12.62
DC_12A_n78A	30	80	633334	108@54	DFT_256QAM	12.69
DC_12A_n78A	30	80	633334	1@1	DFT_256QAM	12.7
DC_12A_n78A	30	80	633334	1@215	DFT_256QAM	12.3
DC_12A_n78A	30	80	633334	217@0	CP_QPSK	14.12
DC_12A_n78A	30	80	633334	109@54	CP_QPSK	15.67
DC_12A_n78A	30	80	633334	1@1	CP_QPSK	15.3
DC_12A_n78A	30	80	633334	1@215	CP_QPSK	15
DC_12A_n78A	30	80	634000	216@0	DFT_BPSK	16.56
DC_12A_n78A	30	80	634000	108@54	DFT_BPSK	17.17
DC_12A_n78A	30	80	634000	1@1	DFT_BPSK	16.89
DC_12A_n78A	30	80	634000	1@215	DFT_BPSK	16.58
DC_12A_n78A	30	80	634000	216@0	DFT_QPSK	16.06
DC_12A_n78A	30	80	634000	108@54	DFT_QPSK	17.18
DC_12A_n78A	30	80	634000	1@1	DFT_QPSK	16.88
DC_12A_n78A	30	80	634000	1@215	DFT_QPSK	16.57
DC_12A_n78A	30	80	634000	216@0	DFT_16QAM	15.05
DC_12A_n78A	30	80	634000	108@54	DFT_16QAM	16.19
DC_12A_n78A	30	80	634000	1@1	DFT_16QAM	15.93



DC_12A_n78A	30	80	634000	1@215	DFT_16QAM	15.63
DC_12A_n78A	30	80	634000	216@0	DFT_64QAM	14.61
DC_12A_n78A	30	80	634000	108@54	DFT_64QAM	14.65
DC_12A_n78A	30	80	634000	1@1	DFT_64QAM	14.5
DC_12A_n78A	30	80	634000	1@215	DFT_64QAM	14.15
DC_12A_n78A	30	80	634000	216@0	DFT_256QAM	12.59
DC_12A_n78A	30	80	634000	108@54	DFT_256QAM	12.66
DC_12A_n78A	30	80	634000	1@1	DFT_256QAM	12.74
DC_12A_n78A	30	80	634000	1@215	DFT_256QAM	12.35
DC_12A_n78A	30	80	634000	217@0	CP_QPSK	14.1
DC_12A_n78A	30	80	634000	109@54	CP_QPSK	15.6
DC_12A_n78A	30	80	634000	1@1	CP_QPSK	15.41
DC_12A_n78A	30	80	634000	1@215	CP_QPSK	15.01
DC_12A_n78A	30	90	633000	243@0	DFT_BPSK	16.55
DC_12A_n78A	30	90	633000	120@60	DFT_BPSK	17.16
DC_12A_n78A	30	90	633000	1@1	DFT_BPSK	16.8
DC_12A_n78A	30	90	633000	1@243	DFT_BPSK	16.41
DC_12A_n78A	30	90	633000	243@0	DFT_QPSK	16.02
DC_12A_n78A	30	90	633000	120@60	DFT_QPSK	17.18
DC_12A_n78A	30	90	633000	1@1	DFT_QPSK	16.77
DC_12A_n78A	30	90	633000	1@243	DFT_QPSK	16.4
DC_12A_n78A	30	90	633000	243@0	DFT_16QAM	15.05
DC_12A_n78A	30	90	633000	120@60	DFT_16QAM	16.17
DC_12A_n78A	30	90	633000	1@1	DFT_16QAM	15.89
DC_12A_n78A	30	90	633000	1@243	DFT_16QAM	15.47
DC_12A_n78A	30	90	633000	243@0	DFT_64QAM	14.58
DC_12A_n78A	30	90	633000	120@60	DFT_64QAM	14.66
DC_12A_n78A	30	90	633000	1@1	DFT_64QAM	14.39
DC_12A_n78A	30	90	633000	1@243	DFT_64QAM	14.03
DC_12A_n78A	30	90	633000	243@0	DFT_256QAM	12.56
DC_12A_n78A	30	90	633000	120@60	DFT_256QAM	12.64
DC_12A_n78A	30	90	633000	1@1	DFT_256QAM	12.53
DC_12A_n78A	30	90	633000	1@243	DFT_256QAM	12.27
DC_12A_n78A	30	90	633000	245@0	CP_QPSK	14.04
DC_12A_n78A	30	90	633000	123@61	CP_QPSK	15.63
DC_12A_n78A	30	90	633000	1@1	CP_QPSK	15.26
DC_12A_n78A	30	90	633000	1@243	CP_QPSK	14.89
DC_12A_n78A	30	90	633334	243@0	DFT_BPSK	16.56
