

DC_25A-n77(3700-3980)A	30	40	664000	1@104	DFT_16QAM	18.19	20.01
DC_25A-n77(3700-3980)A	30	40	664000	100@0	DFT_64QAM	17.98	19.80
DC_25A-n77(3700-3980)A	30	40	664000	50@25	DFT_64QAM	17.88	19.70
DC_25A-n77(3700-3980)A	30	40	664000	1@1	DFT_64QAM	17.89	19.71
DC_25A-n77(3700-3980)A	30	40	664000	1@104	DFT_64QAM	17.91	19.73
DC_25A-n77(3700-3980)A	30	40	664000	100@0	DFT_256QAM	17.36	19.18
DC_25A-n77(3700-3980)A	30	40	664000	50@25	DFT_256QAM	17.34	19.16
DC_25A-n77(3700-3980)A	30	40	664000	1@1	DFT_256QAM	17.20	19.02
DC_25A-n77(3700-3980)A	30	40	664000	1@104	DFT_256QAM	17.27	19.09
DC_25A-n77(3700-3980)A	30	40	664000	106@0	CP_QPSK	17.91	19.73
DC_25A-n77(3700-3980)A	30	40	664000	53@26	CP_QPSK	17.86	19.68
DC_25A-n77(3700-3980)A	30	40	664000	1@1	CP_QPSK	18.05	19.87
DC_25A-n77(3700-3980)A	30	40	664000	1@104	CP_QPSK	18.13	19.95
DC_25A-n77(3700-3980)A	30	40	664000	106@0	CP_16QAM	17.85	19.67
DC_25A-n77(3700-3980)A	30	40	664000	53@26	CP_16QAM	17.89	19.71
DC_25A-n77(3700-3980)A	30	40	664000	1@1	CP_16QAM	18.10	19.92
DC_25A-n77(3700-3980)A	30	40	664000	1@104	CP_16QAM	18.07	19.89
DC_25A-n77(3700-3980)A	30	40	664000	106@0	CP_64QAM	17.86	19.68
DC_25A-n77(3700-3980)A	30	40	664000	53@26	CP_64QAM	17.79	19.61
DC_25A-n77(3700-3980)A	30	40	664000	1@1	CP_64QAM	18.10	19.92
DC_25A-n77(3700-3980)A	30	40	664000	1@104	CP_64QAM	18.14	19.96
DC_25A-n77(3700-3980)A	30	40	664000	106@0	CP_256QAM	15.20	17.02

DC_25A-n77(3700-3980)A	30	40	664000	53@26	CP_256QAM	15.12	16.94
DC_25A-n77(3700-3980)A	30	40	664000	1@1	CP_256QAM	15.19	17.01
DC_25A-n77(3700-3980)A	30	40	664000	1@104	CP_256QAM	15.12	16.94
DC_25A-n77(3700-3980)A	30	60	648668	162@0	DFT_BPSK	16.92	18.74
DC_25A-n77(3700-3980)A	30	60	648668	81@40	DFT_BPSK	17.05	18.87
DC_25A-n77(3700-3980)A	30	60	648668	1@1	DFT_BPSK	16.94	18.76
DC_25A-n77(3700-3980)A	30	60	648668	1@160	DFT_BPSK	16.84	18.66
DC_25A-n77(3700-3980)A	30	60	648668	162@0	DFT_QPSK	17.04	18.86
DC_25A-n77(3700-3980)A	30	60	648668	81@40	DFT_QPSK	17.04	18.86
DC_25A-n77(3700-3980)A	30	60	648668	1@1	DFT_QPSK	16.94	18.76
DC_25A-n77(3700-3980)A	30	60	648668	1@160	DFT_QPSK	16.77	18.59
DC_25A-n77(3700-3980)A	30	60	648668	162@0	DFT_16QAM	16.84	18.66
DC_25A-n77(3700-3980)A	30	60	648668	81@40	DFT_16QAM	17.02	18.84
DC_25A-n77(3700-3980)A	30	60	648668	1@1	DFT_16QAM	17.04	18.86
DC_25A-n77(3700-3980)A	30	60	648668	1@160	DFT_16QAM	16.91	18.73
DC_25A-n77(3700-3980)A	30	60	648668	162@0	DFT_64QAM	16.98	18.80
DC_25A-n77(3700-3980)A	30	60	648668	81@40	DFT_64QAM	16.97	18.79
DC_25A-n77(3700-3980)A	30	60	648668	1@1	DFT_64QAM	16.84	18.66
DC_25A-n77(3700-3980)A	30	60	648668	1@160	DFT_64QAM	16.53	18.35
DC_25A-n77(3700-3980)A	30	60	648668	162@0	DFT_256QAM	16.38	18.20
DC_25A-n77(3700-3980)A	30	60	648668	81@40	DFT_256QAM	16.44	18.26
DC_25A-n77(3700-3980)A	30	60	648668	1@1	DFT_256QAM	16.14	17.96

DC_25A-n77(3700-3980)A	30	60	648668	1@160	DFT_256QAM	15.98	17.80
DC_25A-n77(3700-3980)A	30	60	648668	162@0	CP_QPSK	16.98	18.80
DC_25A-n77(3700-3980)A	30	60	648668	81@40	CP_QPSK	16.80	18.62
DC_25A-n77(3700-3980)A	30	60	648668	1@1	CP_QPSK	16.92	18.74
DC_25A-n77(3700-3980)A	30	60	648668	1@160	CP_QPSK	16.73	18.55
DC_25A-n77(3700-3980)A	30	60	648668	162@0	CP_16QAM	16.98	18.80
DC_25A-n77(3700-3980)A	30	60	648668	81@40	CP_16QAM	16.98	18.80
DC_25A-n77(3700-3980)A	30	60	648668	1@1	CP_16QAM	17.05	18.87
DC_25A-n77(3700-3980)A	30	60	648668	1@160	CP_16QAM	16.89	18.71
DC_25A-n77(3700-3980)A	30	60	648668	162@0	CP_64QAM	16.87	18.69
DC_25A-n77(3700-3980)A	30	60	648668	81@40	CP_64QAM	16.98	18.80
DC_25A-n77(3700-3980)A	30	60	648668	1@1	CP_64QAM	17.03	18.85
DC_25A-n77(3700-3980)A	30	60	648668	1@160	CP_64QAM	16.98	18.80
DC_25A-n77(3700-3980)A	30	60	648668	162@0	CP_256QAM	14.20	16.02
DC_25A-n77(3700-3980)A	30	60	648668	81@40	CP_256QAM	14.16	15.98
DC_25A-n77(3700-3980)A	30	60	648668	1@1	CP_256QAM	14.00	15.82
DC_25A-n77(3700-3980)A	30	60	648668	1@160	CP_256QAM	13.76	15.58
DC_25A-n77(3700-3980)A	30	60	656000	162@0	DFT_BPSK	17.19	19.01
DC_25A-n77(3700-3980)A	30	60	656000	81@40	DFT_BPSK	17.20	19.02
DC_25A-n77(3700-3980)A	30	60	656000	1@1	DFT_BPSK	17.44	19.26
DC_25A-n77(3700-3980)A	30	60	656000	1@160	DFT_BPSK	17.42	19.24
DC_25A-n77(3700-3980)A	30	60	656000	162@0	DFT_QPSK	17.30	19.12

DC_25A-n77(3700-3980)A	30	60	656000	81@40	DFT_QPSK	17.18	19.00
DC_25A-n77(3700-3980)A	30	60	656000	1@1	DFT_QPSK	17.39	19.21
DC_25A-n77(3700-3980)A	30	60	656000	1@160	DFT_QPSK	17.44	19.26
DC_25A-n77(3700-3980)A	30	60	656000	162@0	DFT_16QAM	17.17	18.99
DC_25A-n77(3700-3980)A	30	60	656000	81@40	DFT_16QAM	17.07	18.89
DC_25A-n77(3700-3980)A	30	60	656000	1@1	DFT_16QAM	17.27	19.09
DC_25A-n77(3700-3980)A	30	60	656000	1@160	DFT_16QAM	17.55	19.37
DC_25A-n77(3700-3980)A	30	60	656000	162@0	DFT_64QAM	17.30	19.12
DC_25A-n77(3700-3980)A	30	60	656000	81@40	DFT_64QAM	17.14	18.96
DC_25A-n77(3700-3980)A	30	60	656000	1@1	DFT_64QAM	17.13	18.95
DC_25A-n77(3700-3980)A	30	60	656000	1@160	DFT_64QAM	17.11	18.93
DC_25A-n77(3700-3980)A	30	60	656000	162@0	DFT_256QAM	16.61	18.43
DC_25A-n77(3700-3980)A	30	60	656000	81@40	DFT_256QAM	16.64	18.46
DC_25A-n77(3700-3980)A	30	60	656000	1@1	DFT_256QAM	16.69	18.51
DC_25A-n77(3700-3980)A	30	60	656000	1@160	DFT_256QAM	16.64	18.46
DC_25A-n77(3700-3980)A	30	60	656000	162@0	CP_QPSK	17.14	18.96
DC_25A-n77(3700-3980)A	30	60	656000	81@40	CP_QPSK	17.02	18.84
DC_25A-n77(3700-3980)A	30	60	656000	1@1	CP_QPSK	17.28	19.10
DC_25A-n77(3700-3980)A	30	60	656000	1@160	CP_QPSK	17.50	19.32
DC_25A-n77(3700-3980)A	30	60	656000	162@0	CP_16QAM	17.21	19.03
DC_25A-n77(3700-3980)A	30	60	656000	81@40	CP_16QAM	17.05	18.87
DC_25A-n77(3700-3980)A	30	60	656000	1@1	CP_16QAM	17.42	19.24

DC_25A-n77(3700-3980)A	30	60	656000	1@160	CP_16QAM	17.39	19.21
DC_25A-n77(3700-3980)A	30	60	656000	162@0	CP_64QAM	17.21	19.03
DC_25A-n77(3700-3980)A	30	60	656000	81@40	CP_64QAM	17.07	18.89
DC_25A-n77(3700-3980)A	30	60	656000	1@1	CP_64QAM	17.35	19.17
DC_25A-n77(3700-3980)A	30	60	656000	1@160	CP_64QAM	17.48	19.30
DC_25A-n77(3700-3980)A	30	60	656000	162@0	CP_256QAM	14.58	16.40
DC_25A-n77(3700-3980)A	30	60	656000	81@40	CP_256QAM	14.35	16.17
DC_25A-n77(3700-3980)A	30	60	656000	1@1	CP_256QAM	14.41	16.23
DC_25A-n77(3700-3980)A	30	60	656000	1@160	CP_256QAM	14.40	16.22
DC_25A-n77(3700-3980)A	30	60	663332	162@0	DFT_BPSK	17.34	19.16
DC_25A-n77(3700-3980)A	30	60	663332	81@40	DFT_BPSK	17.41	19.23
DC_25A-n77(3700-3980)A	30	60	663332	1@1	DFT_BPSK	17.23	19.05
DC_25A-n77(3700-3980)A	30	60	663332	1@160	DFT_BPSK	17.38	19.20
DC_25A-n77(3700-3980)A	30	60	663332	162@0	DFT_QPSK	17.36	19.18
DC_25A-n77(3700-3980)A	30	60	663332	81@40	DFT_QPSK	17.35	19.17
DC_25A-n77(3700-3980)A	30	60	663332	1@1	DFT_QPSK	17.17	18.99
DC_25A-n77(3700-3980)A	30	60	663332	1@160	DFT_QPSK	17.45	19.27
DC_25A-n77(3700-3980)A	30	60	663332	162@0	DFT_16QAM	17.42	19.24
DC_25A-n77(3700-3980)A	30	60	663332	81@40	DFT_16QAM	17.41	19.23
DC_25A-n77(3700-3980)A	30	60	663332	1@1	DFT_16QAM	17.30	19.12
DC_25A-n77(3700-3980)A	30	60	663332	1@160	DFT_16QAM	17.55	19.37
DC_25A-n77(3700-3980)A	30	60	663332	162@0	DFT_64QAM	17.28	19.10

DC_25A-n77(3700-3980)A	30	60	663332	81@40	DFT_64QAM	17.19	19.01
DC_25A-n77(3700-3980)A	30	60	663332	1@1	DFT_64QAM	17.05	18.87
DC_25A-n77(3700-3980)A	30	60	663332	1@160	DFT_64QAM	17.32	19.14
DC_25A-n77(3700-3980)A	30	60	663332	162@0	DFT_256QAM	16.89	18.71
DC_25A-n77(3700-3980)A	30	60	663332	81@40	DFT_256QAM	16.76	18.58
DC_25A-n77(3700-3980)A	30	60	663332	1@1	DFT_256QAM	16.45	18.27
DC_25A-n77(3700-3980)A	30	60	663332	1@160	DFT_256QAM	16.66	18.48
DC_25A-n77(3700-3980)A	30	60	663332	162@0	CP_QPSK	17.38	19.20
DC_25A-n77(3700-3980)A	30	60	663332	81@40	CP_QPSK	17.28	19.10
DC_25A-n77(3700-3980)A	30	60	663332	1@1	CP_QPSK	17.23	19.05
DC_25A-n77(3700-3980)A	30	60	663332	1@160	CP_QPSK	17.41	19.23
DC_25A-n77(3700-3980)A	30	60	663332	162@0	CP_16QAM	17.41	19.23
DC_25A-n77(3700-3980)A	30	60	663332	81@40	CP_16QAM	17.34	19.16
DC_25A-n77(3700-3980)A	30	60	663332	1@1	CP_16QAM	17.20	19.02
DC_25A-n77(3700-3980)A	30	60	663332	1@160	CP_16QAM	17.34	19.16
DC_25A-n77(3700-3980)A	30	60	663332	162@0	CP_64QAM	17.43	19.25
DC_25A-n77(3700-3980)A	30	60	663332	81@40	CP_64QAM	17.36	19.18
DC_25A-n77(3700-3980)A	30	60	663332	1@1	CP_64QAM	17.34	19.16
DC_25A-n77(3700-3980)A	30	60	663332	1@160	CP_64QAM	17.41	19.23
DC_25A-n77(3700-3980)A	30	60	663332	162@0	CP_256QAM	14.51	16.33
DC_25A-n77(3700-3980)A	30	60	663332	81@40	CP_256QAM	14.58	16.40
DC_25A-n77(3700-3980)A	30	60	663332	1@1	CP_256QAM	14.32	16.14

DC_25A-n77(3700-3980)A	30	60	663332	1@160	CP_256QAM	14.33	16.15
DC_25A-n77(3700-3980)A	30	80	649334	216@0	DFT_BPSK	16.80	18.62
DC_25A-n77(3700-3980)A	30	80	649334	108@54	DFT_BPSK	16.79	18.61
DC_25A-n77(3700-3980)A	30	80	649334	1@1	DFT_BPSK	16.82	18.64
DC_25A-n77(3700-3980)A	30	80	649334	1@215	DFT_BPSK	16.66	18.48
DC_25A-n77(3700-3980)A	30	80	649334	216@0	DFT_QPSK	16.80	18.62
DC_25A-n77(3700-3980)A	30	80	649334	108@54	DFT_QPSK	16.84	18.66
DC_25A-n77(3700-3980)A	30	80	649334	1@1	DFT_QPSK	16.76	18.58
DC_25A-n77(3700-3980)A	30	80	649334	1@215	DFT_QPSK	16.66	18.48
DC_25A-n77(3700-3980)A	30	80	649334	216@0	DFT_16QAM	16.87	18.69
DC_25A-n77(3700-3980)A	30	80	649334	108@54	DFT_16QAM	17.00	18.82
DC_25A-n77(3700-3980)A	30	80	649334	1@1	DFT_16QAM	17.00	18.82
DC_25A-n77(3700-3980)A	30	80	649334	1@215	DFT_16QAM	16.84	18.66
DC_25A-n77(3700-3980)A	30	80	649334	216@0	DFT_64QAM	16.82	18.64
DC_25A-n77(3700-3980)A	30	80	649334	108@54	DFT_64QAM	16.86	18.68
DC_25A-n77(3700-3980)A	30	80	649334	1@1	DFT_64QAM	16.62	18.44
DC_25A-n77(3700-3980)A	30	80	649334	1@215	DFT_64QAM	16.44	18.26
DC_25A-n77(3700-3980)A	30	80	649334	216@0	DFT_256QAM	16.23	18.05
DC_25A-n77(3700-3980)A	30	80	649334	108@54	DFT_256QAM	16.35	18.17
DC_25A-n77(3700-3980)A	30	80	649334	1@1	DFT_256QAM	15.93	17.75
DC_25A-n77(3700-3980)A	30	80	649334	1@215	DFT_256QAM	15.80	17.62
DC_25A-n77(3700-3980)A	30	80	649334	217@0	CP_QPSK	16.80	18.62

DC_25A-n77(3700-3980)A	30	80	649334	109@54	CP_QPSK	16.91	18.73
DC_25A-n77(3700-3980)A	30	80	649334	1@1	CP_QPSK	16.71	18.53
DC_25A-n77(3700-3980)A	30	80	649334	1@215	CP_QPSK	16.70	18.52
DC_25A-n77(3700-3980)A	30	80	649334	217@0	CP_16QAM	16.80	18.62
DC_25A-n77(3700-3980)A	30	80	649334	109@54	CP_16QAM	16.96	18.78
DC_25A-n77(3700-3980)A	30	80	649334	1@1	CP_16QAM	16.75	18.57
DC_25A-n77(3700-3980)A	30	80	649334	1@215	CP_16QAM	16.60	18.42
DC_25A-n77(3700-3980)A	30	80	649334	217@0	CP_64QAM	16.79	18.61
DC_25A-n77(3700-3980)A	30	80	649334	109@54	CP_64QAM	16.69	18.51
DC_25A-n77(3700-3980)A	30	80	649334	1@1	CP_64QAM	16.88	18.70
DC_25A-n77(3700-3980)A	30	80	649334	1@215	CP_64QAM	16.70	18.52
DC_25A-n77(3700-3980)A	30	80	649334	217@0	CP_256QAM	13.87	15.69
DC_25A-n77(3700-3980)A	30	80	649334	109@54	CP_256QAM	13.89	15.71
DC_25A-n77(3700-3980)A	30	80	649334	1@1	CP_256QAM	13.77	15.59
DC_25A-n77(3700-3980)A	30	80	649334	1@215	CP_256QAM	13.71	15.53
DC_25A-n77(3700-3980)A	30	80	656000	216@0	DFT_BPSK	17.18	19.00
DC_25A-n77(3700-3980)A	30	80	656000	108@54	DFT_BPSK	17.17	18.99
DC_25A-n77(3700-3980)A	30	80	656000	1@1	DFT_BPSK	17.14	18.96
DC_25A-n77(3700-3980)A	30	80	656000	1@215	DFT_BPSK	17.19	19.01
DC_25A-n77(3700-3980)A	30	80	656000	216@0	DFT_QPSK	17.13	18.95
DC_25A-n77(3700-3980)A	30	80	656000	108@54	DFT_QPSK	17.16	18.98
DC_25A-n77(3700-3980)A	30	80	656000	1@1	DFT_QPSK	17.30	19.12

DC_25A-n77(3700-3980)A	30	80	656000	1@215	DFT_QPSK	17.16	18.98
DC_25A-n77(3700-3980)A	30	80	656000	216@0	DFT_16QAM	17.14	18.96
DC_25A-n77(3700-3980)A	30	80	656000	108@54	DFT_16QAM	17.13	18.95
DC_25A-n77(3700-3980)A	30	80	656000	1@1	DFT_16QAM	17.48	19.30
DC_25A-n77(3700-3980)A	30	80	656000	1@215	DFT_16QAM	17.32	19.14
DC_25A-n77(3700-3980)A	30	80	656000	216@0	DFT_64QAM	17.14	18.96
DC_25A-n77(3700-3980)A	30	80	656000	108@54	DFT_64QAM	17.12	18.94
DC_25A-n77(3700-3980)A	30	80	656000	1@1	DFT_64QAM	17.09	18.91
DC_25A-n77(3700-3980)A	30	80	656000	1@215	DFT_64QAM	17.14	18.96
DC_25A-n77(3700-3980)A	30	80	656000	216@0	DFT_256QAM	16.64	18.46
DC_25A-n77(3700-3980)A	30	80	656000	108@54	DFT_256QAM	16.59	18.41
DC_25A-n77(3700-3980)A	30	80	656000	1@1	DFT_256QAM	16.46	18.28
DC_25A-n77(3700-3980)A	30	80	656000	1@215	DFT_256QAM	16.45	18.27
DC_25A-n77(3700-3980)A	30	80	656000	217@0	CP_QPSK	17.14	18.96
DC_25A-n77(3700-3980)A	30	80	656000	109@54	CP_QPSK	17.16	18.98
DC_25A-n77(3700-3980)A	30	80	656000	1@1	CP_QPSK	17.22	19.04
DC_25A-n77(3700-3980)A	30	80	656000	1@215	CP_QPSK	17.30	19.12
DC_25A-n77(3700-3980)A	30	80	656000	217@0	CP_16QAM	16.98	18.80
DC_25A-n77(3700-3980)A	30	80	656000	109@54	CP_16QAM	17.11	18.93
DC_25A-n77(3700-3980)A	30	80	656000	1@1	CP_16QAM	17.43	19.25
DC_25A-n77(3700-3980)A	30	80	656000	1@215	CP_16QAM	17.26	19.08
DC_25A-n77(3700-3980)A	30	80	656000	217@0	CP_64QAM	17.17	18.99

DC_25A-n77(3700-3980)A	30	80	656000	109@54	CP_64QAM	17.13	18.95
DC_25A-n77(3700-3980)A	30	80	656000	1@1	CP_64QAM	17.32	19.14
DC_25A-n77(3700-3980)A	30	80	656000	1@215	CP_64QAM	17.16	18.98
DC_25A-n77(3700-3980)A	30	80	656000	217@0	CP_256QAM	14.34	16.16
DC_25A-n77(3700-3980)A	30	80	656000	109@54	CP_256QAM	14.30	16.12
DC_25A-n77(3700-3980)A	30	80	656000	1@1	CP_256QAM	14.37	16.19
DC_25A-n77(3700-3980)A	30	80	656000	1@215	CP_256QAM	14.25	16.07
DC_25A-n77(3700-3980)A	30	80	662666	216@0	DFT_BPSK	17.22	19.04
DC_25A-n77(3700-3980)A	30	80	662666	108@54	DFT_BPSK	17.29	19.11
DC_25A-n77(3700-3980)A	30	80	662666	1@1	DFT_BPSK	17.21	19.03
DC_25A-n77(3700-3980)A	30	80	662666	1@215	DFT_BPSK	17.32	19.14
DC_25A-n77(3700-3980)A	30	80	662666	216@0	DFT_QPSK	17.43	19.25
DC_25A-n77(3700-3980)A	30	80	662666	108@54	DFT_QPSK	17.35	19.17
DC_25A-n77(3700-3980)A	30	80	662666	1@1	DFT_QPSK	17.35	19.17
DC_25A-n77(3700-3980)A	30	80	662666	1@215	DFT_QPSK	17.42	19.24
DC_25A-n77(3700-3980)A	30	80	662666	216@0	DFT_16QAM	17.46	19.28
DC_25A-n77(3700-3980)A	30	80	662666	108@54	DFT_16QAM	17.36	19.18
DC_25A-n77(3700-3980)A	30	80	662666	1@1	DFT_16QAM	17.36	19.18
DC_25A-n77(3700-3980)A	30	80	662666	1@215	DFT_16QAM	17.48	19.30
DC_25A-n77(3700-3980)A	30	80	662666	216@0	DFT_64QAM	17.45	19.27
DC_25A-n77(3700-3980)A	30	80	662666	108@54	DFT_64QAM	17.37	19.19
DC_25A-n77(3700-3980)A	30	80	662666	1@1	DFT_64QAM	17.03	18.85

DC_25A-n77(3700-3980)A	30	80	662666	1@215	DFT_64QAM	17.14	18.96
DC_25A-n77(3700-3980)A	30	80	662666	216@0	DFT_256QAM	16.75	18.57
DC_25A-n77(3700-3980)A	30	80	662666	108@54	DFT_256QAM	16.86	18.68
DC_25A-n77(3700-3980)A	30	80	662666	1@1	DFT_256QAM	16.37	18.19
DC_25A-n77(3700-3980)A	30	80	662666	1@215	DFT_256QAM	16.46	18.28
DC_25A-n77(3700-3980)A	30	80	662666	217@0	CP_QPSK	17.43	19.25
DC_25A-n77(3700-3980)A	30	80	662666	109@54	CP_QPSK	17.37	19.19
DC_25A-n77(3700-3980)A	30	80	662666	1@1	CP_QPSK	17.27	19.09
DC_25A-n77(3700-3980)A	30	80	662666	1@215	CP_QPSK	17.36	19.18
DC_25A-n77(3700-3980)A	30	80	662666	217@0	CP_16QAM	17.25	19.07
DC_25A-n77(3700-3980)A	30	80	662666	109@54	CP_16QAM	17.32	19.14
DC_25A-n77(3700-3980)A	30	80	662666	1@1	CP_16QAM	17.39	19.21
DC_25A-n77(3700-3980)A	30	80	662666	1@215	CP_16QAM	17.29	19.11
DC_25A-n77(3700-3980)A	30	80	662666	217@0	CP_64QAM	17.22	19.04
DC_25A-n77(3700-3980)A	30	80	662666	109@54	CP_64QAM	17.46	19.28
DC_25A-n77(3700-3980)A	30	80	662666	1@1	CP_64QAM	17.37	19.19
DC_25A-n77(3700-3980)A	30	80	662666	1@215	CP_64QAM	17.43	19.25
DC_25A-n77(3700-3980)A	30	80	662666	217@0	CP_256QAM	14.60	16.42
DC_25A-n77(3700-3980)A	30	80	662666	109@54	CP_256QAM	14.55	16.37
DC_25A-n77(3700-3980)A	30	80	662666	1@1	CP_256QAM	14.39	16.21
DC_25A-n77(3700-3980)A	30	80	662666	1@215	CP_256QAM	14.43	16.25
DC_25A-n77(3700-3980)A	30	100	650000	270@0	DFT_BPSK	16.89	18.71

DC_25A-n77(3700-3980)A	30	100	650000	135@67	DFT_BPSK	16.92	18.74
DC_25A-n77(3700-3980)A	30	100	650000	1@1	DFT_BPSK	16.78	18.60
DC_25A-n77(3700-3980)A	30	100	650000	1@271	DFT_BPSK	16.86	18.68
DC_25A-n77(3700-3980)A	30	100	650000	270@0	DFT_QPSK	16.85	18.67
DC_25A-n77(3700-3980)A	30	100	650000	135@67	DFT_QPSK	16.80	18.62
DC_25A-n77(3700-3980)A	30	100	650000	1@1	DFT_QPSK	16.82	18.64
DC_25A-n77(3700-3980)A	30	100	650000	1@271	DFT_QPSK	16.87	18.69
DC_25A-n77(3700-3980)A	30	100	650000	270@0	DFT_16QAM	16.89	18.71
DC_25A-n77(3700-3980)A	30	100	650000	135@67	DFT_16QAM	16.75	18.57
DC_25A-n77(3700-3980)A	30	100	650000	1@1	DFT_16QAM	16.92	18.74
DC_25A-n77(3700-3980)A	30	100	650000	1@271	DFT_16QAM	17.07	18.89
DC_25A-n77(3700-3980)A	30	100	650000	270@0	DFT_64QAM	16.93	18.75
DC_25A-n77(3700-3980)A	30	100	650000	135@67	DFT_64QAM	16.89	18.71
DC_25A-n77(3700-3980)A	30	100	650000	1@1	DFT_64QAM	16.77	18.59
DC_25A-n77(3700-3980)A	30	100	650000	1@271	DFT_64QAM	16.84	18.66
DC_25A-n77(3700-3980)A	30	100	650000	270@0	DFT_256QAM	16.43	18.25
DC_25A-n77(3700-3980)A	30	100	650000	135@67	DFT_256QAM	16.38	18.20
DC_25A-n77(3700-3980)A	30	100	650000	1@1	DFT_256QAM	16.05	17.87
DC_25A-n77(3700-3980)A	30	100	650000	1@271	DFT_256QAM	16.07	17.89
DC_25A-n77(3700-3980)A	30	100	650000	273@0	CP_QPSK	16.96	18.78
DC_25A-n77(3700-3980)A	30	100	650000	137@68	CP_QPSK	16.85	18.67
DC_25A-n77(3700-3980)A	30	100	650000	1@1	CP_QPSK	16.78	18.60

DC_25A-n77(3700-3980)A	30	100	650000	1@271	CP_QPSK	16.91	18.73
DC_25A-n77(3700-3980)A	30	100	650000	273@0	CP_16QAM	16.86	18.68
DC_25A-n77(3700-3980)A	30	100	650000	137@68	CP_16QAM	16.89	18.71
DC_25A-n77(3700-3980)A	30	100	650000	1@1	CP_16QAM	16.89	18.71
DC_25A-n77(3700-3980)A	30	100	650000	1@271	CP_16QAM	17.02	18.84
DC_25A-n77(3700-3980)A	30	100	650000	273@0	CP_64QAM	16.98	18.80
DC_25A-n77(3700-3980)A	30	100	650000	137@68	CP_64QAM	16.89	18.71
DC_25A-n77(3700-3980)A	30	100	650000	1@1	CP_64QAM	16.71	18.53
DC_25A-n77(3700-3980)A	30	100	650000	1@271	CP_64QAM	16.97	18.79
DC_25A-n77(3700-3980)A	30	100	650000	273@0	CP_256QAM	14.14	15.96
DC_25A-n77(3700-3980)A	30	100	650000	137@68	CP_256QAM	14.13	15.95
DC_25A-n77(3700-3980)A	30	100	650000	1@1	CP_256QAM	13.85	15.67
DC_25A-n77(3700-3980)A	30	100	650000	1@271	CP_256QAM	14.03	15.85
DC_25A-n77(3700-3980)A	30	100	656000	270@0	DFT_BPSK	17.14	18.96
DC_25A-n77(3700-3980)A	30	100	656000	135@67	DFT_BPSK	17.01	18.83
DC_25A-n77(3700-3980)A	30	100	656000	1@1	DFT_BPSK	17.27	19.09
DC_25A-n77(3700-3980)A	30	100	656000	1@271	DFT_BPSK	17.30	19.12
DC_25A-n77(3700-3980)A	30	100	656000	270@0	DFT_QPSK	17.14	18.96
DC_25A-n77(3700-3980)A	30	100	656000	135@67	DFT_QPSK	17.20	19.02
DC_25A-n77(3700-3980)A	30	100	656000	1@1	DFT_QPSK	17.22	19.04
DC_25A-n77(3700-3980)A	30	100	656000	1@271	DFT_QPSK	17.32	19.14
DC_25A-n77(3700-3980)A	30	100	656000	270@0	DFT_16QAM	17.07	18.89

DC_25A-n77(3700-3980)A	30	100	656000	135@67	DFT_16QAM	17.18	19.00
DC_25A-n77(3700-3980)A	30	100	656000	1@1	DFT_16QAM	17.30	19.12
DC_25A-n77(3700-3980)A	30	100	656000	1@271	DFT_16QAM	17.45	19.27
DC_25A-n77(3700-3980)A	30	100	656000	270@0	DFT_64QAM	17.23	19.05
DC_25A-n77(3700-3980)A	30	100	656000	135@67	DFT_64QAM	17.19	19.01
DC_25A-n77(3700-3980)A	30	100	656000	1@1	DFT_64QAM	17.13	18.95
DC_25A-n77(3700-3980)A	30	100	656000	1@271	DFT_64QAM	17.21	19.03
DC_25A-n77(3700-3980)A	30	100	656000	270@0	DFT_256QAM	16.59	18.41
DC_25A-n77(3700-3980)A	30	100	656000	135@67	DFT_256QAM	16.63	18.45
DC_25A-n77(3700-3980)A	30	100	656000	1@1	DFT_256QAM	16.45	18.27
DC_25A-n77(3700-3980)A	30	100	656000	1@271	DFT_256QAM	16.39	18.21
DC_25A-n77(3700-3980)A	30	100	656000	273@0	CP_QPSK	17.17	18.99
DC_25A-n77(3700-3980)A	30	100	656000	137@68	CP_QPSK	17.10	18.92
DC_25A-n77(3700-3980)A	30	100	656000	1@1	CP_QPSK	17.23	19.05
DC_25A-n77(3700-3980)A	30	100	656000	1@271	CP_QPSK	17.30	19.12
DC_25A-n77(3700-3980)A	30	100	656000	273@0	CP_16QAM	17.17	18.99
DC_25A-n77(3700-3980)A	30	100	656000	137@68	CP_16QAM	17.10	18.92
DC_25A-n77(3700-3980)A	30	100	656000	1@1	CP_16QAM	17.27	19.09
DC_25A-n77(3700-3980)A	30	100	656000	1@271	CP_16QAM	17.30	19.12
DC_25A-n77(3700-3980)A	30	100	656000	273@0	CP_64QAM	17.07	18.89
DC_25A-n77(3700-3980)A	30	100	656000	137@68	CP_64QAM	17.04	18.86
DC_25A-n77(3700-3980)A	30	100	656000	1@1	CP_64QAM	17.32	19.14

DC_25A-n77(3700-3980)A	30	100	656000	1@271	CP_64QAM	17.39	19.21
DC_25A-n77(3700-3980)A	30	100	656000	273@0	CP_256QAM	14.46	16.28
DC_25A-n77(3700-3980)A	30	100	656000	137@68	CP_256QAM	14.39	16.21
DC_25A-n77(3700-3980)A	30	100	656000	1@1	CP_256QAM	14.27	16.09
DC_25A-n77(3700-3980)A	30	100	656000	1@271	CP_256QAM	14.39	16.21
DC_25A-n77(3700-3980)A	30	100	662000	270@0	DFT_BPSK	17.55	19.37
DC_25A-n77(3700-3980)A	30	100	662000	135@67	DFT_BPSK	17.41	19.23
DC_25A-n77(3700-3980)A	30	100	662000	1@1	DFT_BPSK	17.32	19.14
DC_25A-n77(3700-3980)A	30	100	662000	1@271	DFT_BPSK	17.64	19.46
DC_25A-n77(3700-3980)A	30	100	662000	270@0	DFT_QPSK	17.52	19.34
DC_25A-n77(3700-3980)A	30	100	662000	135@67	DFT_QPSK	17.43	19.25
DC_25A-n77(3700-3980)A	30	100	662000	1@1	DFT_QPSK	17.32	19.14
DC_25A-n77(3700-3980)A	30	100	662000	1@271	DFT_QPSK	17.68	19.50
DC_25A-n77(3700-3980)A	30	100	662000	270@0	DFT_16QAM	17.41	19.23
DC_25A-n77(3700-3980)A	30	100	662000	135@67	DFT_16QAM	17.57	19.39
DC_25A-n77(3700-3980)A	30	100	662000	1@1	DFT_16QAM	17.28	19.10
DC_25A-n77(3700-3980)A	30	100	662000	1@271	DFT_16QAM	17.78	19.60
DC_25A-n77(3700-3980)A	30	100	662000	270@0	DFT_64QAM	17.35	19.17
DC_25A-n77(3700-3980)A	30	100	662000	135@67	DFT_64QAM	17.37	19.19
DC_25A-n77(3700-3980)A	30	100	662000	1@1	DFT_64QAM	17.21	19.03
DC_25A-n77(3700-3980)A	30	100	662000	1@271	DFT_64QAM	17.43	19.25
DC_25A-n77(3700-3980)A	30	100	662000	270@0	DFT_256QAM	16.93	18.75

DC_25A-n77(3700-3980)A	30	100	662000	135@67	DFT_256QAM	16.94	18.76
DC_25A-n77(3700-3980)A	30	100	662000	1@1	DFT_256QAM	16.50	18.32
DC_25A-n77(3700-3980)A	30	100	662000	1@271	DFT_256QAM	16.82	18.64
DC_25A-n77(3700-3980)A	30	100	662000	273@0	CP_QPSK	17.38	19.20
DC_25A-n77(3700-3980)A	30	100	662000	137@68	CP_QPSK	17.38	19.20
DC_25A-n77(3700-3980)A	30	100	662000	1@1	CP_QPSK	17.32	19.14
DC_25A-n77(3700-3980)A	30	100	662000	1@271	CP_QPSK	17.64	19.46
DC_25A-n77(3700-3980)A	30	100	662000	273@0	CP_16QAM	17.42	19.24
DC_25A-n77(3700-3980)A	30	100	662000	137@68	CP_16QAM	17.53	19.35
DC_25A-n77(3700-3980)A	30	100	662000	1@1	CP_16QAM	17.39	19.21
DC_25A-n77(3700-3980)A	30	100	662000	1@271	CP_16QAM	17.78	19.60
DC_25A-n77(3700-3980)A	30	100	662000	273@0	CP_64QAM	17.45	19.27
DC_25A-n77(3700-3980)A	30	100	662000	137@68	CP_64QAM	17.45	19.27
DC_25A-n77(3700-3980)A	30	100	662000	1@1	CP_64QAM	17.41	19.23
DC_25A-n77(3700-3980)A	30	100	662000	1@271	CP_64QAM	17.77	19.59
DC_25A-n77(3700-3980)A	30	100	662000	273@0	CP_256QAM	14.76	16.58
DC_25A-n77(3700-3980)A	30	100	662000	137@68	CP_256QAM	14.63	16.45
DC_25A-n77(3700-3980)A	30	100	662000	1@1	CP_256QAM	14.47	16.29
DC_25A-n77(3700-3980)A	30	100	662000	1@271	CP_256QAM	14.82	16.64

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)
DC_66A-n77(3700-3980)A	30	20	647334	50@0	DFT_BPSK	17.05	18.87
DC_66A-n77(3700-3980)A	30	20	647334	25@12	DFT_BPSK	17.05	18.87
DC_66A-n77(3700-3980)A	30	20	647334	1@1	DFT_BPSK	17.00	18.82
DC_66A-n77(3700-3980)A	30	20	647334	1@49	DFT_BPSK	17.14	18.96
DC_66A-n77(3700-3980)A	30	20	647334	50@0	DFT_QPSK	17.14	18.96
DC_66A-n77(3700-3980)A	30	20	647334	25@12	DFT_QPSK	17.09	18.91
DC_66A-n77(3700-3980)A	30	20	647334	1@1	DFT_QPSK	16.98	18.80
DC_66A-n77(3700-3980)A	30	20	647334	1@49	DFT_QPSK	17.14	18.96
DC_66A-n77(3700-3980)A	30	20	647334	50@0	DFT_16QAM	17.20	19.02
DC_66A-n77(3700-3980)A	30	20	647334	25@12	DFT_16QAM	17.04	18.86
DC_66A-n77(3700-3980)A	30	20	647334	1@1	DFT_16QAM	17.19	19.01
DC_66A-n77(3700-3980)A	30	20	647334	1@49	DFT_16QAM	17.45	19.27
DC_66A-n77(3700-3980)A	30	20	647334	50@0	DFT_64QAM	17.02	18.84
DC_66A-n77(3700-3980)A	30	20	647334	25@12	DFT_64QAM	17.09	18.91
DC_66A-n77(3700-3980)A	30	20	647334	1@1	DFT_64QAM	16.97	18.79
DC_66A-n77(3700-3980)A	30	20	647334	1@49	DFT_64QAM	17.22	19.04
DC_66A-n77(3700-3980)A	30	20	647334	50@0	DFT_256QAM	16.64	18.46
DC_66A-n77(3700-3980)A	30	20	647334	25@12	DFT_256QAM	16.66	18.48
DC_66A-n77(3700-3980)A	30	20	647334	1@1	DFT_256QAM	16.29	18.11
DC_66A-n77(3700-3980)A	30	20	647334	1@49	DFT_256QAM	16.46	18.28
DC_66A-n77(3700-3980)A	30	20	647334	51@0	CP_QPSK	17.04	18.86
DC_66A-n77(3700-3980)A	30	20	647334	25@12	CP_QPSK	17.12	18.94
DC_66A-n77(3700-3980)A	30	20	647334	1@1	CP_QPSK	17.05	18.87
DC_66A-n77(3700-3980)A	30	20	647334	1@49	CP_QPSK	17.32	19.14
DC_66A-n77(3700-3980)A	30	20	647334	51@0	CP_16QAM	17.13	18.95
DC_66A-n77(3700-3980)A	30	20	647334	25@12	CP_16QAM	17.09	18.91
DC_66A-n77(3700-3980)A	30	20	647334	1@1	CP_16QAM	16.94	18.76
DC_66A-n77(3700-3980)A	30	20	647334	1@49	CP_16QAM	17.28	19.10
DC_66A-n77(3700-3980)A	30	20	647334	51@0	CP_64QAM	17.10	18.92
DC_66A-n77(3700-3980)A	30	20	647334	25@12	CP_64QAM	17.07	18.89
DC_66A-n77(3700-3980)A	30	20	647334	1@1	CP_64QAM	16.94	18.76
DC_66A-n77(3700-3980)A	30	20	647334	1@49	CP_64QAM	17.17	18.99
DC_66A-n77(3700-3980)A	30	20	647334	51@0	CP_256QAM	14.30	16.12
DC_66A-n77(3700-3980)A	30	20	647334	25@12	CP_256QAM	14.37	16.19
DC_66A-n77(3700-3980)A	30	20	647334	1@1	CP_256QAM	13.92	15.74
DC_66A-n77(3700-3980)A	30	20	647334	1@49	CP_256QAM	14.25	16.07
DC_66A-n77(3700-3980)A	30	20	656000	50@0	DFT_BPSK	17.41	19.23
DC_66A-n77(3700-3980)A	30	20	656000	25@12	DFT_BPSK	17.35	19.17
DC_66A-n77(3700-3980)A	30	20	656000	1@1	DFT_BPSK	17.38	19.20
DC_66A-n77(3700-3980)A	30	20	656000	1@49	DFT_BPSK	17.42	19.24