DC_12A_n78A	30	90	633334	120@60	DFT_BPSK	17.19
DC_12A_n78A	30	90	633334	1@1	DFT_BPSK	16.77
DC_12A_n78A	30	90	633334	1@243	DFT_BPSK	16.46
DC_12A_n78A	30	90	633334	243@0	DFT_QPSK	16.03
DC_12A_n78A	30	90	633334	120@60	DFT_QPSK	17.19
DC_12A_n78A	30	90	633334	1@1	DFT_QPSK	16.73
DC_12A_n78A	30	90	633334	1@243	DFT_QPSK	16.44
DC_12A_n78A	30	90	633334	243@0	DFT_16QAM	15.05
DC_12A_n78A	30	90	633334	120@60	DFT_16QAM	16.17
DC_12A_n78A	30	90	633334	1@1	DFT_16QAM	15.85



DC_12A_n78A	30	90	633334	1@243	DFT_16QAM	15.54
DC_12A_n78A	30	90	633334	243@0	DFT_64QAM	14.62
DC_12A_n78A	30	90	633334	120@60	DFT_64QAM	14.68
DC_12A_n78A	30	90	633334	1@1	DFT_64QAM	14.39
DC_12A_n78A	30	90	633334	1@243	DFT_64QAM	14.06
DC_12A_n78A	30	90	633334	243@0	DFT_256QAM	12.59
DC_12A_n78A	30	90	633334	120@60	DFT_256QAM	12.71
DC_12A_n78A	30	90	633334	1@1	DFT_256QAM	12.61
DC_12A_n78A	30	90	633334	1@243	DFT_256QAM	12.3
DC_12A_n78A	30	90	633334	245@0	CP_QPSK	14.08
DC_12A_n78A	30	90	633334	123@61	CP_QPSK	15.66
DC_12A_n78A	30	90	633334	1@1	CP_QPSK	15.25
DC_12A_n78A	30	90	633334	1@243	CP_QPSK	14.94
DC_12A_n78A	30	90	633666	243@0	DFT_BPSK	16.6
DC_12A_n78A	30	90	633666	120@60	DFT_BPSK	17.18
DC_12A_n78A	30	90	633666	1@1	DFT_BPSK	16.81
DC_12A_n78A	30	90	633666	1@243	DFT_BPSK	16.48
DC_12A_n78A	30	90	633666	243@0	DFT_QPSK	16.09
DC_12A_n78A	30	90	633666	120@60	DFT_QPSK	17.19
DC_12A_n78A	30	90	633666	1@1	DFT_QPSK	16.82
DC_12A_n78A	30	90	633666	1@243	DFT_QPSK	16.46
DC_12A_n78A	30	90	633666	243@0	DFT_16QAM	15.08
DC_12A_n78A	30	90	633666	120@60	DFT_16QAM	16.17
DC_12A_n78A	30	90	633666	1@1	DFT_16QAM	15.9
DC_12A_n78A	30	90	633666	1@243	DFT_16QAM	15.57
DC_12A_n78A	30	90	633666	243@0	DFT_64QAM	14.67
DC_12A_n78A	30	90	633666	120@60	DFT_64QAM	14.71
DC_12A_n78A	30	90	633666	1@1	DFT_64QAM	14.37
DC_12A_n78A	30	90	633666	1@243	DFT_64QAM	14.08
DC_12A_n78A	30	90	633666	243@0	DFT_256QAM	12.59
DC_12A_n78A	30	90	633666	120@60	DFT_256QAM	12.68
DC_12A_n78A	30	90	633666	1@1	DFT_256QAM	12.68
DC_12A_n78A	30	90	633666	1@243	DFT_256QAM	12.34
DC_12A_n78A	30	90	633666	245@0	CP_QPSK	14.12
DC_12A_n78A	30	90	633666	123@61	CP_QPSK	15.64
DC_12A_n78A	30	90	633666	1@1	CP_QPSK	15.21
DC_12A_n78A	30	90	633666	1@243	CP_QPSK	15.06
DC_12A_n78A	30	100	633334	270@0	DFT_BPSK	16.5
DC_12A_n78A	30	100	633334	135@67	DFT_BPSK	17.17
DC_12A_n78A	30	100	633334	1@1	DFT_BPSK	16.74
DC_12A_n78A	30	100	633334	1@271	DFT_BPSK	16.35
DC_12A_n78A	30	100	633334	270@0	DFT_QPSK	15.99
DC_12A_n78A	30	100	633334	135@67	DFT_QPSK	17.19
DC_12A_n78A	30	100	633334	1@1	DFT_QPSK	16.72
DC_12A_n78A	30	100	633334	1@271	DFT_QPSK	16.3
DC_12A_n78A	30	100	633334	270@0	DFT_16QAM	15
DC_12A_n78A	30	100	633334	135@67	DFT_16QAM	16.21
DC_12A_n78A	30	100	633334	1@1	DFT_16QAM	15.76



DC_12A_n78A	30	100	633334	1@271	DFT_16QAM	15.34
DC_12A_n78A	30	100	633334	270@0	DFT_64QAM	14.53
DC_12A_n78A	30	100	633334	135@67	DFT_64QAM	14.71
DC_12A_n78A	30	100	633334	1@1	DFT_64QAM	14.31
DC_12A_n78A	30	100	633334	1@271	DFT_64QAM	14.02
DC_12A_n78A	30	100	633334	270@0	DFT_256QAM	12.53
DC_12A_n78A	30	100	633334	135@67	DFT_256QAM	12.67
DC_12A_n78A	30	100	633334	1@1	DFT_256QAM	12.46
DC_12A_n78A	30	100	633334	1@271	DFT_256QAM	12.04
DC_12A_n78A	30	100	633334	273@0	CP_QPSK	14.05
DC_12A_n78A	30	100	633334	137@68	CP_QPSK	15.64
DC_12A_n78A	30	100	633334	1@1	CP_QPSK	15.25
DC_12A_n78A	30	100	633334	1@271	CP_QPSK	14.81

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
DC_12A_n78A	30	10	647000	24@0	DFT_BPSK	17.14
DC_12A_n78A	30	10	647000	12@6	DFT_BPSK	17.63
DC_12A_n78A	30	10	647000	1@1	DFT_BPSK	17.51
DC_12A_n78A	30	10	647000	1@22	DFT_BPSK	17.58
DC_12A_n78A	30	10	647000	24@0	DFT_QPSK	16.6
DC_12A_n78A	30	10	647000	12@6	DFT_QPSK	17.62
DC_12A_n78A	30	10	647000	1@1	DFT_QPSK	17.48
DC_12A_n78A	30	10	647000	1@22	DFT_QPSK	17.52
DC_12A_n78A	30	10	647000	24@0	DFT_16QAM	15.67
DC_12A_n78A	30	10	647000	12@6	DFT_16QAM	16.66
DC_12A_n78A	30	10	647000	1@1	DFT_16QAM	16.61
DC_12A_n78A	30	10	647000	1@22	DFT_16QAM	16.69
DC_12A_n78A	30	10	647000	24@0	DFT_64QAM	15.1
DC_12A_n78A	30	10	647000	12@6	DFT_64QAM	15.12
DC_12A_n78A	30	10	647000	1@1	DFT_64QAM	14.93
DC_12A_n78A	30	10	647000	1@22	DFT_64QAM	14.98
DC_12A_n78A	30	10	647000	24@0	DFT_256QAM	13.07
DC_12A_n78A	30	10	647000	12@6	DFT_256QAM	13.07
DC_12A_n78A	30	10	647000	1@1	DFT_256QAM	13.29
DC_12A_n78A	30	10	647000	1@22	DFT_256QAM	13.31
DC_12A_n78A	30	10	647000	24@0	CP_QPSK	14.62
DC_12A_n78A	30	10	647000	12@6	CP_QPSK	16.15
DC_12A_n78A	30	10	647000	1@1	CP_QPSK	16
DC_12A_n78A	30	10	647000	1@22	CP_QPSK	16.08
DC_12A_n78A	30	10	650000	24@0	DFT_BPSK	17.53
DC_12A_n78A	30	10	650000	12@6	DFT_BPSK	18.09
DC_12A_n78A	30	10	650000	1@1	DFT_BPSK	17.97
DC_12A_n78A	30	10	650000	1@22	DFT_BPSK	18.01
DC_12A_n78A	30	10	650000	24@0	DFT_QPSK	17.05
DC_12A_n78A	30	10	650000	12@6	DFT_QPSK	18.12
DC_12A_n78A	30	10	650000	1@1	DFT_QPSK	17.92
DC_12A_n78A	30	10	650000	1@22	DFT_QPSK	17.96
DC_12A_n78A	30	10	650000	24@0	DFT_16QAM	16.06



DC_12A_n78A	30	10	650000	12@6	DFT_16QAM	17.09
DC_12A_n78A	30	10	650000	1@1	DFT_16QAM	17.06
DC_12A_n78A	30	10	650000	1@22	DFT_16QAM	17.11
DC_12A_n78A	30	10	650000	24@0	DFT_64QAM	15.5
DC_12A_n78A	30	10	650000	12@6	DFT_64QAM	15.62
DC_12A_n78A	30	10	650000	1@1	DFT_64QAM	15.39