DC_66A-n77(3700-3980)A	30	20	656000	50@0	DFT_QPSK	17.36	19.18
DC_66A-n77(3700-3980)A	30	20	656000	25@12	DFT_QPSK	17.32	19.14
DC_66A-n77(3700-3980)A	30	20	656000	1@1	DFT_QPSK	17.43	19.25
DC_66A-n77(3700-3980)A	30	20	656000	1@49	DFT_QPSK	17.32	19.14
DC_66A-n77(3700-3980)A	30	20	656000	50@0	DFT_16QAM	17.36	19.18
DC_66A-n77(3700-3980)A	30	20	656000	25@12	DFT_16QAM	17.32	19.14
DC_66A-n77(3700-3980)A	30	20	656000	1@1	DFT_16QAM	17.61	19.43
DC_66A-n77(3700-3980)A	30	20	656000	1@49	DFT_16QAM	17.69	19.51
DC_66A-n77(3700-3980)A	30	20	656000	50@0	DFT_64QAM	17.39	19.21
DC_66A-n77(3700-3980)A	30	20	656000	25@12	DFT_64QAM	17.32	19.14
DC_66A-n77(3700-3980)A	30	20	656000	1@1	DFT_64QAM	17.22	19.04
DC_66A-n77(3700-3980)A	30	20	656000	1@49	DFT_64QAM	17.32	19.14
DC_66A-n77(3700-3980)A	30	20	656000	50@0	DFT_256QAM	16.93	18.75
DC_66A-n77(3700-3980)A	30	20	656000	25@12	DFT_256QAM	16.89	18.71
DC_66A-n77(3700-3980)A	30	20	656000	1@1	DFT_256QAM	16.70	18.52
DC_66A-n77(3700-3980)A	30	20	656000	1@49	DFT_256QAM	16.72	18.54
DC_66A-n77(3700-3980)A	30	20	656000	51@0	CP_QPSK	17.43	19.25
DC_66A-n77(3700-3980)A	30	20	656000	25@12	CP_QPSK	17.37	19.19
DC_66A-n77(3700-3980)A	30	20	656000	1@1	CP_QPSK	17.45	19.27
DC_66A-n77(3700-3980)A	30	20	656000	1@49	CP_QPSK	17.52	19.34
DC_66A-n77(3700-3980)A	30	20	656000	51@0	CP_16QAM	17.30	19.12
DC_66A-n77(3700-3980)A	30	20	656000	25@12	CP_16QAM	17.39	19.21
DC_66A-n77(3700-3980)A	30	20	656000	1@1	CP_16QAM	17.47	19.29
DC_66A-n77(3700-3980)A	30	20	656000	1@49	CP_16QAM	17.39	19.21
DC_66A-n77(3700-3980)A	30	20	656000	51@0	CP_64QAM	17.37	19.19
DC_66A-n77(3700-3980)A	30	20	656000	25@12	CP_64QAM	17.46	19.28
DC_66A-n77(3700-3980)A	30	20	656000	1@1	CP_64QAM	17.47	19.29
DC_66A-n77(3700-3980)A	30	20	656000	1@49	CP_64QAM	17.47	19.29
DC_66A-n77(3700-3980)A	30	20	656000	51@0	CP_256QAM	14.62	16.44
DC_66A-n77(3700-3980)A	30	20	656000	25@12	CP_256QAM	14.61	16.43
DC_66A-n77(3700-3980)A	30	20	656000	1@1	CP_256QAM	14.62	16.44
DC_66A-n77(3700-3980)A	30	20	656000	1@49	CP_256QAM	14.45	16.27
DC_66A-n77(3700-3980)A	30	20	664666	50@0	DFT_BPSK	17.61	19.43
DC_66A-n77(3700-3980)A	30	20	664666	25@12	DFT_BPSK	17.69	19.51
DC_66A-n77(3700-3980)A	30	20	664666	1@1	DFT_BPSK	17.69	19.51
DC_66A-n77(3700-3980)A	30	20	664666	1@49	DFT_BPSK	17.82	19.64
DC_66A-n77(3700-3980)A	30	20	664666	50@0	DFT_QPSK	17.70	19.52
DC_66A-n77(3700-3980)A	30	20	664666	25@12	DFT_QPSK	17.61	19.43
DC_66A-n77(3700-3980)A	30	20	664666	1@1	DFT_QPSK	17.69	19.51
DC_66A-n77(3700-3980)A	30	20	664666	1@49	DFT_QPSK	17.87	19.69
DC_66A-n77(3700-3980)A	30	20	664666	50@0	DFT_16QAM	17.64	19.46
DC_66A-n77(3700-3980)A	30	20	664666	25@12	DFT_16QAM	17.55	19.37
DC_66A-n77(3700-3980)A	30	20	664666	1@1	DFT_16QAM	17.80	19.62

DC_66A-n77(3700-3980)A	30	20	664666	1@49	DFT_16QAM	17.98	19.80
DC_66A-n77(3700-3980)A	30	20	664666	50@0	DFT_64QAM	17.71	19.53
DC_66A-n77(3700-3980)A	30	20	664666	25@12	DFT_64QAM	17.62	19.44
DC_66A-n77(3700-3980)A	30	20	664666	1@1	DFT_64QAM	17.47	19.29
DC_66A-n77(3700-3980)A	30	20	664666	1@49	DFT_64QAM	17.64	19.46
DC_66A-n77(3700-3980)A	30	20	664666	50@0	DFT_256QAM	17.02	18.84
DC_66A-n77(3700-3980)A	30	20	664666	25@12	DFT_256QAM	17.25	19.07
DC_66A-n77(3700-3980)A	30	20	664666	1@1	DFT_256QAM	17.09	18.91
DC_66A-n77(3700-3980)A	30	20	664666	1@49	DFT_256QAM	17.05	18.87
DC_66A-n77(3700-3980)A	30	20	664666	51@0	CP_QPSK	17.69	19.51
DC_66A-n77(3700-3980)A	30	20	664666	25@12	CP_QPSK	17.59	19.41
DC_66A-n77(3700-3980)A	30	20	664666	1@1	CP_QPSK	17.68	19.50
DC_66A-n77(3700-3980)A	30	20	664666	1@49	CP_QPSK	17.82	19.64
DC_66A-n77(3700-3980)A	30	20	664666	51@0	CP_16QAM	17.55	19.37
DC_66A-n77(3700-3980)A	30	20	664666	25@12	CP_16QAM	17.57	19.39
DC_66A-n77(3700-3980)A	30	20	664666	1@1	CP_16QAM	17.84	19.66
DC_66A-n77(3700-3980)A	30	20	664666	1@49	CP_16QAM	17.91	19.73
DC_66A-n77(3700-3980)A	30	20	664666	51@0	CP_64QAM	17.68	19.50
DC_66A-n77(3700-3980)A	30	20	664666	25@12	CP_64QAM	17.73	19.55
DC_66A-n77(3700-3980)A	30	20	664666	1@1	CP_64QAM	17.66	19.48
DC_66A-n77(3700-3980)A	30	20	664666	1@49	CP_64QAM	17.88	19.70
DC_66A-n77(3700-3980)A	30	20	664666	51@0	CP_256QAM	15.13	16.95
DC_66A-n77(3700-3980)A	30	20	664666	25@12	CP_256QAM	14.91	16.73
DC_66A-n77(3700-3980)A	30	20	664666	1@1	CP_256QAM	14.89	16.71
DC_66A-n77(3700-3980)A	30	20	664666	1@49	CP_256QAM	14.99	16.81
DC_66A-n77(3700-3980)A	30	30	647668	75@0	DFT_BPSK	17.14	18.96
DC_66A-n77(3700-3980)A	30	30	647668	36@18	DFT_BPSK	17.12	18.94
DC_66A-n77(3700-3980)A	30	30	647668	1@1	DFT_BPSK	16.98	18.80
DC_66A-n77(3700-3980)A	30	30	647668	1@76	DFT_BPSK	17.14	18.96
DC_66A-n77(3700-3980)A	30	30	647668	75@0	DFT_QPSK	17.09	18.91
DC_66A-n77(3700-3980)A	30	30	647668	36@18	DFT_QPSK	17.14	18.96
DC_66A-n77(3700-3980)A	30	30	647668	1@1	DFT_QPSK	17.02	18.84
DC_66A-n77(3700-3980)A	30	30	647668	1@76	DFT_QPSK	17.18	19.00
DC_66A-n77(3700-3980)A	30	30	647668	75@0	DFT_16QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	30	647668	36@18	DFT_16QAM	17.18	19.00
DC_66A-n77(3700-3980)A	30	30	647668	1@1	DFT_16QAM	17.16	18.98
DC_66A-n77(3700-3980)A	30	30	647668	1@76	DFT_16QAM	17.52	19.34
DC_66A-n77(3700-3980)A	30	30	647668	75@0	DFT_64QAM	17.16	18.98
DC_66A-n77(3700-3980)A	30	30	647668	36@18	DFT_64QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	30	647668	1@1	DFT_64QAM	16.95	18.77
DC_66A-n77(3700-3980)A	30	30	647668	1@76	DFT_64QAM	17.05	18.87
DC_66A-n77(3700-3980)A	30	30	647668	75@0	DFT_256QAM	16.51	18.33
DC_66A-n77(3700-3980)A	30	30	647668	36@18	DFT_256QAM	16.70	18.52

DC_66A-n77(3700-3980)A	30	30	647668	1@1	DFT_256QAM	16.23	18.05
DC_66A-n77(3700-3980)A	30	30	647668	1@76	DFT_256QAM	16.46	18.28
DC_66A-n77(3700-3980)A	30	30	647668	78@0	CP_QPSK	16.96	18.78
DC_66A-n77(3700-3980)A	30	30	647668	39@19	CP_QPSK	17.16	18.98
DC_66A-n77(3700-3980)A	30	30	647668	1@1	CP_QPSK	17.17	18.99
DC_66A-n77(3700-3980)A	30	30	647668	1@76	CP_QPSK	17.18	19.00
DC_66A-n77(3700-3980)A	30	30	647668	78@0	CP_16QAM	17.09	18.91
DC_66A-n77(3700-3980)A	30	30	647668	39@19	CP_16QAM	17.12	18.94
DC_66A-n77(3700-3980)A	30	30	647668	1@1	CP_16QAM	17.16	18.98
DC_66A-n77(3700-3980)A	30	30	647668	1@76	CP_16QAM	17.21	19.03
DC_66A-n77(3700-3980)A	30	30	647668	78@0	CP_64QAM	17.09	18.91
DC_66A-n77(3700-3980)A	30	30	647668	39@19	CP_64QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	30	647668	1@1	CP_64QAM	17.11	18.93
DC_66A-n77(3700-3980)A	30	30	647668	1@76	CP_64QAM	17.22	19.04
DC_66A-n77(3700-3980)A	30	30	647668	78@0	CP_256QAM	14.32	16.14
DC_66A-n77(3700-3980)A	30	30	647668	39@19	CP_256QAM	14.37	16.19
DC_66A-n77(3700-3980)A	30	30	647668	1@1	CP_256QAM	13.91	15.73
DC_66A-n77(3700-3980)A	30	30	647668	1@76	CP_256QAM	14.23	16.05
DC_66A-n77(3700-3980)A	30	30	656000	75@0	DFT_BPSK	17.38	19.20
DC_66A-n77(3700-3980)A	30	30	656000	36@18	DFT_BPSK	17.43	19.25
DC_66A-n77(3700-3980)A	30	30	656000	1@1	DFT_BPSK	17.57	19.39
DC_66A-n77(3700-3980)A	30	30	656000	1@76	DFT_BPSK	17.54	19.36
DC_66A-n77(3700-3980)A	30	30	656000	75@0	DFT_QPSK	17.48	19.30
DC_66A-n77(3700-3980)A	30	30	656000	36@18	DFT_QPSK	17.44	19.26
DC_66A-n77(3700-3980)A	30	30	656000	1@1	DFT_QPSK	17.53	19.35
DC_66A-n77(3700-3980)A	30	30	656000	1@76	DFT_QPSK	17.59	19.41
DC_66A-n77(3700-3980)A	30	30	656000	75@0	DFT_16QAM	17.44	19.26
DC_66A-n77(3700-3980)A	30	30	656000	36@18	DFT_16QAM	17.44	19.26
DC_66A-n77(3700-3980)A	30	30	656000	1@1	DFT_16QAM	17.61	19.43
DC_66A-n77(3700-3980)A	30	30	656000	1@76	DFT_16QAM	17.62	19.44
DC_66A-n77(3700-3980)A	30	30	656000	75@0	DFT_64QAM	17.46	19.28
DC_66A-n77(3700-3980)A	30	30	656000	36@18	DFT_64QAM	17.47	19.29
DC_66A-n77(3700-3980)A	30	30	656000	1@1	DFT_64QAM	17.41	19.23
DC_66A-n77(3700-3980)A	30	30	656000	1@76	DFT_64QAM	17.48	19.30
DC_66A-n77(3700-3980)A	30	30	656000	75@0	DFT_256QAM	16.86	18.68
DC_66A-n77(3700-3980)A	30	30	656000	36@18	DFT_256QAM	17.02	18.84
DC_66A-n77(3700-3980)A	30	30	656000	1@1	DFT_256QAM	16.82	18.64
DC_66A-n77(3700-3980)A	30	30	656000	1@76	DFT_256QAM	16.88	18.70
DC_66A-n77(3700-3980)A	30	30	656000	78@0	CP_QPSK	17.46	19.28
DC_66A-n77(3700-3980)A	30	30	656000	39@19	CP_QPSK	17.47	19.29
DC_66A-n77(3700-3980)A	30	30	656000	1@1	CP_QPSK	17.53	19.35
DC_66A-n77(3700-3980)A	30	30	656000	1@76	CP_QPSK	17.64	19.46
DC_66A-n77(3700-3980)A	30	30	656000	78@0	CP_16QAM	17.51	19.33

DC_66A-n77(3700-3980)A	30	30	656000	39@19	CP_16QAM	17.48	19.30
DC_66A-n77(3700-3980)A	30	30	656000	1@1	CP_16QAM	17.67	19.49
DC_66A-n77(3700-3980)A	30	30	656000	1@76	CP_16QAM	17.53	19.35
DC_66A-n77(3700-3980)A	30	30	656000	78@0	CP_64QAM	17.54	19.36
DC_66A-n77(3700-3980)A	30	30	656000	39@19	CP_64QAM	17.41	19.23
DC_66A-n77(3700-3980)A	30	30	656000	1@1	CP_64QAM	17.57	19.39
DC_66A-n77(3700-3980)A	30	30	656000	1@76	CP_64QAM	17.57	19.39
DC_66A-n77(3700-3980)A	30	30	656000	78@0	CP_256QAM	14.68	16.50
DC_66A-n77(3700-3980)A	30	30	656000	39@19	CP_256QAM	14.73	16.55
DC_66A-n77(3700-3980)A	30	30	656000	1@1	CP_256QAM	14.64	16.46
DC_66A-n77(3700-3980)A	30	30	656000	1@76	CP_256QAM	14.64	16.46
DC_66A-n77(3700-3980)A	30	30	664332	75@0	DFT_BPSK	17.86	19.68
DC_66A-n77(3700-3980)A	30	30	664332	36@18	DFT_BPSK	17.85	19.67
DC_66A-n77(3700-3980)A	30	30	664332	1@1	DFT_BPSK	17.93	19.75
DC_66A-n77(3700-3980)A	30	30	664332	1@76	DFT_BPSK	17.84	19.66
DC_66A-n77(3700-3980)A	30	30	664332	75@0	DFT_QPSK	17.86	19.68
DC_66A-n77(3700-3980)A	30	30	664332	36@18	DFT_QPSK	17.87	19.69
DC_66A-n77(3700-3980)A	30	30	664332	1@1	DFT_QPSK	17.92	19.74
DC_66A-n77(3700-3980)A	30	30	664332	1@76	DFT_QPSK	17.89	19.71
DC_66A-n77(3700-3980)A	30	30	664332	75@0	DFT_16QAM	17.89	19.71
DC_66A-n77(3700-3980)A	30	30	664332	36@18	DFT_16QAM	17.75	19.57
DC_66A-n77(3700-3980)A	30	30	664332	1@1	DFT_16QAM	18.23	20.05
DC_66A-n77(3700-3980)A	30	30	664332	1@76	DFT_16QAM	18.03	19.85
DC_66A-n77(3700-3980)A	30	30	664332	75@0	DFT_64QAM	17.84	19.66
DC_66A-n77(3700-3980)A	30	30	664332	36@18	DFT_64QAM	17.77	19.59
DC_66A-n77(3700-3980)A	30	30	664332	1@1	DFT_64QAM	17.82	19.64
DC_66A-n77(3700-3980)A	30	30	664332	1@76	DFT_64QAM	17.75	19.57
DC_66A-n77(3700-3980)A	30	30	664332	75@0	DFT_256QAM	17.21	19.03
DC_66A-n77(3700-3980)A	30	30	664332	36@18	DFT_256QAM	17.23	19.05
DC_66A-n77(3700-3980)A	30	30	664332	1@1	DFT_256QAM	17.07	18.89
DC_66A-n77(3700-3980)A	30	30	664332	1@76	DFT_256QAM	17.16	18.98
DC_66A-n77(3700-3980)A	30	30	664332	78@0	CP_QPSK	17.84	19.66
DC_66A-n77(3700-3980)A	30	30	664332	39@19	CP_QPSK	17.80	19.62
DC_66A-n77(3700-3980)A	30	30	664332	1@1	CP_QPSK	17.91	19.73
DC_66A-n77(3700-3980)A	30	30	664332	1@76	CP_QPSK	17.89	19.71
DC_66A-n77(3700-3980)A	30	30	664332	78@0	CP_16QAM	17.88	19.70
DC_66A-n77(3700-3980)A	30	30	664332	39@19	CP_16QAM	17.85	19.67
DC_66A-n77(3700-3980)A	30	30	664332	1@1	CP_16QAM	18.12	19.94
DC_66A-n77(3700-3980)A	30	30	664332	1@76	CP_16QAM	18.01	19.83
DC_66A-n77(3700-3980)A	30	30	664332	78@0	CP_64QAM	17.82	19.64
DC_66A-n77(3700-3980)A	30	30	664332	39@19	CP_64QAM	17.80	19.62
DC_66A-n77(3700-3980)A	30	30	664332	1@1	CP_64QAM	18.07	19.89
DC_66A-n77(3700-3980)A	30	30	664332	1@76	CP_64QAM	17.80	19.62

DC_66A-n77(3700-3980)A	30	30	664332	78@0	CP_256QAM	15.01	16.83
DC_66A-n77(3700-3980)A	30	30	664332	39@19	CP_256QAM	14.99	16.81
DC_66A-n77(3700-3980)A	30	30	664332	1@1	CP_256QAM	15.07	16.89
DC_66A-n77(3700-3980)A	30	30	664332	1@76	CP_256QAM	14.92	16.74
DC_66A-n77(3700-3980)A	30	40	648000	100@0	DFT_BPSK	17.26	19.08
DC_66A-n77(3700-3980)A	30	40	648000	50@25	DFT_BPSK	17.30	19.12
DC_66A-n77(3700-3980)A	30	40	648000	1@1	DFT_BPSK	17.50	19.32
DC_66A-n77(3700-3980)A	30	40	648000	1@104	DFT_BPSK	17.29	19.11
DC_66A-n77(3700-3980)A	30	40	648000	100@0	DFT_QPSK	17.28	19.10
DC_66A-n77(3700-3980)A	30	40	648000	50@25	DFT_QPSK	17.29	19.11
DC_66A-n77(3700-3980)A	30	40	648000	1@1	DFT_QPSK	17.41	19.23
DC_66A-n77(3700-3980)A	30	40	648000	1@104	DFT_QPSK	17.35	19.17
DC_66A-n77(3700-3980)A	30	40	648000	100@0	DFT_16QAM	17.34	19.16
DC_66A-n77(3700-3980)A	30	40	648000	50@25	DFT_16QAM	17.28	19.10
DC_66A-n77(3700-3980)A	30	40	648000	1@1	DFT_16QAM	17.60	19.42
DC_66A-n77(3700-3980)A	30	40	648000	1@104	DFT_16QAM	17.38	19.20
DC_66A-n77(3700-3980)A	30	40	648000	100@0	DFT_64QAM	17.26	19.08
DC_66A-n77(3700-3980)A	30	40	648000	50@25	DFT_64QAM	17.39	19.21
DC_66A-n77(3700-3980)A	30	40	648000	1@1	DFT_64QAM	17.21	19.03
DC_66A-n77(3700-3980)A	30	40	648000	1@104	DFT_64QAM	17.20	19.02
DC_66A-n77(3700-3980)A	30	40	648000	100@0	DFT_256QAM	16.88	18.70
DC_66A-n77(3700-3980)A	30	40	648000	50@25	DFT_256QAM	16.87	18.69
DC_66A-n77(3700-3980)A	30	40	648000	1@1	DFT_256QAM	16.67	18.49
DC_66A-n77(3700-3980)A	30	40	648000	1@104	DFT_256QAM	16.69	18.51
DC_66A-n77(3700-3980)A	30	40	648000	106@0	CP_QPSK	17.28	19.10
DC_66A-n77(3700-3980)A	30	40	648000	53@26	CP_QPSK	17.34	19.16
DC_66A-n77(3700-3980)A	30	40	648000	1@1	CP_QPSK	17.60	19.42
DC_66A-n77(3700-3980)A	30	40	648000	1@104	CP_QPSK	17.36	19.18
DC_66A-n77(3700-3980)A	30	40	648000	106@0	CP_16QAM	17.23	19.05
DC_66A-n77(3700-3980)A	30	40	648000	53@26	CP_16QAM	17.43	19.25
DC_66A-n77(3700-3980)A	30	40	648000	1@1	CP_16QAM	17.61	19.43
DC_66A-n77(3700-3980)A	30	40	648000	1@104	CP_16QAM	17.55	19.37
DC_66A-n77(3700-3980)A	30	40	648000	106@0	CP_64QAM	17.39	19.21
DC_66A-n77(3700-3980)A	30	40	648000	53@26	CP_64QAM	17.48	19.30
DC_66A-n77(3700-3980)A	30	40	648000	1@1	CP_64QAM	17.43	19.25
DC_66A-n77(3700-3980)A	30	40	648000	1@104	CP_64QAM	17.37	19.19
DC_66A-n77(3700-3980)A	30	40	648000	106@0	CP_256QAM	14.62	16.44
DC_66A-n77(3700-3980)A	30	40	648000	53@26	CP_256QAM	14.56	16.38
DC_66A-n77(3700-3980)A	30	40	648000	1@1	CP_256QAM	14.30	16.12
DC_66A-n77(3700-3980)A	30	40	648000	1@104	CP_256QAM	14.25	16.07
DC_66A-n77(3700-3980)A	30	40	656000	100@0	DFT_BPSK	17.53	19.35
DC_66A-n77(3700-3980)A	30	40	656000	50@25	DFT_BPSK	17.44	19.26
DC_66A-n77(3700-3980)A	30	40	656000	1@1	DFT_BPSK	17.73	19.55

DC_66A-n77(3700-3980)A	30	40	656000	1@104	DFT_BPSK	17.57	19.39
DC_66A-n77(3700-3980)A	30	40	656000	100@0	DFT_QPSK	17.48	19.30
DC_66A-n77(3700-3980)A	30	40	656000	50@25	DFT_QPSK	17.47	19.29
DC_66A-n77(3700-3980)A	30	40	656000	1@1	DFT_QPSK	17.67	19.49
DC_66A-n77(3700-3980)A	30	40	656000	1@104	DFT_QPSK	17.67	19.49
DC_66A-n77(3700-3980)A	30	40	656000	100@0	DFT_16QAM	17.50	19.32
DC_66A-n77(3700-3980)A	30	40	656000	50@25	DFT_16QAM	17.46	19.28
DC_66A-n77(3700-3980)A	30	40	656000	1@1	DFT_16QAM	17.78	19.60
DC_66A-n77(3700-3980)A	30	40	656000	1@104	DFT_16QAM	17.84	19.66
DC_66A-n77(3700-3980)A	30	40	656000	100@0	DFT_64QAM	17.44	19.26
DC_66A-n77(3700-3980)A	30	40	656000	50@25	DFT_64QAM	17.43	19.25
DC_66A-n77(3700-3980)A	30	40	656000	1@1	DFT_64QAM	17.60	19.42
DC_66A-n77(3700-3980)A	30	40	656000	1@104	DFT_64QAM	17.52	19.34
DC_66A-n77(3700-3980)A	30	40	656000	100@0	DFT_256QAM	17.02	18.84
DC_66A-n77(3700-3980)A	30	40	656000	50@25	DFT_256QAM	16.88	18.70
DC_66A-n77(3700-3980)A	30	40	656000	1@1	DFT_256QAM	16.87	18.69
DC_66A-n77(3700-3980)A	30	40	656000	1@104	DFT_256QAM	16.76	18.58
DC_66A-n77(3700-3980)A	30	40	656000	106@0	CP_QPSK	17.50	19.32
DC_66A-n77(3700-3980)A	30	40	656000	53@26	CP_QPSK	17.50	19.32
DC_66A-n77(3700-3980)A	30	40	656000	1@1	CP_QPSK	17.82	19.64
DC_66A-n77(3700-3980)A	30	40	656000	1@104	CP_QPSK	17.57	19.39
DC_66A-n77(3700-3980)A	30	40	656000	106@0	CP_16QAM	17.59	19.41
DC_66A-n77(3700-3980)A	30	40	656000	53@26	CP_16QAM	17.36	19.18
DC_66A-n77(3700-3980)A	30	40	656000	1@1	CP_16QAM	17.72	19.54
DC_66A-n77(3700-3980)A	30	40	656000	1@104	CP_16QAM	17.73	19.55
DC_66A-n77(3700-3980)A	30	40	656000	106@0	CP_64QAM	17.57	19.39
DC_66A-n77(3700-3980)A	30	40	656000	53@26	CP_64QAM	17.45	19.27
DC_66A-n77(3700-3980)A	30	40	656000	1@1	CP_64QAM	17.76	19.58
DC_66A-n77(3700-3980)A	30	40	656000	1@104	CP_64QAM	17.68	19.50
DC_66A-n77(3700-3980)A	30	40	656000	106@0	CP_256QAM	14.89	16.71
DC_66A-n77(3700-3980)A	30	40	656000	53@26	CP_256QAM	14.70	16.52
DC_66A-n77(3700-3980)A	30	40	656000	1@1	CP_256QAM	14.88	16.70
DC_66A-n77(3700-3980)A	30	40	656000	1@104	CP_256QAM	14.73	16.55
DC_66A-n77(3700-3980)A	30	40	664000	100@0	DFT_BPSK	17.82	19.64
DC_66A-n77(3700-3980)A	30	40	664000	50@25	DFT_BPSK	17.82	19.64
DC_66A-n77(3700-3980)A	30	40	664000	1@1	DFT_BPSK	18.09	19.91
DC_66A-n77(3700-3980)A	30	40	664000	1@104	DFT_BPSK	18.11	19.93
DC_66A-n77(3700-3980)A	30	40	664000	100@0	DFT_QPSK	17.95	19.77
DC_66A-n77(3700-3980)A	30	40	664000	50@25	DFT_QPSK	17.94	19.76
DC_66A-n77(3700-3980)A	30	40	664000	1@1	DFT_QPSK	18.14	19.96
DC_66A-n77(3700-3980)A	30	40	664000	1@104	DFT_QPSK	18.14	19.96
DC_66A-n77(3700-3980)A	30	40	664000	100@0	DFT_16QAM	17.85	19.67
DC_66A-n77(3700-3980)A	30	40	664000	50@25	DFT_16QAM	17.91	19.73

DC_66A-n77(3700-3980)A	30	40	664000	1@1	DFT_16QAM	18.20	20.02
DC_66A-n77(3700-3980)A	30	40	664000	1@104	DFT_16QAM	18.13	19.95
DC_66A-n77(3700-3980)A	30	40	664000	100@0	DFT_64QAM	17.78	19.60
DC_66A-n77(3700-3980)A	30	40	664000	50@25	DFT_64QAM	17.84	19.66
DC_66A-n77(3700-3980)A	30	40	664000	1@1	DFT_64QAM	17.82	19.64
DC_66A-n77(3700-3980)A	30	40	664000	1@104	DFT_64QAM	17.89	19.71
DC_66A-n77(3700-3980)A	30	40	664000	100@0	DFT_256QAM	17.34	19.16
DC_66A-n77(3700-3980)A	30	40	664000	50@25	DFT_256QAM	17.32	19.14
DC_66A-n77(3700-3980)A	30	40	664000	1@1	DFT_256QAM	17.17	18.99
DC_66A-n77(3700-3980)A	30	40	664000	1@104	DFT_256QAM	17.34	19.16
DC_66A-n77(3700-3980)A	30	40	664000	106@0	CP_QPSK	17.92	19.74
DC_66A-n77(3700-3980)A	30	40	664000	53@26	CP_QPSK	17.88	19.70
DC_66A-n77(3700-3980)A	30	40	664000	1@1	CP_QPSK	17.95	19.77
DC_66A-n77(3700-3980)A	30	40	664000	1@104	CP_QPSK	18.05	19.87
DC_66A-n77(3700-3980)A	30	40	664000	106@0	CP_16QAM	17.82	19.64
DC_66A-n77(3700-3980)A	30	40	664000	53@26	CP_16QAM	17.94	19.76
DC_66A-n77(3700-3980)A	30	40	664000	1@1	CP_16QAM	17.89	19.71
DC_66A-n77(3700-3980)A	30	40	664000	1@104	CP_16QAM	18.14	19.96
DC_66A-n77(3700-3980)A	30	40	664000	106@0	CP_64QAM	17.84	19.66
DC_66A-n77(3700-3980)A	30	40	664000	53@26	CP_64QAM	17.80	19.62
DC_66A-n77(3700-3980)A	30	40	664000	1@1	CP_64QAM	18.05	19.87
DC_66A-n77(3700-3980)A	30	40	664000	1@104	CP_64QAM	18.04	19.86
DC_66A-n77(3700-3980)A	30	40	664000	106@0	CP_256QAM	15.18	17.00
DC_66A-n77(3700-3980)A	30	40	664000	53@26	CP_256QAM	15.14	16.96
DC_66A-n77(3700-3980)A	30	40	664000	1@1	CP_256QAM	15.19	17.01
DC_66A-n77(3700-3980)A	30	40	664000	1@104	CP_256QAM	15.15	16.97
DC_66A-n77(3700-3980)A	30	60	648668	162@0	DFT_BPSK	16.93	18.75
DC_66A-n77(3700-3980)A	30	60	648668	81@40	DFT_BPSK	16.97	18.79
DC_66A-n77(3700-3980)A	30	60	648668	1@1	DFT_BPSK	17.05	18.87
DC_66A-n77(3700-3980)A	30	60	648668	1@160	DFT_BPSK	16.82	18.64
DC_66A-n77(3700-3980)A	30	60	648668	162@0	DFT_QPSK	17.04	18.86
DC_66A-n77(3700-3980)A	30	60	648668	81@40	DFT_QPSK	17.00	18.82
DC_66A-n77(3700-3980)A	30	60	648668	1@1	DFT_QPSK	16.93	18.75
DC_66A-n77(3700-3980)A	30	60	648668	1@160	DFT_QPSK	16.88	18.70
DC_66A-n77(3700-3980)A	30	60	648668	162@0	DFT_16QAM	16.92	18.74
DC_66A-n77(3700-3980)A	30	60	648668	81@40	DFT_16QAM	17.17	18.99
DC_66A-n77(3700-3980)A	30	60	648668	1@1	DFT_16QAM	17.01	18.83
DC_66A-n77(3700-3980)A	30	60	648668	1@160	DFT_16QAM	16.92	18.74
DC_66A-n77(3700-3980)A	30	60	648668	162@0	DFT_64QAM	17.01	18.83
DC_66A-n77(3700-3980)A	30	60	648668	81@40	DFT_64QAM	16.96	18.78
DC_66A-n77(3700-3980)A	30	60	648668	1@1	DFT_64QAM	16.78	18.60
DC_66A-n77(3700-3980)A	30	60	648668	1@160	DFT_64QAM	16.57	18.39
DC_66A-n77(3700-3980)A	30	60	648668	162@0	DFT_256QAM	16.42	18.24

DC_66A-n77(3700-3980)A	30	60	648668	81@40	DFT_256QAM	16.36	18.18
DC_66A-n77(3700-3980)A	30	60	648668	1@1	DFT_256QAM	16.23	18.05
DC_66A-n77(3700-3980)A	30	60	648668	1@160	DFT_256QAM	16.00	17.82
DC_66A-n77(3700-3980)A	30	60	648668	162@0	CP_QPSK	16.96	18.78
DC_66A-n77(3700-3980)A	30	60	648668	81@40	CP_QPSK	17.01	18.83
DC_66A-n77(3700-3980)A	30	60	648668	1@1	CP_QPSK	16.97	18.79
DC_66A-n77(3700-3980)A	30	60	648668	1@160	CP_QPSK	16.87	18.69
DC_66A-n77(3700-3980)A	30	60	648668	162@0	CP_16QAM	16.92	18.74
DC_66A-n77(3700-3980)A	30	60	648668	81@40	CP_16QAM	16.84	18.66
DC_66A-n77(3700-3980)A	30	60	648668	1@1	CP_16QAM	17.18	19.00
DC_66A-n77(3700-3980)A	30	60	648668	1@160	CP_16QAM	16.89	18.71
DC_66A-n77(3700-3980)A	30	60	648668	162@0	CP_64QAM	17.07	18.89
DC_66A-n77(3700-3980)A	30	60	648668	81@40	CP_64QAM	17.12	18.94
DC_66A-n77(3700-3980)A	30	60	648668	1@1	CP_64QAM	17.12	18.94
DC_66A-n77(3700-3980)A	30	60	648668	1@160	CP_64QAM	16.87	18.69
DC_66A-n77(3700-3980)A	30	60	648668	162@0	CP_256QAM	14.27	16.09
DC_66A-n77(3700-3980)A	30	60	648668	81@40	CP_256QAM	14.20	16.02
DC_66A-n77(3700-3980)A	30	60	648668	1@1	CP_256QAM	14.06	15.88
DC_66A-n77(3700-3980)A	30	60	648668	1@160	CP_256QAM	13.76	15.58
DC_66A-n77(3700-3980)A	30	60	656000	162@0	DFT_BPSK	17.32	19.14
DC_66A-n77(3700-3980)A	30	60	656000	81@40	DFT_BPSK	17.05	18.87
DC_66A-n77(3700-3980)A	30	60	656000	1@1	DFT_BPSK	17.23	19.05
DC_66A-n77(3700-3980)A	30	60	656000	1@160	DFT_BPSK	17.30	19.12
DC_66A-n77(3700-3980)A	30	60	656000	162@0	DFT_QPSK	17.29	19.11
DC_66A-n77(3700-3980)A	30	60	656000	81@40	DFT_QPSK	17.21	19.03
DC_66A-n77(3700-3980)A	30	60	656000	1@1	DFT_QPSK	17.36	19.18
DC_66A-n77(3700-3980)A	30	60	656000	1@160	DFT_QPSK	17.38	19.20
DC_66A-n77(3700-3980)A	30	60	656000	162@0	DFT_16QAM	17.20	19.02
DC_66A-n77(3700-3980)A	30	60	656000	81@40	DFT_16QAM	17.07	18.89
DC_66A-n77(3700-3980)A	30	60	656000	1@1	DFT_16QAM	17.43	19.25
DC_66A-n77(3700-3980)A	30	60	656000	1@160	DFT_16QAM	17.45	19.27
DC_66A-n77(3700-3980)A	30	60	656000	162@0	DFT_64QAM	17.12	18.94
DC_66A-n77(3700-3980)A	30	60	656000	81@40	DFT_64QAM	17.10	18.92
DC_66A-n77(3700-3980)A	30	60	656000	1@1	DFT_64QAM	17.12	18.94
DC_66A-n77(3700-3980)A	30	60	656000	1@160	DFT_64QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	60	656000	162@0	DFT_256QAM	16.76	18.58
DC_66A-n77(3700-3980)A	30	60	656000	81@40	DFT_256QAM	16.71	18.53
DC_66A-n77(3700-3980)A	30	60	656000	1@1	DFT_256QAM	16.54	18.36
DC_66A-n77(3700-3980)A	30	60	656000	1@160	DFT_256QAM	16.64	18.46
DC_66A-n77(3700-3980)A	30	60	656000	162@0	CP_QPSK	17.25	19.07
DC_66A-n77(3700-3980)A	30	60	656000	81@40	CP_QPSK	17.12	18.94
DC_66A-n77(3700-3980)A	30	60	656000	1@1	CP_QPSK	17.30	19.12
DC_66A-n77(3700-3980)A	30	60	656000	1@160	CP_QPSK	17.38	19.20

DC_66A-n77(3700-3980)A	30	60	656000	162@0	CP_16QAM	17.21	19.03
DC_66A-n77(3700-3980)A	30	60	656000	81@40	CP_16QAM	17.22	19.04
DC_66A-n77(3700-3980)A	30	60	656000	1@1	CP_16QAM	17.39	19.21
DC_66A-n77(3700-3980)A	30	60	656000	1@160	CP_16QAM	17.52	19.34
DC_66A-n77(3700-3980)A	30	60	656000	162@0	CP_64QAM	17.21	19.03
DC_66A-n77(3700-3980)A	30	60	656000	81@40	CP_64QAM	17.10	18.92
DC_66A-n77(3700-3980)A	30	60	656000	1@1	CP_64QAM	17.46	19.28
DC_66A-n77(3700-3980)A	30	60	656000	1@160	CP_64QAM	17.55	19.37
DC_66A-n77(3700-3980)A	30	60	656000	162@0	CP_256QAM	14.51	16.33
DC_66A-n77(3700-3980)A	30	60	656000	81@40	CP_256QAM	14.47	16.29
DC_66A-n77(3700-3980)A	30	60	656000	1@1	CP_256QAM	14.47	16.29
DC_66A-n77(3700-3980)A	30	60	656000	1@160	CP_256QAM	14.42	16.24
DC_66A-n77(3700-3980)A	30	60	663332	162@0	DFT_BPSK	17.19	19.01
DC_66A-n77(3700-3980)A	30	60	663332	81@40	DFT_BPSK	17.25	19.07
DC_66A-n77(3700-3980)A	30	60	663332	1@1	DFT_BPSK	16.80	18.62
DC_66A-n77(3700-3980)A	30	60	663332	1@160	DFT_BPSK	16.85	18.67
DC_66A-n77(3700-3980)A	30	60	663332	162@0	DFT_QPSK	17.23	19.05
DC_66A-n77(3700-3980)A	30	60	663332	81@40	DFT_QPSK	17.30	19.12
DC_66A-n77(3700-3980)A	30	60	663332	1@1	DFT_QPSK	16.82	18.64
DC_66A-n77(3700-3980)A	30	60	663332	1@160	DFT_QPSK	16.97	18.79
DC_66A-n77(3700-3980)A	30	60	663332	162@0	DFT_16QAM	17.05	18.87
DC_66A-n77(3700-3980)A	30	60	663332	81@40	DFT_16QAM	17.30	19.12
DC_66A-n77(3700-3980)A	30	60	663332	1@1	DFT_16QAM	16.92	18.74
DC_66A-n77(3700-3980)A	30	60	663332	1@160	DFT_16QAM	17.09	18.91
DC_66A-n77(3700-3980)A	30	60	663332	162@0	DFT_64QAM	17.03	18.85
DC_66A-n77(3700-3980)A	30	60	663332	81@40	DFT_64QAM	17.28	19.10
DC_66A-n77(3700-3980)A	30	60	663332	1@1	DFT_64QAM	16.67	18.49
DC_66A-n77(3700-3980)A	30	60	663332	1@160	DFT_64QAM	16.75	18.57
DC_66A-n77(3700-3980)A	30	60	663332	162@0	DFT_256QAM	16.64	18.46
DC_66A-n77(3700-3980)A	30	60	663332	81@40	DFT_256QAM	16.72	18.54
DC_66A-n77(3700-3980)A	30	60	663332	1@1	DFT_256QAM	15.97	17.79
DC_66A-n77(3700-3980)A	30	60	663332	1@160	DFT_256QAM	16.12	17.94
DC_66A-n77(3700-3980)A	30	60	663332	162@0	CP_QPSK	17.01	18.83
DC_66A-n77(3700-3980)A	30	60	663332	81@40	CP_QPSK	17.26	19.08
DC_66A-n77(3700-3980)A	30	60	663332	1@1	CP_QPSK	16.73	18.55
DC_66A-n77(3700-3980)A	30	60	663332	1@160	CP_QPSK	16.84	18.66
DC_66A-n77(3700-3980)A	30	60	663332	162@0	CP_16QAM	17.07	18.89
DC_66A-n77(3700-3980)A	30	60	663332	81@40	CP_16QAM	17.26	19.08
DC_66A-n77(3700-3980)A	30	60	663332	1@1	CP_16QAM	16.80	18.62
DC_66A-n77(3700-3980)A	30	60	663332	1@160	CP_16QAM	17.01	18.83
DC_66A-n77(3700-3980)A	30	60	663332	162@0	CP_64QAM	17.10	18.92
DC_66A-n77(3700-3980)A	30	60	663332	81@40	CP_64QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	60	663332	1@1	CP_64QAM	16.80	18.62