DC_12A_n78A	30	10	650000	1@22	DFT_64QAM	15.46
DC_12A_n78A	30	10	650000	24@0	DFT_256QAM	13.54
DC_12A_n78A	30	10	650000	12@6	DFT_256QAM	13.57
DC_12A_n78A	30	10	650000	1@1	DFT_256QAM	13.77
DC_12A_n78A	30	10	650000	1@22	DFT_256QAM	13.82
DC_12A_n78A	30	10	650000	24@0	CP_QPSK	15.04
DC_12A_n78A	30	10	650000	12@6	CP_QPSK	16.56
DC_12A_n78A	30	10	650000	1@1	CP_QPSK	16.44
DC_12A_n78A	30	10	650000	1@22	CP_QPSK	16.51
DC_12A_n78A	30	10	653000	24@0	DFT_BPSK	17.54
DC_12A_n78A	30	10	653000	12@6	DFT_BPSK	18.06
DC_12A_n78A	30	10	653000	1@1	DFT_BPSK	17.97
DC_12A_n78A	30	10	653000	1@22	DFT_BPSK	18
DC_12A_n78A	30	10	653000	24@0	DFT_QPSK	17.07
DC_12A_n78A	30	10	653000	12@6	DFT_QPSK	18.06
DC_12A_n78A	30	10	653000	1@1	DFT_QPSK	17.94
DC_12A_n78A	30	10	653000	1@22	DFT_QPSK	17.95
DC_12A_n78A	30	10	653000	24@0	DFT_16QAM	16.1
DC_12A_n78A	30	10	653000	12@6	DFT_16QAM	17.08
DC_12A_n78A	30	10	653000	1@1	DFT_16QAM	17.04
DC_12A_n78A	30	10	653000	1@22	DFT_16QAM	17.06
DC_12A_n78A	30	10	653000	24@0	DFT_64QAM	15.53
DC_12A_n78A	30	10	653000	12@6	DFT_64QAM	15.6
DC_12A_n78A	30	10	653000	1@1	DFT_64QAM	15.44
DC_12A_n78A	30	10	653000	1@22	DFT_64QAM	15.42
DC_12A_n78A	30	10	653000	24@0	DFT_256QAM	13.56
DC_12A_n78A	30	10	653000	12@6	DFT_256QAM	13.57
DC_12A_n78A	30	10	653000	1@1	DFT_256QAM	13.74
DC_12A_n78A	30	10	653000	1@22	DFT_256QAM	13.74
DC_12A_n78A	30	10	653000	24@0	CP_QPSK	15.02
DC_12A_n78A	30	10	653000	12@6	CP_QPSK	16.52
DC_12A_n78A	30	10	653000	1@1	CP_QPSK	16.44
DC_12A_n78A	30	10	653000	1@22	CP_QPSK	16.45
DC_12A_n78A	30	15	647168	36@0	DFT_BPSK	17.16
DC_12A_n78A	30	15	647168	18@9	DFT_BPSK	17.67
DC_12A_n78A	30	15	647168	1@1	DFT_BPSK	17.49
DC_12A_n78A	30	15	647168	1@36	DFT_BPSK	17.57
DC_12A_n78A	30	15	647168	36@0	DFT_QPSK	16.62
DC_12A_n78A	30	15	647168	18@9	DFT_QPSK	17.66
DC_12A_n78A	30	15	647168	1@1	DFT_QPSK	17.45
DC_12A_n78A	30	15	647168	1@36	DFT_QPSK	17.54
DC_12A_n78A	30	15	647168	36@0	DFT_16QAM	15.65



DC_12A_n78A	30	15	647168	18@9	DFT_16QAM	16.68
DC_12A_n78A	30	15	647168	1@1	DFT_16QAM	16.57
DC_12A_n78A	30	15	647168	1@36	DFT_16QAM	16.64
DC_12A_n78A	30	15	647168	36@0	DFT_64QAM	15.14
DC_12A_n78A	30	15	647168	18@9	DFT_64QAM	15.23
DC_12A_n78A	30	15	647168	1@1	DFT_64QAM	14.98
DC_12A_n78A	30	15	647168	1@36	DFT_64QAM	15.02
DC_12A_n78A	30	15	647168	36@0	DFT_256QAM	13.16
DC_12A_n78A	30	15	647168	18@9	DFT_256QAM	13.14
DC_12A_n78A	30	15	647168	1@1	DFT_256QAM	13.25
DC_12A_n78A	30	15	647168	1@36	DFT_256QAM	13.33
DC_12A_n78A	30	15	647168	38@0	CP_QPSK	14.64
DC_12A_n78A	30	15	647168	19@9	CP_QPSK	16.17
DC_12A_n78A	30	15	647168	1@1	CP_QPSK	15.99
DC_12A_n78A	30	15	647168	1@36	CP_QPSK	16.11
DC_12A_n78A	30	15	650000	36@0	DFT_BPSK	17.58
DC_12A_n78A	30	15	650000	18@9	DFT_BPSK	18.11
DC_12A_n78A	30	15	650000	1@1	DFT_BPSK	17.93
DC_12A_n78A	30	15	650000	1@36	DFT_BPSK	18.04
DC_12A_n78A	30	15	650000	36@0	DFT_QPSK	17.07
DC_12A_n78A	30	15	650000	18@9	DFT_QPSK	18.11
DC_12A_n78A	30	15	650000	1@1	DFT_QPSK	17.86
DC_12A_n78A	30	15	650000	1@36	DFT_QPSK	18.01
DC_12A_n78A	30	15	650000	36@0	DFT_16QAM	16.01
DC_12A_n78A	30	15	650000	18@9	DFT_16QAM	17.1
DC_12A_n78A	30	15	650000	1@1	DFT_16QAM	17
DC_12A_n78A	30	15	650000	1@36	DFT_16QAM	17.12
DC_12A_n78A	30	15	650000	36@0	DFT_64QAM	15.53
DC_12A_n78A	30	15	650000	18@9	DFT_64QAM	15.59
DC_12A_n78A	30	15	650000	1@1	DFT_64QAM	15.37
DC_12A_n78A	30	15	650000	1@36	DFT_64QAM	15.52
DC_12A_n78A	30	15	650000	36@0	DFT_256QAM	13.53
DC_12A_n78A	30	15	650000	18@9	DFT_256QAM	13.48
DC_12A_n78A	30	15	650000	1@1	DFT_256QAM	13.65
DC_12A_n78A	30	15	650000	1@36	DFT_256QAM	13.78
DC_12A_n78A	30	15	650000	38@0	CP_QPSK	15.07
DC_12A_n78A	30	15	650000	19@9	CP_QPSK	16.56
DC_12A_n78A	30	15	650000	1@1	CP_QPSK	16.52
DC_12A_n78A	30	15	650000	1@36	CP_QPSK	16.65
DC_12A_n78A	30	15	652832	36@0	DFT_BPSK	17.49
DC_12A_n78A	30	15	652832	18@9	DFT_BPSK	18.01
DC_12A_n78A	30	15	652832	1@1	DFT_BPSK	17.82
DC_12A_n78A	30	15	652832	1@36	DFT_BPSK	17.94
DC_12A_n78A	30	15	652832	36@0	DFT_QPSK	17
DC_12A_n78A	30	15	652832	18@9	DFT_QPSK	18.02
DC_12A_n78A	30	15	652832	1@1	DFT_QPSK	17.81
DC_12A_n78A	30	15	652832	1@36	DFT_QPSK	17.89
DC_12A_n78A	30	15	652832	36@0	DFT_16QAM	15.96



DC_12A_n78A	30	15	652832	18@9	DFT_16QAM	16.99
DC_12A_n78A	30	15	652832	1@1	DFT_16QAM	16.93
DC_12A_n78A	30	15	652832	1@36	DFT_16QAM	17
DC_12A_n78A	30	15	652832	36@0	DFT_64QAM	15.43
DC_12A_n78A	30	15	652832	18@9	DFT_64QAM	15.52
DC_12A_n78A	30	15	652832	1@1	DFT_64QAM	15.27
DC_12A_n78A	30	15	652832	1@36	DFT_64QAM	15.34
DC_12A_n78A	30	15	652832	36@0	DFT_256QAM	13.5
DC_12A_n78A	30	15	652832	18@9	DFT_256QAM	13.51
DC_12A_n78A	30	15	652832	1@1	DFT_256QAM	13.62
DC_12A_n78A	30	15	652832	1@36	DFT_256QAM	13.66
DC_12A_n78A	30	15	652832	38@0	CP_QPSK	14.96
DC_12A_n78A	30	15	652832	19@9	CP_QPSK	16.51
DC_12A_n78A	30	15	652832	1@1	CP_QPSK	16.31
DC_12A_n78A	30	15	652832	1@36	CP_QPSK	16.39
DC_12A_n78A	30	20	647334	50@0	DFT_BPSK	17.1
DC_12A_n78A	30	20	647334	25@12	DFT_BPSK	17.62
DC_12A_n78A	30	20	647334	1@1	DFT_BPSK	17.42
DC_12A_n78A	30	20	647334	1@49	DFT_BPSK	17.47
DC_12A_n78A	30	20	647334	50@0	DFT_QPSK	16.58
DC_12A_n78A	30	20	647334	25@12	DFT_QPSK	17.61
DC_12A_n78A	30	20	647334	1@1	DFT_QPSK	17.39
DC_12A_n78A	30	20	647334	1@49	DFT_QPSK	17.44
DC_12A_n78A	30	20	647334	50@0	DFT_16QAM	15.55