DC_66A-n77(3700-3980)A	30	60	663332	1@160	CP_64QAM	16.98	18.80
DC_66A-n77(3700-3980)A	30	60	663332	162@0	CP_256QAM	14.50	16.32
DC_66A-n77(3700-3980)A	30	60	663332	81@40	CP_256QAM	14.42	16.24
DC_66A-n77(3700-3980)A	30	60	663332	1@1	CP_256QAM	13.83	15.65
DC_66A-n77(3700-3980)A	30	60	663332	1@160	CP_256QAM	13.90	15.72
DC_66A-n77(3700-3980)A	30	80	649334	216@0	DFT_BPSK	16.82	18.64
DC_66A-n77(3700-3980)A	30	80	649334	108@54	DFT_BPSK	16.80	18.62
DC_66A-n77(3700-3980)A	30	80	649334	1@1	DFT_BPSK	16.80	18.62
DC_66A-n77(3700-3980)A	30	80	649334	1@215	DFT_BPSK	16.60	18.42
DC_66A-n77(3700-3980)A	30	80	649334	216@0	DFT_QPSK	16.89	18.71
DC_66A-n77(3700-3980)A	30	80	649334	108@54	DFT_QPSK	16.82	18.64
DC_66A-n77(3700-3980)A	30	80	649334	1@1	DFT_QPSK	16.73	18.55
DC_66A-n77(3700-3980)A	30	80	649334	1@215	DFT_QPSK	16.64	18.46
DC_66A-n77(3700-3980)A	30	80	649334	216@0	DFT_16QAM	16.68	18.50
DC_66A-n77(3700-3980)A	30	80	649334	108@54	DFT_16QAM	16.70	18.52
DC_66A-n77(3700-3980)A	30	80	649334	1@1	DFT_16QAM	16.89	18.71
DC_66A-n77(3700-3980)A	30	80	649334	1@215	DFT_16QAM	16.69	18.51
DC_66A-n77(3700-3980)A	30	80	649334	216@0	DFT_64QAM	16.85	18.67
DC_66A-n77(3700-3980)A	30	80	649334	108@54	DFT_64QAM	16.89	18.71
DC_66A-n77(3700-3980)A	30	80	649334	1@1	DFT_64QAM	16.50	18.32
DC_66A-n77(3700-3980)A	30	80	649334	1@215	DFT_64QAM	16.47	18.29
DC_66A-n77(3700-3980)A	30	80	649334	216@0	DFT_256QAM	16.32	18.14
DC_66A-n77(3700-3980)A	30	80	649334	108@54	DFT_256QAM	16.44	18.26
DC_66A-n77(3700-3980)A	30	80	649334	1@1	DFT_256QAM	16.01	17.83
DC_66A-n77(3700-3980)A	30	80	649334	1@215	DFT_256QAM	15.85	17.67
DC_66A-n77(3700-3980)A	30	80	649334	217@0	CP_QPSK	16.82	18.64
DC_66A-n77(3700-3980)A	30	80	649334	109@54	CP_QPSK	16.86	18.68
DC_66A-n77(3700-3980)A	30	80	649334	1@1	CP_QPSK	16.86	18.68
DC_66A-n77(3700-3980)A	30	80	649334	1@215	CP_QPSK	16.73	18.55
DC_66A-n77(3700-3980)A	30	80	649334	217@0	CP_16QAM	16.89	18.71
DC_66A-n77(3700-3980)A	30	80	649334	109@54	CP_16QAM	16.85	18.67
DC_66A-n77(3700-3980)A	30	80	649334	1@1	CP_16QAM	17.01	18.83
DC_66A-n77(3700-3980)A	30	80	649334	1@215	CP_16QAM	16.82	18.64
DC_66A-n77(3700-3980)A	30	80	649334	217@0	CP_64QAM	16.75	18.57
DC_66A-n77(3700-3980)A	30	80	649334	109@54	CP_64QAM	16.73	18.55
DC_66A-n77(3700-3980)A	30	80	649334	1@1	CP_64QAM	16.68	18.50
DC_66A-n77(3700-3980)A	30	80	649334	1@215	CP_64QAM	16.62	18.44
DC_66A-n77(3700-3980)A	30	80	649334	217@0	CP_256QAM	13.97	15.79
DC_66A-n77(3700-3980)A	30	80	649334	109@54	CP_256QAM	13.99	15.81
DC_66A-n77(3700-3980)A	30	80	649334	1@1	CP_256QAM	13.91	15.73
DC_66A-n77(3700-3980)A	30	80	649334	1@215	CP_256QAM	13.73	15.55
DC_66A-n77(3700-3980)A	30	80	656000	216@0	DFT_BPSK	17.21	19.03
DC_66A-n77(3700-3980)A	30	80	656000	108@54	DFT_BPSK	17.05	18.87

DC_66A-n77(3700-3980)A	30	80	656000	1@1	DFT_BPSK	17.27	19.09
DC_66A-n77(3700-3980)A	30	80	656000	1@215	DFT_BPSK	17.20	19.02
DC_66A-n77(3700-3980)A	30	80	656000	216@0	DFT_QPSK	17.05	18.87
DC_66A-n77(3700-3980)A	30	80	656000	108@54	DFT_QPSK	17.16	18.98
DC_66A-n77(3700-3980)A	30	80	656000	1@1	DFT_QPSK	17.25	19.07
DC_66A-n77(3700-3980)A	30	80	656000	1@215	DFT_QPSK	17.20	19.02
DC_66A-n77(3700-3980)A	30	80	656000	216@0	DFT_16QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	80	656000	108@54	DFT_16QAM	17.16	18.98
DC_66A-n77(3700-3980)A	30	80	656000	1@1	DFT_16QAM	17.22	19.04
DC_66A-n77(3700-3980)A	30	80	656000	1@215	DFT_16QAM	17.22	19.04
DC_66A-n77(3700-3980)A	30	80	656000	216@0	DFT_64QAM	17.16	18.98
DC_66A-n77(3700-3980)A	30	80	656000	108@54	DFT_64QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	80	656000	1@1	DFT_64QAM	17.05	18.87
DC_66A-n77(3700-3980)A	30	80	656000	1@215	DFT_64QAM	16.98	18.80
DC_66A-n77(3700-3980)A	30	80	656000	216@0	DFT_256QAM	16.72	18.54
DC_66A-n77(3700-3980)A	30	80	656000	108@54	DFT_256QAM	16.63	18.45
DC_66A-n77(3700-3980)A	30	80	656000	1@1	DFT_256QAM	16.60	18.42
DC_66A-n77(3700-3980)A	30	80	656000	1@215	DFT_256QAM	16.53	18.35
DC_66A-n77(3700-3980)A	30	80	656000	217@0	CP_QPSK	17.14	18.96
DC_66A-n77(3700-3980)A	30	80	656000	109@54	CP_QPSK	17.14	18.96
DC_66A-n77(3700-3980)A	30	80	656000	1@1	CP_QPSK	17.30	19.12
DC_66A-n77(3700-3980)A	30	80	656000	1@215	CP_QPSK	17.18	19.00
DC_66A-n77(3700-3980)A	30	80	656000	217@0	CP_16QAM	17.17	18.99
DC_66A-n77(3700-3980)A	30	80	656000	109@54	CP_16QAM	17.27	19.09
DC_66A-n77(3700-3980)A	30	80	656000	1@1	CP_16QAM	17.28	19.10
DC_66A-n77(3700-3980)A	30	80	656000	1@215	CP_16QAM	17.18	19.00
DC_66A-n77(3700-3980)A	30	80	656000	217@0	CP_64QAM	17.17	18.99
DC_66A-n77(3700-3980)A	30	80	656000	109@54	CP_64QAM	17.25	19.07
DC_66A-n77(3700-3980)A	30	80	656000	1@1	CP_64QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	80	656000	1@215	CP_64QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	80	656000	217@0	CP_256QAM	14.43	16.25
DC_66A-n77(3700-3980)A	30	80	656000	109@54	CP_256QAM	14.34	16.16
DC_66A-n77(3700-3980)A	30	80	656000	1@1	CP_256QAM	14.40	16.22
DC_66A-n77(3700-3980)A	30	80	656000	1@215	CP_256QAM	14.30	16.12
DC_66A-n77(3700-3980)A	30	80	662666	216@0	DFT_BPSK	17.43	19.25
DC_66A-n77(3700-3980)A	30	80	662666	108@54	DFT_BPSK	17.37	19.19
DC_66A-n77(3700-3980)A	30	80	662666	1@1	DFT_BPSK	17.23	19.05
DC_66A-n77(3700-3980)A	30	80	662666	1@215	DFT_BPSK	17.36	19.18
DC_66A-n77(3700-3980)A	30	80	662666	216@0	DFT_QPSK	17.44	19.26
DC_66A-n77(3700-3980)A	30	80	662666	108@54	DFT_QPSK	17.36	19.18
DC_66A-n77(3700-3980)A	30	80	662666	1@1	DFT_QPSK	17.34	19.16
DC_66A-n77(3700-3980)A	30	80	662666	1@215	DFT_QPSK	17.32	19.14
DC_66A-n77(3700-3980)A	30	80	662666	216@0	DFT_16QAM	17.32	19.14

DC_66A-n77(3700-3980)A	30	80	662666	108@54	DFT_16QAM	17.29	19.11
DC_66A-n77(3700-3980)A	30	80	662666	1@1	DFT_16QAM	17.48	19.30
DC_66A-n77(3700-3980)A	30	80	662666	1@215	DFT_16QAM	17.48	19.30
DC_66A-n77(3700-3980)A	30	80	662666	216@0	DFT_64QAM	17.30	19.12
DC_66A-n77(3700-3980)A	30	80	662666	108@54	DFT_64QAM	17.45	19.27
DC_66A-n77(3700-3980)A	30	80	662666	1@1	DFT_64QAM	17.28	19.10
DC_66A-n77(3700-3980)A	30	80	662666	1@215	DFT_64QAM	17.30	19.12
DC_66A-n77(3700-3980)A	30	80	662666	216@0	DFT_256QAM	16.85	18.67
DC_66A-n77(3700-3980)A	30	80	662666	108@54	DFT_256QAM	16.76	18.58
DC_66A-n77(3700-3980)A	30	80	662666	1@1	DFT_256QAM	16.62	18.44
DC_66A-n77(3700-3980)A	30	80	662666	1@215	DFT_256QAM	16.59	18.41
DC_66A-n77(3700-3980)A	30	80	662666	217@0	CP_QPSK	17.34	19.16
DC_66A-n77(3700-3980)A	30	80	662666	109@54	CP_QPSK	17.44	19.26
DC_66A-n77(3700-3980)A	30	80	662666	1@1	CP_QPSK	17.27	19.09
DC_66A-n77(3700-3980)A	30	80	662666	1@215	CP_QPSK	17.39	19.21
DC_66A-n77(3700-3980)A	30	80	662666	217@0	CP_16QAM	17.43	19.25
DC_66A-n77(3700-3980)A	30	80	662666	109@54	CP_16QAM	17.44	19.26
DC_66A-n77(3700-3980)A	30	80	662666	1@1	CP_16QAM	17.47	19.29
DC_66A-n77(3700-3980)A	30	80	662666	1@215	CP_16QAM	17.35	19.17
DC_66A-n77(3700-3980)A	30	80	662666	217@0	CP_64QAM	17.43	19.25
DC_66A-n77(3700-3980)A	30	80	662666	109@54	CP_64QAM	17.36	19.18
DC_66A-n77(3700-3980)A	30	80	662666	1@1	CP_64QAM	17.07	18.89
DC_66A-n77(3700-3980)A	30	80	662666	1@215	CP_64QAM	17.41	19.23
DC_66A-n77(3700-3980)A	30	80	662666	217@0	CP_256QAM	14.66	16.48
DC_66A-n77(3700-3980)A	30	80	662666	109@54	CP_256QAM	14.48	16.30
DC_66A-n77(3700-3980)A	30	80	662666	1@1	CP_256QAM	14.46	16.28
DC_66A-n77(3700-3980)A	30	80	662666	1@215	CP_256QAM	14.47	16.29
DC_66A-n77(3700-3980)A	30	100	650000	270@0	DFT_BPSK	16.88	18.70
DC_66A-n77(3700-3980)A	30	100	650000	135@67	DFT_BPSK	16.84	18.66
DC_66A-n77(3700-3980)A	30	100	650000	1@1	DFT_BPSK	16.80	18.62
DC_66A-n77(3700-3980)A	30	100	650000	1@271	DFT_BPSK	16.87	18.69
DC_66A-n77(3700-3980)A	30	100	650000	270@0	DFT_QPSK	16.80	18.62
DC_66A-n77(3700-3980)A	30	100	650000	135@67	DFT_QPSK	16.91	18.73
DC_66A-n77(3700-3980)A	30	100	650000	1@1	DFT_QPSK	16.80	18.62
DC_66A-n77(3700-3980)A	30	100	650000	1@271	DFT_QPSK	16.92	18.74
DC_66A-n77(3700-3980)A	30	100	650000	270@0	DFT_16QAM	16.89	18.71
DC_66A-n77(3700-3980)A	30	100	650000	135@67	DFT_16QAM	17.04	18.86
DC_66A-n77(3700-3980)A	30	100	650000	1@1	DFT_16QAM	16.85	18.67
DC_66A-n77(3700-3980)A	30	100	650000	1@271	DFT_16QAM	16.89	18.71
DC_66A-n77(3700-3980)A	30	100	650000	270@0	DFT_64QAM	16.93	18.75
DC_66A-n77(3700-3980)A	30	100	650000	135@67	DFT_64QAM	16.94	18.76
DC_66A-n77(3700-3980)A	30	100	650000	1@1	DFT_64QAM	16.62	18.44
DC_66A-n77(3700-3980)A	30	100	650000	1@271	DFT_64QAM	16.69	18.51

DC_66A-n77(3700-3980)A	30	100	650000	270@0	DFT_256QAM	16.52	18.34
DC_66A-n77(3700-3980)A	30	100	650000	135@67	DFT_256QAM	16.30	18.12
DC_66A-n77(3700-3980)A	30	100	650000	1@1	DFT_256QAM	16.10	17.92
DC_66A-n77(3700-3980)A	30	100	650000	1@271	DFT_256QAM	16.17	17.99
DC_66A-n77(3700-3980)A	30	100	650000	273@0	CP_QPSK	16.98	18.80
DC_66A-n77(3700-3980)A	30	100	650000	137@68	CP_QPSK	16.97	18.79
DC_66A-n77(3700-3980)A	30	100	650000	1@1	CP_QPSK	16.89	18.71
DC_66A-n77(3700-3980)A	30	100	650000	1@271	CP_QPSK	16.84	18.66
DC_66A-n77(3700-3980)A	30	100	650000	273@0	CP_16QAM	16.97	18.79
DC_66A-n77(3700-3980)A	30	100	650000	137@68	CP_16QAM	16.87	18.69
DC_66A-n77(3700-3980)A	30	100	650000	1@1	CP_16QAM	16.89	18.71
DC_66A-n77(3700-3980)A	30	100	650000	1@271	CP_16QAM	17.00	18.82
DC_66A-n77(3700-3980)A	30	100	650000	273@0	CP_64QAM	16.95	18.77
DC_66A-n77(3700-3980)A	30	100	650000	137@68	CP_64QAM	16.88	18.70
DC_66A-n77(3700-3980)A	30	100	650000	1@1	CP_64QAM	16.88	18.70
DC_66A-n77(3700-3980)A	30	100	650000	1@271	CP_64QAM	16.88	18.70
DC_66A-n77(3700-3980)A	30	100	650000	273@0	CP_256QAM	14.09	15.91
DC_66A-n77(3700-3980)A	30	100	650000	137@68	CP_256QAM	14.14	15.96
DC_66A-n77(3700-3980)A	30	100	650000	1@1	CP_256QAM	14.03	15.85
DC_66A-n77(3700-3980)A	30	100	650000	1@271	CP_256QAM	13.99	15.81
DC_66A-n77(3700-3980)A	30	100	656000	270@0	DFT_BPSK	17.20	19.02
DC_66A-n77(3700-3980)A	30	100	656000	135@67	DFT_BPSK	17.14	18.96
DC_66A-n77(3700-3980)A	30	100	656000	1@1	DFT_BPSK	17.23	19.05
DC_66A-n77(3700-3980)A	30	100	656000	1@271	DFT_BPSK	17.28	19.10
DC_66A-n77(3700-3980)A	30	100	656000	270@0	DFT_QPSK	17.19	19.01
DC_66A-n77(3700-3980)A	30	100	656000	135@67	DFT_QPSK	17.16	18.98
DC_66A-n77(3700-3980)A	30	100	656000	1@1	DFT_QPSK	17.18	19.00
DC_66A-n77(3700-3980)A	30	100	656000	1@271	DFT_QPSK	17.30	19.12
DC_66A-n77(3700-3980)A	30	100	656000	270@0	DFT_16QAM	17.22	19.04
DC_66A-n77(3700-3980)A	30	100	656000	135@67	DFT_16QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	100	656000	1@1	DFT_16QAM	17.46	19.28
DC_66A-n77(3700-3980)A	30	100	656000	1@271	DFT_16QAM	17.39	19.21
DC_66A-n77(3700-3980)A	30	100	656000	270@0	DFT_64QAM	17.17	18.99
DC_66A-n77(3700-3980)A	30	100	656000	135@67	DFT_64QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	100	656000	1@1	DFT_64QAM	17.10	18.92
DC_66A-n77(3700-3980)A	30	100	656000	1@271	DFT_64QAM	17.19	19.01
DC_66A-n77(3700-3980)A	30	100	656000	270@0	DFT_256QAM	16.66	18.48
DC_66A-n77(3700-3980)A	30	100	656000	135@67	DFT_256QAM	16.66	18.48
DC_66A-n77(3700-3980)A	30	100	656000	1@1	DFT_256QAM	16.48	18.30
DC_66A-n77(3700-3980)A	30	100	656000	1@271	DFT_256QAM	16.52	18.34
DC_66A-n77(3700-3980)A	30	100	656000	273@0	CP_QPSK	17.19	19.01
DC_66A-n77(3700-3980)A	30	100	656000	137@68	CP_QPSK	17.12	18.94
DC_66A-n77(3700-3980)A	30	100	656000	1@1	CP_QPSK	17.38	19.20

DC_66A-n77(3700-3980)A	30	100	656000	1@271	CP_QPSK	17.27	19.09
DC_66A-n77(3700-3980)A	30	100	656000	273@0	CP_16QAM	17.14	18.96
DC_66A-n77(3700-3980)A	30	100	656000	137@68	CP_16QAM	17.12	18.94
DC_66A-n77(3700-3980)A	30	100	656000	1@1	CP_16QAM	17.19	19.01
DC_66A-n77(3700-3980)A	30	100	656000	1@271	CP_16QAM	17.23	19.05
DC_66A-n77(3700-3980)A	30	100	656000	273@0	CP_64QAM	17.04	18.86
DC_66A-n77(3700-3980)A	30	100	656000	137@68	CP_64QAM	17.17	18.99
DC_66A-n77(3700-3980)A	30	100	656000	1@1	CP_64QAM	17.26	19.08
DC_66A-n77(3700-3980)A	30	100	656000	1@271	CP_64QAM	17.38	19.20
DC_66A-n77(3700-3980)A	30	100	656000	273@0	CP_256QAM	14.43	16.25
DC_66A-n77(3700-3980)A	30	100	656000	137@68	CP_256QAM	14.40	16.22
DC_66A-n77(3700-3980)A	30	100	656000	1@1	CP_256QAM	14.35	16.17
DC_66A-n77(3700-3980)A	30	100	656000	1@271	CP_256QAM	14.39	16.21
DC_66A-n77(3700-3980)A	30	100	662000	270@0	DFT_BPSK	17.50	19.32
DC_66A-n77(3700-3980)A	30	100	662000	135@67	DFT_BPSK	17.44	19.26
DC_66A-n77(3700-3980)A	30	100	662000	1@1	DFT_BPSK	17.26	19.08
DC_66A-n77(3700-3980)A	30	100	662000	1@271	DFT_BPSK	17.72	19.54
DC_66A-n77(3700-3980)A	30	100	662000	270@0	DFT_QPSK	17.34	19.16
DC_66A-n77(3700-3980)A	30	100	662000	135@67	DFT_QPSK	17.53	19.35
DC_66A-n77(3700-3980)A	30	100	662000	1@1	DFT_QPSK	17.32	19.14
DC_66A-n77(3700-3980)A	30	100	662000	1@271	DFT_QPSK	17.66	19.48
DC_66A-n77(3700-3980)A	30	100	662000	270@0	DFT_16QAM	17.55	19.37
DC_66A-n77(3700-3980)A	30	100	662000	135@67	DFT_16QAM	17.42	19.24
DC_66A-n77(3700-3980)A	30	100	662000	1@1	DFT_16QAM	17.26	19.08
DC_66A-n77(3700-3980)A	30	100	662000	1@271	DFT_16QAM	17.73	19.55
DC_66A-n77(3700-3980)A	30	100	662000	270@0	DFT_64QAM	17.50	19.32
DC_66A-n77(3700-3980)A	30	100	662000	135@67	DFT_64QAM	17.47	19.29
DC_66A-n77(3700-3980)A	30	100	662000	1@1	DFT_64QAM	17.12	18.94
DC_66A-n77(3700-3980)A	30	100	662000	1@271	DFT_64QAM	17.51	19.33
DC_66A-n77(3700-3980)A	30	100	662000	270@0	DFT_256QAM	17.02	18.84
DC_66A-n77(3700-3980)A	30	100	662000	135@67	DFT_256QAM	16.96	18.78
DC_66A-n77(3700-3980)A	30	100	662000	1@1	DFT_256QAM	16.55	18.37
DC_66A-n77(3700-3980)A	30	100	662000	1@271	DFT_256QAM	17.01	18.83
DC_66A-n77(3700-3980)A	30	100	662000	273@0	CP_QPSK	17.55	19.37
DC_66A-n77(3700-3980)A	30	100	662000	137@68	CP_QPSK	17.55	19.37
DC_66A-n77(3700-3980)A	30	100	662000	1@1	CP_QPSK	17.34	19.16
DC_66A-n77(3700-3980)A	30	100	662000	1@271	CP_QPSK	17.61	19.43
DC_66A-n77(3700-3980)A	30	100	662000	273@0	CP_16QAM	17.55	19.37
DC_66A-n77(3700-3980)A	30	100	662000	137@68	CP_16QAM	17.55	19.37
DC_66A-n77(3700-3980)A	30	100	662000	1@1	CP_16QAM	17.39	19.21
DC_66A-n77(3700-3980)A	30	100	662000	1@271	CP_16QAM	17.73	19.55
DC_66A-n77(3700-3980)A	30	100	662000	273@0	CP_64QAM	17.44	19.26
DC_66A-n77(3700-3980)A	30	100	662000	137@68	CP_64QAM	17.54	19.36

DC_66A-n77(3700-3980)A	30	100	662000	1@1	CP_64QAM	17.27	19.09
DC_66A-n77(3700-3980)A	30	100	662000	1@271	CP_64QAM	17.80	19.62
DC_66A-n77(3700-3980)A	30	100	662000	273@0	CP_256QAM	14.75	16.57
DC_66A-n77(3700-3980)A	30	100	662000	137@68	CP_256QAM	14.74	16.56
DC_66A-n77(3700-3980)A	30	100	662000	1@1	CP_256QAM	14.34	16.16
DC_66A-n77(3700-3980)A	30	100	662000	1@271	CP_256QAM	14.65	16.47

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)
DC_2A-n78(3700-3800)A	30	20	647334	50@0	DFT_BPSK	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	647334	25@12	DFT_BPSK	17.17	18.99
DC_2A-n78(3700-3800)A	30	20	647334	1@1	DFT_BPSK	17.12	18.94
DC_2A-n78(3700-3800)A	30	20	647334	1@49	DFT_BPSK	17.21	19.03
DC_2A-n78(3700-3800)A	30	20	647334	50@0	DFT_QPSK	17.17	18.99
DC_2A-n78(3700-3800)A	30	20	647334	25@12	DFT_QPSK	17.13	18.95
DC_2A-n78(3700-3800)A	30	20	647334	1@1	DFT_QPSK	17.01	18.83
DC_2A-n78(3700-3800)A	30	20	647334	1@49	DFT_QPSK	17.11	18.93
DC_2A-n78(3700-3800)A	30	20	647334	50@0	DFT_16QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	20	647334	25@12	DFT_16QAM	16.98	18.80
DC_2A-n78(3700-3800)A	30	20	647334	1@1	DFT_16QAM	17.11	18.93
DC_2A-n78(3700-3800)A	30	20	647334	1@49	DFT_16QAM	17.34	19.16
DC_2A-n78(3700-3800)A	30	20	647334	50@0	DFT_64QAM	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	647334	25@12	DFT_64QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	20	647334	1@1	DFT_64QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	20	647334	1@49	DFT_64QAM	17.01	18.83
DC_2A-n78(3700-3800)A	30	20	647334	50@0	DFT_256QAM	16.63	18.45
DC_2A-n78(3700-3800)A	30	20	647334	25@12	DFT_256QAM	16.50	18.32
DC_2A-n78(3700-3800)A	30	20	647334	1@1	DFT_256QAM	16.41	18.23
DC_2A-n78(3700-3800)A	30	20	647334	1@49	DFT_256QAM	16.47	18.29
DC_2A-n78(3700-3800)A	30	20	647334	51@0	CP_QPSK	17.03	18.85
DC_2A-n78(3700-3800)A	30	20	647334	25@12	CP_QPSK	16.98	18.80
DC_2A-n78(3700-3800)A	30	20	647334	1@1	CP_QPSK	17.07	18.89
DC_2A-n78(3700-3800)A	30	20	647334	1@49	CP_QPSK	17.32	19.14
DC_2A-n78(3700-3800)A	30	20	647334	51@0	CP_16QAM	17.19	19.01
DC_2A-n78(3700-3800)A	30	20	647334	25@12	CP_16QAM	17.17	18.99
DC_2A-n78(3700-3800)A	30	20	647334	1@1	CP_16QAM	17.17	18.99
DC_2A-n78(3700-3800)A	30	20	647334	1@49	CP_16QAM	17.19	19.01
DC_2A-n78(3700-3800)A	30	20	647334	51@0	CP_64QAM	17.10	18.92
DC_2A-n78(3700-3800)A	30	20	647334	25@12	CP_64QAM	17.13	18.95
DC_2A-n78(3700-3800)A	30	20	647334	1@1	CP_64QAM	17.25	19.07
DC_2A-n78(3700-3800)A	30	20	647334	1@49	CP_64QAM	17.17	18.99
DC_2A-n78(3700-3800)A	30	20	647334	51@0	CP_256QAM	14.23	16.05
DC_2A-n78(3700-3800)A	30	20	647334	25@12	CP_256QAM	14.17	15.99

DC_2A-n78(3700-3800)A	30	20	647334	1@1	CP_256QAM	14.03	15.85
DC_2A-n78(3700-3800)A	30	20	647334	1@49	CP_256QAM	13.96	15.78
DC_2A-n78(3700-3800)A	30	20	650000	50@0	DFT_BPSK	17.18	19.00
DC_2A-n78(3700-3800)A	30	20	650000	25@12	DFT_BPSK	17.17	18.99
DC_2A-n78(3700-3800)A	30	20	650000	1@1	DFT_BPSK	17.32	19.14
DC_2A-n78(3700-3800)A	30	20	650000	1@49	DFT_BPSK	17.11	18.93
DC_2A-n78(3700-3800)A	30	20	650000	50@0	DFT_QPSK	17.18	19.00
DC_2A-n78(3700-3800)A	30	20	650000	25@12	DFT_QPSK	17.01	18.83
DC_2A-n78(3700-3800)A	30	20	650000	1@1	DFT_QPSK	17.30	19.12
DC_2A-n78(3700-3800)A	30	20	650000	1@49	DFT_QPSK	17.10	18.92
DC_2A-n78(3700-3800)A	30	20	650000	50@0	DFT_16QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	20	650000	25@12	DFT_16QAM	17.18	19.00
DC_2A-n78(3700-3800)A	30	20	650000	1@1	DFT_16QAM	17.51	19.33
DC_2A-n78(3700-3800)A	30	20	650000	1@49	DFT_16QAM	17.23	19.05
DC_2A-n78(3700-3800)A	30	20	650000	50@0	DFT_64QAM	17.16	18.98
DC_2A-n78(3700-3800)A	30	20	650000	25@12	DFT_64QAM	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	650000	1@1	DFT_64QAM	17.30	19.12
DC_2A-n78(3700-3800)A	30	20	650000	1@49	DFT_64QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	20	650000	50@0	DFT_256QAM	16.59	18.41
DC_2A-n78(3700-3800)A	30	20	650000	25@12	DFT_256QAM	16.67	18.49
DC_2A-n78(3700-3800)A	30	20	650000	1@1	DFT_256QAM	16.48	18.30
DC_2A-n78(3700-3800)A	30	20	650000	1@49	DFT_256QAM	16.37	18.19
DC_2A-n78(3700-3800)A	30	20	650000	51@0	CP_QPSK	17.13	18.95
DC_2A-n78(3700-3800)A	30	20	650000	25@12	CP_QPSK	17.12	18.94
DC_2A-n78(3700-3800)A	30	20	650000	1@1	CP_QPSK	17.48	19.30
DC_2A-n78(3700-3800)A	30	20	650000	1@49	CP_QPSK	17.18	19.00
DC_2A-n78(3700-3800)A	30	20	650000	51@0	CP_16QAM	17.09	18.91
DC_2A-n78(3700-3800)A	30	20	650000	25@12	CP_16QAM	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	650000	1@1	CP_16QAM	17.39	19.21
DC_2A-n78(3700-3800)A	30	20	650000	1@49	CP_16QAM	17.26	19.08
DC_2A-n78(3700-3800)A	30	20	650000	51@0	CP_64QAM	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	650000	25@12	CP_64QAM	17.21	19.03
DC_2A-n78(3700-3800)A	30	20	650000	1@1	CP_64QAM	17.39	19.21
DC_2A-n78(3700-3800)A	30	20	650000	1@49	CP_64QAM	17.10	18.92
DC_2A-n78(3700-3800)A	30	20	650000	51@0	CP_256QAM	14.29	16.11
DC_2A-n78(3700-3800)A	30	20	650000	25@12	CP_256QAM	14.24	16.06
DC_2A-n78(3700-3800)A	30	20	650000	1@1	CP_256QAM	14.27	16.09
DC_2A-n78(3700-3800)A	30	20	650000	1@49	CP_256QAM	14.08	15.90
DC_2A-n78(3700-3800)A	30	20	652666	50@0	DFT_BPSK	17.13	18.95
DC_2A-n78(3700-3800)A	30	20	652666	25@12	DFT_BPSK	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	652666	1@1	DFT_BPSK	17.32	19.14
DC_2A-n78(3700-3800)A	30	20	652666	1@49	DFT_BPSK	17.07	18.89
DC_2A-n78(3700-3800)A	30	20	652666	50@0	DFT_QPSK	17.07	18.89

DC_2A-n78(3700-3800)A	30	20	652666	25@12	DFT_QPSK	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	652666	1@1	DFT_QPSK	17.28	19.10
DC_2A-n78(3700-3800)A	30	20	652666	1@49	DFT_QPSK	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	652666	50@0	DFT_16QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	20	652666	25@12	DFT_16QAM	17.13	18.95
DC_2A-n78(3700-3800)A	30	20	652666	1@1	DFT_16QAM	17.29	19.11
DC_2A-n78(3700-3800)A	30	20	652666	1@49	DFT_16QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	20	652666	50@0	DFT_64QAM	17.17	18.99
DC_2A-n78(3700-3800)A	30	20	652666	25@12	DFT_64QAM	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	652666	1@1	DFT_64QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	20	652666	1@49	DFT_64QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	20	652666	50@0	DFT_256QAM	16.51	18.33
DC_2A-n78(3700-3800)A	30	20	652666	25@12	DFT_256QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	20	652666	1@1	DFT_256QAM	16.50	18.32
DC_2A-n78(3700-3800)A	30	20	652666	1@49	DFT_256QAM	16.11	17.93
DC_2A-n78(3700-3800)A	30	20	652666	51@0	CP_QPSK	17.16	18.98
DC_2A-n78(3700-3800)A	30	20	652666	25@12	CP_QPSK	17.12	18.94
DC_2A-n78(3700-3800)A	30	20	652666	1@1	CP_QPSK	17.17	18.99
DC_2A-n78(3700-3800)A	30	20	652666	1@49	CP_QPSK	16.97	18.79
DC_2A-n78(3700-3800)A	30	20	652666	51@0	CP_16QAM	17.14	18.96
DC_2A-n78(3700-3800)A	30	20	652666	25@12	CP_16QAM	17.18	19.00
DC_2A-n78(3700-3800)A	30	20	652666	1@1	CP_16QAM	17.18	19.00
DC_2A-n78(3700-3800)A	30	20	652666	1@49	CP_16QAM	17.02	18.84
DC_2A-n78(3700-3800)A	30	20	652666	51@0	CP_64QAM	17.02	18.84
DC_2A-n78(3700-3800)A	30	20	652666	25@12	CP_64QAM	17.18	19.00
DC_2A-n78(3700-3800)A	30	20	652666	1@1	CP_64QAM	17.22	19.04
DC_2A-n78(3700-3800)A	30	20	652666	1@49	CP_64QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	20	652666	51@0	CP_256QAM	14.39	16.21
DC_2A-n78(3700-3800)A	30	20	652666	25@12	CP_256QAM	14.39	16.21
DC_2A-n78(3700-3800)A	30	20	652666	1@1	CP_256QAM	14.14	15.96
DC_2A-n78(3700-3800)A	30	20	652666	1@49	CP_256QAM	14.12	15.94
DC_2A-n78(3700-3800)A	30	30	647668	75@0	DFT_BPSK	16.87	18.69
DC_2A-n78(3700-3800)A	30	30	647668	36@18	DFT_BPSK	16.67	18.49
DC_2A-n78(3700-3800)A	30	30	647668	1@1	DFT_BPSK	16.57	18.39
DC_2A-n78(3700-3800)A	30	30	647668	1@76	DFT_BPSK	16.79	18.61
DC_2A-n78(3700-3800)A	30	30	647668	75@0	DFT_QPSK	16.79	18.61
DC_2A-n78(3700-3800)A	30	30	647668	36@18	DFT_QPSK	16.75	18.57
DC_2A-n78(3700-3800)A	30	30	647668	1@1	DFT_QPSK	16.63	18.45
DC_2A-n78(3700-3800)A	30	30	647668	1@76	DFT_QPSK	16.92	18.74
DC_2A-n78(3700-3800)A	30	30	647668	75@0	DFT_16QAM	16.79	18.61
DC_2A-n78(3700-3800)A	30	30	647668	36@18	DFT_16QAM	16.61	18.43
DC_2A-n78(3700-3800)A	30	30	647668	1@1	DFT_16QAM	16.69	18.51
DC_2A-n78(3700-3800)A	30	30	647668	1@76	DFT_16QAM	17.01	18.83

DC_2A-n78(3700-3800)A	30	30	647668	75@0	DFT_64QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	30	647668	36@18	DFT_64QAM	16.72	18.54
DC_2A-n78(3700-3800)A	30	30	647668	1@1	DFT_64QAM	16.29	18.11
DC_2A-n78(3700-3800)A	30	30	647668	1@76	DFT_64QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	30	647668	75@0	DFT_256QAM	16.14	17.96
DC_2A-n78(3700-3800)A	30	30	647668	36@18	DFT_256QAM	16.17	17.99
DC_2A-n78(3700-3800)A	30	30	647668	1@1	DFT_256QAM	15.81	17.63
DC_2A-n78(3700-3800)A	30	30	647668	1@76	DFT_256QAM	16.07	17.89
DC_2A-n78(3700-3800)A	30	30	647668	78@0	CP_QPSK	16.75	18.57
DC_2A-n78(3700-3800)A	30	30	647668	39@19	CP_QPSK	16.75	18.57
DC_2A-n78(3700-3800)A	30	30	647668	1@1	CP_QPSK	16.61	18.43
DC_2A-n78(3700-3800)A	30	30	647668	1@76	CP_QPSK	16.98	18.80
DC_2A-n78(3700-3800)A	30	30	647668	78@0	CP_16QAM	16.79	18.61
DC_2A-n78(3700-3800)A	30	30	647668	39@19	CP_16QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	30	647668	1@1	CP_16QAM	16.76	18.58
DC_2A-n78(3700-3800)A	30	30	647668	1@76	CP_16QAM	17.02	18.84
DC_2A-n78(3700-3800)A	30	30	647668	78@0	CP_64QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	30	647668	39@19	CP_64QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	30	647668	1@1	CP_64QAM	16.64	18.46
DC_2A-n78(3700-3800)A	30	30	647668	1@76	CP_64QAM	16.95	18.77
DC_2A-n78(3700-3800)A	30	30	647668	78@0	CP_256QAM	13.86	15.68
DC_2A-n78(3700-3800)A	30	30	647668	39@19	CP_256QAM	13.94	15.76
DC_2A-n78(3700-3800)A	30	30	647668	1@1	CP_256QAM	13.34	15.16
DC_2A-n78(3700-3800)A	30	30	647668	1@76	CP_256QAM	13.60	15.42
DC_2A-n78(3700-3800)A	30	30	650000	75@0	DFT_BPSK	16.86	18.68
DC_2A-n78(3700-3800)A	30	30	650000	36@18	DFT_BPSK	16.76	18.58
DC_2A-n78(3700-3800)A	30	30	650000	1@1	DFT_BPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	30	650000	1@76	DFT_BPSK	16.68	18.50
DC_2A-n78(3700-3800)A	30	30	650000	75@0	DFT_QPSK	16.88	18.70
DC_2A-n78(3700-3800)A	30	30	650000	36@18	DFT_QPSK	16.78	18.60
DC_2A-n78(3700-3800)A	30	30	650000	1@1	DFT_QPSK	16.80	18.62
DC_2A-n78(3700-3800)A	30	30	650000	1@76	DFT_QPSK	16.71	18.53
DC_2A-n78(3700-3800)A	30	30	650000	75@0	DFT_16QAM	16.85	18.67
DC_2A-n78(3700-3800)A	30	30	650000	36@18	DFT_16QAM	16.80	18.62
DC_2A-n78(3700-3800)A	30	30	650000	1@1	DFT_16QAM	16.95	18.77
DC_2A-n78(3700-3800)A	30	30	650000	1@76	DFT_16QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	30	650000	75@0	DFT_64QAM	16.79	18.61
DC_2A-n78(3700-3800)A	30	30	650000	36@18	DFT_64QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	30	650000	1@1	DFT_64QAM	16.63	18.45
DC_2A-n78(3700-3800)A	30	30	650000	1@76	DFT_64QAM	16.59	18.41
DC_2A-n78(3700-3800)A	30	30	650000	75@0	DFT_256QAM	16.20	18.02
DC_2A-n78(3700-3800)A	30	30	650000	36@18	DFT_256QAM	16.14	17.96
DC_2A-n78(3700-3800)A	30	30	650000	1@1	DFT_256QAM	16.03	17.85