DC_12A_n78A	30	20	647334	25@12	DFT_16QAM	16.65
DC_12A_n78A	30	20	647334	1@1	DFT_16QAM	16.51
DC_12A_n78A	30	20	647334	1@49	DFT_16QAM	16.57
DC_12A_n78A	30	20	647334	50@0	DFT_64QAM	15.08
DC_12A_n78A	30	20	647334	25@12	DFT_64QAM	15.08
DC_12A_n78A	30	20	647334	1@1	DFT_64QAM	14.81
DC_12A_n78A	30	20	647334	1@49	DFT_64QAM	14.88
DC_12A_n78A	30	20	647334	50@0	DFT_256QAM	13.09
DC_12A_n78A	30	20	647334	25@12	DFT_256QAM	13.1
DC_12A_n78A	30	20	647334	1@1	DFT_256QAM	13.19
DC_12A_n78A	30	20	647334	1@49	DFT_256QAM	13.26
DC_12A_n78A	30	20	647334	51@0	CP_QPSK	14.58
DC_12A_n78A	30	20	647334	25@12	CP_QPSK	16.08
DC_12A_n78A	30	20	647334	1@1	CP_QPSK	15.9
DC_12A_n78A	30	20	647334	1@49	CP_QPSK	16
DC_12A_n78A	30	20	650000	50@0	DFT_BPSK	17.51
DC_12A_n78A	30	20	650000	25@12	DFT_BPSK	18.07
DC_12A_n78A	30	20	650000	1@1	DFT_BPSK	17.84
DC_12A_n78A	30	20	650000	1@49	DFT_BPSK	18.02
DC_12A_n78A	30	20	650000	50@0	DFT_QPSK	17.02
DC_12A_n78A	30	20	650000	25@12	DFT_QPSK	18.06
DC_12A_n78A	30	20	650000	1@1	DFT_QPSK	17.84
DC_12A_n78A	30	20	650000	1@49	DFT_QPSK	17.98
DC_12A_n78A	30	20	650000	50@0	DFT_16QAM	16.01



DC_12A_n78A	30	20	650000	25@12	DFT_16QAM	17.03
DC_12A_n78A	30	20	650000	1@1	DFT_16QAM	16.91
DC_12A_n78A	30	20	650000	1@49	DFT_16QAM	16.97
DC_12A_n78A	30	20	650000	50@0	DFT_64QAM	15.57
DC_12A_n78A	30	20	650000	25@12	DFT_64QAM	15.55
DC_12A_n78A	30	20	650000	1@1	DFT_64QAM	15.36
DC_12A_n78A	30	20	650000	1@49	DFT_64QAM	15.47
DC_12A_n78A	30	20	650000	50@0	DFT_256QAM	13.51
DC_12A_n78A	30	20	650000	25@12	DFT_256QAM	13.54
DC_12A_n78A	30	20	650000	1@1	DFT_256QAM	13.64
DC_12A_n78A	30	20	650000	1@49	DFT_256QAM	13.77
DC_12A_n78A	30	20	650000	51@0	CP_QPSK	15.03
DC_12A_n78A	30	20	650000	25@12	CP_QPSK	16.59
DC_12A_n78A	30	20	650000	1@1	CP_QPSK	16.38
DC_12A_n78A	30	20	650000	1@49	CP_QPSK	16.5
DC_12A_n78A	30	20	652666	50@0	DFT_BPSK	17.49
DC_12A_n78A	30	20	652666	25@12	DFT_BPSK	18
DC_12A_n78A	30	20	652666	1@1	DFT_BPSK	17.82
DC_12A_n78A	30	20	652666	1@49	DFT_BPSK	17.9
DC_12A_n78A	30	20	652666	50@0	DFT_QPSK	16.98
DC_12A_n78A	30	20	652666	25@12	DFT_QPSK	18.03
DC_12A_n78A	30	20	652666	1@1	DFT_QPSK	17.75
DC_12A_n78A	30	20	652666	1@49	DFT_QPSK	17.85
DC_12A_n78A	30	20	652666	50@0	DFT_16QAM	15.96
DC_12A_n78A	30	20	652666	25@12	DFT_16QAM	17.03
DC_12A_n78A	30	20	652666	1@1	DFT_16QAM	16.88
DC_12A_n78A	30	20	652666	1@49	DFT_16QAM	17.02
DC_12A_n78A	30	20	652666	50@0	DFT_64QAM	15.48
DC_12A_n78A	30	20	652666	25@12	DFT_64QAM	15.49
DC_12A_n78A	30	20	652666	1@1	DFT_64QAM	15.23
DC_12A_n78A	30	20	652666	1@49	DFT_64QAM	15.33
DC_12A_n78A	30	20	652666	50@0	DFT_256QAM	13.49
DC_12A_n78A	30	20	652666	25@12	DFT_256QAM	13.52
DC_12A_n78A	30	20	652666	1@1	DFT_256QAM	13.54
DC_12A_n78A	30	20	652666	1@49	DFT_256QAM	13.67
DC_12A_n78A	30	20	652666	51@0	CP_QPSK	14.92
DC_12A_n78A	30	20	652666	25@12	CP_QPSK	16.52
DC_12A_n78A	30	20	652666	1@1	CP_QPSK	16.36
DC_12A_n78A	30	20	652666	1@49	CP_QPSK	16.43
DC_12A_n78A	30	40	648000	100@0	DFT_BPSK	16.87
DC_12A_n78A	30	40	648000	50@25	DFT_BPSK	17.49
DC_12A_n78A	30	40	648000	1@1	DFT_BPSK	16.96
DC_12A_n78A	30	40	648000	1@104	DFT_BPSK	17.14
DC_12A_n78A	30	40	648000	100@0	DFT_QPSK	16.37
DC_12A_n78A	30	40	648000	50@25	DFT_QPSK	17.48
DC_12A_n78A	30	40	648000	1@1	DFT_QPSK	16.96
DC_12A_n78A	30	40	648000	1@104	DFT_QPSK	17.07
DC_12A_n78A	30	40	648000	100@0	DFT_16QAM	15.4



DC_12A_n78A	30	40	648000	50@25	DFT_16QAM	16.45
DC_12A_n78A	30	40	648000	1@1	DFT_16QAM	16.12
DC_12A_n78A	30	40	648000	1@104	DFT_16QAM	16.18
DC_12A_n78A	30	40	648000	100@0	DFT_64QAM	14.89
DC_12A_n78A	30	40	648000	50@25	DFT_64QAM	14.93
DC_12A_n78A	30	40	648000	1@1	DFT_64QAM	14.49
DC_12A_n78A	30	40	648000	1@104	DFT_64QAM	14.61
DC_12A_n78A	30	40	648000	100@0	DFT_256QAM	12.89
DC_12A_n78A	30	40	648000	50@25	DFT_256QAM	12.92
DC_12A_n78A	30	40	648000	1@1	DFT_256QAM	12.74
DC_12A_n78A	30	40	648000	1@104	DFT_256QAM	12.88
DC_12A_n78A	30	40	648000	106@0	CP_QPSK	14.32
DC_12A_n78A	30	40	648000	53@26	CP_QPSK	15.92
DC_12A_n78A	30	40	648000	1@1	CP_QPSK	15.51
DC_12A_n78A	30	40	648000	1@104	CP_QPSK	15.56
DC_12A_n78A	30	40	650000	100@0	DFT_BPSK	17.04
DC_12A_n78A	30	40	650000	50@25	DFT_BPSK	17.63
DC_12A_n78A	30	40	650000	1@1	DFT_BPSK	17.19
DC_12A_n78A	30	40	650000	1@104	DFT_BPSK	17.27
DC_12A_n78A	30	40	650000	100@0	DFT_QPSK	16.55
DC_12A_n78A	30	40	650000	50@25	DFT_QPSK	17.65
DC_12A_n78A	30	40	650000	1@1	DFT_QPSK	17.12
DC_12A_n78A	30	40	650000	1@104	DFT_QPSK	17.2
DC_12A_n78A	30	40	650000	100@0	DFT_16QAM	15.55
DC_12A_n78A	30	40	650000	50@25	DFT_16QAM	16.62
DC_12A_n78A	30	40	650000	1@1	DFT_16QAM	16.24
DC_12A_n78A	30	40	650000	1@104	DFT_16QAM	16.39
DC_12A_n78A	30	40	650000	100@0	DFT_64QAM	15.02
DC_12A_n78A	30	40	650000	50@25	DFT_64QAM	15.11
DC_12A_n78A	30	40	650000	1@1	DFT_64QAM	14.65
DC_12A_n78A	30	40	650000	1@104	DFT_64QAM	14.77
DC_12A_n78A	30	40	650000	100@0	DFT_256QAM	13.05
DC_12A_n78A	30	40	650000	50@25	DFT_256QAM	13.09
DC_12A_n78A	30	40	650000	1@1	DFT_256QAM	12.98
DC_12A_n78A	30	40	650000	1@104	DFT_256QAM	13.1
DC_12A_n78A	30	40	650000	106@0	CP_QPSK	14.47
DC_12A_n78A	30	40	650000	53@26	CP_QPSK	16.1
DC_12A_n78A	30	40	650000	1@1	CP_QPSK	15.67
DC_12A_n78A	30	40	650000	1@104	CP_QPSK	15.82
DC_12A_n78A	30	40	652000	100@0	DFT_BPSK	17.01