DC_2A-n78(3700-3800)A	30	30	650000	1@76	DFT_256QAM	15.97	17.79
DC_2A-n78(3700-3800)A	30	30	650000	78@0	CP_QPSK	16.64	18.46
DC_2A-n78(3700-3800)A	30	30	650000	39@19	CP_QPSK	16.73	18.55
DC_2A-n78(3700-3800)A	30	30	650000	1@1	CP_QPSK	16.82	18.64
DC_2A-n78(3700-3800)A	30	30	650000	1@76	CP_QPSK	16.57	18.39
DC_2A-n78(3700-3800)A	30	30	650000	78@0	CP_16QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	30	650000	39@19	CP_16QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	30	650000	1@1	CP_16QAM	16.79	18.61
DC_2A-n78(3700-3800)A	30	30	650000	1@76	CP_16QAM	16.64	18.46
DC_2A-n78(3700-3800)A	30	30	650000	78@0	CP_64QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	30	650000	39@19	CP_64QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	30	650000	1@1	CP_64QAM	16.93	18.75
DC_2A-n78(3700-3800)A	30	30	650000	1@76	CP_64QAM	16.63	18.45
DC_2A-n78(3700-3800)A	30	30	650000	78@0	CP_256QAM	14.03	15.85
DC_2A-n78(3700-3800)A	30	30	650000	39@19	CP_256QAM	13.99	15.81
DC_2A-n78(3700-3800)A	30	30	650000	1@1	CP_256QAM	13.78	15.60
DC_2A-n78(3700-3800)A	30	30	650000	1@76	CP_256QAM	13.61	15.43
DC_2A-n78(3700-3800)A	30	30	652332	75@0	DFT_BPSK	17.11	18.93
DC_2A-n78(3700-3800)A	30	30	652332	36@18	DFT_BPSK	17.14	18.96
DC_2A-n78(3700-3800)A	30	30	652332	1@1	DFT_BPSK	17.16	18.98
DC_2A-n78(3700-3800)A	30	30	652332	1@76	DFT_BPSK	16.96	18.78
DC_2A-n78(3700-3800)A	30	30	652332	75@0	DFT_QPSK	17.14	18.96
DC_2A-n78(3700-3800)A	30	30	652332	36@18	DFT_QPSK	17.11	18.93
DC_2A-n78(3700-3800)A	30	30	652332	1@1	DFT_QPSK	17.18	19.00
DC_2A-n78(3700-3800)A	30	30	652332	1@76	DFT_QPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	30	652332	75@0	DFT_16QAM	17.12	18.94
DC_2A-n78(3700-3800)A	30	30	652332	36@18	DFT_16QAM	17.17	18.99
DC_2A-n78(3700-3800)A	30	30	652332	1@1	DFT_16QAM	17.29	19.11
DC_2A-n78(3700-3800)A	30	30	652332	1@76	DFT_16QAM	17.04	18.86
DC_2A-n78(3700-3800)A	30	30	652332	75@0	DFT_64QAM	17.18	19.00
DC_2A-n78(3700-3800)A	30	30	652332	36@18	DFT_64QAM	17.23	19.05
DC_2A-n78(3700-3800)A	30	30	652332	1@1	DFT_64QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	30	652332	1@76	DFT_64QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	30	652332	75@0	DFT_256QAM	16.69	18.51
DC_2A-n78(3700-3800)A	30	30	652332	36@18	DFT_256QAM	16.61	18.43
DC_2A-n78(3700-3800)A	30	30	652332	1@1	DFT_256QAM	16.35	18.17
DC_2A-n78(3700-3800)A	30	30	652332	1@76	DFT_256QAM	16.26	18.08
DC_2A-n78(3700-3800)A	30	30	652332	78@0	CP_QPSK	17.07	18.89
DC_2A-n78(3700-3800)A	30	30	652332	39@19	CP_QPSK	17.02	18.84
DC_2A-n78(3700-3800)A	30	30	652332	1@1	CP_QPSK	17.17	18.99
DC_2A-n78(3700-3800)A	30	30	652332	1@76	CP_QPSK	17.00	18.82
DC_2A-n78(3700-3800)A	30	30	652332	78@0	CP_16QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	30	652332	39@19	CP_16QAM	17.13	18.95

DC_2A-n78(3700-3800)A	30	30	652332	1@1	CP_16QAM	17.12	18.94
DC_2A-n78(3700-3800)A	30	30	652332	1@76	CP_16QAM	16.93	18.75
DC_2A-n78(3700-3800)A	30	30	652332	78@0	CP_64QAM	17.14	18.96
DC_2A-n78(3700-3800)A	30	30	652332	39@19	CP_64QAM	17.25	19.07
DC_2A-n78(3700-3800)A	30	30	652332	1@1	CP_64QAM	17.27	19.09
DC_2A-n78(3700-3800)A	30	30	652332	1@76	CP_64QAM	16.98	18.80
DC_2A-n78(3700-3800)A	30	30	652332	78@0	CP_256QAM	14.46	16.28
DC_2A-n78(3700-3800)A	30	30	652332	39@19	CP_256QAM	14.39	16.21
DC_2A-n78(3700-3800)A	30	30	652332	1@1	CP_256QAM	14.13	15.95
DC_2A-n78(3700-3800)A	30	30	652332	1@76	CP_256QAM	13.98	15.80
DC_2A-n78(3700-3800)A	30	40	648000	100@0	DFT_BPSK	17.00	18.82
DC_2A-n78(3700-3800)A	30	40	648000	50@25	DFT_BPSK	17.04	18.86
DC_2A-n78(3700-3800)A	30	40	648000	1@1	DFT_BPSK	16.85	18.67
DC_2A-n78(3700-3800)A	30	40	648000	1@104	DFT_BPSK	16.87	18.69
DC_2A-n78(3700-3800)A	30	40	648000	100@0	DFT_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	40	648000	50@25	DFT_QPSK	16.96	18.78
DC_2A-n78(3700-3800)A	30	40	648000	1@1	DFT_QPSK	16.91	18.73
DC_2A-n78(3700-3800)A	30	40	648000	1@104	DFT_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	40	648000	100@0	DFT_16QAM	16.95	18.77
DC_2A-n78(3700-3800)A	30	40	648000	50@25	DFT_16QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	40	648000	1@1	DFT_16QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	40	648000	1@104	DFT_16QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	40	648000	100@0	DFT_64QAM	16.80	18.62
DC_2A-n78(3700-3800)A	30	40	648000	50@25	DFT_64QAM	16.98	18.80
DC_2A-n78(3700-3800)A	30	40	648000	1@1	DFT_64QAM	16.68	18.50
DC_2A-n78(3700-3800)A	30	40	648000	1@104	DFT_64QAM	16.67	18.49
DC_2A-n78(3700-3800)A	30	40	648000	100@0	DFT_256QAM	16.37	18.19
DC_2A-n78(3700-3800)A	30	40	648000	50@25	DFT_256QAM	16.55	18.37
DC_2A-n78(3700-3800)A	30	40	648000	1@1	DFT_256QAM	16.14	17.96
DC_2A-n78(3700-3800)A	30	40	648000	1@104	DFT_256QAM	16.09	17.91
DC_2A-n78(3700-3800)A	30	40	648000	106@0	CP_QPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	40	648000	53@26	CP_QPSK	17.01	18.83
DC_2A-n78(3700-3800)A	30	40	648000	1@1	CP_QPSK	16.91	18.73
DC_2A-n78(3700-3800)A	30	40	648000	1@104	CP_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	40	648000	106@0	CP_16QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	40	648000	53@26	CP_16QAM	16.85	18.67
DC_2A-n78(3700-3800)A	30	40	648000	1@1	CP_16QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	40	648000	1@104	CP_16QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	40	648000	106@0	CP_64QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	40	648000	53@26	CP_64QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	40	648000	1@1	CP_64QAM	17.02	18.84
DC_2A-n78(3700-3800)A	30	40	648000	1@104	CP_64QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	40	648000	106@0	CP_256QAM	14.07	15.89

DC_2A-n78(3700-3800)A	30	40	648000	53@26	CP_256QAM	14.20	16.02
DC_2A-n78(3700-3800)A	30	40	648000	1@1	CP_256QAM	13.96	15.78
DC_2A-n78(3700-3800)A	30	40	648000	1@104	CP_256QAM	13.96	15.78
DC_2A-n78(3700-3800)A	30	40	650000	100@0	DFT_BPSK	16.82	18.64
DC_2A-n78(3700-3800)A	30	40	650000	50@25	DFT_BPSK	16.82	18.64
DC_2A-n78(3700-3800)A	30	40	650000	1@1	DFT_BPSK	16.84	18.66
DC_2A-n78(3700-3800)A	30	40	650000	1@104	DFT_BPSK	16.64	18.46
DC_2A-n78(3700-3800)A	30	40	650000	100@0	DFT_QPSK	16.84	18.66
DC_2A-n78(3700-3800)A	30	40	650000	50@25	DFT_QPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	40	650000	1@1	DFT_QPSK	16.87	18.69
DC_2A-n78(3700-3800)A	30	40	650000	1@104	DFT_QPSK	16.69	18.51
DC_2A-n78(3700-3800)A	30	40	650000	100@0	DFT_16QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	40	650000	50@25	DFT_16QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	40	650000	1@1	DFT_16QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	40	650000	1@104	DFT_16QAM	16.78	18.60
DC_2A-n78(3700-3800)A	30	40	650000	100@0	DFT_64QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	40	650000	50@25	DFT_64QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	40	650000	1@1	DFT_64QAM	16.77	18.59
DC_2A-n78(3700-3800)A	30	40	650000	1@104	DFT_64QAM	16.55	18.37
DC_2A-n78(3700-3800)A	30	40	650000	100@0	DFT_256QAM	16.23	18.05
DC_2A-n78(3700-3800)A	30	40	650000	50@25	DFT_256QAM	16.37	18.19
DC_2A-n78(3700-3800)A	30	40	650000	1@1	DFT_256QAM	16.10	17.92
DC_2A-n78(3700-3800)A	30	40	650000	1@104	DFT_256QAM	16.04	17.86
DC_2A-n78(3700-3800)A	30	40	650000	106@0	CP_QPSK	16.82	18.64
DC_2A-n78(3700-3800)A	30	40	650000	53@26	CP_QPSK	16.80	18.62
DC_2A-n78(3700-3800)A	30	40	650000	1@1	CP_QPSK	16.98	18.80
DC_2A-n78(3700-3800)A	30	40	650000	1@104	CP_QPSK	16.75	18.57
DC_2A-n78(3700-3800)A	30	40	650000	106@0	CP_16QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	40	650000	53@26	CP_16QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	40	650000	1@1	CP_16QAM	16.98	18.80
DC_2A-n78(3700-3800)A	30	40	650000	1@104	CP_16QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	40	650000	106@0	CP_64QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	40	650000	53@26	CP_64QAM	16.76	18.58
DC_2A-n78(3700-3800)A	30	40	650000	1@1	CP_64QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	40	650000	1@104	CP_64QAM	16.68	18.50
DC_2A-n78(3700-3800)A	30	40	650000	106@0	CP_256QAM	14.07	15.89
DC_2A-n78(3700-3800)A	30	40	650000	53@26	CP_256QAM	14.12	15.94
DC_2A-n78(3700-3800)A	30	40	650000	1@1	CP_256QAM	13.78	15.60
DC_2A-n78(3700-3800)A	30	40	650000	1@104	CP_256QAM	13.83	15.65
DC_2A-n78(3700-3800)A	30	40	652000	100@0	DFT_BPSK	16.69	18.51
DC_2A-n78(3700-3800)A	30	40	652000	50@25	DFT_BPSK	16.66	18.48
DC_2A-n78(3700-3800)A	30	40	652000	1@1	DFT_BPSK	16.66	18.48
DC_2A-n78(3700-3800)A	30	40	652000	1@104	DFT_BPSK	16.53	18.35

DC_2A-n78(3700-3800)A	30	40	652000	100@0	DFT_QPSK	16.57	18.39
DC_2A-n78(3700-3800)A	30	40	652000	50@25	DFT_QPSK	16.51	18.33
DC_2A-n78(3700-3800)A	30	40	652000	1@1	DFT_QPSK	16.62	18.44
DC_2A-n78(3700-3800)A	30	40	652000	1@104	DFT_QPSK	16.57	18.39
DC_2A-n78(3700-3800)A	30	40	652000	100@0	DFT_16QAM	16.67	18.49
DC_2A-n78(3700-3800)A	30	40	652000	50@25	DFT_16QAM	16.72	18.54
DC_2A-n78(3700-3800)A	30	40	652000	1@1	DFT_16QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	40	652000	1@104	DFT_16QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	40	652000	100@0	DFT_64QAM	16.61	18.43
DC_2A-n78(3700-3800)A	30	40	652000	50@25	DFT_64QAM	16.64	18.46
DC_2A-n78(3700-3800)A	30	40	652000	1@1	DFT_64QAM	16.55	18.37
DC_2A-n78(3700-3800)A	30	40	652000	1@104	DFT_64QAM	16.45	18.27
DC_2A-n78(3700-3800)A	30	40	652000	100@0	DFT_256QAM	16.20	18.02
DC_2A-n78(3700-3800)A	30	40	652000	50@25	DFT_256QAM	16.22	18.04
DC_2A-n78(3700-3800)A	30	40	652000	1@1	DFT_256QAM	15.83	17.65
DC_2A-n78(3700-3800)A	30	40	652000	1@104	DFT_256QAM	15.72	17.54
DC_2A-n78(3700-3800)A	30	40	652000	106@0	CP_QPSK	16.73	18.55
DC_2A-n78(3700-3800)A	30	40	652000	53@26	CP_QPSK	16.64	18.46
DC_2A-n78(3700-3800)A	30	40	652000	1@1	CP_QPSK	16.64	18.46
DC_2A-n78(3700-3800)A	30	40	652000	1@104	CP_QPSK	16.63	18.45
DC_2A-n78(3700-3800)A	30	40	652000	106@0	CP_16QAM	16.62	18.44
DC_2A-n78(3700-3800)A	30	40	652000	53@26	CP_16QAM	16.63	18.45
DC_2A-n78(3700-3800)A	30	40	652000	1@1	CP_16QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	40	652000	1@104	CP_16QAM	16.69	18.51
DC_2A-n78(3700-3800)A	30	40	652000	106@0	CP_64QAM	16.60	18.42
DC_2A-n78(3700-3800)A	30	40	652000	53@26	CP_64QAM	16.78	18.60
DC_2A-n78(3700-3800)A	30	40	652000	1@1	CP_64QAM	16.71	18.53
DC_2A-n78(3700-3800)A	30	40	652000	1@104	CP_64QAM	16.62	18.44
DC_2A-n78(3700-3800)A	30	40	652000	106@0	CP_256QAM	13.84	15.66
DC_2A-n78(3700-3800)A	30	40	652000	53@26	CP_256QAM	13.83	15.65
DC_2A-n78(3700-3800)A	30	40	652000	1@1	CP_256QAM	13.56	15.38
DC_2A-n78(3700-3800)A	30	40	652000	1@104	CP_256QAM	13.53	15.35
DC_2A-n78(3700-3800)A	30	50	648334	128@0	DFT_BPSK	17.11	18.93
DC_2A-n78(3700-3800)A	30	50	648334	64@32	DFT_BPSK	17.14	18.96
DC_2A-n78(3700-3800)A	30	50	648334	1@1	DFT_BPSK	16.75	18.57
DC_2A-n78(3700-3800)A	30	50	648334	1@131	DFT_BPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	50	648334	128@0	DFT_QPSK	16.97	18.79
DC_2A-n78(3700-3800)A	30	50	648334	64@32	DFT_QPSK	17.09	18.91
DC_2A-n78(3700-3800)A	30	50	648334	1@1	DFT_QPSK	16.84	18.66
DC_2A-n78(3700-3800)A	30	50	648334	1@131	DFT_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	50	648334	128@0	DFT_16QAM	17.10	18.92
DC_2A-n78(3700-3800)A	30	50	648334	64@32	DFT_16QAM	16.95	18.77
DC_2A-n78(3700-3800)A	30	50	648334	1@1	DFT_16QAM	16.98	18.80

DC_2A-n78(3700-3800)A	30	50	648334	1@131	DFT_16QAM	17.12	18.94
DC_2A-n78(3700-3800)A	30	50	648334	128@0	DFT_64QAM	17.19	19.01
DC_2A-n78(3700-3800)A	30	50	648334	64@32	DFT_64QAM	17.16	18.98
DC_2A-n78(3700-3800)A	30	50	648334	1@1	DFT_64QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	50	648334	1@131	DFT_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	50	648334	128@0	DFT_256QAM	16.46	18.28
DC_2A-n78(3700-3800)A	30	50	648334	64@32	DFT_256QAM	16.48	18.30
DC_2A-n78(3700-3800)A	30	50	648334	1@1	DFT_256QAM	16.20	18.02
DC_2A-n78(3700-3800)A	30	50	648334	1@131	DFT_256QAM	16.17	17.99
DC_2A-n78(3700-3800)A	30	50	648334	133@0	CP_QPSK	17.11	18.93
DC_2A-n78(3700-3800)A	30	50	648334	67@33	CP_QPSK	17.07	18.89
DC_2A-n78(3700-3800)A	30	50	648334	1@1	CP_QPSK	16.92	18.74
DC_2A-n78(3700-3800)A	30	50	648334	1@131	CP_QPSK	17.04	18.86
DC_2A-n78(3700-3800)A	30	50	648334	133@0	CP_16QAM	17.03	18.85
DC_2A-n78(3700-3800)A	30	50	648334	67@33	CP_16QAM	17.10	18.92
DC_2A-n78(3700-3800)A	30	50	648334	1@1	CP_16QAM	16.98	18.80
DC_2A-n78(3700-3800)A	30	50	648334	1@131	CP_16QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	50	648334	133@0	CP_64QAM	17.16	18.98
DC_2A-n78(3700-3800)A	30	50	648334	67@33	CP_64QAM	17.14	18.96
DC_2A-n78(3700-3800)A	30	50	648334	1@1	CP_64QAM	16.96	18.78
DC_2A-n78(3700-3800)A	30	50	648334	1@131	CP_64QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	50	648334	133@0	CP_256QAM	14.12	15.94
DC_2A-n78(3700-3800)A	30	50	648334	67@33	CP_256QAM	14.11	15.93
DC_2A-n78(3700-3800)A	30	50	648334	1@1	CP_256QAM	13.80	15.62
DC_2A-n78(3700-3800)A	30	50	648334	1@131	CP_256QAM	13.92	15.74
DC_2A-n78(3700-3800)A	30	50	650000	128@0	DFT_BPSK	17.03	18.85
DC_2A-n78(3700-3800)A	30	50	650000	64@32	DFT_BPSK	17.00	18.82
DC_2A-n78(3700-3800)A	30	50	650000	1@1	DFT_BPSK	17.02	18.84
DC_2A-n78(3700-3800)A	30	50	650000	1@131	DFT_BPSK	16.85	18.67
DC_2A-n78(3700-3800)A	30	50	650000	128@0	DFT_QPSK	17.00	18.82
DC_2A-n78(3700-3800)A	30	50	650000	64@32	DFT_QPSK	17.04	18.86
DC_2A-n78(3700-3800)A	30	50	650000	1@1	DFT_QPSK	17.04	18.86
DC_2A-n78(3700-3800)A	30	50	650000	1@131	DFT_QPSK	16.80	18.62
DC_2A-n78(3700-3800)A	30	50	650000	128@0	DFT_16QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	50	650000	64@32	DFT_16QAM	17.01	18.83
DC_2A-n78(3700-3800)A	30	50	650000	1@1	DFT_16QAM	17.30	19.12
DC_2A-n78(3700-3800)A	30	50	650000	1@131	DFT_16QAM	16.87	18.69
DC_2A-n78(3700-3800)A	30	50	650000	128@0	DFT_64QAM	17.12	18.94
DC_2A-n78(3700-3800)A	30	50	650000	64@32	DFT_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	50	650000	1@1	DFT_64QAM	16.91	18.73
DC_2A-n78(3700-3800)A	30	50	650000	1@131	DFT_64QAM	16.64	18.46
DC_2A-n78(3700-3800)A	30	50	650000	128@0	DFT_256QAM	16.55	18.37
DC_2A-n78(3700-3800)A	30	50	650000	64@32	DFT_256QAM	16.55	18.37

DC_2A-n78(3700-3800)A	30	50	650000	1@1	DFT_256QAM	16.34	18.16
DC_2A-n78(3700-3800)A	30	50	650000	1@131	DFT_256QAM	16.05	17.87
DC_2A-n78(3700-3800)A	30	50	650000	133@0	CP_QPSK	17.05	18.87
DC_2A-n78(3700-3800)A	30	50	650000	67@33	CP_QPSK	17.04	18.86
DC_2A-n78(3700-3800)A	30	50	650000	1@1	CP_QPSK	17.12	18.94
DC_2A-n78(3700-3800)A	30	50	650000	1@131	CP_QPSK	16.85	18.67
DC_2A-n78(3700-3800)A	30	50	650000	133@0	CP_16QAM	17.09	18.91
DC_2A-n78(3700-3800)A	30	50	650000	67@33	CP_16QAM	17.13	18.95
DC_2A-n78(3700-3800)A	30	50	650000	1@1	CP_16QAM	17.22	19.04
DC_2A-n78(3700-3800)A	30	50	650000	1@131	CP_16QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	50	650000	133@0	CP_64QAM	17.09	18.91
DC_2A-n78(3700-3800)A	30	50	650000	67@33	CP_64QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	50	650000	1@1	CP_64QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	50	650000	1@131	CP_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	50	650000	133@0	CP_256QAM	14.02	15.84
DC_2A-n78(3700-3800)A	30	50	650000	67@33	CP_256QAM	14.07	15.89
DC_2A-n78(3700-3800)A	30	50	650000	1@1	CP_256QAM	14.16	15.98
DC_2A-n78(3700-3800)A	30	50	650000	1@131	CP_256QAM	13.85	15.67
DC_2A-n78(3700-3800)A	30	50	651666	128@0	DFT_BPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	50	651666	64@32	DFT_BPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	50	651666	1@1	DFT_BPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	50	651666	1@131	DFT_BPSK	16.67	18.49
DC_2A-n78(3700-3800)A	30	50	651666	128@0	DFT_QPSK	16.92	18.74
DC_2A-n78(3700-3800)A	30	50	651666	64@32	DFT_QPSK	16.94	18.76
DC_2A-n78(3700-3800)A	30	50	651666	1@1	DFT_QPSK	16.94	18.76
DC_2A-n78(3700-3800)A	30	50	651666	1@131	DFT_QPSK	16.63	18.45
DC_2A-n78(3700-3800)A	30	50	651666	128@0	DFT_16QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	50	651666	64@32	DFT_16QAM	17.03	18.85
DC_2A-n78(3700-3800)A	30	50	651666	1@1	DFT_16QAM	17.09	18.91
DC_2A-n78(3700-3800)A	30	50	651666	1@131	DFT_16QAM	16.59	18.41
DC_2A-n78(3700-3800)A	30	50	651666	128@0	DFT_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	50	651666	64@32	DFT_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	50	651666	1@1	DFT_64QAM	16.88	18.70
DC_2A-n78(3700-3800)A	30	50	651666	1@131	DFT_64QAM	16.48	18.30
DC_2A-n78(3700-3800)A	30	50	651666	128@0	DFT_256QAM	16.37	18.19
DC_2A-n78(3700-3800)A	30	50	651666	64@32	DFT_256QAM	16.36	18.18
DC_2A-n78(3700-3800)A	30	50	651666	1@1	DFT_256QAM	16.30	18.12
DC_2A-n78(3700-3800)A	30	50	651666	1@131	DFT_256QAM	15.81	17.63
DC_2A-n78(3700-3800)A	30	50	651666	133@0	CP_QPSK	16.88	18.70
DC_2A-n78(3700-3800)A	30	50	651666	67@33	CP_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	50	651666	1@1	CP_QPSK	17.05	18.87
DC_2A-n78(3700-3800)A	30	50	651666	1@131	CP_QPSK	16.69	18.51
DC_2A-n78(3700-3800)A	30	50	651666	133@0	CP_16QAM	16.87	18.69

DC_2A-n78(3700-3800)A	30	50	651666	67@33	CP_16QAM	16.80	18.62
DC_2A-n78(3700-3800)A	30	50	651666	1@1	CP_16QAM	17.04	18.86
DC_2A-n78(3700-3800)A	30	50	651666	1@131	CP_16QAM	16.67	18.49
DC_2A-n78(3700-3800)A	30	50	651666	133@0	CP_64QAM	16.87	18.69
DC_2A-n78(3700-3800)A	30	50	651666	67@33	CP_64QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	50	651666	1@1	CP_64QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	50	651666	1@131	CP_64QAM	16.72	18.54
DC_2A-n78(3700-3800)A	30	50	651666	133@0	CP_256QAM	14.15	15.97
DC_2A-n78(3700-3800)A	30	50	651666	67@33	CP_256QAM	14.21	16.03
DC_2A-n78(3700-3800)A	30	50	651666	1@1	CP_256QAM	13.80	15.62
DC_2A-n78(3700-3800)A	30	50	651666	1@131	CP_256QAM	13.56	15.38
DC_2A-n78(3700-3800)A	30	60	648668	162@0	DFT_BPSK	16.95	18.77
DC_2A-n78(3700-3800)A	30	60	648668	81@40	DFT_BPSK	17.05	18.87
DC_2A-n78(3700-3800)A	30	60	648668	1@1	DFT_BPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	60	648668	1@160	DFT_BPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	60	648668	162@0	DFT_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	60	648668	81@40	DFT_QPSK	17.07	18.89
DC_2A-n78(3700-3800)A	30	60	648668	1@1	DFT_QPSK	16.84	18.66
DC_2A-n78(3700-3800)A	30	60	648668	1@160	DFT_QPSK	16.78	18.60
DC_2A-n78(3700-3800)A	30	60	648668	162@0	DFT_16QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	60	648668	81@40	DFT_16QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	60	648668	1@1	DFT_16QAM	17.01	18.83
DC_2A-n78(3700-3800)A	30	60	648668	1@160	DFT_16QAM	16.96	18.78
DC_2A-n78(3700-3800)A	30	60	648668	162@0	DFT_64QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	60	648668	81@40	DFT_64QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	60	648668	1@1	DFT_64QAM	16.60	18.42
DC_2A-n78(3700-3800)A	30	60	648668	1@160	DFT_64QAM	16.57	18.39
DC_2A-n78(3700-3800)A	30	60	648668	162@0	DFT_256QAM	16.37	18.19
DC_2A-n78(3700-3800)A	30	60	648668	81@40	DFT_256QAM	16.37	18.19
DC_2A-n78(3700-3800)A	30	60	648668	1@1	DFT_256QAM	16.01	17.83
DC_2A-n78(3700-3800)A	30	60	648668	1@160	DFT_256QAM	15.88	17.70
DC_2A-n78(3700-3800)A	30	60	648668	162@0	CP_QPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	60	648668	81@40	CP_QPSK	17.02	18.84
DC_2A-n78(3700-3800)A	30	60	648668	1@1	CP_QPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	60	648668	1@160	CP_QPSK	16.80	18.62
DC_2A-n78(3700-3800)A	30	60	648668	162@0	CP_16QAM	16.77	18.59
DC_2A-n78(3700-3800)A	30	60	648668	81@40	CP_16QAM	17.11	18.93
DC_2A-n78(3700-3800)A	30	60	648668	1@1	CP_16QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	60	648668	1@160	CP_16QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	60	648668	162@0	CP_64QAM	16.85	18.67
DC_2A-n78(3700-3800)A	30	60	648668	81@40	CP_64QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	60	648668	1@1	CP_64QAM	16.96	18.78
DC_2A-n78(3700-3800)A	30	60	648668	1@160	CP_64QAM	16.76	18.58

DC_2A-n78(3700-3800)A	30	60	648668	162@0	CP_256QAM	14.10	15.92
DC_2A-n78(3700-3800)A	30	60	648668	81@40	CP_256QAM	14.15	15.97
DC_2A-n78(3700-3800)A	30	60	648668	1@1	CP_256QAM	13.87	15.69
DC_2A-n78(3700-3800)A	30	60	648668	1@160	CP_256QAM	13.77	15.59
DC_2A-n78(3700-3800)A	30	60	650000	162@0	DFT_BPSK	17.04	18.86
DC_2A-n78(3700-3800)A	30	60	650000	81@40	DFT_BPSK	17.02	18.84
DC_2A-n78(3700-3800)A	30	60	650000	1@1	DFT_BPSK	17.17	18.99
DC_2A-n78(3700-3800)A	30	60	650000	1@160	DFT_BPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	60	650000	162@0	DFT_QPSK	17.16	18.98
DC_2A-n78(3700-3800)A	30	60	650000	81@40	DFT_QPSK	17.05	18.87
DC_2A-n78(3700-3800)A	30	60	650000	1@1	DFT_QPSK	17.18	19.00
DC_2A-n78(3700-3800)A	30	60	650000	1@160	DFT_QPSK	16.86	18.68
DC_2A-n78(3700-3800)A	30	60	650000	162@0	DFT_16QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	60	650000	81@40	DFT_16QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	60	650000	1@1	DFT_16QAM	17.32	19.14
DC_2A-n78(3700-3800)A	30	60	650000	1@160	DFT_16QAM	17.01	18.83
DC_2A-n78(3700-3800)A	30	60	650000	162@0	DFT_64QAM	17.03	18.85
DC_2A-n78(3700-3800)A	30	60	650000	81@40	DFT_64QAM	17.10	18.92
DC_2A-n78(3700-3800)A	30	60	650000	1@1	DFT_64QAM	16.95	18.77
DC_2A-n78(3700-3800)A	30	60	650000	1@160	DFT_64QAM	16.60	18.42
DC_2A-n78(3700-3800)A	30	60	650000	162@0	DFT_256QAM	16.52	18.34
DC_2A-n78(3700-3800)A	30	60	650000	81@40	DFT_256QAM	16.59	18.41
DC_2A-n78(3700-3800)A	30	60	650000	1@1	DFT_256QAM	16.48	18.30
DC_2A-n78(3700-3800)A	30	60	650000	1@160	DFT_256QAM	16.14	17.96
DC_2A-n78(3700-3800)A	30	60	650000	162@0	CP_QPSK	17.07	18.89
DC_2A-n78(3700-3800)A	30	60	650000	81@40	CP_QPSK	17.00	18.82
DC_2A-n78(3700-3800)A	30	60	650000	1@1	CP_QPSK	17.22	19.04
DC_2A-n78(3700-3800)A	30	60	650000	1@160	CP_QPSK	16.96	18.78
DC_2A-n78(3700-3800)A	30	60	650000	162@0	CP_16QAM	17.11	18.93
DC_2A-n78(3700-3800)A	30	60	650000	81@40	CP_16QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	60	650000	1@1	CP_16QAM	17.29	19.11
DC_2A-n78(3700-3800)A	30	60	650000	1@160	CP_16QAM	17.04	18.86
DC_2A-n78(3700-3800)A	30	60	650000	162@0	CP_64QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	60	650000	81@40	CP_64QAM	17.02	18.84
DC_2A-n78(3700-3800)A	30	60	650000	1@1	CP_64QAM	17.35	19.17
DC_2A-n78(3700-3800)A	30	60	650000	1@160	CP_64QAM	16.98	18.80
DC_2A-n78(3700-3800)A	30	60	650000	162@0	CP_256QAM	14.21	16.03
DC_2A-n78(3700-3800)A	30	60	650000	81@40	CP_256QAM	14.08	15.90
DC_2A-n78(3700-3800)A	30	60	650000	1@1	CP_256QAM	14.13	15.95
DC_2A-n78(3700-3800)A	30	60	650000	1@160	CP_256QAM	13.85	15.67
DC_2A-n78(3700-3800)A	30	60	651332	162@0	DFT_BPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	60	651332	81@40	DFT_BPSK	16.98	18.80
DC_2A-n78(3700-3800)A	30	60	651332	1@1	DFT_BPSK	17.05	18.87

DC_2A-n78(3700-3800)A	30	60	651332	1@160	DFT_BPSK	16.86	18.68
DC_2A-n78(3700-3800)A	30	60	651332	162@0	DFT_QPSK	16.95	18.77
DC_2A-n78(3700-3800)A	30	60	651332	81@40	DFT_QPSK	17.01	18.83
DC_2A-n78(3700-3800)A	30	60	651332	1@1	DFT_QPSK	17.05	18.87
DC_2A-n78(3700-3800)A	30	60	651332	1@160	DFT_QPSK	16.86	18.68
DC_2A-n78(3700-3800)A	30	60	651332	162@0	DFT_16QAM	17.02	18.84
DC_2A-n78(3700-3800)A	30	60	651332	81@40	DFT_16QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	60	651332	1@1	DFT_16QAM	17.25	19.07
DC_2A-n78(3700-3800)A	30	60	651332	1@160	DFT_16QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	60	651332	162@0	DFT_64QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	60	651332	81@40	DFT_64QAM	16.97	18.79
DC_2A-n78(3700-3800)A	30	60	651332	1@1	DFT_64QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	60	651332	1@160	DFT_64QAM	16.66	18.48
DC_2A-n78(3700-3800)A	30	60	651332	162@0	DFT_256QAM	16.52	18.34
DC_2A-n78(3700-3800)A	30	60	651332	81@40	DFT_256QAM	16.32	18.14
DC_2A-n78(3700-3800)A	30	60	651332	1@1	DFT_256QAM	16.26	18.08
DC_2A-n78(3700-3800)A	30	60	651332	1@160	DFT_256QAM	16.18	18.00
DC_2A-n78(3700-3800)A	30	60	651332	162@0	CP_QPSK	16.92	18.74
DC_2A-n78(3700-3800)A	30	60	651332	81@40	CP_QPSK	16.92	18.74
DC_2A-n78(3700-3800)A	30	60	651332	1@1	CP_QPSK	16.98	18.80
DC_2A-n78(3700-3800)A	30	60	651332	1@160	CP_QPSK	16.84	18.66
DC_2A-n78(3700-3800)A	30	60	651332	162@0	CP_16QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	60	651332	81@40	CP_16QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	60	651332	1@1	CP_16QAM	17.27	19.09
DC_2A-n78(3700-3800)A	30	60	651332	1@160	CP_16QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	60	651332	162@0	CP_64QAM	16.95	18.77
DC_2A-n78(3700-3800)A	30	60	651332	81@40	CP_64QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	60	651332	1@1	CP_64QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	60	651332	1@160	CP_64QAM	16.98	18.80
DC_2A-n78(3700-3800)A	30	60	651332	162@0	CP_256QAM	14.13	15.95
DC_2A-n78(3700-3800)A	30	60	651332	81@40	CP_256QAM	14.13	15.95
DC_2A-n78(3700-3800)A	30	60	651332	1@1	CP_256QAM	14.11	15.93
DC_2A-n78(3700-3800)A	30	60	651332	1@160	CP_256QAM	13.86	15.68
DC_2A-n78(3700-3800)A	30	70	649000	180@0	DFT_BPSK	16.64	18.46
DC_2A-n78(3700-3800)A	30	70	649000	90@45	DFT_BPSK	16.63	18.45
DC_2A-n78(3700-3800)A	30	70	649000	1@1	DFT_BPSK	16.55	18.37
DC_2A-n78(3700-3800)A	30	70	649000	1@187	DFT_BPSK	16.45	18.27
DC_2A-n78(3700-3800)A	30	70	649000	180@0	DFT_QPSK	16.61	18.43
DC_2A-n78(3700-3800)A	30	70	649000	90@45	DFT_QPSK	16.63	18.45
DC_2A-n78(3700-3800)A	30	70	649000	1@1	DFT_QPSK	16.48	18.30
DC_2A-n78(3700-3800)A	30	70	649000	1@187	DFT_QPSK	16.55	18.37
DC_2A-n78(3700-3800)A	30	70	649000	180@0	DFT_16QAM	16.55	18.37
DC_2A-n78(3700-3800)A	30	70	649000	90@45	DFT_16QAM	16.73	18.55

DC_2A-n78(3700-3800)A	30	70	649000	1@1	DFT_16QAM	16.66	18.48
DC_2A-n78(3700-3800)A	30	70	649000	1@187	DFT_16QAM	16.71	18.53
DC_2A-n78(3700-3800)A	30	70	649000	180@0	DFT_64QAM	16.63	18.45
DC_2A-n78(3700-3800)A	30	70	649000	90@45	DFT_64QAM	16.69	18.51
DC_2A-n78(3700-3800)A	30	70	649000	1@1	DFT_64QAM	16.41	18.23
DC_2A-n78(3700-3800)A	30	70	649000	1@187	DFT_64QAM	16.47	18.29
DC_2A-n78(3700-3800)A	30	70	649000	180@0	DFT_256QAM	16.05	17.87
DC_2A-n78(3700-3800)A	30	70	649000	90@45	DFT_256QAM	16.12	17.94
DC_2A-n78(3700-3800)A	30	70	649000	1@1	DFT_256QAM	15.79	17.61
DC_2A-n78(3700-3800)A	30	70	649000	1@187	DFT_256QAM	15.87	17.69
DC_2A-n78(3700-3800)A	30	70	649000	189@0	CP_QPSK	16.61	18.43
DC_2A-n78(3700-3800)A	30	70	649000	95@47	CP_QPSK	16.70	18.52
DC_2A-n78(3700-3800)A	30	70	649000	1@1	CP_QPSK	16.52	18.34
DC_2A-n78(3700-3800)A	30	70	649000	1@187	CP_QPSK	16.59	18.41
DC_2A-n78(3700-3800)A	30	70	649000	189@0	CP_16QAM	16.59	18.41
DC_2A-n78(3700-3800)A	30	70	649000	95@47	CP_16QAM	16.55	18.37
DC_2A-n78(3700-3800)A	30	70	649000	1@1	CP_16QAM	16.54	18.36
DC_2A-n78(3700-3800)A	30	70	649000	1@187	CP_16QAM	16.64	18.46
DC_2A-n78(3700-3800)A	30	70	649000	189@0	CP_64QAM	16.68	18.50
DC_2A-n78(3700-3800)A	30	70	649000	95@47	CP_64QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	70	649000	1@1	CP_64QAM	16.70	18.52
DC_2A-n78(3700-3800)A	30	70	649000	1@187	CP_64QAM	16.68	18.50
DC_2A-n78(3700-3800)A	30	70	649000	189@0	CP_256QAM	13.75	15.57
DC_2A-n78(3700-3800)A	30	70	649000	95@47	CP_256QAM	13.93	15.75
DC_2A-n78(3700-3800)A	30	70	649000	1@1	CP_256QAM	13.61	15.43
DC_2A-n78(3700-3800)A	30	70	649000	1@187	CP_256QAM	13.47	15.29
DC_2A-n78(3700-3800)A	30	70	650000	180@0	DFT_BPSK	16.96	18.78
DC_2A-n78(3700-3800)A	30	70	650000	90@45	DFT_BPSK	16.94	18.76
DC_2A-n78(3700-3800)A	30	70	650000	1@1	DFT_BPSK	17.07	18.89
DC_2A-n78(3700-3800)A	30	70	650000	1@187	DFT_BPSK	16.60	18.42
DC_2A-n78(3700-3800)A	30	70	650000	180@0	DFT_QPSK	16.88	18.70
DC_2A-n78(3700-3800)A	30	70	650000	90@45	DFT_QPSK	16.91	18.73
DC_2A-n78(3700-3800)A	30	70	650000	1@1	DFT_QPSK	16.97	18.79
DC_2A-n78(3700-3800)A	30	70	650000	1@187	DFT_QPSK	16.57	18.39
DC_2A-n78(3700-3800)A	30	70	650000	180@0	DFT_16QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	70	650000	90@45	DFT_16QAM	16.91	18.73
DC_2A-n78(3700-3800)A	30	70	650000	1@1	DFT_16QAM	17.14	18.96
DC_2A-n78(3700-3800)A	30	70	650000	1@187	DFT_16QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	70	650000	180@0	DFT_64QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	70	650000	90@45	DFT_64QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	70	650000	1@1	DFT_64QAM	16.91	18.73
DC_2A-n78(3700-3800)A	30	70	650000	1@187	DFT_64QAM	16.50	18.32
DC_2A-n78(3700-3800)A	30	70	650000	180@0	DFT_256QAM	16.44	18.26

DC_2A-n78(3700-3800)A	30	70	650000	90@45	DFT_256QAM	16.36	18.18
DC_2A-n78(3700-3800)A	30	70	650000	1@1	DFT_256QAM	16.27	18.09
DC_2A-n78(3700-3800)A	30	70	650000	1@187	DFT_256QAM	15.90	17.72
DC_2A-n78(3700-3800)A	30	70	650000	189@0	CP_QPSK	16.82	18.64
DC_2A-n78(3700-3800)A	30	70	650000	95@47	CP_QPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	70	650000	1@1	CP_QPSK	17.01	18.83
DC_2A-n78(3700-3800)A	30	70	650000	1@187	CP_QPSK	16.47	18.29
DC_2A-n78(3700-3800)A	30	70	650000	189@0	CP_16QAM	16.69	18.51
DC_2A-n78(3700-3800)A	30	70	650000	95@47	CP_16QAM	16.79	18.61
DC_2A-n78(3700-3800)A	30	70	650000	1@1	CP_16QAM	17.04	18.86
DC_2A-n78(3700-3800)A	30	70	650000	1@187	CP_16QAM	16.66	18.48
DC_2A-n78(3700-3800)A	30	70	650000	189@0	CP_64QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	70	650000	95@47	CP_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	70	650000	1@1	CP_64QAM	17.11	18.93
DC_2A-n78(3700-3800)A	30	70	650000	1@187	CP_64QAM	16.57	18.39
DC_2A-n78(3700-3800)A	30	70	650000	189@0	CP_256QAM	14.10	15.92
DC_2A-n78(3700-3800)A	30	70	650000	95@47	CP_256QAM	14.15	15.97
DC_2A-n78(3700-3800)A	30	70	650000	1@1	CP_256QAM	14.22	16.04
DC_2A-n78(3700-3800)A	30	70	650000	1@187	CP_256QAM	13.69	15.51
DC_2A-n78(3700-3800)A	30	70	651000	180@0	DFT_BPSK	16.80	18.62
DC_2A-n78(3700-3800)A	30	70	651000	90@45	DFT_BPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	70	651000	1@1	DFT_BPSK	16.88	18.70
DC_2A-n78(3700-3800)A	30	70	651000	1@187	DFT_BPSK	16.72	18.54
DC_2A-n78(3700-3800)A	30	70	651000	180@0	DFT_QPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	70	651000	90@45	DFT_QPSK	16.76	18.58
DC_2A-n78(3700-3800)A	30	70	651000	1@1	DFT_QPSK	17.01	18.83
DC_2A-n78(3700-3800)A	30	70	651000	1@187	DFT_QPSK	16.72	18.54
DC_2A-n78(3700-3800)A	30	70	651000	180@0	DFT_16QAM	16.72	18.54
DC_2A-n78(3700-3800)A	30	70	651000	90@45	DFT_16QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	70	651000	1@1	DFT_16QAM	16.97	18.79
DC_2A-n78(3700-3800)A	30	70	651000	1@187	DFT_16QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	70	651000	180@0	DFT_64QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	70	651000	90@45	DFT_64QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	70	651000	1@1	DFT_64QAM	16.72	18.54
DC_2A-n78(3700-3800)A	30	70	651000	1@187	DFT_64QAM	16.57	18.39
DC_2A-n78(3700-3800)A	30	70	651000	180@0	DFT_256QAM	16.34	18.16
DC_2A-n78(3700-3800)A	30	70	651000	90@45	DFT_256QAM	16.27	18.09
DC_2A-n78(3700-3800)A	30	70	651000	1@1	DFT_256QAM	16.10	17.92
DC_2A-n78(3700-3800)A	30	70	651000	1@187	DFT_256QAM	15.99	17.81
DC_2A-n78(3700-3800)A	30	70	651000	189@0	CP_QPSK	16.68	18.50
DC_2A-n78(3700-3800)A	30	70	651000	95@47	CP_QPSK	16.66	18.48
DC_2A-n78(3700-3800)A	30	70	651000	1@1	CP_QPSK	16.95	18.77
DC_2A-n78(3700-3800)A	30	70	651000	1@187	CP_QPSK	16.82	18.64

DC_2A-n78(3700-3800)A	30	70	651000	189@0	CP_16QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	70	651000	95@47	CP_16QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	70	651000	1@1	CP_16QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	70	651000	1@187	CP_16QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	70	651000	189@0	CP_64QAM	16.78	18.60
DC_2A-n78(3700-3800)A	30	70	651000	95@47	CP_64QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	70	651000	1@1	CP_64QAM	16.93	18.75
DC_2A-n78(3700-3800)A	30	70	651000	1@187	CP_64QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	70	651000	189@0	CP_256QAM	13.86	15.68
DC_2A-n78(3700-3800)A	30	70	651000	95@47	CP_256QAM	14.02	15.84
DC_2A-n78(3700-3800)A	30	70	651000	1@1	CP_256QAM	14.09	15.91
DC_2A-n78(3700-3800)A	30	70	651000	1@187	CP_256QAM	13.90	15.72
DC_2A-n78(3700-3800)A	30	80	649334	216@0	DFT_BPSK	16.79	18.61
DC_2A-n78(3700-3800)A	30	80	649334	108@54	DFT_BPSK	16.79	18.61
DC_2A-n78(3700-3800)A	30	80	649334	1@1	DFT_BPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	80	649334	1@215	DFT_BPSK	16.66	18.48
DC_2A-n78(3700-3800)A	30	80	649334	216@0	DFT_QPSK	16.87	18.69
DC_2A-n78(3700-3800)A	30	80	649334	108@54	DFT_QPSK	16.80	18.62
DC_2A-n78(3700-3800)A	30	80	649334	1@1	DFT_QPSK	16.73	18.55
DC_2A-n78(3700-3800)A	30	80	649334	1@215	DFT_QPSK	16.54	18.36
DC_2A-n78(3700-3800)A	30	80	649334	216@0	DFT_16QAM	16.72	18.54
DC_2A-n78(3700-3800)A	30	80	649334	108@54	DFT_16QAM	16.80	18.62
DC_2A-n78(3700-3800)A	30	80	649334	1@1	DFT_16QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	80	649334	1@215	DFT_16QAM	16.70	18.52
DC_2A-n78(3700-3800)A	30	80	649334	216@0	DFT_64QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	80	649334	108@54	DFT_64QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	80	649334	1@1	DFT_64QAM	16.61	18.43
DC_2A-n78(3700-3800)A	30	80	649334	1@215	DFT_64QAM	16.37	18.19
DC_2A-n78(3700-3800)A	30	80	649334	216@0	DFT_256QAM	16.32	18.14
DC_2A-n78(3700-3800)A	30	80	649334	108@54	DFT_256QAM	16.28	18.10
DC_2A-n78(3700-3800)A	30	80	649334	1@1	DFT_256QAM	16.03	17.85
DC_2A-n78(3700-3800)A	30	80	649334	1@215	DFT_256QAM	15.84	17.66
DC_2A-n78(3700-3800)A	30	80	649334	217@0	CP_QPSK	16.76	18.58
DC_2A-n78(3700-3800)A	30	80	649334	109@54	CP_QPSK	16.92	18.74
DC_2A-n78(3700-3800)A	30	80	649334	1@1	CP_QPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	80	649334	1@215	CP_QPSK	16.63	18.45
DC_2A-n78(3700-3800)A	30	80	649334	217@0	CP_16QAM	16.80	18.62
DC_2A-n78(3700-3800)A	30	80	649334	109@54	CP_16QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	80	649334	1@1	CP_16QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	80	649334	1@215	CP_16QAM	16.51	18.33
DC_2A-n78(3700-3800)A	30	80	649334	217@0	CP_64QAM	16.87	18.69
DC_2A-n78(3700-3800)A	30	80	649334	109@54	CP_64QAM	16.88	18.70
DC_2A-n78(3700-3800)A	30	80	649334	1@1	CP_64QAM	16.68	18.50

DC_2A-n78(3700-3800)A	30	80	649334	1@215	CP_64QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	80	649334	217@0	CP_256QAM	13.98	15.80
DC_2A-n78(3700-3800)A	30	80	649334	109@54	CP_256QAM	13.91	15.73
DC_2A-n78(3700-3800)A	30	80	649334	1@1	CP_256QAM	13.70	15.52
DC_2A-n78(3700-3800)A	30	80	649334	1@215	CP_256QAM	13.56	15.38
DC_2A-n78(3700-3800)A	30	80	650000	216@0	DFT_BPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	80	650000	108@54	DFT_BPSK	16.88	18.70
DC_2A-n78(3700-3800)A	30	80	650000	1@1	DFT_BPSK	16.98	18.80
DC_2A-n78(3700-3800)A	30	80	650000	1@215	DFT_BPSK	16.64	18.46
DC_2A-n78(3700-3800)A	30	80	650000	216@0	DFT_QPSK	16.87	18.69
DC_2A-n78(3700-3800)A	30	80	650000	108@54	DFT_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	80	650000	1@1	DFT_QPSK	16.95	18.77
DC_2A-n78(3700-3800)A	30	80	650000	1@215	DFT_QPSK	16.53	18.35
DC_2A-n78(3700-3800)A	30	80	650000	216@0	DFT_16QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	80	650000	108@54	DFT_16QAM	16.97	18.79
DC_2A-n78(3700-3800)A	30	80	650000	1@1	DFT_16QAM	17.18	19.00
DC_2A-n78(3700-3800)A	30	80	650000	1@215	DFT_16QAM	16.76	18.58
DC_2A-n78(3700-3800)A	30	80	650000	216@0	DFT_64QAM	16.88	18.70
DC_2A-n78(3700-3800)A	30	80	650000	108@54	DFT_64QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	80	650000	1@1	DFT_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	80	650000	1@215	DFT_64QAM	16.59	18.41
DC_2A-n78(3700-3800)A	30	80	650000	216@0	DFT_256QAM	16.38	18.20
DC_2A-n78(3700-3800)A	30	80	650000	108@54	DFT_256QAM	16.39	18.21
DC_2A-n78(3700-3800)A	30	80	650000	1@1	DFT_256QAM	16.27	18.09
DC_2A-n78(3700-3800)A	30	80	650000	1@215	DFT_256QAM	15.93	17.75
DC_2A-n78(3700-3800)A	30	80	650000	217@0	CP_QPSK	16.97	18.79
DC_2A-n78(3700-3800)A	30	80	650000	109@54	CP_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	80	650000	1@1	CP_QPSK	17.07	18.89
DC_2A-n78(3700-3800)A	30	80	650000	1@215	CP_QPSK	16.48	18.30
DC_2A-n78(3700-3800)A	30	80	650000	217@0	CP_16QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	80	650000	109@54	CP_16QAM	16.93	18.75
DC_2A-n78(3700-3800)A	30	80	650000	1@1	CP_16QAM	17.11	18.93
DC_2A-n78(3700-3800)A	30	80	650000	1@215	CP_16QAM	16.72	18.54
DC_2A-n78(3700-3800)A	30	80	650000	217@0	CP_64QAM	16.95	18.77
DC_2A-n78(3700-3800)A	30	80	650000	109@54	CP_64QAM	16.98	18.80
DC_2A-n78(3700-3800)A	30	80	650000	1@1	CP_64QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	80	650000	1@215	CP_64QAM	16.70	18.52
DC_2A-n78(3700-3800)A	30	80	650000	217@0	CP_256QAM	14.10	15.92
DC_2A-n78(3700-3800)A	30	80	650000	109@54	CP_256QAM	14.15	15.97
DC_2A-n78(3700-3800)A	30	80	650000	1@1	CP_256QAM	14.08	15.90
DC_2A-n78(3700-3800)A	30	80	650000	1@215	CP_256QAM	13.59	15.41
DC_2A-n78(3700-3800)A	30	80	650666	216@0	DFT_BPSK	16.85	18.67
DC_2A-n78(3700-3800)A	30	80	650666	108@54	DFT_BPSK	16.82	18.64

DC_2A-n78(3700-3800)A	30	80	650666	1@1	DFT_BPSK	17.14	18.96
DC_2A-n78(3700-3800)A	30	80	650666	1@215	DFT_BPSK	16.72	18.54
DC_2A-n78(3700-3800)A	30	80	650666	216@0	DFT_QPSK	16.86	18.68
DC_2A-n78(3700-3800)A	30	80	650666	108@54	DFT_QPSK	16.87	18.69
DC_2A-n78(3700-3800)A	30	80	650666	1@1	DFT_QPSK	17.07	18.89
DC_2A-n78(3700-3800)A	30	80	650666	1@215	DFT_QPSK	16.73	18.55
DC_2A-n78(3700-3800)A	30	80	650666	216@0	DFT_16QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	80	650666	108@54	DFT_16QAM	16.88	18.70
DC_2A-n78(3700-3800)A	30	80	650666	1@1	DFT_16QAM	17.29	19.11
DC_2A-n78(3700-3800)A	30	80	650666	1@215	DFT_16QAM	16.78	18.60
DC_2A-n78(3700-3800)A	30	80	650666	216@0	DFT_64QAM	16.80	18.62
DC_2A-n78(3700-3800)A	30	80	650666	108@54	DFT_64QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	80	650666	1@1	DFT_64QAM	16.88	18.70
DC_2A-n78(3700-3800)A	30	80	650666	1@215	DFT_64QAM	16.61	18.43
DC_2A-n78(3700-3800)A	30	80	650666	216@0	DFT_256QAM	16.43	18.25
DC_2A-n78(3700-3800)A	30	80	650666	108@54	DFT_256QAM	16.41	18.23
DC_2A-n78(3700-3800)A	30	80	650666	1@1	DFT_256QAM	16.46	18.28
DC_2A-n78(3700-3800)A	30	80	650666	1@215	DFT_256QAM	16.00	17.82
DC_2A-n78(3700-3800)A	30	80	650666	217@0	CP_QPSK	16.85	18.67
DC_2A-n78(3700-3800)A	30	80	650666	109@54	CP_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	80	650666	1@1	CP_QPSK	17.18	19.00
DC_2A-n78(3700-3800)A	30	80	650666	1@215	CP_QPSK	16.73	18.55
DC_2A-n78(3700-3800)A	30	80	650666	217@0	CP_16QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	80	650666	109@54	CP_16QAM	16.79	18.61
DC_2A-n78(3700-3800)A	30	80	650666	1@1	CP_16QAM	17.18	19.00
DC_2A-n78(3700-3800)A	30	80	650666	1@215	CP_16QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	80	650666	217@0	CP_64QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	80	650666	109@54	CP_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	80	650666	1@1	CP_64QAM	17.17	18.99
DC_2A-n78(3700-3800)A	30	80	650666	1@215	CP_64QAM	16.68	18.50
DC_2A-n78(3700-3800)A	30	80	650666	217@0	CP_256QAM	14.10	15.92
DC_2A-n78(3700-3800)A	30	80	650666	109@54	CP_256QAM	14.07	15.89
DC_2A-n78(3700-3800)A	30	80	650666	1@1	CP_256QAM	14.11	15.93
DC_2A-n78(3700-3800)A	30	80	650666	1@215	CP_256QAM	13.71	15.53
DC_2A-n78(3700-3800)A	30	90	649668	240@0	DFT_BPSK	16.80	18.62
DC_2A-n78(3700-3800)A	30	90	649668	120@60	DFT_BPSK	16.80	18.62
DC_2A-n78(3700-3800)A	30	90	649668	1@1	DFT_BPSK	16.72	18.54
DC_2A-n78(3700-3800)A	30	90	649668	1@243	DFT_BPSK	16.87	18.69
DC_2A-n78(3700-3800)A	30	90	649668	240@0	DFT_QPSK	16.73	18.55
DC_2A-n78(3700-3800)A	30	90	649668	120@60	DFT_QPSK	16.76	18.58
DC_2A-n78(3700-3800)A	30	90	649668	1@1	DFT_QPSK	16.69	18.51
DC_2A-n78(3700-3800)A	30	90	649668	1@243	DFT_QPSK	16.73	18.55
DC_2A-n78(3700-3800)A	30	90	649668	240@0	DFT_16QAM	16.93	18.75

DC_2A-n78(3700-3800)A	30	90	649668	120@60	DFT_16QAM	16.80	18.62
DC_2A-n78(3700-3800)A	30	90	649668	1@1	DFT_16QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	90	649668	1@243	DFT_16QAM	16.96	18.78
DC_2A-n78(3700-3800)A	30	90	649668	240@0	DFT_64QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	90	649668	120@60	DFT_64QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	90	649668	1@1	DFT_64QAM	16.50	18.32
DC_2A-n78(3700-3800)A	30	90	649668	1@243	DFT_64QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	90	649668	240@0	DFT_256QAM	16.41	18.23
DC_2A-n78(3700-3800)A	30	90	649668	120@60	DFT_256QAM	16.45	18.27
DC_2A-n78(3700-3800)A	30	90	649668	1@1	DFT_256QAM	16.07	17.89
DC_2A-n78(3700-3800)A	30	90	649668	1@243	DFT_256QAM	16.09	17.91
DC_2A-n78(3700-3800)A	30	90	649668	245@0	CP_QPSK	16.84	18.66
DC_2A-n78(3700-3800)A	30	90	649668	123@61	CP_QPSK	16.80	18.62
DC_2A-n78(3700-3800)A	30	90	649668	1@1	CP_QPSK	16.82	18.64
DC_2A-n78(3700-3800)A	30	90	649668	1@243	CP_QPSK	16.86	18.68
DC_2A-n78(3700-3800)A	30	90	649668	245@0	CP_16QAM	16.72	18.54
DC_2A-n78(3700-3800)A	30	90	649668	123@61	CP_16QAM	16.79	18.61
DC_2A-n78(3700-3800)A	30	90	649668	1@1	CP_16QAM	16.78	18.60
DC_2A-n78(3700-3800)A	30	90	649668	1@243	CP_16QAM	16.96	18.78
DC_2A-n78(3700-3800)A	30	90	649668	245@0	CP_64QAM	16.73	18.55
DC_2A-n78(3700-3800)A	30	90	649668	123@61	CP_64QAM	16.85	18.67
DC_2A-n78(3700-3800)A	30	90	649668	1@1	CP_64QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	90	649668	1@243	CP_64QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	90	649668	245@0	CP_256QAM	14.02	15.84
DC_2A-n78(3700-3800)A	30	90	649668	123@61	CP_256QAM	14.10	15.92
DC_2A-n78(3700-3800)A	30	90	649668	1@1	CP_256QAM	13.76	15.58
DC_2A-n78(3700-3800)A	30	90	649668	1@243	CP_256QAM	13.85	15.67
DC_2A-n78(3700-3800)A	30	90	650000	240@0	DFT_BPSK	16.85	18.67
DC_2A-n78(3700-3800)A	30	90	650000	120@60	DFT_BPSK	16.82	18.64
DC_2A-n78(3700-3800)A	30	90	650000	1@1	DFT_BPSK	16.92	18.74
DC_2A-n78(3700-3800)A	30	90	650000	1@243	DFT_BPSK	16.69	18.51
DC_2A-n78(3700-3800)A	30	90	650000	240@0	DFT_QPSK	16.88	18.70
DC_2A-n78(3700-3800)A	30	90	650000	120@60	DFT_QPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	90	650000	1@1	DFT_QPSK	16.92	18.74
DC_2A-n78(3700-3800)A	30	90	650000	1@243	DFT_QPSK	16.64	18.46
DC_2A-n78(3700-3800)A	30	90	650000	240@0	DFT_16QAM	16.93	18.75
DC_2A-n78(3700-3800)A	30	90	650000	120@60	DFT_16QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	90	650000	1@1	DFT_16QAM	17.07	18.89
DC_2A-n78(3700-3800)A	30	90	650000	1@243	DFT_16QAM	16.93	18.75
DC_2A-n78(3700-3800)A	30	90	650000	240@0	DFT_64QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	90	650000	120@60	DFT_64QAM	16.85	18.67
DC_2A-n78(3700-3800)A	30	90	650000	1@1	DFT_64QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	90	650000	1@243	DFT_64QAM	16.57	18.39

DC_2A-n78(3700-3800)A	30	90	650000	240@0	DFT_256QAM	16.28	18.10
DC_2A-n78(3700-3800)A	30	90	650000	120@60	DFT_256QAM	16.44	18.26
DC_2A-n78(3700-3800)A	30	90	650000	1@1	DFT_256QAM	16.16	17.98
DC_2A-n78(3700-3800)A	30	90	650000	1@243	DFT_256QAM	15.93	17.75
DC_2A-n78(3700-3800)A	30	90	650000	245@0	CP_QPSK	16.92	18.74
DC_2A-n78(3700-3800)A	30	90	650000	123@61	CP_QPSK	16.88	18.70
DC_2A-n78(3700-3800)A	30	90	650000	1@1	CP_QPSK	16.95	18.77
DC_2A-n78(3700-3800)A	30	90	650000	1@243	CP_QPSK	16.78	18.60
DC_2A-n78(3700-3800)A	30	90	650000	245@0	CP_16QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	90	650000	123@61	CP_16QAM	16.97	18.79
DC_2A-n78(3700-3800)A	30	90	650000	1@1	CP_16QAM	16.91	18.73
DC_2A-n78(3700-3800)A	30	90	650000	1@243	CP_16QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	90	650000	245@0	CP_64QAM	16.77	18.59
DC_2A-n78(3700-3800)A	30	90	650000	123@61	CP_64QAM	16.78	18.60
DC_2A-n78(3700-3800)A	30	90	650000	1@1	CP_64QAM	16.88	18.70
DC_2A-n78(3700-3800)A	30	90	650000	1@243	CP_64QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	90	650000	245@0	CP_256QAM	14.17	15.99
DC_2A-n78(3700-3800)A	30	90	650000	123@61	CP_256QAM	14.13	15.95
DC_2A-n78(3700-3800)A	30	90	650000	1@1	CP_256QAM	14.03	15.85
DC_2A-n78(3700-3800)A	30	90	650000	1@243	CP_256QAM	13.69	15.51
DC_2A-n78(3700-3800)A	30	90	650332	240@0	DFT_BPSK	16.95	18.77
DC_2A-n78(3700-3800)A	30	90	650332	120@60	DFT_BPSK	16.94	18.76
DC_2A-n78(3700-3800)A	30	90	650332	1@1	DFT_BPSK	17.14	18.96
DC_2A-n78(3700-3800)A	30	90	650332	1@243	DFT_BPSK	16.63	18.45
DC_2A-n78(3700-3800)A	30	90	650332	240@0	DFT_QPSK	17.00	18.82
DC_2A-n78(3700-3800)A	30	90	650332	120@60	DFT_QPSK	17.00	18.82
DC_2A-n78(3700-3800)A	30	90	650332	1@1	DFT_QPSK	17.17	18.99
DC_2A-n78(3700-3800)A	30	90	650332	1@243	DFT_QPSK	16.69	18.51
DC_2A-n78(3700-3800)A	30	90	650332	240@0	DFT_16QAM	16.98	18.80
DC_2A-n78(3700-3800)A	30	90	650332	120@60	DFT_16QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	90	650332	1@1	DFT_16QAM	17.30	19.12
DC_2A-n78(3700-3800)A	30	90	650332	1@243	DFT_16QAM	16.85	18.67
DC_2A-n78(3700-3800)A	30	90	650332	240@0	DFT_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	90	650332	120@60	DFT_64QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	90	650332	1@1	DFT_64QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	90	650332	1@243	DFT_64QAM	16.62	18.44
DC_2A-n78(3700-3800)A	30	90	650332	240@0	DFT_256QAM	16.32	18.14
DC_2A-n78(3700-3800)A	30	90	650332	120@60	DFT_256QAM	16.29	18.11
DC_2A-n78(3700-3800)A	30	90	650332	1@1	DFT_256QAM	16.23	18.05
DC_2A-n78(3700-3800)A	30	90	650332	1@243	DFT_256QAM	15.81	17.63
DC_2A-n78(3700-3800)A	30	90	650332	245@0	CP_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	90	650332	123@61	CP_QPSK	16.97	18.79
DC_2A-n78(3700-3800)A	30	90	650332	1@1	CP_QPSK	17.21	19.03

DC_2A-n78(3700-3800)A	30	90	650332	1@243	CP_QPSK	16.82	18.64
DC_2A-n78(3700-3800)A	30	90	650332	245@0	CP_16QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	90	650332	123@61	CP_16QAM	17.01	18.83
DC_2A-n78(3700-3800)A	30	90	650332	1@1	CP_16QAM	17.25	19.07
DC_2A-n78(3700-3800)A	30	90	650332	1@243	CP_16QAM	16.88	18.70
DC_2A-n78(3700-3800)A	30	90	650332	245@0	CP_64QAM	17.05	18.87
DC_2A-n78(3700-3800)A	30	90	650332	123@61	CP_64QAM	17.00	18.82
DC_2A-n78(3700-3800)A	30	90	650332	1@1	CP_64QAM	17.04	18.86
DC_2A-n78(3700-3800)A	30	90	650332	1@243	CP_64QAM	16.69	18.51
DC_2A-n78(3700-3800)A	30	90	650332	245@0	CP_256QAM	14.15	15.97
DC_2A-n78(3700-3800)A	30	90	650332	123@61	CP_256QAM	14.15	15.97
DC_2A-n78(3700-3800)A	30	90	650332	1@1	CP_256QAM	14.29	16.11
DC_2A-n78(3700-3800)A	30	90	650332	1@243	CP_256QAM	13.82	15.64
DC_2A-n78(3700-3800)A	30	100	650000	270@0	DFT_BPSK	16.88	18.70
DC_2A-n78(3700-3800)A	30	100	650000	135@67	DFT_BPSK	16.91	18.73
DC_2A-n78(3700-3800)A	30	100	650000	1@1	DFT_BPSK	16.78	18.60
DC_2A-n78(3700-3800)A	30	100	650000	1@271	DFT_BPSK	16.76	18.58
DC_2A-n78(3700-3800)A	30	100	650000	270@0	DFT_QPSK	16.77	18.59
DC_2A-n78(3700-3800)A	30	100	650000	135@67	DFT_QPSK	16.89	18.71
DC_2A-n78(3700-3800)A	30	100	650000	1@1	DFT_QPSK	16.86	18.68
DC_2A-n78(3700-3800)A	30	100	650000	1@271	DFT_QPSK	16.68	18.50
DC_2A-n78(3700-3800)A	30	100	650000	270@0	DFT_16QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	100	650000	135@67	DFT_16QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	100	650000	1@1	DFT_16QAM	16.92	18.74
DC_2A-n78(3700-3800)A	30	100	650000	1@271	DFT_16QAM	16.77	18.59
DC_2A-n78(3700-3800)A	30	100	650000	270@0	DFT_64QAM	16.84	18.66
DC_2A-n78(3700-3800)A	30	100	650000	135@67	DFT_64QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	100	650000	1@1	DFT_64QAM	16.75	18.57
DC_2A-n78(3700-3800)A	30	100	650000	1@271	DFT_64QAM	16.54	18.36
DC_2A-n78(3700-3800)A	30	100	650000	270@0	DFT_256QAM	16.28	18.10
DC_2A-n78(3700-3800)A	30	100	650000	135@67	DFT_256QAM	16.45	18.27
DC_2A-n78(3700-3800)A	30	100	650000	1@1	DFT_256QAM	15.98	17.80
DC_2A-n78(3700-3800)A	30	100	650000	1@271	DFT_256QAM	15.91	17.73
DC_2A-n78(3700-3800)A	30	100	650000	273@0	CP_QPSK	16.97	18.79
DC_2A-n78(3700-3800)A	30	100	650000	137@68	CP_QPSK	17.00	18.82
DC_2A-n78(3700-3800)A	30	100	650000	1@1	CP_QPSK	16.93	18.75
DC_2A-n78(3700-3800)A	30	100	650000	1@271	CP_QPSK	16.76	18.58
DC_2A-n78(3700-3800)A	30	100	650000	273@0	CP_16QAM	16.86	18.68
DC_2A-n78(3700-3800)A	30	100	650000	137@68	CP_16QAM	16.89	18.71
DC_2A-n78(3700-3800)A	30	100	650000	1@1	CP_16QAM	16.93	18.75
DC_2A-n78(3700-3800)A	30	100	650000	1@271	CP_16QAM	16.67	18.49
DC_2A-n78(3700-3800)A	30	100	650000	273@0	CP_64QAM	16.94	18.76
DC_2A-n78(3700-3800)A	30	100	650000	137@68	CP_64QAM	16.87	18.69

DC_2A-n78(3700-3800)A	30	100	650000	1@1	CP_64QAM	16.82	18.64
DC_2A-n78(3700-3800)A	30	100	650000	1@271	CP_64QAM	16.72	18.54
DC_2A-n78(3700-3800)A	30	100	650000	273@0	CP_256QAM	14.07	15.89
DC_2A-n78(3700-3800)A	30	100	650000	137@68	CP_256QAM	14.01	15.83
DC_2A-n78(3700-3800)A	30	100	650000	1@1	CP_256QAM	13.95	15.77
DC_2A-n78(3700-3800)A	30	100	650000	1@271	CP_256QAM	13.84	15.66

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)
DC_5A-n78(3700-3800)A	30	20	647334	50@0	DFT_BPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	20	647334	25@12	DFT_BPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	20	647334	1@1	DFT_BPSK	17.09	18.91
DC_5A-n78(3700-3800)A	30	20	647334	1@49	DFT_BPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	20	647334	50@0	DFT_QPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	20	647334	25@12	DFT_QPSK	17.01	18.83
DC_5A-n78(3700-3800)A	30	20	647334	1@1	DFT_QPSK	17.19	19.01
DC_5A-n78(3700-3800)A	30	20	647334	1@49	DFT_QPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	20	647334	50@0	DFT_16QAM	17.21	19.03
DC_5A-n78(3700-3800)A	30	20	647334	25@12	DFT_16QAM	17.02	18.84
DC_5A-n78(3700-3800)A	30	20	647334	1@1	DFT_16QAM	17.12	18.94
DC_5A-n78(3700-3800)A	30	20	647334	1@49	DFT_16QAM	17.20	19.02
DC_5A-n78(3700-3800)A	30	20	647334	50@0	DFT_64QAM	17.25	19.07
DC_5A-n78(3700-3800)A	30	20	647334	25@12	DFT_64QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	20	647334	1@1	DFT_64QAM	17.03	18.85
DC_5A-n78(3700-3800)A	30	20	647334	1@49	DFT_64QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	20	647334	50@0	DFT_256QAM	16.68	18.50
DC_5A-n78(3700-3800)A	30	20	647334	25@12	DFT_256QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	20	647334	1@1	DFT_256QAM	16.29	18.11
DC_5A-n78(3700-3800)A	30	20	647334	1@49	DFT_256QAM	16.34	18.16
DC_5A-n78(3700-3800)A	30	20	647334	51@0	CP_QPSK	17.10	18.92
DC_5A-n78(3700-3800)A	30	20	647334	25@12	CP_QPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	20	647334	1@1	CP_QPSK	17.19	19.01
DC_5A-n78(3700-3800)A	30	20	647334	1@49	CP_QPSK	17.26	19.08
DC_5A-n78(3700-3800)A	30	20	647334	51@0	CP_16QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	20	647334	25@12	CP_16QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	20	647334	1@1	CP_16QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	20	647334	1@49	CP_16QAM	17.27	19.09
DC_5A-n78(3700-3800)A	30	20	647334	51@0	CP_64QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	20	647334	25@12	CP_64QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	20	647334	1@1	CP_64QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	20	647334	1@49	CP_64QAM	17.30	19.12
DC_5A-n78(3700-3800)A	30	20	647334	51@0	CP_256QAM	14.22	16.04
DC_5A-n78(3700-3800)A	30	20	647334	25@12	CP_256QAM	14.15	15.97

DC_5A-n78(3700-3800)A	30	20	647334	1@1	CP_256QAM	14.09	15.91
DC_5A-n78(3700-3800)A	30	20	647334	1@49	CP_256QAM	14.14	15.96
DC_5A-n78(3700-3800)A	30	20	650000	50@0	DFT_BPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	20	650000	25@12	DFT_BPSK	17.02	18.84
DC_5A-n78(3700-3800)A	30	20	650000	1@1	DFT_BPSK	17.34	19.16
DC_5A-n78(3700-3800)A	30	20	650000	1@49	DFT_BPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	20	650000	50@0	DFT_QPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	20	650000	25@12	DFT_QPSK	17.02	18.84
DC_5A-n78(3700-3800)A	30	20	650000	1@1	DFT_QPSK	17.39	19.21
DC_5A-n78(3700-3800)A	30	20	650000	1@49	DFT_QPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	20	650000	50@0	DFT_16QAM	17.18	19.00
DC_5A-n78(3700-3800)A	30	20	650000	25@12	DFT_16QAM	17.13	18.95
DC_5A-n78(3700-3800)A	30	20	650000	1@1	DFT_16QAM	17.48	19.30
DC_5A-n78(3700-3800)A	30	20	650000	1@49	DFT_16QAM	17.22	19.04
DC_5A-n78(3700-3800)A	30	20	650000	50@0	DFT_64QAM	17.16	18.98
DC_5A-n78(3700-3800)A	30	20	650000	25@12	DFT_64QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	20	650000	1@1	DFT_64QAM	17.26	19.08
DC_5A-n78(3700-3800)A	30	20	650000	1@49	DFT_64QAM	16.94	18.76
DC_5A-n78(3700-3800)A	30	20	650000	50@0	DFT_256QAM	16.63	18.45
DC_5A-n78(3700-3800)A	30	20	650000	25@12	DFT_256QAM	16.64	18.46
DC_5A-n78(3700-3800)A	30	20	650000	1@1	DFT_256QAM	16.57	18.39
DC_5A-n78(3700-3800)A	30	20	650000	1@49	DFT_256QAM	16.21	18.03
DC_5A-n78(3700-3800)A	30	20	650000	51@0	CP_QPSK	16.98	18.80
DC_5A-n78(3700-3800)A	30	20	650000	25@12	CP_QPSK	17.13	18.95
DC_5A-n78(3700-3800)A	30	20	650000	1@1	CP_QPSK	17.36	19.18
DC_5A-n78(3700-3800)A	30	20	650000	1@49	CP_QPSK	17.13	18.95
DC_5A-n78(3700-3800)A	30	20	650000	51@0	CP_16QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	20	650000	25@12	CP_16QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	20	650000	1@1	CP_16QAM	17.46	19.28
DC_5A-n78(3700-3800)A	30	20	650000	1@49	CP_16QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	20	650000	51@0	CP_64QAM	17.00	18.82
DC_5A-n78(3700-3800)A	30	20	650000	25@12	CP_64QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	20	650000	1@1	CP_64QAM	17.36	19.18
DC_5A-n78(3700-3800)A	30	20	650000	1@49	CP_64QAM	17.12	18.94
DC_5A-n78(3700-3800)A	30	20	650000	51@0	CP_256QAM	14.35	16.17
DC_5A-n78(3700-3800)A	30	20	650000	25@12	CP_256QAM	14.34	16.16
DC_5A-n78(3700-3800)A	30	20	650000	1@1	CP_256QAM	14.31	16.13
DC_5A-n78(3700-3800)A	30	20	650000	1@49	CP_256QAM	13.97	15.79
DC_5A-n78(3700-3800)A	30	20	652666	50@0	DFT_BPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	20	652666	25@12	DFT_BPSK	17.10	18.92
DC_5A-n78(3700-3800)A	30	20	652666	1@1	DFT_BPSK	17.23	19.05
DC_5A-n78(3700-3800)A	30	20	652666	1@49	DFT_BPSK	17.01	18.83
DC_5A-n78(3700-3800)A	30	20	652666	50@0	DFT_QPSK	17.09	18.91

DC_5A-n78(3700-3800)A	30	20	652666	25@12	DFT_QPSK	17.16	18.98
DC_5A-n78(3700-3800)A	30	20	652666	1@1	DFT_QPSK	17.22	19.04
DC_5A-n78(3700-3800)A	30	20	652666	1@49	DFT_QPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	20	652666	50@0	DFT_16QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	20	652666	25@12	DFT_16QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	20	652666	1@1	DFT_16QAM	17.34	19.16
DC_5A-n78(3700-3800)A	30	20	652666	1@49	DFT_16QAM	17.09	18.91
DC_5A-n78(3700-3800)A	30	20	652666	50@0	DFT_64QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	20	652666	25@12	DFT_64QAM	17.04	18.86
DC_5A-n78(3700-3800)A	30	20	652666	1@1	DFT_64QAM	17.00	18.82
DC_5A-n78(3700-3800)A	30	20	652666	1@49	DFT_64QAM	16.76	18.58
DC_5A-n78(3700-3800)A	30	20	652666	50@0	DFT_256QAM	16.71	18.53
DC_5A-n78(3700-3800)A	30	20	652666	25@12	DFT_256QAM	16.72	18.54
DC_5A-n78(3700-3800)A	30	20	652666	1@1	DFT_256QAM	16.51	18.33
DC_5A-n78(3700-3800)A	30	20	652666	1@49	DFT_256QAM	16.32	18.14
DC_5A-n78(3700-3800)A	30	20	652666	51@0	CP_QPSK	17.17	18.99
DC_5A-n78(3700-3800)A	30	20	652666	25@12	CP_QPSK	17.13	18.95
DC_5A-n78(3700-3800)A	30	20	652666	1@1	CP_QPSK	17.23	19.05
DC_5A-n78(3700-3800)A	30	20	652666	1@49	CP_QPSK	17.09	18.91
DC_5A-n78(3700-3800)A	30	20	652666	51@0	CP_16QAM	17.16	18.98
DC_5A-n78(3700-3800)A	30	20	652666	25@12	CP_16QAM	17.30	19.12
DC_5A-n78(3700-3800)A	30	20	652666	1@1	CP_16QAM	17.32	19.14
DC_5A-n78(3700-3800)A	30	20	652666	1@49	CP_16QAM	17.03	18.85
DC_5A-n78(3700-3800)A	30	20	652666	51@0	CP_64QAM	17.13	18.95
DC_5A-n78(3700-3800)A	30	20	652666	25@12	CP_64QAM	17.19	19.01
DC_5A-n78(3700-3800)A	30	20	652666	1@1	CP_64QAM	17.21	19.03
DC_5A-n78(3700-3800)A	30	20	652666	1@49	CP_64QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	20	652666	51@0	CP_256QAM	14.26	16.08
DC_5A-n78(3700-3800)A	30	20	652666	25@12	CP_256QAM	14.39	16.21
DC_5A-n78(3700-3800)A	30	20	652666	1@1	CP_256QAM	14.27	16.09
DC_5A-n78(3700-3800)A	30	20	652666	1@49	CP_256QAM	14.11	15.93
DC_5A-n78(3700-3800)A	30	30	647668	75@0	DFT_BPSK	17.27	19.09
DC_5A-n78(3700-3800)A	30	30	647668	36@18	DFT_BPSK	17.16	18.98
DC_5A-n78(3700-3800)A	30	30	647668	1@1	DFT_BPSK	17.09	18.91
DC_5A-n78(3700-3800)A	30	30	647668	1@76	DFT_BPSK	17.16	18.98
DC_5A-n78(3700-3800)A	30	30	647668	75@0	DFT_QPSK	17.22	19.04
DC_5A-n78(3700-3800)A	30	30	647668	36@18	DFT_QPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	30	647668	1@1	DFT_QPSK	17.02	18.84
DC_5A-n78(3700-3800)A	30	30	647668	1@76	DFT_QPSK	17.18	19.00
DC_5A-n78(3700-3800)A	30	30	647668	75@0	DFT_16QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	647668	36@18	DFT_16QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	30	647668	1@1	DFT_16QAM	17.12	18.94
DC_5A-n78(3700-3800)A	30	30	647668	1@76	DFT_16QAM	17.32	19.14

DC_5A-n78(3700-3800)A	30	30	647668	75@0	DFT_64QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	30	647668	36@18	DFT_64QAM	17.18	19.00
DC_5A-n78(3700-3800)A	30	30	647668	1@1	DFT_64QAM	16.87	18.69
DC_5A-n78(3700-3800)A	30	30	647668	1@76	DFT_64QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	30	647668	75@0	DFT_256QAM	16.52	18.34
DC_5A-n78(3700-3800)A	30	30	647668	36@18	DFT_256QAM	16.60	18.42
DC_5A-n78(3700-3800)A	30	30	647668	1@1	DFT_256QAM	16.14	17.96
DC_5A-n78(3700-3800)A	30	30	647668	1@76	DFT_256QAM	16.38	18.20
DC_5A-n78(3700-3800)A	30	30	647668	78@0	CP_QPSK	17.20	19.02
DC_5A-n78(3700-3800)A	30	30	647668	39@19	CP_QPSK	17.22	19.04
DC_5A-n78(3700-3800)A	30	30	647668	1@1	CP_QPSK	17.13	18.95
DC_5A-n78(3700-3800)A	30	30	647668	1@76	CP_QPSK	17.11	18.93
DC_5A-n78(3700-3800)A	30	30	647668	78@0	CP_16QAM	17.10	18.92
DC_5A-n78(3700-3800)A	30	30	647668	39@19	CP_16QAM	17.28	19.10
DC_5A-n78(3700-3800)A	30	30	647668	1@1	CP_16QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	647668	1@76	CP_16QAM	17.27	19.09
DC_5A-n78(3700-3800)A	30	30	647668	78@0	CP_64QAM	17.19	19.01
DC_5A-n78(3700-3800)A	30	30	647668	39@19	CP_64QAM	17.25	19.07
DC_5A-n78(3700-3800)A	30	30	647668	1@1	CP_64QAM	17.17	18.99
DC_5A-n78(3700-3800)A	30	30	647668	1@76	CP_64QAM	17.30	19.12
DC_5A-n78(3700-3800)A	30	30	647668	78@0	CP_256QAM	14.44	16.26
DC_5A-n78(3700-3800)A	30	30	647668	39@19	CP_256QAM	14.41	16.23
DC_5A-n78(3700-3800)A	30	30	647668	1@1	CP_256QAM	14.18	16.00
DC_5A-n78(3700-3800)A	30	30	647668	1@76	CP_256QAM	14.33	16.15
DC_5A-n78(3700-3800)A	30	30	650000	75@0	DFT_BPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	650000	36@18	DFT_BPSK	17.18	19.00
DC_5A-n78(3700-3800)A	30	30	650000	1@1	DFT_BPSK	17.23	19.05
DC_5A-n78(3700-3800)A	30	30	650000	1@76	DFT_BPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	30	650000	75@0	DFT_QPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	650000	36@18	DFT_QPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	650000	1@1	DFT_QPSK	17.42	19.24
DC_5A-n78(3700-3800)A	30	30	650000	1@76	DFT_QPSK	17.16	18.98
DC_5A-n78(3700-3800)A	30	30	650000	75@0	DFT_16QAM	17.00	18.82
DC_5A-n78(3700-3800)A	30	30	650000	36@18	DFT_16QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	650000	1@1	DFT_16QAM	17.41	19.23
DC_5A-n78(3700-3800)A	30	30	650000	1@76	DFT_16QAM	17.19	19.01
DC_5A-n78(3700-3800)A	30	30	650000	75@0	DFT_64QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	650000	36@18	DFT_64QAM	17.17	18.99
DC_5A-n78(3700-3800)A	30	30	650000	1@1	DFT_64QAM	17.20	19.02
DC_5A-n78(3700-3800)A	30	30	650000	1@76	DFT_64QAM	16.93	18.75
DC_5A-n78(3700-3800)A	30	30	650000	75@0	DFT_256QAM	16.72	18.54
DC_5A-n78(3700-3800)A	30	30	650000	36@18	DFT_256QAM	16.59	18.41
DC_5A-n78(3700-3800)A	30	30	650000	1@1	DFT_256QAM	16.55	18.37