DC_12A_n78A	30	40	652000	50@25	DFT_BPSK	17.56
DC_12A_n78A	30	40	652000	1@1	DFT_BPSK	16.99
DC_12A_n78A	30	40	652000	1@104	DFT_BPSK	17.41
DC_12A_n78A	30	40	652000	100@0	DFT_QPSK	16.53
DC_12A_n78A	30	40	652000	50@25	DFT_QPSK	17.59
DC_12A_n78A	30	40	652000	1@1	DFT_QPSK	16.94
DC_12A_n78A	30	40	652000	1@104	DFT_QPSK	17.35
DC_12A_n78A	30	40	652000	100@0	DFT_16QAM	15.56



DC_12A_n78A	30	40	652000	50@25	DFT_16QAM	16.56
DC_12A_n78A	30	40	652000	1@1	DFT_16QAM	15.97
DC_12A_n78A	30	40	652000	1@104	DFT_16QAM	16.36
DC_12A_n78A	30	40	652000	100@0	DFT_64QAM	15.01
DC_12A_n78A	30	40	652000	50@25	DFT_64QAM	15.08
DC_12A_n78A	30	40	652000	1@1	DFT_64QAM	14.51
DC_12A_n78A	30	40	652000	1@104	DFT_64QAM	14.87
DC_12A_n78A	30	40	652000	100@0	DFT_256QAM	13.03
DC_12A_n78A	30	40	652000	50@25	DFT_256QAM	13.07
DC_12A_n78A	30	40	652000	1@1	DFT_256QAM	12.78
DC_12A_n78A	30	40	652000	1@104	DFT_256QAM	13.15
DC_12A_n78A	30	40	652000	106@0	CP_QPSK	14.46
DC_12A_n78A	30	40	652000	53@26	CP_QPSK	16.07
DC_12A_n78A	30	40	652000	1@1	CP_QPSK	15.45
DC_12A_n78A	30	40	652000	1@104	CP_QPSK	15.86
DC_12A_n78A	30	50	648334	128@0	DFT_BPSK	16.98
DC_12A_n78A	30	50	648334	64@32	DFT_BPSK	17.51
DC_12A_n78A	30	50	648334	1@1	DFT_BPSK	17.24
DC_12A_n78A	30	50	648334	1@131	DFT_BPSK	17.36
DC_12A_n78A	30	50	648334	128@0	DFT_QPSK	16.48
DC_12A_n78A	30	50	648334	64@32	DFT_QPSK	17.52
DC_12A_n78A	30	50	648334	1@1	DFT_QPSK	17.18
DC_12A_n78A	30	50	648334	1@131	DFT_QPSK	17.29
DC_12A_n78A	30	50	648334	128@0	DFT_16QAM	15.47
DC_12A_n78A	30	50	648334	64@32	DFT_16QAM	16.52
DC_12A_n78A	30	50	648334	1@1	DFT_16QAM	16.32
DC_12A_n78A	30	50	648334	1@131	DFT_16QAM	16.5
DC_12A_n78A	30	50	648334	128@0	DFT_64QAM	14.99
DC_12A_n78A	30	50	648334	64@32	DFT_64QAM	14.98
DC_12A_n78A	30	50	648334	1@1	DFT_64QAM	14.73
DC_12A_n78A	30	50	648334	1@131	DFT_64QAM	14.86
DC_12A_n78A	30	50	648334	128@0	DFT_256QAM	12.98
DC_12A_n78A	30	50	648334	64@32	DFT_256QAM	13.02
DC_12A_n78A	30	50	648334	1@1	DFT_256QAM	13.04
DC_12A_n78A	30	50	648334	1@131	DFT_256QAM	13.17
DC_12A_n78A	30	50	648334	133@0	CP_QPSK	14.46
DC_12A_n78A	30	50	648334	67@33	CP_QPSK	16
DC_12A_n78A	30	50	648334	1@1	CP_QPSK	15.74
DC_12A_n78A	30	50	648334	1@131	CP_QPSK	15.87
DC_12A_n78A	30	50	650000	128@0	DFT_BPSK	17.14
DC_12A_n78A	30	50	650000	64@32	DFT_BPSK	17.66
DC_12A_n78A	30	50	650000	1@1	DFT_BPSK	17.4
DC_12A_n78A	30	50	650000	1@131	DFT_BPSK	17.56
DC_12A_n78A	30	50	650000	128@0	DFT_QPSK	16.64
DC_12A_n78A	30	50	650000	64@32	DFT_QPSK	17.68
DC_12A_n78A	30	50	650000	1@1	DFT_QPSK	17.37
DC_12A_n78A	30	50	650000	1@131	DFT_QPSK	17.56
DC_12A_n78A	30	50	650000	128@0	DFT_16QAM	15.61