DC_5A-n78(3700-3800)A	30	30	650000	1@76	DFT_256QAM	16.30	18.12
DC_5A-n78(3700-3800)A	30	30	650000	78@0	CP_QPSK	17.23	19.05
DC_5A-n78(3700-3800)A	30	30	650000	39@19	CP_QPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	650000	1@1	CP_QPSK	17.46	19.28
DC_5A-n78(3700-3800)A	30	30	650000	1@76	CP_QPSK	17.22	19.04
DC_5A-n78(3700-3800)A	30	30	650000	78@0	CP_16QAM	17.16	18.98
DC_5A-n78(3700-3800)A	30	30	650000	39@19	CP_16QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	30	650000	1@1	CP_16QAM	17.43	19.25
DC_5A-n78(3700-3800)A	30	30	650000	1@76	CP_16QAM	17.00	18.82
DC_5A-n78(3700-3800)A	30	30	650000	78@0	CP_64QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	30	650000	39@19	CP_64QAM	17.18	19.00
DC_5A-n78(3700-3800)A	30	30	650000	1@1	CP_64QAM	17.44	19.26
DC_5A-n78(3700-3800)A	30	30	650000	1@76	CP_64QAM	17.10	18.92
DC_5A-n78(3700-3800)A	30	30	650000	78@0	CP_256QAM	14.45	16.27
DC_5A-n78(3700-3800)A	30	30	650000	39@19	CP_256QAM	14.42	16.24
DC_5A-n78(3700-3800)A	30	30	650000	1@1	CP_256QAM	14.38	16.20
DC_5A-n78(3700-3800)A	30	30	650000	1@76	CP_256QAM	14.11	15.93
DC_5A-n78(3700-3800)A	30	30	652332	75@0	DFT_BPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	652332	36@18	DFT_BPSK	17.09	18.91
DC_5A-n78(3700-3800)A	30	30	652332	1@1	DFT_BPSK	17.25	19.07
DC_5A-n78(3700-3800)A	30	30	652332	1@76	DFT_BPSK	16.88	18.70
DC_5A-n78(3700-3800)A	30	30	652332	75@0	DFT_QPSK	17.20	19.02
DC_5A-n78(3700-3800)A	30	30	652332	36@18	DFT_QPSK	17.17	18.99
DC_5A-n78(3700-3800)A	30	30	652332	1@1	DFT_QPSK	17.25	19.07
DC_5A-n78(3700-3800)A	30	30	652332	1@76	DFT_QPSK	16.94	18.76
DC_5A-n78(3700-3800)A	30	30	652332	75@0	DFT_16QAM	17.00	18.82
DC_5A-n78(3700-3800)A	30	30	652332	36@18	DFT_16QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	30	652332	1@1	DFT_16QAM	17.30	19.12
DC_5A-n78(3700-3800)A	30	30	652332	1@76	DFT_16QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	30	652332	75@0	DFT_64QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	30	652332	36@18	DFT_64QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	652332	1@1	DFT_64QAM	17.10	18.92
DC_5A-n78(3700-3800)A	30	30	652332	1@76	DFT_64QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	30	652332	75@0	DFT_256QAM	16.48	18.30
DC_5A-n78(3700-3800)A	30	30	652332	36@18	DFT_256QAM	16.61	18.43
DC_5A-n78(3700-3800)A	30	30	652332	1@1	DFT_256QAM	16.23	18.05
DC_5A-n78(3700-3800)A	30	30	652332	1@76	DFT_256QAM	16.25	18.07
DC_5A-n78(3700-3800)A	30	30	652332	78@0	CP_QPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	652332	39@19	CP_QPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	30	652332	1@1	CP_QPSK	17.29	19.11
DC_5A-n78(3700-3800)A	30	30	652332	1@76	CP_QPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	30	652332	78@0	CP_16QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	30	652332	39@19	CP_16QAM	17.02	18.84

DC_5A-n78(3700-3800)A	30	30	652332	1@1	CP_16QAM	17.16	18.98
DC_5A-n78(3700-3800)A	30	30	652332	1@76	CP_16QAM	16.92	18.74
DC_5A-n78(3700-3800)A	30	30	652332	78@0	CP_64QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	30	652332	39@19	CP_64QAM	17.17	18.99
DC_5A-n78(3700-3800)A	30	30	652332	1@1	CP_64QAM	17.10	18.92
DC_5A-n78(3700-3800)A	30	30	652332	1@76	CP_64QAM	17.10	18.92
DC_5A-n78(3700-3800)A	30	30	652332	78@0	CP_256QAM	14.29	16.11
DC_5A-n78(3700-3800)A	30	30	652332	39@19	CP_256QAM	14.29	16.11
DC_5A-n78(3700-3800)A	30	30	652332	1@1	CP_256QAM	14.15	15.97
DC_5A-n78(3700-3800)A	30	30	652332	1@76	CP_256QAM	14.02	15.84
DC_5A-n78(3700-3800)A	30	40	648000	100@0	DFT_BPSK	17.39	19.21
DC_5A-n78(3700-3800)A	30	40	648000	50@25	DFT_BPSK	17.47	19.29
DC_5A-n78(3700-3800)A	30	40	648000	1@1	DFT_BPSK	17.32	19.14
DC_5A-n78(3700-3800)A	30	40	648000	1@104	DFT_BPSK	17.36	19.18
DC_5A-n78(3700-3800)A	30	40	648000	100@0	DFT_QPSK	17.32	19.14
DC_5A-n78(3700-3800)A	30	40	648000	50@25	DFT_QPSK	17.42	19.24
DC_5A-n78(3700-3800)A	30	40	648000	1@1	DFT_QPSK	17.28	19.10
DC_5A-n78(3700-3800)A	30	40	648000	1@104	DFT_QPSK	17.30	19.12
DC_5A-n78(3700-3800)A	30	40	648000	100@0	DFT_16QAM	17.32	19.14
DC_5A-n78(3700-3800)A	30	40	648000	50@25	DFT_16QAM	17.30	19.12
DC_5A-n78(3700-3800)A	30	40	648000	1@1	DFT_16QAM	17.46	19.28
DC_5A-n78(3700-3800)A	30	40	648000	1@104	DFT_16QAM	17.42	19.24
DC_5A-n78(3700-3800)A	30	40	648000	100@0	DFT_64QAM	17.48	19.30
DC_5A-n78(3700-3800)A	30	40	648000	50@25	DFT_64QAM	17.42	19.24
DC_5A-n78(3700-3800)A	30	40	648000	1@1	DFT_64QAM	17.17	18.99
DC_5A-n78(3700-3800)A	30	40	648000	1@104	DFT_64QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	40	648000	100@0	DFT_256QAM	16.91	18.73
DC_5A-n78(3700-3800)A	30	40	648000	50@25	DFT_256QAM	16.75	18.57
DC_5A-n78(3700-3800)A	30	40	648000	1@1	DFT_256QAM	16.68	18.50
DC_5A-n78(3700-3800)A	30	40	648000	1@104	DFT_256QAM	16.57	18.39
DC_5A-n78(3700-3800)A	30	40	648000	106@0	CP_QPSK	17.38	19.20
DC_5A-n78(3700-3800)A	30	40	648000	53@26	CP_QPSK	17.42	19.24
DC_5A-n78(3700-3800)A	30	40	648000	1@1	CP_QPSK	17.32	19.14
DC_5A-n78(3700-3800)A	30	40	648000	1@104	CP_QPSK	17.38	19.20
DC_5A-n78(3700-3800)A	30	40	648000	106@0	CP_16QAM	17.48	19.30
DC_5A-n78(3700-3800)A	30	40	648000	53@26	CP_16QAM	17.39	19.21
DC_5A-n78(3700-3800)A	30	40	648000	1@1	CP_16QAM	17.36	19.18
DC_5A-n78(3700-3800)A	30	40	648000	1@104	CP_16QAM	17.26	19.08
DC_5A-n78(3700-3800)A	30	40	648000	106@0	CP_64QAM	17.39	19.21
DC_5A-n78(3700-3800)A	30	40	648000	53@26	CP_64QAM	17.42	19.24
DC_5A-n78(3700-3800)A	30	40	648000	1@1	CP_64QAM	17.52	19.34
DC_5A-n78(3700-3800)A	30	40	648000	1@104	CP_64QAM	17.25	19.07
DC_5A-n78(3700-3800)A	30	40	648000	106@0	CP_256QAM	14.49	16.31

DC_5A-n78(3700-3800)A	30	40	648000	53@26	CP_256QAM	14.52	16.34
DC_5A-n78(3700-3800)A	30	40	648000	1@1	CP_256QAM	14.48	16.30
DC_5A-n78(3700-3800)A	30	40	648000	1@104	CP_256QAM	14.39	16.21
DC_5A-n78(3700-3800)A	30	40	650000	100@0	DFT_BPSK	17.20	19.02
DC_5A-n78(3700-3800)A	30	40	650000	50@25	DFT_BPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	40	650000	1@1	DFT_BPSK	17.47	19.29
DC_5A-n78(3700-3800)A	30	40	650000	1@104	DFT_BPSK	17.13	18.95
DC_5A-n78(3700-3800)A	30	40	650000	100@0	DFT_QPSK	17.28	19.10
DC_5A-n78(3700-3800)A	30	40	650000	50@25	DFT_QPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	40	650000	1@1	DFT_QPSK	17.52	19.34
DC_5A-n78(3700-3800)A	30	40	650000	1@104	DFT_QPSK	17.25	19.07
DC_5A-n78(3700-3800)A	30	40	650000	100@0	DFT_16QAM	17.18	19.00
DC_5A-n78(3700-3800)A	30	40	650000	50@25	DFT_16QAM	17.04	18.86
DC_5A-n78(3700-3800)A	30	40	650000	1@1	DFT_16QAM	17.57	19.39
DC_5A-n78(3700-3800)A	30	40	650000	1@104	DFT_16QAM	17.30	19.12
DC_5A-n78(3700-3800)A	30	40	650000	100@0	DFT_64QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	40	650000	50@25	DFT_64QAM	17.03	18.85
DC_5A-n78(3700-3800)A	30	40	650000	1@1	DFT_64QAM	17.39	19.21
DC_5A-n78(3700-3800)A	30	40	650000	1@104	DFT_64QAM	17.09	18.91
DC_5A-n78(3700-3800)A	30	40	650000	100@0	DFT_256QAM	16.67	18.49
DC_5A-n78(3700-3800)A	30	40	650000	50@25	DFT_256QAM	16.54	18.36
DC_5A-n78(3700-3800)A	30	40	650000	1@1	DFT_256QAM	16.69	18.51
DC_5A-n78(3700-3800)A	30	40	650000	1@104	DFT_256QAM	16.43	18.25
DC_5A-n78(3700-3800)A	30	40	650000	106@0	CP_QPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	40	650000	53@26	CP_QPSK	17.16	18.98
DC_5A-n78(3700-3800)A	30	40	650000	1@1	CP_QPSK	17.46	19.28
DC_5A-n78(3700-3800)A	30	40	650000	1@104	CP_QPSK	17.32	19.14
DC_5A-n78(3700-3800)A	30	40	650000	106@0	CP_16QAM	17.09	18.91
DC_5A-n78(3700-3800)A	30	40	650000	53@26	CP_16QAM	17.10	18.92
DC_5A-n78(3700-3800)A	30	40	650000	1@1	CP_16QAM	17.57	19.39
DC_5A-n78(3700-3800)A	30	40	650000	1@104	CP_16QAM	17.39	19.21
DC_5A-n78(3700-3800)A	30	40	650000	106@0	CP_64QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	40	650000	53@26	CP_64QAM	17.19	19.01
DC_5A-n78(3700-3800)A	30	40	650000	1@1	CP_64QAM	17.42	19.24
DC_5A-n78(3700-3800)A	30	40	650000	1@104	CP_64QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	40	650000	106@0	CP_256QAM	14.38	16.20
DC_5A-n78(3700-3800)A	30	40	650000	53@26	CP_256QAM	14.29	16.11
DC_5A-n78(3700-3800)A	30	40	650000	1@1	CP_256QAM	14.44	16.26
DC_5A-n78(3700-3800)A	30	40	650000	1@104	CP_256QAM	14.06	15.88
DC_5A-n78(3700-3800)A	30	40	652000	100@0	DFT_BPSK	16.97	18.79
DC_5A-n78(3700-3800)A	30	40	652000	50@25	DFT_BPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	40	652000	1@1	DFT_BPSK	17.23	19.05
DC_5A-n78(3700-3800)A	30	40	652000	1@104	DFT_BPSK	16.87	18.69

DC_5A-n78(3700-3800)A	30	40	652000	100@0	DFT_QPSK	17.00	18.82
DC_5A-n78(3700-3800)A	30	40	652000	50@25	DFT_QPSK	16.88	18.70
DC_5A-n78(3700-3800)A	30	40	652000	1@1	DFT_QPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	40	652000	1@104	DFT_QPSK	17.04	18.86
DC_5A-n78(3700-3800)A	30	40	652000	100@0	DFT_16QAM	17.03	18.85
DC_5A-n78(3700-3800)A	30	40	652000	50@25	DFT_16QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	40	652000	1@1	DFT_16QAM	17.23	19.05
DC_5A-n78(3700-3800)A	30	40	652000	1@104	DFT_16QAM	17.10	18.92
DC_5A-n78(3700-3800)A	30	40	652000	100@0	DFT_64QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	40	652000	50@25	DFT_64QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	40	652000	1@1	DFT_64QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	40	652000	1@104	DFT_64QAM	16.86	18.68
DC_5A-n78(3700-3800)A	30	40	652000	100@0	DFT_256QAM	16.52	18.34
DC_5A-n78(3700-3800)A	30	40	652000	50@25	DFT_256QAM	16.37	18.19
DC_5A-n78(3700-3800)A	30	40	652000	1@1	DFT_256QAM	16.45	18.27
DC_5A-n78(3700-3800)A	30	40	652000	1@104	DFT_256QAM	16.14	17.96
DC_5A-n78(3700-3800)A	30	40	652000	106@0	CP_QPSK	16.87	18.69
DC_5A-n78(3700-3800)A	30	40	652000	53@26	CP_QPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	40	652000	1@1	CP_QPSK	17.29	19.11
DC_5A-n78(3700-3800)A	30	40	652000	1@104	CP_QPSK	16.91	18.73
DC_5A-n78(3700-3800)A	30	40	652000	106@0	CP_16QAM	17.00	18.82
DC_5A-n78(3700-3800)A	30	40	652000	53@26	CP_16QAM	16.93	18.75
DC_5A-n78(3700-3800)A	30	40	652000	1@1	CP_16QAM	17.21	19.03
DC_5A-n78(3700-3800)A	30	40	652000	1@104	CP_16QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	40	652000	106@0	CP_64QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	40	652000	53@26	CP_64QAM	17.03	18.85
DC_5A-n78(3700-3800)A	30	40	652000	1@1	CP_64QAM	17.22	19.04
DC_5A-n78(3700-3800)A	30	40	652000	1@104	CP_64QAM	17.10	18.92
DC_5A-n78(3700-3800)A	30	40	652000	106@0	CP_256QAM	14.18	16.00
DC_5A-n78(3700-3800)A	30	40	652000	53@26	CP_256QAM	14.09	15.91
DC_5A-n78(3700-3800)A	30	40	652000	1@1	CP_256QAM	14.19	16.01
DC_5A-n78(3700-3800)A	30	40	652000	1@104	CP_256QAM	13.93	15.75
DC_5A-n78(3700-3800)A	30	50	648334	128@0	DFT_BPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	50	648334	64@32	DFT_BPSK	17.10	18.92
DC_5A-n78(3700-3800)A	30	50	648334	1@1	DFT_BPSK	16.88	18.70
DC_5A-n78(3700-3800)A	30	50	648334	1@131	DFT_BPSK	17.03	18.85
DC_5A-n78(3700-3800)A	30	50	648334	128@0	DFT_QPSK	17.03	18.85
DC_5A-n78(3700-3800)A	30	50	648334	64@32	DFT_QPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	50	648334	1@1	DFT_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	50	648334	1@131	DFT_QPSK	16.98	18.80
DC_5A-n78(3700-3800)A	30	50	648334	128@0	DFT_16QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	50	648334	64@32	DFT_16QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	50	648334	1@1	DFT_16QAM	16.92	18.74

DC_5A-n78(3700-3800)A	30	50	648334	1@131	DFT_16QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	50	648334	128@0	DFT_64QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	50	648334	64@32	DFT_64QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	50	648334	1@1	DFT_64QAM	16.85	18.67
DC_5A-n78(3700-3800)A	30	50	648334	1@131	DFT_64QAM	16.88	18.70
DC_5A-n78(3700-3800)A	30	50	648334	128@0	DFT_256QAM	16.61	18.43
DC_5A-n78(3700-3800)A	30	50	648334	64@32	DFT_256QAM	16.57	18.39
DC_5A-n78(3700-3800)A	30	50	648334	1@1	DFT_256QAM	16.14	17.96
DC_5A-n78(3700-3800)A	30	50	648334	1@131	DFT_256QAM	16.11	17.93
DC_5A-n78(3700-3800)A	30	50	648334	133@0	CP_QPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	50	648334	67@33	CP_QPSK	17.03	18.85
DC_5A-n78(3700-3800)A	30	50	648334	1@1	CP_QPSK	16.97	18.79
DC_5A-n78(3700-3800)A	30	50	648334	1@131	CP_QPSK	16.93	18.75
DC_5A-n78(3700-3800)A	30	50	648334	133@0	CP_16QAM	17.09	18.91
DC_5A-n78(3700-3800)A	30	50	648334	67@33	CP_16QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	50	648334	1@1	CP_16QAM	16.92	18.74
DC_5A-n78(3700-3800)A	30	50	648334	1@131	CP_16QAM	16.93	18.75
DC_5A-n78(3700-3800)A	30	50	648334	133@0	CP_64QAM	16.97	18.79
DC_5A-n78(3700-3800)A	30	50	648334	67@33	CP_64QAM	17.02	18.84
DC_5A-n78(3700-3800)A	30	50	648334	1@1	CP_64QAM	16.84	18.66
DC_5A-n78(3700-3800)A	30	50	648334	1@131	CP_64QAM	17.03	18.85
DC_5A-n78(3700-3800)A	30	50	648334	133@0	CP_256QAM	14.20	16.02
DC_5A-n78(3700-3800)A	30	50	648334	67@33	CP_256QAM	14.13	15.95
DC_5A-n78(3700-3800)A	30	50	648334	1@1	CP_256QAM	13.94	15.76
DC_5A-n78(3700-3800)A	30	50	648334	1@131	CP_256QAM	13.76	15.58
DC_5A-n78(3700-3800)A	30	50	650000	128@0	DFT_BPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	50	650000	64@32	DFT_BPSK	17.00	18.82
DC_5A-n78(3700-3800)A	30	50	650000	1@1	DFT_BPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	50	650000	1@131	DFT_BPSK	16.80	18.62
DC_5A-n78(3700-3800)A	30	50	650000	128@0	DFT_QPSK	17.04	18.86
DC_5A-n78(3700-3800)A	30	50	650000	64@32	DFT_QPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	50	650000	1@1	DFT_QPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	50	650000	1@131	DFT_QPSK	16.82	18.64
DC_5A-n78(3700-3800)A	30	50	650000	128@0	DFT_16QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	50	650000	64@32	DFT_16QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	50	650000	1@1	DFT_16QAM	17.26	19.08
DC_5A-n78(3700-3800)A	30	50	650000	1@131	DFT_16QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	50	650000	128@0	DFT_64QAM	17.03	18.85
DC_5A-n78(3700-3800)A	30	50	650000	64@32	DFT_64QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	50	650000	1@1	DFT_64QAM	16.82	18.64
DC_5A-n78(3700-3800)A	30	50	650000	1@131	DFT_64QAM	16.73	18.55
DC_5A-n78(3700-3800)A	30	50	650000	128@0	DFT_256QAM	16.51	18.33
DC_5A-n78(3700-3800)A	30	50	650000	64@32	DFT_256QAM	16.55	18.37

DC_5A-n78(3700-3800)A	30	50	650000	1@1	DFT_256QAM	16.32	18.14
DC_5A-n78(3700-3800)A	30	50	650000	1@131	DFT_256QAM	16.05	17.87
DC_5A-n78(3700-3800)A	30	50	650000	133@0	CP_QPSK	16.94	18.76
DC_5A-n78(3700-3800)A	30	50	650000	67@33	CP_QPSK	16.94	18.76
DC_5A-n78(3700-3800)A	30	50	650000	1@1	CP_QPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	50	650000	1@131	CP_QPSK	16.80	18.62
DC_5A-n78(3700-3800)A	30	50	650000	133@0	CP_16QAM	16.96	18.78
DC_5A-n78(3700-3800)A	30	50	650000	67@33	CP_16QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	50	650000	1@1	CP_16QAM	17.22	19.04
DC_5A-n78(3700-3800)A	30	50	650000	1@131	CP_16QAM	16.88	18.70
DC_5A-n78(3700-3800)A	30	50	650000	133@0	CP_64QAM	16.96	18.78
DC_5A-n78(3700-3800)A	30	50	650000	67@33	CP_64QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	50	650000	1@1	CP_64QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	50	650000	1@131	CP_64QAM	16.97	18.79
DC_5A-n78(3700-3800)A	30	50	650000	133@0	CP_256QAM	14.11	15.93
DC_5A-n78(3700-3800)A	30	50	650000	67@33	CP_256QAM	14.06	15.88
DC_5A-n78(3700-3800)A	30	50	650000	1@1	CP_256QAM	14.17	15.99
DC_5A-n78(3700-3800)A	30	50	650000	1@131	CP_256QAM	13.80	15.62
DC_5A-n78(3700-3800)A	30	50	651666	128@0	DFT_BPSK	16.86	18.68
DC_5A-n78(3700-3800)A	30	50	651666	64@32	DFT_BPSK	16.82	18.64
DC_5A-n78(3700-3800)A	30	50	651666	1@1	DFT_BPSK	16.98	18.80
DC_5A-n78(3700-3800)A	30	50	651666	1@131	DFT_BPSK	16.71	18.53
DC_5A-n78(3700-3800)A	30	50	651666	128@0	DFT_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	50	651666	64@32	DFT_QPSK	16.94	18.76
DC_5A-n78(3700-3800)A	30	50	651666	1@1	DFT_QPSK	16.98	18.80
DC_5A-n78(3700-3800)A	30	50	651666	1@131	DFT_QPSK	16.63	18.45
DC_5A-n78(3700-3800)A	30	50	651666	128@0	DFT_16QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	50	651666	64@32	DFT_16QAM	16.91	18.73
DC_5A-n78(3700-3800)A	30	50	651666	1@1	DFT_16QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	50	651666	1@131	DFT_16QAM	16.64	18.46
DC_5A-n78(3700-3800)A	30	50	651666	128@0	DFT_64QAM	16.86	18.68
DC_5A-n78(3700-3800)A	30	50	651666	64@32	DFT_64QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	50	651666	1@1	DFT_64QAM	16.79	18.61
DC_5A-n78(3700-3800)A	30	50	651666	1@131	DFT_64QAM	16.48	18.30
DC_5A-n78(3700-3800)A	30	50	651666	128@0	DFT_256QAM	16.30	18.12
DC_5A-n78(3700-3800)A	30	50	651666	64@32	DFT_256QAM	16.43	18.25
DC_5A-n78(3700-3800)A	30	50	651666	1@1	DFT_256QAM	16.17	17.99
DC_5A-n78(3700-3800)A	30	50	651666	1@131	DFT_256QAM	15.76	17.58
DC_5A-n78(3700-3800)A	30	50	651666	133@0	CP_QPSK	16.91	18.73
DC_5A-n78(3700-3800)A	30	50	651666	67@33	CP_QPSK	16.86	18.68
DC_5A-n78(3700-3800)A	30	50	651666	1@1	CP_QPSK	17.00	18.82
DC_5A-n78(3700-3800)A	30	50	651666	1@131	CP_QPSK	16.76	18.58
DC_5A-n78(3700-3800)A	30	50	651666	133@0	CP_16QAM	16.95	18.77

DC_5A-n78(3700-3800)A	30	50	651666	67@33	CP_16QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	50	651666	1@1	CP_16QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	50	651666	1@131	CP_16QAM	16.68	18.50
DC_5A-n78(3700-3800)A	30	50	651666	133@0	CP_64QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	50	651666	67@33	CP_64QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	50	651666	1@1	CP_64QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	50	651666	1@131	CP_64QAM	16.64	18.46
DC_5A-n78(3700-3800)A	30	50	651666	133@0	CP_256QAM	14.15	15.97
DC_5A-n78(3700-3800)A	30	50	651666	67@33	CP_256QAM	14.00	15.82
DC_5A-n78(3700-3800)A	30	50	651666	1@1	CP_256QAM	14.02	15.84
DC_5A-n78(3700-3800)A	30	50	651666	1@131	CP_256QAM	13.61	15.43
DC_5A-n78(3700-3800)A	30	60	648668	162@0	DFT_BPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	60	648668	81@40	DFT_BPSK	16.95	18.77
DC_5A-n78(3700-3800)A	30	60	648668	1@1	DFT_BPSK	16.82	18.64
DC_5A-n78(3700-3800)A	30	60	648668	1@160	DFT_BPSK	16.72	18.54
DC_5A-n78(3700-3800)A	30	60	648668	162@0	DFT_QPSK	16.96	18.78
DC_5A-n78(3700-3800)A	30	60	648668	81@40	DFT_QPSK	16.86	18.68
DC_5A-n78(3700-3800)A	30	60	648668	1@1	DFT_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	60	648668	1@160	DFT_QPSK	16.73	18.55
DC_5A-n78(3700-3800)A	30	60	648668	162@0	DFT_16QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	60	648668	81@40	DFT_16QAM	17.04	18.86
DC_5A-n78(3700-3800)A	30	60	648668	1@1	DFT_16QAM	16.96	18.78
DC_5A-n78(3700-3800)A	30	60	648668	1@160	DFT_16QAM	16.85	18.67
DC_5A-n78(3700-3800)A	30	60	648668	162@0	DFT_64QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	60	648668	81@40	DFT_64QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	60	648668	1@1	DFT_64QAM	16.69	18.51
DC_5A-n78(3700-3800)A	30	60	648668	1@160	DFT_64QAM	16.50	18.32
DC_5A-n78(3700-3800)A	30	60	648668	162@0	DFT_256QAM	16.43	18.25
DC_5A-n78(3700-3800)A	30	60	648668	81@40	DFT_256QAM	16.45	18.27
DC_5A-n78(3700-3800)A	30	60	648668	1@1	DFT_256QAM	16.00	17.82
DC_5A-n78(3700-3800)A	30	60	648668	1@160	DFT_256QAM	15.99	17.81
DC_5A-n78(3700-3800)A	30	60	648668	162@0	CP_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	60	648668	81@40	CP_QPSK	17.00	18.82
DC_5A-n78(3700-3800)A	30	60	648668	1@1	CP_QPSK	16.85	18.67
DC_5A-n78(3700-3800)A	30	60	648668	1@160	CP_QPSK	16.73	18.55
DC_5A-n78(3700-3800)A	30	60	648668	162@0	CP_16QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	60	648668	81@40	CP_16QAM	16.87	18.69
DC_5A-n78(3700-3800)A	30	60	648668	1@1	CP_16QAM	16.78	18.60
DC_5A-n78(3700-3800)A	30	60	648668	1@160	CP_16QAM	16.71	18.53
DC_5A-n78(3700-3800)A	30	60	648668	162@0	CP_64QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	60	648668	81@40	CP_64QAM	16.96	18.78
DC_5A-n78(3700-3800)A	30	60	648668	1@1	CP_64QAM	16.91	18.73
DC_5A-n78(3700-3800)A	30	60	648668	1@160	CP_64QAM	16.80	18.62

DC_5A-n78(3700-3800)A	30	60	648668	162@0	CP_256QAM	14.14	15.96
DC_5A-n78(3700-3800)A	30	60	648668	81@40	CP_256QAM	14.12	15.94
DC_5A-n78(3700-3800)A	30	60	648668	1@1	CP_256QAM	14.02	15.84
DC_5A-n78(3700-3800)A	30	60	648668	1@160	CP_256QAM	13.83	15.65
DC_5A-n78(3700-3800)A	30	60	650000	162@0	DFT_BPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	60	650000	81@40	DFT_BPSK	16.93	18.75
DC_5A-n78(3700-3800)A	30	60	650000	1@1	DFT_BPSK	17.23	19.05
DC_5A-n78(3700-3800)A	30	60	650000	1@160	DFT_BPSK	16.87	18.69
DC_5A-n78(3700-3800)A	30	60	650000	162@0	DFT_QPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	60	650000	81@40	DFT_QPSK	17.11	18.93
DC_5A-n78(3700-3800)A	30	60	650000	1@1	DFT_QPSK	17.30	19.12
DC_5A-n78(3700-3800)A	30	60	650000	1@160	DFT_QPSK	16.93	18.75
DC_5A-n78(3700-3800)A	30	60	650000	162@0	DFT_16QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	60	650000	81@40	DFT_16QAM	16.97	18.79
DC_5A-n78(3700-3800)A	30	60	650000	1@1	DFT_16QAM	17.32	19.14
DC_5A-n78(3700-3800)A	30	60	650000	1@160	DFT_16QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	60	650000	162@0	DFT_64QAM	17.11	18.93
DC_5A-n78(3700-3800)A	30	60	650000	81@40	DFT_64QAM	17.02	18.84
DC_5A-n78(3700-3800)A	30	60	650000	1@1	DFT_64QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	60	650000	1@160	DFT_64QAM	16.71	18.53
DC_5A-n78(3700-3800)A	30	60	650000	162@0	DFT_256QAM	16.55	18.37
DC_5A-n78(3700-3800)A	30	60	650000	81@40	DFT_256QAM	16.62	18.44
DC_5A-n78(3700-3800)A	30	60	650000	1@1	DFT_256QAM	16.39	18.21
DC_5A-n78(3700-3800)A	30	60	650000	1@160	DFT_256QAM	16.17	17.99
DC_5A-n78(3700-3800)A	30	60	650000	162@0	CP_QPSK	16.97	18.79
DC_5A-n78(3700-3800)A	30	60	650000	81@40	CP_QPSK	16.93	18.75
DC_5A-n78(3700-3800)A	30	60	650000	1@1	CP_QPSK	17.09	18.91
DC_5A-n78(3700-3800)A	30	60	650000	1@160	CP_QPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	60	650000	162@0	CP_16QAM	17.03	18.85
DC_5A-n78(3700-3800)A	30	60	650000	81@40	CP_16QAM	16.93	18.75
DC_5A-n78(3700-3800)A	30	60	650000	1@1	CP_16QAM	17.23	19.05
DC_5A-n78(3700-3800)A	30	60	650000	1@160	CP_16QAM	16.93	18.75
DC_5A-n78(3700-3800)A	30	60	650000	162@0	CP_64QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	60	650000	81@40	CP_64QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	60	650000	1@1	CP_64QAM	17.28	19.10
DC_5A-n78(3700-3800)A	30	60	650000	1@160	CP_64QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	60	650000	162@0	CP_256QAM	14.18	16.00
DC_5A-n78(3700-3800)A	30	60	650000	81@40	CP_256QAM	14.20	16.02
DC_5A-n78(3700-3800)A	30	60	650000	1@1	CP_256QAM	14.11	15.93
DC_5A-n78(3700-3800)A	30	60	650000	1@160	CP_256QAM	13.75	15.57
DC_5A-n78(3700-3800)A	30	60	651332	162@0	DFT_BPSK	16.92	18.74
DC_5A-n78(3700-3800)A	30	60	651332	81@40	DFT_BPSK	16.93	18.75
DC_5A-n78(3700-3800)A	30	60	651332	1@1	DFT_BPSK	17.04	18.86

DC_5A-n78(3700-3800)A	30	60	651332	1@160	DFT_BPSK	16.87	18.69
DC_5A-n78(3700-3800)A	30	60	651332	162@0	DFT_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	60	651332	81@40	DFT_QPSK	16.93	18.75
DC_5A-n78(3700-3800)A	30	60	651332	1@1	DFT_QPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	60	651332	1@160	DFT_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	60	651332	162@0	DFT_16QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	60	651332	81@40	DFT_16QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	60	651332	1@1	DFT_16QAM	17.13	18.95
DC_5A-n78(3700-3800)A	30	60	651332	1@160	DFT_16QAM	16.94	18.76
DC_5A-n78(3700-3800)A	30	60	651332	162@0	DFT_64QAM	17.02	18.84
DC_5A-n78(3700-3800)A	30	60	651332	81@40	DFT_64QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	60	651332	1@1	DFT_64QAM	16.96	18.78
DC_5A-n78(3700-3800)A	30	60	651332	1@160	DFT_64QAM	16.72	18.54
DC_5A-n78(3700-3800)A	30	60	651332	162@0	DFT_256QAM	16.47	18.29
DC_5A-n78(3700-3800)A	30	60	651332	81@40	DFT_256QAM	16.43	18.25
DC_5A-n78(3700-3800)A	30	60	651332	1@1	DFT_256QAM	16.25	18.07
DC_5A-n78(3700-3800)A	30	60	651332	1@160	DFT_256QAM	16.01	17.83
DC_5A-n78(3700-3800)A	30	60	651332	162@0	CP_QPSK	17.00	18.82
DC_5A-n78(3700-3800)A	30	60	651332	81@40	CP_QPSK	16.94	18.76
DC_5A-n78(3700-3800)A	30	60	651332	1@1	CP_QPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	60	651332	1@160	CP_QPSK	16.85	18.67
DC_5A-n78(3700-3800)A	30	60	651332	162@0	CP_16QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	60	651332	81@40	CP_16QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	60	651332	1@1	CP_16QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	60	651332	1@160	CP_16QAM	16.94	18.76
DC_5A-n78(3700-3800)A	30	60	651332	162@0	CP_64QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	60	651332	81@40	CP_64QAM	16.97	18.79
DC_5A-n78(3700-3800)A	30	60	651332	1@1	CP_64QAM	17.12	18.94
DC_5A-n78(3700-3800)A	30	60	651332	1@160	CP_64QAM	16.92	18.74
DC_5A-n78(3700-3800)A	30	60	651332	162@0	CP_256QAM	14.27	16.09
DC_5A-n78(3700-3800)A	30	60	651332	81@40	CP_256QAM	13.96	15.78
DC_5A-n78(3700-3800)A	30	60	651332	1@1	CP_256QAM	14.05	15.87
DC_5A-n78(3700-3800)A	30	60	651332	1@160	CP_256QAM	13.88	15.70
DC_5A-n78(3700-3800)A	30	70	649000	180@0	DFT_BPSK	16.55	18.37
DC_5A-n78(3700-3800)A	30	70	649000	90@45	DFT_BPSK	16.62	18.44
DC_5A-n78(3700-3800)A	30	70	649000	1@1	DFT_BPSK	16.53	18.35
DC_5A-n78(3700-3800)A	30	70	649000	1@187	DFT_BPSK	16.52	18.34
DC_5A-n78(3700-3800)A	30	70	649000	180@0	DFT_QPSK	16.62	18.44
DC_5A-n78(3700-3800)A	30	70	649000	90@45	DFT_QPSK	16.64	18.46
DC_5A-n78(3700-3800)A	30	70	649000	1@1	DFT_QPSK	16.64	18.46
DC_5A-n78(3700-3800)A	30	70	649000	1@187	DFT_QPSK	16.57	18.39
DC_5A-n78(3700-3800)A	30	70	649000	180@0	DFT_16QAM	16.59	18.41
DC_5A-n78(3700-3800)A	30	70	649000	90@45	DFT_16QAM	16.63	18.45

DC_5A-n78(3700-3800)A	30	70	649000	1@1	DFT_16QAM	16.68	18.50
DC_5A-n78(3700-3800)A	30	70	649000	1@187	DFT_16QAM	16.75	18.57
DC_5A-n78(3700-3800)A	30	70	649000	180@0	DFT_64QAM	16.64	18.46
DC_5A-n78(3700-3800)A	30	70	649000	90@45	DFT_64QAM	16.55	18.37
DC_5A-n78(3700-3800)A	30	70	649000	1@1	DFT_64QAM	16.32	18.14
DC_5A-n78(3700-3800)A	30	70	649000	1@187	DFT_64QAM	16.26	18.08
DC_5A-n78(3700-3800)A	30	70	649000	180@0	DFT_256QAM	16.02	17.84
DC_5A-n78(3700-3800)A	30	70	649000	90@45	DFT_256QAM	16.11	17.93
DC_5A-n78(3700-3800)A	30	70	649000	1@1	DFT_256QAM	15.83	17.65
DC_5A-n78(3700-3800)A	30	70	649000	1@187	DFT_256QAM	15.76	17.58
DC_5A-n78(3700-3800)A	30	70	649000	189@0	CP_QPSK	16.64	18.46
DC_5A-n78(3700-3800)A	30	70	649000	95@47	CP_QPSK	16.55	18.37
DC_5A-n78(3700-3800)A	30	70	649000	1@1	CP_QPSK	16.52	18.34
DC_5A-n78(3700-3800)A	30	70	649000	1@187	CP_QPSK	16.50	18.32
DC_5A-n78(3700-3800)A	30	70	649000	189@0	CP_16QAM	16.51	18.33
DC_5A-n78(3700-3800)A	30	70	649000	95@47	CP_16QAM	16.61	18.43
DC_5A-n78(3700-3800)A	30	70	649000	1@1	CP_16QAM	16.50	18.32
DC_5A-n78(3700-3800)A	30	70	649000	1@187	CP_16QAM	16.71	18.53
DC_5A-n78(3700-3800)A	30	70	649000	189@0	CP_64QAM	16.64	18.46
DC_5A-n78(3700-3800)A	30	70	649000	95@47	CP_64QAM	16.67	18.49
DC_5A-n78(3700-3800)A	30	70	649000	1@1	CP_64QAM	16.63	18.45
DC_5A-n78(3700-3800)A	30	70	649000	1@187	CP_64QAM	16.59	18.41
DC_5A-n78(3700-3800)A	30	70	649000	189@0	CP_256QAM	13.84	15.66
DC_5A-n78(3700-3800)A	30	70	649000	95@47	CP_256QAM	13.72	15.54
DC_5A-n78(3700-3800)A	30	70	649000	1@1	CP_256QAM	13.59	15.41
DC_5A-n78(3700-3800)A	30	70	649000	1@187	CP_256QAM	13.55	15.37
DC_5A-n78(3700-3800)A	30	70	650000	180@0	DFT_BPSK	16.80	18.62
DC_5A-n78(3700-3800)A	30	70	650000	90@45	DFT_BPSK	16.84	18.66
DC_5A-n78(3700-3800)A	30	70	650000	1@1	DFT_BPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	70	650000	1@187	DFT_BPSK	16.69	18.51
DC_5A-n78(3700-3800)A	30	70	650000	180@0	DFT_QPSK	16.92	18.74
DC_5A-n78(3700-3800)A	30	70	650000	90@45	DFT_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	70	650000	1@1	DFT_QPSK	17.07	18.89
DC_5A-n78(3700-3800)A	30	70	650000	1@187	DFT_QPSK	16.61	18.43
DC_5A-n78(3700-3800)A	30	70	650000	180@0	DFT_16QAM	16.87	18.69
DC_5A-n78(3700-3800)A	30	70	650000	90@45	DFT_16QAM	16.82	18.64
DC_5A-n78(3700-3800)A	30	70	650000	1@1	DFT_16QAM	17.19	19.01
DC_5A-n78(3700-3800)A	30	70	650000	1@187	DFT_16QAM	16.75	18.57
DC_5A-n78(3700-3800)A	30	70	650000	180@0	DFT_64QAM	16.84	18.66
DC_5A-n78(3700-3800)A	30	70	650000	90@45	DFT_64QAM	16.76	18.58
DC_5A-n78(3700-3800)A	30	70	650000	1@1	DFT_64QAM	16.88	18.70
DC_5A-n78(3700-3800)A	30	70	650000	1@187	DFT_64QAM	16.57	18.39
DC_5A-n78(3700-3800)A	30	70	650000	180@0	DFT_256QAM	16.37	18.19

DC_5A-n78(3700-3800)A	30	70	650000	90@45	DFT_256QAM	16.28	18.10
DC_5A-n78(3700-3800)A	30	70	650000	1@1	DFT_256QAM	16.18	18.00
DC_5A-n78(3700-3800)A	30	70	650000	1@187	DFT_256QAM	15.86	17.68
DC_5A-n78(3700-3800)A	30	70	650000	189@0	CP_QPSK	16.77	18.59
DC_5A-n78(3700-3800)A	30	70	650000	95@47	CP_QPSK	16.79	18.61
DC_5A-n78(3700-3800)A	30	70	650000	1@1	CP_QPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	70	650000	1@187	CP_QPSK	16.43	18.25
DC_5A-n78(3700-3800)A	30	70	650000	189@0	CP_16QAM	16.84	18.66
DC_5A-n78(3700-3800)A	30	70	650000	95@47	CP_16QAM	16.87	18.69
DC_5A-n78(3700-3800)A	30	70	650000	1@1	CP_16QAM	17.02	18.84
DC_5A-n78(3700-3800)A	30	70	650000	1@187	CP_16QAM	16.59	18.41
DC_5A-n78(3700-3800)A	30	70	650000	189@0	CP_64QAM	16.77	18.59
DC_5A-n78(3700-3800)A	30	70	650000	95@47	CP_64QAM	16.77	18.59
DC_5A-n78(3700-3800)A	30	70	650000	1@1	CP_64QAM	17.23	19.05
DC_5A-n78(3700-3800)A	30	70	650000	1@187	CP_64QAM	16.72	18.54
DC_5A-n78(3700-3800)A	30	70	650000	189@0	CP_256QAM	14.06	15.88
DC_5A-n78(3700-3800)A	30	70	650000	95@47	CP_256QAM	14.04	15.86
DC_5A-n78(3700-3800)A	30	70	650000	1@1	CP_256QAM	14.11	15.93
DC_5A-n78(3700-3800)A	30	70	650000	1@187	CP_256QAM	13.59	15.41
DC_5A-n78(3700-3800)A	30	70	651000	180@0	DFT_BPSK	16.76	18.58
DC_5A-n78(3700-3800)A	30	70	651000	90@45	DFT_BPSK	16.73	18.55
DC_5A-n78(3700-3800)A	30	70	651000	1@1	DFT_BPSK	17.01	18.83
DC_5A-n78(3700-3800)A	30	70	651000	1@187	DFT_BPSK	16.73	18.55
DC_5A-n78(3700-3800)A	30	70	651000	180@0	DFT_QPSK	16.77	18.59
DC_5A-n78(3700-3800)A	30	70	651000	90@45	DFT_QPSK	16.80	18.62
DC_5A-n78(3700-3800)A	30	70	651000	1@1	DFT_QPSK	16.92	18.74
DC_5A-n78(3700-3800)A	30	70	651000	1@187	DFT_QPSK	16.79	18.61
DC_5A-n78(3700-3800)A	30	70	651000	180@0	DFT_16QAM	16.73	18.55
DC_5A-n78(3700-3800)A	30	70	651000	90@45	DFT_16QAM	16.71	18.53
DC_5A-n78(3700-3800)A	30	70	651000	1@1	DFT_16QAM	16.96	18.78
DC_5A-n78(3700-3800)A	30	70	651000	1@187	DFT_16QAM	16.84	18.66
DC_5A-n78(3700-3800)A	30	70	651000	180@0	DFT_64QAM	16.70	18.52
DC_5A-n78(3700-3800)A	30	70	651000	90@45	DFT_64QAM	16.79	18.61
DC_5A-n78(3700-3800)A	30	70	651000	1@1	DFT_64QAM	16.75	18.57
DC_5A-n78(3700-3800)A	30	70	651000	1@187	DFT_64QAM	16.57	18.39
DC_5A-n78(3700-3800)A	30	70	651000	180@0	DFT_256QAM	16.27	18.09
DC_5A-n78(3700-3800)A	30	70	651000	90@45	DFT_256QAM	16.20	18.02
DC_5A-n78(3700-3800)A	30	70	651000	1@1	DFT_256QAM	16.10	17.92
DC_5A-n78(3700-3800)A	30	70	651000	1@187	DFT_256QAM	15.93	17.75
DC_5A-n78(3700-3800)A	30	70	651000	189@0	CP_QPSK	16.78	18.60
DC_5A-n78(3700-3800)A	30	70	651000	95@47	CP_QPSK	16.80	18.62
DC_5A-n78(3700-3800)A	30	70	651000	1@1	CP_QPSK	16.82	18.64
DC_5A-n78(3700-3800)A	30	70	651000	1@187	CP_QPSK	16.89	18.71

DC_5A-n78(3700-3800)A	30	70	651000	189@0	CP_16QAM	16.78	18.60
DC_5A-n78(3700-3800)A	30	70	651000	95@47	CP_16QAM	16.76	18.58
DC_5A-n78(3700-3800)A	30	70	651000	1@1	CP_16QAM	16.96	18.78
DC_5A-n78(3700-3800)A	30	70	651000	1@187	CP_16QAM	16.88	18.70
DC_5A-n78(3700-3800)A	30	70	651000	189@0	CP_64QAM	16.78	18.60
DC_5A-n78(3700-3800)A	30	70	651000	95@47	CP_64QAM	16.73	18.55
DC_5A-n78(3700-3800)A	30	70	651000	1@1	CP_64QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	70	651000	1@187	CP_64QAM	16.92	18.74
DC_5A-n78(3700-3800)A	30	70	651000	189@0	CP_256QAM	14.00	15.82
DC_5A-n78(3700-3800)A	30	70	651000	95@47	CP_256QAM	13.91	15.73
DC_5A-n78(3700-3800)A	30	70	651000	1@1	CP_256QAM	14.05	15.87
DC_5A-n78(3700-3800)A	30	70	651000	1@187	CP_256QAM	13.72	15.54
DC_5A-n78(3700-3800)A	30	80	649334	216@0	DFT_BPSK	16.70	18.52
DC_5A-n78(3700-3800)A	30	80	649334	108@54	DFT_BPSK	16.80	18.62
DC_5A-n78(3700-3800)A	30	80	649334	1@1	DFT_BPSK	16.72	18.54
DC_5A-n78(3700-3800)A	30	80	649334	1@215	DFT_BPSK	16.59	18.41
DC_5A-n78(3700-3800)A	30	80	649334	216@0	DFT_QPSK	16.76	18.58
DC_5A-n78(3700-3800)A	30	80	649334	108@54	DFT_QPSK	16.79	18.61
DC_5A-n78(3700-3800)A	30	80	649334	1@1	DFT_QPSK	16.73	18.55
DC_5A-n78(3700-3800)A	30	80	649334	1@215	DFT_QPSK	16.59	18.41
DC_5A-n78(3700-3800)A	30	80	649334	216@0	DFT_16QAM	16.68	18.50
DC_5A-n78(3700-3800)A	30	80	649334	108@54	DFT_16QAM	16.77	18.59
DC_5A-n78(3700-3800)A	30	80	649334	1@1	DFT_16QAM	16.82	18.64
DC_5A-n78(3700-3800)A	30	80	649334	1@215	DFT_16QAM	16.78	18.60
DC_5A-n78(3700-3800)A	30	80	649334	216@0	DFT_64QAM	16.76	18.58
DC_5A-n78(3700-3800)A	30	80	649334	108@54	DFT_64QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	80	649334	1@1	DFT_64QAM	16.45	18.27
DC_5A-n78(3700-3800)A	30	80	649334	1@215	DFT_64QAM	16.34	18.16
DC_5A-n78(3700-3800)A	30	80	649334	216@0	DFT_256QAM	16.30	18.12
DC_5A-n78(3700-3800)A	30	80	649334	108@54	DFT_256QAM	16.19	18.01
DC_5A-n78(3700-3800)A	30	80	649334	1@1	DFT_256QAM	15.86	17.68
DC_5A-n78(3700-3800)A	30	80	649334	1@215	DFT_256QAM	15.83	17.65
DC_5A-n78(3700-3800)A	30	80	649334	217@0	CP_QPSK	16.77	18.59
DC_5A-n78(3700-3800)A	30	80	649334	109@54	CP_QPSK	16.82	18.64
DC_5A-n78(3700-3800)A	30	80	649334	1@1	CP_QPSK	16.85	18.67
DC_5A-n78(3700-3800)A	30	80	649334	1@215	CP_QPSK	16.69	18.51
DC_5A-n78(3700-3800)A	30	80	649334	217@0	CP_16QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	80	649334	109@54	CP_16QAM	16.84	18.66
DC_5A-n78(3700-3800)A	30	80	649334	1@1	CP_16QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	80	649334	1@215	CP_16QAM	16.70	18.52
DC_5A-n78(3700-3800)A	30	80	649334	217@0	CP_64QAM	16.85	18.67
DC_5A-n78(3700-3800)A	30	80	649334	109@54	CP_64QAM	16.64	18.46
DC_5A-n78(3700-3800)A	30	80	649334	1@1	CP_64QAM	16.80	18.62

DC_5A-n78(3700-3800)A	30	80	649334	1@215	CP_64QAM	16.67	18.49
DC_5A-n78(3700-3800)A	30	80	649334	217@0	CP_256QAM	13.92	15.74
DC_5A-n78(3700-3800)A	30	80	649334	109@54	CP_256QAM	14.03	15.85
DC_5A-n78(3700-3800)A	30	80	649334	1@1	CP_256QAM	13.62	15.44
DC_5A-n78(3700-3800)A	30	80	649334	1@215	CP_256QAM	13.69	15.51
DC_5A-n78(3700-3800)A	30	80	650000	216@0	DFT_BPSK	16.77	18.59
DC_5A-n78(3700-3800)A	30	80	650000	108@54	DFT_BPSK	16.76	18.58
DC_5A-n78(3700-3800)A	30	80	650000	1@1	DFT_BPSK	17.00	18.82
DC_5A-n78(3700-3800)A	30	80	650000	1@215	DFT_BPSK	16.55	18.37
DC_5A-n78(3700-3800)A	30	80	650000	216@0	DFT_QPSK	16.85	18.67
DC_5A-n78(3700-3800)A	30	80	650000	108@54	DFT_QPSK	16.94	18.76
DC_5A-n78(3700-3800)A	30	80	650000	1@1	DFT_QPSK	16.98	18.80
DC_5A-n78(3700-3800)A	30	80	650000	1@215	DFT_QPSK	16.63	18.45
DC_5A-n78(3700-3800)A	30	80	650000	216@0	DFT_16QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	80	650000	108@54	DFT_16QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	80	650000	1@1	DFT_16QAM	17.13	18.95
DC_5A-n78(3700-3800)A	30	80	650000	1@215	DFT_16QAM	16.78	18.60
DC_5A-n78(3700-3800)A	30	80	650000	216@0	DFT_64QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	80	650000	108@54	DFT_64QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	80	650000	1@1	DFT_64QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	80	650000	1@215	DFT_64QAM	16.52	18.34
DC_5A-n78(3700-3800)A	30	80	650000	216@0	DFT_256QAM	16.39	18.21
DC_5A-n78(3700-3800)A	30	80	650000	108@54	DFT_256QAM	16.22	18.04
DC_5A-n78(3700-3800)A	30	80	650000	1@1	DFT_256QAM	16.22	18.04
DC_5A-n78(3700-3800)A	30	80	650000	1@215	DFT_256QAM	15.88	17.70
DC_5A-n78(3700-3800)A	30	80	650000	217@0	CP_QPSK	16.91	18.73
DC_5A-n78(3700-3800)A	30	80	650000	109@54	CP_QPSK	16.94	18.76
DC_5A-n78(3700-3800)A	30	80	650000	1@1	CP_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	80	650000	1@215	CP_QPSK	16.57	18.39
DC_5A-n78(3700-3800)A	30	80	650000	217@0	CP_16QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	80	650000	109@54	CP_16QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	80	650000	1@1	CP_16QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	80	650000	1@215	CP_16QAM	16.82	18.64
DC_5A-n78(3700-3800)A	30	80	650000	217@0	CP_64QAM	16.79	18.61
DC_5A-n78(3700-3800)A	30	80	650000	109@54	CP_64QAM	16.96	18.78
DC_5A-n78(3700-3800)A	30	80	650000	1@1	CP_64QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	80	650000	1@215	CP_64QAM	16.66	18.48
DC_5A-n78(3700-3800)A	30	80	650000	217@0	CP_256QAM	14.13	15.95
DC_5A-n78(3700-3800)A	30	80	650000	109@54	CP_256QAM	14.08	15.90
DC_5A-n78(3700-3800)A	30	80	650000	1@1	CP_256QAM	14.06	15.88
DC_5A-n78(3700-3800)A	30	80	650000	1@215	CP_256QAM	13.68	15.50
DC_5A-n78(3700-3800)A	30	80	650666	216@0	DFT_BPSK	16.94	18.76
DC_5A-n78(3700-3800)A	30	80	650666	108@54	DFT_BPSK	16.89	18.71

DC_5A-n78(3700-3800)A	30	80	650666	1@1	DFT_BPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	80	650666	1@215	DFT_BPSK	16.66	18.48
DC_5A-n78(3700-3800)A	30	80	650666	216@0	DFT_QPSK	16.87	18.69
DC_5A-n78(3700-3800)A	30	80	650666	108@54	DFT_QPSK	16.86	18.68
DC_5A-n78(3700-3800)A	30	80	650666	1@1	DFT_QPSK	17.12	18.94
DC_5A-n78(3700-3800)A	30	80	650666	1@215	DFT_QPSK	16.72	18.54
DC_5A-n78(3700-3800)A	30	80	650666	216@0	DFT_16QAM	16.75	18.57
DC_5A-n78(3700-3800)A	30	80	650666	108@54	DFT_16QAM	16.93	18.75
DC_5A-n78(3700-3800)A	30	80	650666	1@1	DFT_16QAM	17.20	19.02
DC_5A-n78(3700-3800)A	30	80	650666	1@215	DFT_16QAM	16.77	18.59
DC_5A-n78(3700-3800)A	30	80	650666	216@0	DFT_64QAM	16.77	18.59
DC_5A-n78(3700-3800)A	30	80	650666	108@54	DFT_64QAM	16.73	18.55
DC_5A-n78(3700-3800)A	30	80	650666	1@1	DFT_64QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	80	650666	1@215	DFT_64QAM	16.48	18.30
DC_5A-n78(3700-3800)A	30	80	650666	216@0	DFT_256QAM	16.38	18.20
DC_5A-n78(3700-3800)A	30	80	650666	108@54	DFT_256QAM	16.26	18.08
DC_5A-n78(3700-3800)A	30	80	650666	1@1	DFT_256QAM	16.29	18.11
DC_5A-n78(3700-3800)A	30	80	650666	1@215	DFT_256QAM	15.82	17.64
DC_5A-n78(3700-3800)A	30	80	650666	217@0	CP_QPSK	16.73	18.55
DC_5A-n78(3700-3800)A	30	80	650666	109@54	CP_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	80	650666	1@1	CP_QPSK	17.19	19.01
DC_5A-n78(3700-3800)A	30	80	650666	1@215	CP_QPSK	16.67	18.49
DC_5A-n78(3700-3800)A	30	80	650666	217@0	CP_16QAM	16.88	18.70
DC_5A-n78(3700-3800)A	30	80	650666	109@54	CP_16QAM	16.86	18.68
DC_5A-n78(3700-3800)A	30	80	650666	1@1	CP_16QAM	17.37	19.19
DC_5A-n78(3700-3800)A	30	80	650666	1@215	CP_16QAM	16.69	18.51
DC_5A-n78(3700-3800)A	30	80	650666	217@0	CP_64QAM	16.91	18.73
DC_5A-n78(3700-3800)A	30	80	650666	109@54	CP_64QAM	16.88	18.70
DC_5A-n78(3700-3800)A	30	80	650666	1@1	CP_64QAM	17.26	19.08
DC_5A-n78(3700-3800)A	30	80	650666	1@215	CP_64QAM	16.76	18.58
DC_5A-n78(3700-3800)A	30	80	650666	217@0	CP_256QAM	14.02	15.84
DC_5A-n78(3700-3800)A	30	80	650666	109@54	CP_256QAM	14.06	15.88
DC_5A-n78(3700-3800)A	30	80	650666	1@1	CP_256QAM	14.04	15.86
DC_5A-n78(3700-3800)A	30	80	650666	1@215	CP_256QAM	13.70	15.52
DC_5A-n78(3700-3800)A	30	90	649668	240@0	DFT_BPSK	16.80	18.62
DC_5A-n78(3700-3800)A	30	90	649668	120@60	DFT_BPSK	16.86	18.68
DC_5A-n78(3700-3800)A	30	90	649668	1@1	DFT_BPSK	16.66	18.48
DC_5A-n78(3700-3800)A	30	90	649668	1@243	DFT_BPSK	16.75	18.57
DC_5A-n78(3700-3800)A	30	90	649668	240@0	DFT_QPSK	16.79	18.61
DC_5A-n78(3700-3800)A	30	90	649668	120@60	DFT_QPSK	16.82	18.64
DC_5A-n78(3700-3800)A	30	90	649668	1@1	DFT_QPSK	16.77	18.59
DC_5A-n78(3700-3800)A	30	90	649668	1@243	DFT_QPSK	16.77	18.59
DC_5A-n78(3700-3800)A	30	90	649668	240@0	DFT_16QAM	16.89	18.71

DC_5A-n78(3700-3800)A	30	90	649668	120@60	DFT_16QAM	16.84	18.66
DC_5A-n78(3700-3800)A	30	90	649668	1@1	DFT_16QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	90	649668	1@243	DFT_16QAM	16.93	18.75
DC_5A-n78(3700-3800)A	30	90	649668	240@0	DFT_64QAM	16.67	18.49
DC_5A-n78(3700-3800)A	30	90	649668	120@60	DFT_64QAM	16.76	18.58
DC_5A-n78(3700-3800)A	30	90	649668	1@1	DFT_64QAM	16.63	18.45
DC_5A-n78(3700-3800)A	30	90	649668	1@243	DFT_64QAM	16.73	18.55
DC_5A-n78(3700-3800)A	30	90	649668	240@0	DFT_256QAM	16.14	17.96
DC_5A-n78(3700-3800)A	30	90	649668	120@60	DFT_256QAM	16.32	18.14
DC_5A-n78(3700-3800)A	30	90	649668	1@1	DFT_256QAM	15.90	17.72
DC_5A-n78(3700-3800)A	30	90	649668	1@243	DFT_256QAM	15.88	17.70
DC_5A-n78(3700-3800)A	30	90	649668	245@0	CP_QPSK	16.85	18.67
DC_5A-n78(3700-3800)A	30	90	649668	123@61	CP_QPSK	16.75	18.57
DC_5A-n78(3700-3800)A	30	90	649668	1@1	CP_QPSK	16.69	18.51
DC_5A-n78(3700-3800)A	30	90	649668	1@243	CP_QPSK	16.86	18.68
DC_5A-n78(3700-3800)A	30	90	649668	245@0	CP_16QAM	16.93	18.75
DC_5A-n78(3700-3800)A	30	90	649668	123@61	CP_16QAM	16.95	18.77
DC_5A-n78(3700-3800)A	30	90	649668	1@1	CP_16QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	90	649668	1@243	CP_16QAM	16.97	18.79
DC_5A-n78(3700-3800)A	30	90	649668	245@0	CP_64QAM	16.87	18.69
DC_5A-n78(3700-3800)A	30	90	649668	123@61	CP_64QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	90	649668	1@1	CP_64QAM	16.82	18.64
DC_5A-n78(3700-3800)A	30	90	649668	1@243	CP_64QAM	16.91	18.73
DC_5A-n78(3700-3800)A	30	90	649668	245@0	CP_256QAM	14.14	15.96
DC_5A-n78(3700-3800)A	30	90	649668	123@61	CP_256QAM	14.02	15.84
DC_5A-n78(3700-3800)A	30	90	649668	1@1	CP_256QAM	13.85	15.67
DC_5A-n78(3700-3800)A	30	90	649668	1@243	CP_256QAM	13.90	15.72
DC_5A-n78(3700-3800)A	30	90	650000	240@0	DFT_BPSK	16.91	18.73
DC_5A-n78(3700-3800)A	30	90	650000	120@60	DFT_BPSK	16.91	18.73
DC_5A-n78(3700-3800)A	30	90	650000	1@1	DFT_BPSK	16.86	18.68
DC_5A-n78(3700-3800)A	30	90	650000	1@243	DFT_BPSK	16.71	18.53
DC_5A-n78(3700-3800)A	30	90	650000	240@0	DFT_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	90	650000	120@60	DFT_QPSK	16.73	18.55
DC_5A-n78(3700-3800)A	30	90	650000	1@1	DFT_QPSK	16.93	18.75
DC_5A-n78(3700-3800)A	30	90	650000	1@243	DFT_QPSK	16.75	18.57
DC_5A-n78(3700-3800)A	30	90	650000	240@0	DFT_16QAM	16.91	18.73
DC_5A-n78(3700-3800)A	30	90	650000	120@60	DFT_16QAM	16.82	18.64
DC_5A-n78(3700-3800)A	30	90	650000	1@1	DFT_16QAM	17.03	18.85
DC_5A-n78(3700-3800)A	30	90	650000	1@243	DFT_16QAM	16.71	18.53
DC_5A-n78(3700-3800)A	30	90	650000	240@0	DFT_64QAM	16.75	18.57
DC_5A-n78(3700-3800)A	30	90	650000	120@60	DFT_64QAM	16.82	18.64
DC_5A-n78(3700-3800)A	30	90	650000	1@1	DFT_64QAM	16.57	18.39
DC_5A-n78(3700-3800)A	30	90	650000	1@243	DFT_64QAM	16.48	18.30

DC_5A-n78(3700-3800)A	30	90	650000	240@0	DFT_256QAM	16.42	18.24
DC_5A-n78(3700-3800)A	30	90	650000	120@60	DFT_256QAM	16.32	18.14
DC_5A-n78(3700-3800)A	30	90	650000	1@1	DFT_256QAM	16.07	17.89
DC_5A-n78(3700-3800)A	30	90	650000	1@243	DFT_256QAM	15.87	17.69
DC_5A-n78(3700-3800)A	30	90	650000	245@0	CP_QPSK	16.96	18.78
DC_5A-n78(3700-3800)A	30	90	650000	123@61	CP_QPSK	16.86	18.68
DC_5A-n78(3700-3800)A	30	90	650000	1@1	CP_QPSK	16.89	18.71
DC_5A-n78(3700-3800)A	30	90	650000	1@243	CP_QPSK	16.72	18.54
DC_5A-n78(3700-3800)A	30	90	650000	245@0	CP_16QAM	16.75	18.57
DC_5A-n78(3700-3800)A	30	90	650000	123@61	CP_16QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	90	650000	1@1	CP_16QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	90	650000	1@243	CP_16QAM	16.72	18.54
DC_5A-n78(3700-3800)A	30	90	650000	245@0	CP_64QAM	16.91	18.73
DC_5A-n78(3700-3800)A	30	90	650000	123@61	CP_64QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	90	650000	1@1	CP_64QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	90	650000	1@243	CP_64QAM	16.77	18.59
DC_5A-n78(3700-3800)A	30	90	650000	245@0	CP_256QAM	14.05	15.87
DC_5A-n78(3700-3800)A	30	90	650000	123@61	CP_256QAM	14.03	15.85
DC_5A-n78(3700-3800)A	30	90	650000	1@1	CP_256QAM	13.87	15.69
DC_5A-n78(3700-3800)A	30	90	650000	1@243	CP_256QAM	13.73	15.55
DC_5A-n78(3700-3800)A	30	90	650332	240@0	DFT_BPSK	17.05	18.87
DC_5A-n78(3700-3800)A	30	90	650332	120@60	DFT_BPSK	17.03	18.85
DC_5A-n78(3700-3800)A	30	90	650332	1@1	DFT_BPSK	17.14	18.96
DC_5A-n78(3700-3800)A	30	90	650332	1@243	DFT_BPSK	16.59	18.41
DC_5A-n78(3700-3800)A	30	90	650332	240@0	DFT_QPSK	16.97	18.79
DC_5A-n78(3700-3800)A	30	90	650332	120@60	DFT_QPSK	17.02	18.84
DC_5A-n78(3700-3800)A	30	90	650332	1@1	DFT_QPSK	17.19	19.01
DC_5A-n78(3700-3800)A	30	90	650332	1@243	DFT_QPSK	16.66	18.48
DC_5A-n78(3700-3800)A	30	90	650332	240@0	DFT_16QAM	17.05	18.87
DC_5A-n78(3700-3800)A	30	90	650332	120@60	DFT_16QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	90	650332	1@1	DFT_16QAM	17.23	19.05
DC_5A-n78(3700-3800)A	30	90	650332	1@243	DFT_16QAM	16.68	18.50
DC_5A-n78(3700-3800)A	30	90	650332	240@0	DFT_64QAM	16.92	18.74
DC_5A-n78(3700-3800)A	30	90	650332	120@60	DFT_64QAM	16.87	18.69
DC_5A-n78(3700-3800)A	30	90	650332	1@1	DFT_64QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	90	650332	1@243	DFT_64QAM	16.48	18.30
DC_5A-n78(3700-3800)A	30	90	650332	240@0	DFT_256QAM	16.44	18.26
DC_5A-n78(3700-3800)A	30	90	650332	120@60	DFT_256QAM	16.54	18.36
DC_5A-n78(3700-3800)A	30	90	650332	1@1	DFT_256QAM	16.45	18.27
DC_5A-n78(3700-3800)A	30	90	650332	1@243	DFT_256QAM	15.86	17.68
DC_5A-n78(3700-3800)A	30	90	650332	245@0	CP_QPSK	17.00	18.82
DC_5A-n78(3700-3800)A	30	90	650332	123@61	CP_QPSK	16.96	18.78
DC_5A-n78(3700-3800)A	30	90	650332	1@1	CP_QPSK	17.04	18.86

DC_5A-n78(3700-3800)A	30	90	650332	1@243	CP_QPSK	16.68	18.50
DC_5A-n78(3700-3800)A	30	90	650332	245@0	CP_16QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	90	650332	123@61	CP_16QAM	17.02	18.84
DC_5A-n78(3700-3800)A	30	90	650332	1@1	CP_16QAM	17.32	19.14
DC_5A-n78(3700-3800)A	30	90	650332	1@243	CP_16QAM	16.72	18.54
DC_5A-n78(3700-3800)A	30	90	650332	245@0	CP_64QAM	16.79	18.61
DC_5A-n78(3700-3800)A	30	90	650332	123@61	CP_64QAM	17.07	18.89
DC_5A-n78(3700-3800)A	30	90	650332	1@1	CP_64QAM	17.14	18.96
DC_5A-n78(3700-3800)A	30	90	650332	1@243	CP_64QAM	16.80	18.62
DC_5A-n78(3700-3800)A	30	90	650332	245@0	CP_256QAM	14.09	15.91
DC_5A-n78(3700-3800)A	30	90	650332	123@61	CP_256QAM	14.21	16.03
DC_5A-n78(3700-3800)A	30	90	650332	1@1	CP_256QAM	14.16	15.98
DC_5A-n78(3700-3800)A	30	90	650332	1@243	CP_256QAM	13.73	15.55
DC_5A-n78(3700-3800)A	30	100	650000	270@0	DFT_BPSK	16.91	18.73
DC_5A-n78(3700-3800)A	30	100	650000	135@67	DFT_BPSK	16.95	18.77
DC_5A-n78(3700-3800)A	30	100	650000	1@1	DFT_BPSK	16.78	18.60
DC_5A-n78(3700-3800)A	30	100	650000	1@271	DFT_BPSK	16.66	18.48
DC_5A-n78(3700-3800)A	30	100	650000	270@0	DFT_QPSK	16.91	18.73
DC_5A-n78(3700-3800)A	30	100	650000	135@67	DFT_QPSK	16.80	18.62
DC_5A-n78(3700-3800)A	30	100	650000	1@1	DFT_QPSK	16.76	18.58
DC_5A-n78(3700-3800)A	30	100	650000	1@271	DFT_QPSK	16.70	18.52
DC_5A-n78(3700-3800)A	30	100	650000	270@0	DFT_16QAM	16.88	18.70
DC_5A-n78(3700-3800)A	30	100	650000	135@67	DFT_16QAM	16.91	18.73
DC_5A-n78(3700-3800)A	30	100	650000	1@1	DFT_16QAM	16.98	18.80
DC_5A-n78(3700-3800)A	30	100	650000	1@271	DFT_16QAM	16.85	18.67
DC_5A-n78(3700-3800)A	30	100	650000	270@0	DFT_64QAM	16.84	18.66
DC_5A-n78(3700-3800)A	30	100	650000	135@67	DFT_64QAM	17.00	18.82
DC_5A-n78(3700-3800)A	30	100	650000	1@1	DFT_64QAM	16.77	18.59
DC_5A-n78(3700-3800)A	30	100	650000	1@271	DFT_64QAM	16.68	18.50
DC_5A-n78(3700-3800)A	30	100	650000	270@0	DFT_256QAM	16.29	18.11
DC_5A-n78(3700-3800)A	30	100	650000	135@67	DFT_256QAM	16.45	18.27
DC_5A-n78(3700-3800)A	30	100	650000	1@1	DFT_256QAM	15.89	17.71
DC_5A-n78(3700-3800)A	30	100	650000	1@271	DFT_256QAM	15.88	17.70
DC_5A-n78(3700-3800)A	30	100	650000	273@0	CP_QPSK	16.91	18.73
DC_5A-n78(3700-3800)A	30	100	650000	137@68	CP_QPSK	16.88	18.70
DC_5A-n78(3700-3800)A	30	100	650000	1@1	CP_QPSK	16.84	18.66
DC_5A-n78(3700-3800)A	30	100	650000	1@271	CP_QPSK	16.79	18.61
DC_5A-n78(3700-3800)A	30	100	650000	273@0	CP_16QAM	16.82	18.64
DC_5A-n78(3700-3800)A	30	100	650000	137@68	CP_16QAM	16.75	18.57
DC_5A-n78(3700-3800)A	30	100	650000	1@1	CP_16QAM	17.01	18.83
DC_5A-n78(3700-3800)A	30	100	650000	1@271	CP_16QAM	16.91	18.73
DC_5A-n78(3700-3800)A	30	100	650000	273@0	CP_64QAM	16.89	18.71
DC_5A-n78(3700-3800)A	30	100	650000	137@68	CP_64QAM	16.93	18.75

DC_5A-n78(3700-3800)A	30	100	650000	1@1	CP_64QAM	16.84	18.66
DC_5A-n78(3700-3800)A	30	100	650000	1@271	CP_64QAM	16.85	18.67
DC_5A-n78(3700-3800)A	30	100	650000	273@0	CP_256QAM	14.11	15.93
DC_5A-n78(3700-3800)A	30	100	650000	137@68	CP_256QAM	14.13	15.95
DC_5A-n78(3700-3800)A	30	100	650000	1@1	CP_256QAM	13.90	15.72
DC_5A-n78(3700-3800)A	30	100	650000	1@271	CP_256QAM	13.59	15.41

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)
DC_7A-n78(3700-3800)A	30	20	647334	50@0	DFT_BPSK	17.07	18.89
DC_7A-n78(3700-3800)A	30	20	647334	25@12	DFT_BPSK	17.13	18.95
DC_7A-n78(3700-3800)A	30	20	647334	1@1	DFT_BPSK	17.03	18.85
DC_7A-n78(3700-3800)A	30	20	647334	1@49	DFT_BPSK	17.22	19.04
DC_7A-n78(3700-3800)A	30	20	647334	50@0	DFT_QPSK	17.13	18.95
DC_7A-n78(3700-3800)A	30	20	647334	25@12	DFT_QPSK	17.04	18.86
DC_7A-n78(3700-3800)A	30	20	647334	1@1	DFT_QPSK	17.14	18.96
DC_7A-n78(3700-3800)A	30	20	647334	1@49	DFT_QPSK	17.19	19.01
DC_7A-n78(3700-3800)A	30	20	647334	50@0	DFT_16QAM	17.16	18.98
DC_7A-n78(3700-3800)A	30	20	647334	25@12	DFT_16QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	20	647334	1@1	DFT_16QAM	17.14	18.96
DC_7A-n78(3700-3800)A	30	20	647334	1@49	DFT_16QAM	17.14	18.96
DC_7A-n78(3700-3800)A	30	20	647334	50@0	DFT_64QAM	17.21	19.03
DC_7A-n78(3700-3800)A	30	20	647334	25@12	DFT_64QAM	17.00	18.82
DC_7A-n78(3700-3800)A	30	20	647334	1@1	DFT_64QAM	17.01	18.83
DC_7A-n78(3700-3800)A	30	20	647334	1@49	DFT_64QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	20	647334	50@0	DFT_256QAM	16.57	18.39
DC_7A-n78(3700-3800)A	30	20	647334	25@12	DFT_256QAM	16.57	18.39
DC_7A-n78(3700-3800)A	30	20	647334	1@1	DFT_256QAM	16.28	18.10
DC_7A-n78(3700-3800)A	30	20	647334	1@49	DFT_256QAM	16.36	18.18
DC_7A-n78(3700-3800)A	30	20	647334	51@0	CP_QPSK	17.02	18.84
DC_7A-n78(3700-3800)A	30	20	647334	25@12	CP_QPSK	17.18	19.00
DC_7A-n78(3700-3800)A	30	20	647334	1@1	CP_QPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	20	647334	1@49	CP_QPSK	17.28	19.10
DC_7A-n78(3700-3800)A	30	20	647334	51@0	CP_16QAM	17.13	18.95
DC_7A-n78(3700-3800)A	30	20	647334	25@12	CP_16QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	20	647334	1@1	CP_16QAM	17.12	18.94
DC_7A-n78(3700-3800)A	30	20	647334	1@49	CP_16QAM	17.26	19.08
DC_7A-n78(3700-3800)A	30	20	647334	51@0	CP_64QAM	17.16	18.98
DC_7A-n78(3700-3800)A	30	20	647334	25@12	CP_64QAM	17.04	18.86
DC_7A-n78(3700-3800)A	30	20	647334	1@1	CP_64QAM	17.21	19.03
DC_7A-n78(3700-3800)A	30	20	647334	1@49	CP_64QAM	17.35	19.17
DC_7A-n78(3700-3800)A	30	20	647334	51@0	CP_256QAM	14.24	16.06
DC_7A-n78(3700-3800)A	30	20	647334	25@12	CP_256QAM	14.19	16.01

DC_7A-n78(3700-3800)A	30	20	647334	1@1	CP_256QAM	14.15	15.97
DC_7A-n78(3700-3800)A	30	20	647334	1@49	CP_256QAM	14.18	16.00
DC_7A-n78(3700-3800)A	30	20	650000	50@0	DFT_BPSK	17.13	18.95
DC_7A-n78(3700-3800)A	30	20	650000	25@12	DFT_BPSK	17.09	18.91
DC_7A-n78(3700-3800)A	30	20	650000	1@1	DFT_BPSK	17.43	19.25
DC_7A-n78(3700-3800)A	30	20	650000	1@49	DFT_BPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	20	650000	50@0	DFT_QPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	20	650000	25@12	DFT_QPSK	17.13	18.95
DC_7A-n78(3700-3800)A	30	20	650000	1@1	DFT_QPSK	17.36	19.18
DC_7A-n78(3700-3800)A	30	20	650000	1@49	DFT_QPSK	17.12	18.94
DC_7A-n78(3700-3800)A	30	20	650000	50@0	DFT_16QAM	17.16	18.98
DC_7A-n78(3700-3800)A	30	20	650000	25@12	DFT_16QAM	17.04	18.86
DC_7A-n78(3700-3800)A	30	20	650000	1@1	DFT_16QAM	17.45	19.27
DC_7A-n78(3700-3800)A	30	20	650000	1@49	DFT_16QAM	17.18	19.00
DC_7A-n78(3700-3800)A	30	20	650000	50@0	DFT_64QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	20	650000	25@12	DFT_64QAM	17.13	18.95
DC_7A-n78(3700-3800)A	30	20	650000	1@1	DFT_64QAM	17.26	19.08
DC_7A-n78(3700-3800)A	30	20	650000	1@49	DFT_64QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	20	650000	50@0	DFT_256QAM	16.62	18.44
DC_7A-n78(3700-3800)A	30	20	650000	25@12	DFT_256QAM	16.70	18.52
DC_7A-n78(3700-3800)A	30	20	650000	1@1	DFT_256QAM	16.59	18.41
DC_7A-n78(3700-3800)A	30	20	650000	1@49	DFT_256QAM	16.30	18.12
DC_7A-n78(3700-3800)A	30	20	650000	51@0	CP_QPSK	17.17	18.99
DC_7A-n78(3700-3800)A	30	20	650000	25@12	CP_QPSK	17.11	18.93
DC_7A-n78(3700-3800)A	30	20	650000	1@1	CP_QPSK	17.43	19.25
DC_7A-n78(3700-3800)A	30	20	650000	1@49	CP_QPSK	17.02	18.84
DC_7A-n78(3700-3800)A	30	20	650000	51@0	CP_16QAM	17.04	18.86
DC_7A-n78(3700-3800)A	30	20	650000	25@12	CP_16QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	20	650000	1@1	CP_16QAM	17.39	19.21
DC_7A-n78(3700-3800)A	30	20	650000	1@49	CP_16QAM	17.21	19.03
DC_7A-n78(3700-3800)A	30	20	650000	51@0	CP_64QAM	17.10	18.92
DC_7A-n78(3700-3800)A	30	20	650000	25@12	CP_64QAM	17.21	19.03
DC_7A-n78(3700-3800)A	30	20	650000	1@1	CP_64QAM	17.32	19.14
DC_7A-n78(3700-3800)A	30	20	650000	1@49	CP_64QAM	17.04	18.86
DC_7A-n78(3700-3800)A	30	20	650000	51@0	CP_256QAM	14.39	16.21
DC_7A-n78(3700-3800)A	30	20	650000	25@12	CP_256QAM	14.41	16.23
DC_7A-n78(3700-3800)A	30	20	650000	1@1	CP_256QAM	14.27	16.09
DC_7A-n78(3700-3800)A	30	20	650000	1@49	CP_256QAM	14.11	15.93
DC_7A-n78(3700-3800)A	30	20	652666	50@0	DFT_BPSK	17.21	19.03
DC_7A-n78(3700-3800)A	30	20	652666	25@12	DFT_BPSK	17.07	18.89
DC_7A-n78(3700-3800)A	30	20	652666	1@1	DFT_BPSK	17.29	19.11
DC_7A-n78(3700-3800)A	30	20	652666	1@49	DFT_BPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	20	652666	50@0	DFT_QPSK	17.07	18.89

DC_7A-n78(3700-3800)A	30	20	652666	25@12	DFT_QPSK	17.09	18.91
DC_7A-n78(3700-3800)A	30	20	652666	1@1	DFT_QPSK	17.23	19.05
DC_7A-n78(3700-3800)A	30	20	652666	1@49	DFT_QPSK	17.02	18.84
DC_7A-n78(3700-3800)A	30	20	652666	50@0	DFT_16QAM	17.17	18.99
DC_7A-n78(3700-3800)A	30	20	652666	25@12	DFT_16QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	20	652666	1@1	DFT_16QAM	17.18	19.00
DC_7A-n78(3700-3800)A	30	20	652666	1@49	DFT_16QAM	17.18	19.00
DC_7A-n78(3700-3800)A	30	20	652666	50@0	DFT_64QAM	17.09	18.91
DC_7A-n78(3700-3800)A	30	20	652666	25@12	DFT_64QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	20	652666	1@1	DFT_64QAM	17.18	19.00
DC_7A-n78(3700-3800)A	30	20	652666	1@49	DFT_64QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	20	652666	50@0	DFT_256QAM	16.69	18.51
DC_7A-n78(3700-3800)A	30	20	652666	25@12	DFT_256QAM	16.60	18.42
DC_7A-n78(3700-3800)A	30	20	652666	1@1	DFT_256QAM	16.48	18.30
DC_7A-n78(3700-3800)A	30	20	652666	1@49	DFT_256QAM	16.29	18.11
DC_7A-n78(3700-3800)A	30	20	652666	51@0	CP_QPSK	17.12	18.94
DC_7A-n78(3700-3800)A	30	20	652666	25@12	CP_QPSK	17.16	18.98
DC_7A-n78(3700-3800)A	30	20	652666	1@1	CP_QPSK	17.14	18.96
DC_7A-n78(3700-3800)A	30	20	652666	1@49	CP_QPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	20	652666	51@0	CP_16QAM	17.14	18.96
DC_7A-n78(3700-3800)A	30	20	652666	25@12	CP_16QAM	17.19	19.01
DC_7A-n78(3700-3800)A	30	20	652666	1@1	CP_16QAM	17.26	19.08
DC_7A-n78(3700-3800)A	30	20	652666	1@49	CP_16QAM	17.04	18.86
DC_7A-n78(3700-3800)A	30	20	652666	51@0	CP_64QAM	17.18	19.00
DC_7A-n78(3700-3800)A	30	20	652666	25@12	CP_64QAM	17.23	19.05
DC_7A-n78(3700-3800)A	30	20	652666	1@1	CP_64QAM	17.16	18.98
DC_7A-n78(3700-3800)A	30	20	652666	1@49	CP_64QAM	17.01	18.83
DC_7A-n78(3700-3800)A	30	20	652666	51@0	CP_256QAM	14.40	16.22
DC_7A-n78(3700-3800)A	30	20	652666	25@12	CP_256QAM	14.44	16.26
DC_7A-n78(3700-3800)A	30	20	652666	1@1	CP_256QAM	14.23	16.05
DC_7A-n78(3700-3800)A	30	20	652666	1@49	CP_256QAM	14.19	16.01
DC_7A-n78(3700-3800)A	30	30	647668	75@0	DFT_BPSK	17.14	18.96
DC_7A-n78(3700-3800)A	30	30	647668	36@18	DFT_BPSK	17.20	19.02
DC_7A-n78(3700-3800)A	30	30	647668	1@1	DFT_BPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	30	647668	1@76	DFT_BPSK	17.19	19.01
DC_7A-n78(3700-3800)A	30	30	647668	75@0	DFT_QPSK	17.16	18.98
DC_7A-n78(3700-3800)A	30	30	647668	36@18	DFT_QPSK	17.17	18.99
DC_7A-n78(3700-3800)A	30	30	647668	1@1	DFT_QPSK	17.07	18.89
DC_7A-n78(3700-3800)A	30	30	647668	1@76	DFT_QPSK	17.16	18.98
DC_7A-n78(3700-3800)A	30	30	647668	75@0	DFT_16QAM	17.17	18.99
DC_7A-n78(3700-3800)A	30	30	647668	36@18	DFT_16QAM	17.16	18.98
DC_7A-n78(3700-3800)A	30	30	647668	1@1	DFT_16QAM	17.19	19.01
DC_7A-n78(3700-3800)A	30	30	647668	1@76	DFT_16QAM	17.35	19.17

DC_7A-n78(3700-3800)A	30	30	647668	75@0	DFT_64QAM	17.23	19.05
DC_7A-n78(3700-3800)A	30	30	647668	36@18	DFT_64QAM	17.09	18.91
DC_7A-n78(3700-3800)A	30	30	647668	1@1	DFT_64QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	30	647668	1@76	DFT_64QAM	17.11	18.93
DC_7A-n78(3700-3800)A	30	30	647668	75@0	DFT_256QAM	16.78	18.60
DC_7A-n78(3700-3800)A	30	30	647668	36@18	DFT_256QAM	16.66	18.48
DC_7A-n78(3700-3800)A	30	30	647668	1@1	DFT_256QAM	16.20	18.02
DC_7A-n78(3700-3800)A	30	30	647668	1@76	DFT_256QAM	16.48	18.30
DC_7A-n78(3700-3800)A	30	30	647668	78@0	CP_QPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	30	647668	39@19	CP_QPSK	17.10	18.92
DC_7A-n78(3700-3800)A	30	30	647668	1@1	CP_QPSK	17.10	18.92
DC_7A-n78(3700-3800)A	30	30	647668	1@76	CP_QPSK	17.17	18.99
DC_7A-n78(3700-3800)A	30	30	647668	78@0	CP_16QAM	17.22	19.04
DC_7A-n78(3700-3800)A	30	30	647668	39@19	CP_16QAM	17.22	19.04
DC_7A-n78(3700-3800)A	30	30	647668	1@1	CP_16QAM	17.10	18.92
DC_7A-n78(3700-3800)A	30	30	647668	1@76	CP_16QAM	17.27	19.09
DC_7A-n78(3700-3800)A	30	30	647668	78@0	CP_64QAM	17.16	18.98
DC_7A-n78(3700-3800)A	30	30	647668	39@19	CP_64QAM	17.10	18.92
DC_7A-n78(3700-3800)A	30	30	647668	1@1	CP_64QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	30	647668	1@76	CP_64QAM	17.13	18.95
DC_7A-n78(3700-3800)A	30	30	647668	78@0	CP_256QAM	14.20	16.02
DC_7A-n78(3700-3800)A	30	30	647668	39@19	CP_256QAM	14.22	16.04
DC_7A-n78(3700-3800)A	30	30	647668	1@1	CP_256QAM	13.98	15.80
DC_7A-n78(3700-3800)A	30	30	647668	1@76	CP_256QAM	14.26	16.08
DC_7A-n78(3700-3800)A	30	30	650000	75@0	DFT_BPSK	16.79	18.61
DC_7A-n78(3700-3800)A	30	30	650000	36@18	DFT_BPSK	16.88	18.70
DC_7A-n78(3700-3800)A	30	30	650000	1@1	DFT_BPSK	16.80	18.62
DC_7A-n78(3700-3800)A	30	30	650000	1@76	DFT_BPSK	16.72	18.54
DC_7A-n78(3700-3800)A	30	30	650000	75@0	DFT_QPSK	16.77	18.59
DC_7A-n78(3700-3800)A	30	30	650000	36@18	DFT_QPSK	16.84	18.66
DC_7A-n78(3700-3800)A	30	30	650000	1@1	DFT_QPSK	16.84	18.66
DC_7A-n78(3700-3800)A	30	30	650000	1@76	DFT_QPSK	16.76	18.58
DC_7A-n78(3700-3800)A	30	30	650000	75@0	DFT_16QAM	16.85	18.67
DC_7A-n78(3700-3800)A	30	30	650000	36@18	DFT_16QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	30	650000	1@1	DFT_16QAM	16.86	18.68
DC_7A-n78(3700-3800)A	30	30	650000	1@76	DFT_16QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	30	650000	75@0	DFT_64QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	30	650000	36@18	DFT_64QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	30	650000	1@1	DFT_64QAM	16.60	18.42
DC_7A-n78(3700-3800)A	30	30	650000	1@76	DFT_64QAM	16.60	18.42
DC_7A-n78(3700-3800)A	30	30	650000	75@0	DFT_256QAM	16.35	18.17
DC_7A-n78(3700-3800)A	30	30	650000	36@18	DFT_256QAM	16.19	18.01
DC_7A-n78(3700-3800)A	30	30	650000	1@1	DFT_256QAM	15.91	17.73

DC_7A-n78(3700-3800)A	30	30	650000	1@76	DFT_256QAM	15.83	17.65
DC_7A-n78(3700-3800)A	30	30	650000	78@0	CP_QPSK	16.87	18.69
DC_7A-n78(3700-3800)A	30	30	650000	39@19	CP_QPSK	16.80	18.62
DC_7A-n78(3700-3800)A	30	30	650000	1@1	CP_QPSK	16.84	18.66
DC_7A-n78(3700-3800)A	30	30	650000	1@76	CP_QPSK	16.71	18.53
DC_7A-n78(3700-3800)A	30	30	650000	78@0	CP_16QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	30	650000	39@19	CP_16QAM	16.86	18.68
DC_7A-n78(3700-3800)A	30	30	650000	1@1	CP_16QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	30	650000	1@76	CP_16QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	30	650000	78@0	CP_64QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	30	650000	39@19	CP_64QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	30	650000	1@1	CP_64QAM	16.87	18.69
DC_7A-n78(3700-3800)A	30	30	650000	1@76	CP_64QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	30	650000	78@0	CP_256QAM	14.02	15.84
DC_7A-n78(3700-3800)A	30	30	650000	39@19	CP_256QAM	14.06	15.88
DC_7A-n78(3700-3800)A	30	30	650000	1@1	CP_256QAM	13.79	15.61
DC_7A-n78(3700-3800)A	30	30	650000	1@76	CP_256QAM	13.63	15.45
DC_7A-n78(3700-3800)A	30	30	652332	75@0	DFT_BPSK	16.64	18.46
DC_7A-n78(3700-3800)A	30	30	652332	36@18	DFT_BPSK	16.76	18.58
DC_7A-n78(3700-3800)A	30	30	652332	1@1	DFT_BPSK	16.78	18.60
DC_7A-n78(3700-3800)A	30	30	652332	1@76	DFT_BPSK	16.55	18.37
DC_7A-n78(3700-3800)A	30	30	652332	75@0	DFT_QPSK	16.66	18.48
DC_7A-n78(3700-3800)A	30	30	652332	36@18	DFT_QPSK	16.69	18.51
DC_7A-n78(3700-3800)A	30	30	652332	1@1	DFT_QPSK	16.80	18.62
DC_7A-n78(3700-3800)A	30	30	652332	1@76	DFT_QPSK	16.71	18.53
DC_7A-n78(3700-3800)A	30	30	652332	75@0	DFT_16QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	30	652332	36@18	DFT_16QAM	16.67	18.49
DC_7A-n78(3700-3800)A	30	30	652332	1@1	DFT_16QAM	16.79	18.61
DC_7A-n78(3700-3800)A	30	30	652332	1@76	DFT_16QAM	16.71	18.53
DC_7A-n78(3700-3800)A	30	30	652332	75@0	DFT_64QAM	16.64	18.46
DC_7A-n78(3700-3800)A	30	30	652332	36@18	DFT_64QAM	16.71	18.53
DC_7A-n78(3700-3800)A	30	30	652332	1@1	DFT_64QAM	16.67	18.49
DC_7A-n78(3700-3800)A	30	30	652332	1@76	DFT_64QAM	16.54	18.36
DC_7A-n78(3700-3800)A	30	30	652332	75@0	DFT_256QAM	16.12	17.94
DC_7A-n78(3700-3800)A	30	30	652332	36@18	DFT_256QAM	16.17	17.99
DC_7A-n78(3700-3800)A	30	30	652332	1@1	DFT_256QAM	15.98	17.80
DC_7A-n78(3700-3800)A	30	30	652332	1@76	DFT_256QAM	15.85	17.67
DC_7A-n78(3700-3800)A	30	30	652332	78@0	CP_QPSK	16.70	18.52
DC_7A-n78(3700-3800)A	30	30	652332	39@19	CP_QPSK	16.71	18.53
DC_7A-n78(3700-3800)A	30	30	652332	1@1	CP_QPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	30	652332	1@76	CP_QPSK	16.62	18.44
DC_7A-n78(3700-3800)A	30	30	652332	78@0	CP_16QAM	16.64	18.46
DC_7A-n78(3700-3800)A	30	30	652332	39@19	CP_16QAM	16.57	18.39

DC_7A-n78(3700-3800)A	30	30	652332	1@1	CP_16QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	30	652332	1@76	CP_16QAM	16.75	18.57
DC_7A-n78(3700-3800)A	30	30	652332	78@0	CP_64QAM	16.60	18.42
DC_7A-n78(3700-3800)A	30	30	652332	39@19	CP_64QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	30	652332	1@1	CP_64QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	30	652332	1@76	CP_64QAM	16.68	18.50
DC_7A-n78(3700-3800)A	30	30	652332	78@0	CP_256QAM	13.95	15.77
DC_7A-n78(3700-3800)A	30	30	652332	39@19	CP_256QAM	13.92	15.74
DC_7A-n78(3700-3800)A	30	30	652332	1@1	CP_256QAM	13.82	15.64
DC_7A-n78(3700-3800)A	30	30	652332	1@76	CP_256QAM	13.64	15.46
DC_7A-n78(3700-3800)A	30	40	648000	100@0	DFT_BPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	40	648000	50@25	DFT_BPSK	17.00	18.82
DC_7A-n78(3700-3800)A	30	40	648000	1@1	DFT_BPSK	16.85	18.67
DC_7A-n78(3700-3800)A	30	40	648000	1@104	DFT_BPSK	16.87	18.69
DC_7A-n78(3700-3800)A	30	40	648000	100@0	DFT_QPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	40	648000	50@25	DFT_QPSK	17.00	18.82
DC_7A-n78(3700-3800)A	30	40	648000	1@1	DFT_QPSK	16.88	18.70
DC_7A-n78(3700-3800)A	30	40	648000	1@104	DFT_QPSK	16.78	18.60
DC_7A-n78(3700-3800)A	30	40	648000	100@0	DFT_16QAM	16.85	18.67
DC_7A-n78(3700-3800)A	30	40	648000	50@25	DFT_16QAM	17.03	18.85
DC_7A-n78(3700-3800)A	30	40	648000	1@1	DFT_16QAM	17.11	18.93
DC_7A-n78(3700-3800)A	30	40	648000	1@104	DFT_16QAM	16.94	18.76
DC_7A-n78(3700-3800)A	30	40	648000	100@0	DFT_64QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	40	648000	50@25	DFT_64QAM	16.94	18.76
DC_7A-n78(3700-3800)A	30	40	648000	1@1	DFT_64QAM	16.68	18.50
DC_7A-n78(3700-3800)A	30	40	648000	1@104	DFT_64QAM	16.68	18.50
DC_7A-n78(3700-3800)A	30	40	648000	100@0	DFT_256QAM	16.36	18.18
DC_7A-n78(3700-3800)A	30	40	648000	50@25	DFT_256QAM	16.47	18.29
DC_7A-n78(3700-3800)A	30	40	648000	1@1	DFT_256QAM	16.05	17.87
DC_7A-n78(3700-3800)A	30	40	648000	1@104	DFT_256QAM	16.04	17.86
DC_7A-n78(3700-3800)A	30	40	648000	106@0	CP_QPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	40	648000	53@26	CP_QPSK	17.00	18.82
DC_7A-n78(3700-3800)A	30	40	648000	1@1	CP_QPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	40	648000	1@104	CP_QPSK	16.87	18.69
DC_7A-n78(3700-3800)A	30	40	648000	106@0	CP_16QAM	16.95	18.77
DC_7A-n78(3700-3800)A	30	40	648000	53@26	CP_16QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	40	648000	1@1	CP_16QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	40	648000	1@104	CP_16QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	40	648000	106@0	CP_64QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	40	648000	53@26	CP_64QAM	17.04	18.86
DC_7A-n78(3700-3800)A	30	40	648000	1@1	CP_64QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	40	648000	1@104	CP_64QAM	16.92	18.74
DC_7A-n78(3700-3800)A	30	40	648000	106@0	CP_256QAM	14.20	16.02

DC_7A-n78(3700-3800)A	30	40	648000	53@26	CP_256QAM	14.09	15.91
DC_7A-n78(3700-3800)A	30	40	648000	1@1	CP_256QAM	13.82	15.64
DC_7A-n78(3700-3800)A	30	40	648000	1@104	CP_256QAM	13.76	15.58
DC_7A-n78(3700-3800)A	30	40	650000	100@0	DFT_BPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	40	650000	50@25	DFT_BPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	40	650000	1@1	DFT_BPSK	16.88	18.70
DC_7A-n78(3700-3800)A	30	40	650000	1@104	DFT_BPSK	16.68	18.50
DC_7A-n78(3700-3800)A	30	40	650000	100@0	DFT_QPSK	16.76	18.58
DC_7A-n78(3700-3800)A	30	40	650000	50@25	DFT_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	40	650000	1@1	DFT_QPSK	16.92	18.74
DC_7A-n78(3700-3800)A	30	40	650000	1@104	DFT_QPSK	16.66	18.48
DC_7A-n78(3700-3800)A	30	40	650000	100@0	DFT_16QAM	16.71	18.53
DC_7A-n78(3700-3800)A	30	40	650000	50@25	DFT_16QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	40	650000	1@1	DFT_16QAM	17.02	18.84
DC_7A-n78(3700-3800)A	30	40	650000	1@104	DFT_16QAM	16.77	18.59
DC_7A-n78(3700-3800)A	30	40	650000	100@0	DFT_64QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	40	650000	50@25	DFT_64QAM	16.77	18.59
DC_7A-n78(3700-3800)A	30	40	650000	1@1	DFT_64QAM	16.70	18.52
DC_7A-n78(3700-3800)A	30	40	650000	1@104	DFT_64QAM	16.47	18.29
DC_7A-n78(3700-3800)A	30	40	650000	100@0	DFT_256QAM	16.28	18.10
DC_7A-n78(3700-3800)A	30	40	650000	50@25	DFT_256QAM	16.27	18.09
DC_7A-n78(3700-3800)A	30	40	650000	1@1	DFT_256QAM	16.13	17.95
DC_7A-n78(3700-3800)A	30	40	650000	1@104	DFT_256QAM	15.97	17.79
DC_7A-n78(3700-3800)A	30	40	650000	106@0	CP_QPSK	16.87	18.69
DC_7A-n78(3700-3800)A	30	40	650000	53@26	CP_QPSK	16.85	18.67
DC_7A-n78(3700-3800)A	30	40	650000	1@1	CP_QPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	40	650000	1@104	CP_QPSK	16.68	18.50
DC_7A-n78(3700-3800)A	30	40	650000	106@0	CP_16QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	40	650000	53@26	CP_16QAM	16.71	18.53
DC_7A-n78(3700-3800)A	30	40	650000	1@1	CP_16QAM	17.03	18.85
DC_7A-n78(3700-3800)A	30	40	650000	1@104	CP_16QAM	16.70	18.52
DC_7A-n78(3700-3800)A	30	40	650000	106@0	CP_64QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	40	650000	53@26	CP_64QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	40	650000	1@1	CP_64QAM	17.02	18.84
DC_7A-n78(3700-3800)A	30	40	650000	1@104	CP_64QAM	16.87	18.69
DC_7A-n78(3700-3800)A	30	40	650000	106@0	CP_256QAM	13.92	15.74
DC_7A-n78(3700-3800)A	30	40	650000	53@26	CP_256QAM	14.00	15.82
DC_7A-n78(3700-3800)A	30	40	650000	1@1	CP_256QAM	13.91	15.73
DC_7A-n78(3700-3800)A	30	40	650000	1@104	CP_256QAM	13.80	15.62
DC_7A-n78(3700-3800)A	30	40	652000	100@0	DFT_BPSK	16.71	18.53
DC_7A-n78(3700-3800)A	30	40	652000	50@25	DFT_BPSK	16.55	18.37
DC_7A-n78(3700-3800)A	30	40	652000	1@1	DFT_BPSK	16.61	18.43
DC_7A-n78(3700-3800)A	30	40	652000	1@104	DFT_BPSK	16.50	18.32

DC_7A-n78(3700-3800)A	30	40	652000	100@0	DFT_QPSK	16.60	18.42
DC_7A-n78(3700-3800)A	30	40	652000	50@25	DFT_QPSK	16.64	18.46
DC_7A-n78(3700-3800)A	30	40	652000	1@1	DFT_QPSK	16.69	18.51
DC_7A-n78(3700-3800)A	30	40	652000	1@104	DFT_QPSK	16.51	18.33
DC_7A-n78(3700-3800)A	30	40	652000	100@0	DFT_16QAM	16.66	18.48
DC_7A-n78(3700-3800)A	30	40	652000	50@25	DFT_16QAM	16.64	18.46
DC_7A-n78(3700-3800)A	30	40	652000	1@1	DFT_16QAM	16.66	18.48
DC_7A-n78(3700-3800)A	30	40	652000	1@104	DFT_16QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	40	652000	100@0	DFT_64QAM	16.77	18.59
DC_7A-n78(3700-3800)A	30	40	652000	50@25	DFT_64QAM	16.67	18.49
DC_7A-n78(3700-3800)A	30	40	652000	1@1	DFT_64QAM	16.44	18.26
DC_7A-n78(3700-3800)A	30	40	652000	1@104	DFT_64QAM	16.36	18.18
DC_7A-n78(3700-3800)A	30	40	652000	100@0	DFT_256QAM	16.11	17.93
DC_7A-n78(3700-3800)A	30	40	652000	50@25	DFT_256QAM	16.04	17.86
DC_7A-n78(3700-3800)A	30	40	652000	1@1	DFT_256QAM	15.95	17.77
DC_7A-n78(3700-3800)A	30	40	652000	1@104	DFT_256QAM	15.90	17.72
DC_7A-n78(3700-3800)A	30	40	652000	106@0	CP_QPSK	16.70	18.52
DC_7A-n78(3700-3800)A	30	40	652000	53@26	CP_QPSK	16.70	18.52
DC_7A-n78(3700-3800)A	30	40	652000	1@1	CP_QPSK	16.69	18.51
DC_7A-n78(3700-3800)A	30	40	652000	1@104	CP_QPSK	16.59	18.41
DC_7A-n78(3700-3800)A	30	40	652000	106@0	CP_16QAM	16.57	18.39
DC_7A-n78(3700-3800)A	30	40	652000	53@26	CP_16QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	40	652000	1@1	CP_16QAM	16.71	18.53
DC_7A-n78(3700-3800)A	30	40	652000	1@104	CP_16QAM	16.63	18.45
DC_7A-n78(3700-3800)A	30	40	652000	106@0	CP_64QAM	16.71	18.53
DC_7A-n78(3700-3800)A	30	40	652000	53@26	CP_64QAM	16.64	18.46
DC_7A-n78(3700-3800)A	30	40	652000	1@1	CP_64QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	40	652000	1@104	CP_64QAM	16.63	18.45
DC_7A-n78(3700-3800)A	30	40	652000	106@0	CP_256QAM	13.91	15.73
DC_7A-n78(3700-3800)A	30	40	652000	53@26	CP_256QAM	13.87	15.69
DC_7A-n78(3700-3800)A	30	40	652000	1@1	CP_256QAM	13.63	15.45
DC_7A-n78(3700-3800)A	30	40	652000	1@104	CP_256QAM	13.59	15.41
DC_7A-n78(3700-3800)A	30	50	648334	128@0	DFT_BPSK	17.11	18.93
DC_7A-n78(3700-3800)A	30	50	648334	64@32	DFT_BPSK	17.14	18.96
DC_7A-n78(3700-3800)A	30	50	648334	1@1	DFT_BPSK	16.86	18.68
DC_7A-n78(3700-3800)A	30	50	648334	1@131	DFT_BPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	50	648334	128@0	DFT_QPSK	17.00	18.82
DC_7A-n78(3700-3800)A	30	50	648334	64@32	DFT_QPSK	17.14	18.96
DC_7A-n78(3700-3800)A	30	50	648334	1@1	DFT_QPSK	16.86	18.68
DC_7A-n78(3700-3800)A	30	50	648334	1@131	DFT_QPSK	16.87	18.69
DC_7A-n78(3700-3800)A	30	50	648334	128@0	DFT_16QAM	17.18	19.00
DC_7A-n78(3700-3800)A	30	50	648334	64@32	DFT_16QAM	17.22	19.04
DC_7A-n78(3700-3800)A	30	50	648334	1@1	DFT_16QAM	17.07	18.89

DC_7A-n78(3700-3800)A	30	50	648334	1@131	DFT_16QAM	17.09	18.91
DC_7A-n78(3700-3800)A	30	50	648334	128@0	DFT_64QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	50	648334	64@32	DFT_64QAM	17.00	18.82
DC_7A-n78(3700-3800)A	30	50	648334	1@1	DFT_64QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	50	648334	1@131	DFT_64QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	50	648334	128@0	DFT_256QAM	16.63	18.45
DC_7A-n78(3700-3800)A	30	50	648334	64@32	DFT_256QAM	16.75	18.57
DC_7A-n78(3700-3800)A	30	50	648334	1@1	DFT_256QAM	16.04	17.86
DC_7A-n78(3700-3800)A	30	50	648334	1@131	DFT_256QAM	16.29	18.11
DC_7A-n78(3700-3800)A	30	50	648334	133@0	CP_QPSK	17.12	18.94
DC_7A-n78(3700-3800)A	30	50	648334	67@33	CP_QPSK	17.16	18.98
DC_7A-n78(3700-3800)A	30	50	648334	1@1	CP_QPSK	16.94	18.76
DC_7A-n78(3700-3800)A	30	50	648334	1@131	CP_QPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	50	648334	133@0	CP_16QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	50	648334	67@33	CP_16QAM	17.13	18.95
DC_7A-n78(3700-3800)A	30	50	648334	1@1	CP_16QAM	17.00	18.82
DC_7A-n78(3700-3800)A	30	50	648334	1@131	CP_16QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	50	648334	133@0	CP_64QAM	16.87	18.69
DC_7A-n78(3700-3800)A	30	50	648334	67@33	CP_64QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	50	648334	1@1	CP_64QAM	17.00	18.82
DC_7A-n78(3700-3800)A	30	50	648334	1@131	CP_64QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	50	648334	133@0	CP_256QAM	14.26	16.08
DC_7A-n78(3700-3800)A	30	50	648334	67@33	CP_256QAM	14.30	16.12
DC_7A-n78(3700-3800)A	30	50	648334	1@1	CP_256QAM	13.91	15.73
DC_7A-n78(3700-3800)A	30	50	648334	1@131	CP_256QAM	13.93	15.75
DC_7A-n78(3700-3800)A	30	50	650000	128@0	DFT_BPSK	17.04	18.86
DC_7A-n78(3700-3800)A	30	50	650000	64@32	DFT_BPSK	17.07	18.89
DC_7A-n78(3700-3800)A	30	50	650000	1@1	DFT_BPSK	17.04	18.86
DC_7A-n78(3700-3800)A	30	50	650000	1@131	DFT_BPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	50	650000	128@0	DFT_QPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	50	650000	64@32	DFT_QPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	50	650000	1@1	DFT_QPSK	17.17	18.99
DC_7A-n78(3700-3800)A	30	50	650000	1@131	DFT_QPSK	16.86	18.68
DC_7A-n78(3700-3800)A	30	50	650000	128@0	DFT_16QAM	17.02	18.84
DC_7A-n78(3700-3800)A	30	50	650000	64@32	DFT_16QAM	16.93	18.75
DC_7A-n78(3700-3800)A	30	50	650000	1@1	DFT_16QAM	17.27	19.09
DC_7A-n78(3700-3800)A	30	50	650000	1@131	DFT_16QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	50	650000	128@0	DFT_64QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	50	650000	64@32	DFT_64QAM	17.03	18.85
DC_7A-n78(3700-3800)A	30	50	650000	1@1	DFT_64QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	50	650000	1@131	DFT_64QAM	16.70	18.52
DC_7A-n78(3700-3800)A	30	50	650000	128@0	DFT_256QAM	16.60	18.42
DC_7A-n78(3700-3800)A	30	50	650000	64@32	DFT_256QAM	16.63	18.45

DC_7A-n78(3700-3800)A	30	50	650000	1@1	DFT_256QAM	16.32	18.14
DC_7A-n78(3700-3800)A	30	50	650000	1@131	DFT_256QAM	16.07	17.89
DC_7A-n78(3700-3800)A	30	50	650000	133@0	CP_QPSK	17.07	18.89
DC_7A-n78(3700-3800)A	30	50	650000	67@33	CP_QPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	50	650000	1@1	CP_QPSK	17.20	19.02
DC_7A-n78(3700-3800)A	30	50	650000	1@131	CP_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	50	650000	133@0	CP_16QAM	17.11	18.93
DC_7A-n78(3700-3800)A	30	50	650000	67@33	CP_16QAM	16.94	18.76
DC_7A-n78(3700-3800)A	30	50	650000	1@1	CP_16QAM	17.13	18.95
DC_7A-n78(3700-3800)A	30	50	650000	1@131	CP_16QAM	16.87	18.69
DC_7A-n78(3700-3800)A	30	50	650000	133@0	CP_64QAM	17.14	18.96
DC_7A-n78(3700-3800)A	30	50	650000	67@33	CP_64QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	50	650000	1@1	CP_64QAM	17.23	19.05
DC_7A-n78(3700-3800)A	30	50	650000	1@131	CP_64QAM	16.94	18.76
DC_7A-n78(3700-3800)A	30	50	650000	133@0	CP_256QAM	14.15	15.97
DC_7A-n78(3700-3800)A	30	50	650000	67@33	CP_256QAM	14.05	15.87
DC_7A-n78(3700-3800)A	30	50	650000	1@1	CP_256QAM	14.14	15.96
DC_7A-n78(3700-3800)A	30	50	650000	1@131	CP_256QAM	13.82	15.64
DC_7A-n78(3700-3800)A	30	50	651666	128@0	DFT_BPSK	16.91	18.73
DC_7A-n78(3700-3800)A	30	50	651666	64@32	DFT_BPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	50	651666	1@1	DFT_BPSK	17.01	18.83
DC_7A-n78(3700-3800)A	30	50	651666	1@131	DFT_BPSK	16.64	18.46
DC_7A-n78(3700-3800)A	30	50	651666	128@0	DFT_QPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	50	651666	64@32	DFT_QPSK	17.02	18.84
DC_7A-n78(3700-3800)A	30	50	651666	1@1	DFT_QPSK	16.94	18.76
DC_7A-n78(3700-3800)A	30	50	651666	1@131	DFT_QPSK	16.70	18.52
DC_7A-n78(3700-3800)A	30	50	651666	128@0	DFT_16QAM	16.97	18.79
DC_7A-n78(3700-3800)A	30	50	651666	64@32	DFT_16QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	50	651666	1@1	DFT_16QAM	17.20	19.02
DC_7A-n78(3700-3800)A	30	50	651666	1@131	DFT_16QAM	16.69	18.51
DC_7A-n78(3700-3800)A	30	50	651666	128@0	DFT_64QAM	16.93	18.75
DC_7A-n78(3700-3800)A	30	50	651666	64@32	DFT_64QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	50	651666	1@1	DFT_64QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	50	651666	1@131	DFT_64QAM	16.54	18.36
DC_7A-n78(3700-3800)A	30	50	651666	128@0	DFT_256QAM	16.37	18.19
DC_7A-n78(3700-3800)A	30	50	651666	64@32	DFT_256QAM	16.36	18.18
DC_7A-n78(3700-3800)A	30	50	651666	1@1	DFT_256QAM	16.28	18.10
DC_7A-n78(3700-3800)A	30	50	651666	1@131	DFT_256QAM	15.78	17.60
DC_7A-n78(3700-3800)A	30	50	651666	133@0	CP_QPSK	16.79	18.61
DC_7A-n78(3700-3800)A	30	50	651666	67@33	CP_QPSK	16.92	18.74
DC_7A-n78(3700-3800)A	30	50	651666	1@1	CP_QPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	50	651666	1@131	CP_QPSK	16.80	18.62
DC_7A-n78(3700-3800)A	30	50	651666	133@0	CP_16QAM	16.93	18.75

DC_7A-n78(3700-3800)A	30	50	651666	67@33	CP_16QAM	16.84	18.66
DC_7A-n78(3700-3800)A	30	50	651666	1@1	CP_16QAM	17.11	18.93
DC_7A-n78(3700-3800)A	30	50	651666	1@131	CP_16QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	50	651666	133@0	CP_64QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	50	651666	67@33	CP_64QAM	17.03	18.85
DC_7A-n78(3700-3800)A	30	50	651666	1@1	CP_64QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	50	651666	1@131	CP_64QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	50	651666	133@0	CP_256QAM	14.17	15.99
DC_7A-n78(3700-3800)A	30	50	651666	67@33	CP_256QAM	14.14	15.96
DC_7A-n78(3700-3800)A	30	50	651666	1@1	CP_256QAM	13.99	15.81
DC_7A-n78(3700-3800)A	30	50	651666	1@131	CP_256QAM	13.57	15.39
DC_7A-n78(3700-3800)A	30	60	648668	162@0	DFT_BPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	60	648668	81@40	DFT_BPSK	17.01	18.83
DC_7A-n78(3700-3800)A	30	60	648668	1@1	DFT_BPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	60	648668	1@160	DFT_BPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	60	648668	162@0	DFT_QPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	60	648668	81@40	DFT_QPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	60	648668	1@1	DFT_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	60	648668	1@160	DFT_QPSK	16.79	18.61
DC_7A-n78(3700-3800)A	30	60	648668	162@0	DFT_16QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	60	648668	81@40	DFT_16QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	60	648668	1@1	DFT_16QAM	17.02	18.84
DC_7A-n78(3700-3800)A	30	60	648668	1@160	DFT_16QAM	16.95	18.77
DC_7A-n78(3700-3800)A	30	60	648668	162@0	DFT_64QAM	16.86	18.68
DC_7A-n78(3700-3800)A	30	60	648668	81@40	DFT_64QAM	16.95	18.77
DC_7A-n78(3700-3800)A	30	60	648668	1@1	DFT_64QAM	16.63	18.45
DC_7A-n78(3700-3800)A	30	60	648668	1@160	DFT_64QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	60	648668	162@0	DFT_256QAM	16.43	18.25
DC_7A-n78(3700-3800)A	30	60	648668	81@40	DFT_256QAM	16.35	18.17
DC_7A-n78(3700-3800)A	30	60	648668	1@1	DFT_256QAM	16.00	17.82
DC_7A-n78(3700-3800)A	30	60	648668	1@160	DFT_256QAM	15.96	17.78
DC_7A-n78(3700-3800)A	30	60	648668	162@0	CP_QPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	60	648668	81@40	CP_QPSK	16.94	18.76
DC_7A-n78(3700-3800)A	30	60	648668	1@1	CP_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	60	648668	1@160	CP_QPSK	16.85	18.67
DC_7A-n78(3700-3800)A	30	60	648668	162@0	CP_16QAM	16.97	18.79
DC_7A-n78(3700-3800)A	30	60	648668	81@40	CP_16QAM	17.01	18.83
DC_7A-n78(3700-3800)A	30	60	648668	1@1	CP_16QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	60	648668	1@160	CP_16QAM	16.86	18.68
DC_7A-n78(3700-3800)A	30	60	648668	162@0	CP_64QAM	17.00	18.82
DC_7A-n78(3700-3800)A	30	60	648668	81@40	CP_64QAM	16.97	18.79
DC_7A-n78(3700-3800)A	30	60	648668	1@1	CP_64QAM	16.86	18.68
DC_7A-n78(3700-3800)A	30	60	648668	1@160	CP_64QAM	16.86	18.68

DC_7A-n78(3700-3800)A	30	60	648668	162@0	CP_256QAM	14.25	16.07
DC_7A-n78(3700-3800)A	30	60	648668	81@40	CP_256QAM	14.25	16.07
DC_7A-n78(3700-3800)A	30	60	648668	1@1	CP_256QAM	13.97	15.79
DC_7A-n78(3700-3800)A	30	60	648668	1@160	CP_256QAM	13.80	15.62
DC_7A-n78(3700-3800)A	30	60	650000	162@0	DFT_BPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	60	650000	81@40	DFT_BPSK	16.93	18.75
DC_7A-n78(3700-3800)A	30	60	650000	1@1	DFT_BPSK	17.21	19.03
DC_7A-n78(3700-3800)A	30	60	650000	1@160	DFT_BPSK	16.92	18.74
DC_7A-n78(3700-3800)A	30	60	650000	162@0	DFT_QPSK	17.07	18.89
DC_7A-n78(3700-3800)A	30	60	650000	81@40	DFT_QPSK	17.02	18.84
DC_7A-n78(3700-3800)A	30	60	650000	1@1	DFT_QPSK	17.23	19.05
DC_7A-n78(3700-3800)A	30	60	650000	1@160	DFT_QPSK	16.80	18.62
DC_7A-n78(3700-3800)A	30	60	650000	162@0	DFT_16QAM	17.01	18.83
DC_7A-n78(3700-3800)A	30	60	650000	81@40	DFT_16QAM	17.00	18.82
DC_7A-n78(3700-3800)A	30	60	650000	1@1	DFT_16QAM	17.32	19.14
DC_7A-n78(3700-3800)A	30	60	650000	1@160	DFT_16QAM	17.01	18.83
DC_7A-n78(3700-3800)A	30	60	650000	162@0	DFT_64QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	60	650000	81@40	DFT_64QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	60	650000	1@1	DFT_64QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	60	650000	1@160	DFT_64QAM	16.75	18.57
DC_7A-n78(3700-3800)A	30	60	650000	162@0	DFT_256QAM	16.64	18.46
DC_7A-n78(3700-3800)A	30	60	650000	81@40	DFT_256QAM	16.57	18.39
DC_7A-n78(3700-3800)A	30	60	650000	1@1	DFT_256QAM	16.42	18.24
DC_7A-n78(3700-3800)A	30	60	650000	1@160	DFT_256QAM	16.11	17.93
DC_7A-n78(3700-3800)A	30	60	650000	162@0	CP_QPSK	17.02	18.84
DC_7A-n78(3700-3800)A	30	60	650000	81@40	CP_QPSK	17.00	18.82
DC_7A-n78(3700-3800)A	30	60	650000	1@1	CP_QPSK	17.14	18.96
DC_7A-n78(3700-3800)A	30	60	650000	1@160	CP_QPSK	16.93	18.75
DC_7A-n78(3700-3800)A	30	60	650000	162@0	CP_16QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	60	650000	81@40	CP_16QAM	17.03	18.85
DC_7A-n78(3700-3800)A	30	60	650000	1@1	CP_16QAM	17.21	19.03
DC_7A-n78(3700-3800)A	30	60	650000	1@160	CP_16QAM	17.01	18.83
DC_7A-n78(3700-3800)A	30	60	650000	162@0	CP_64QAM	17.02	18.84
DC_7A-n78(3700-3800)A	30	60	650000	81@40	CP_64QAM	17.14	18.96
DC_7A-n78(3700-3800)A	30	60	650000	1@1	CP_64QAM	17.25	19.07
DC_7A-n78(3700-3800)A	30	60	650000	1@160	CP_64QAM	16.93	18.75
DC_7A-n78(3700-3800)A	30	60	650000	162@0	CP_256QAM	14.09	15.91
DC_7A-n78(3700-3800)A	30	60	650000	81@40	CP_256QAM	14.15	15.97
DC_7A-n78(3700-3800)A	30	60	650000	1@1	CP_256QAM	14.18	16.00
DC_7A-n78(3700-3800)A	30	60	650000	1@160	CP_256QAM	13.70	15.52
DC_7A-n78(3700-3800)A	30	60	651332	162@0	DFT_BPSK	17.04	18.86
DC_7A-n78(3700-3800)A	30	60	651332	81@40	DFT_BPSK	16.86	18.68
DC_7A-n78(3700-3800)A	30	60	651332	1@1	DFT_BPSK	17.13	18.95

DC_7A-n78(3700-3800)A	30	60	651332	1@160	DFT_BPSK	16.84	18.66
DC_7A-n78(3700-3800)A	30	60	651332	162@0	DFT_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	60	651332	81@40	DFT_QPSK	16.92	18.74
DC_7A-n78(3700-3800)A	30	60	651332	1@1	DFT_QPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	60	651332	1@160	DFT_QPSK	16.93	18.75
DC_7A-n78(3700-3800)A	30	60	651332	162@0	DFT_16QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	60	651332	81@40	DFT_16QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	60	651332	1@1	DFT_16QAM	17.18	19.00
DC_7A-n78(3700-3800)A	30	60	651332	1@160	DFT_16QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	60	651332	162@0	DFT_64QAM	17.02	18.84
DC_7A-n78(3700-3800)A	30	60	651332	81@40	DFT_64QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	60	651332	1@1	DFT_64QAM	16.85	18.67
DC_7A-n78(3700-3800)A	30	60	651332	1@160	DFT_64QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	60	651332	162@0	DFT_256QAM	16.43	18.25
DC_7A-n78(3700-3800)A	30	60	651332	81@40	DFT_256QAM	16.46	18.28
DC_7A-n78(3700-3800)A	30	60	651332	1@1	DFT_256QAM	16.22	18.04
DC_7A-n78(3700-3800)A	30	60	651332	1@160	DFT_256QAM	16.12	17.94
DC_7A-n78(3700-3800)A	30	60	651332	162@0	CP_QPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	60	651332	81@40	CP_QPSK	16.85	18.67
DC_7A-n78(3700-3800)A	30	60	651332	1@1	CP_QPSK	17.48	19.30
DC_7A-n78(3700-3800)A	30	60	651332	1@160	CP_QPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	60	651332	162@0	CP_16QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	60	651332	81@40	CP_16QAM	16.94	18.76
DC_7A-n78(3700-3800)A	30	60	651332	1@1	CP_16QAM	17.13	18.95
DC_7A-n78(3700-3800)A	30	60	651332	1@160	CP_16QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	60	651332	162@0	CP_64QAM	17.00	18.82
DC_7A-n78(3700-3800)A	30	60	651332	81@40	CP_64QAM	16.93	18.75
DC_7A-n78(3700-3800)A	30	60	651332	1@1	CP_64QAM	17.09	18.91
DC_7A-n78(3700-3800)A	30	60	651332	1@160	CP_64QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	60	651332	162@0	CP_256QAM	14.31	16.13
DC_7A-n78(3700-3800)A	30	60	651332	81@40	CP_256QAM	14.10	15.92
DC_7A-n78(3700-3800)A	30	60	651332	1@1	CP_256QAM	14.07	15.89
DC_7A-n78(3700-3800)A	30	60	651332	1@160	CP_256QAM	14.01	15.83
DC_7A-n78(3700-3800)A	30	70	649000	180@0	DFT_BPSK	16.69	18.51
DC_7A-n78(3700-3800)A	30	70	649000	90@45	DFT_BPSK	16.55	18.37
DC_7A-n78(3700-3800)A	30	70	649000	1@1	DFT_BPSK	16.57	18.39
DC_7A-n78(3700-3800)A	30	70	649000	1@187	DFT_BPSK	16.55	18.37
DC_7A-n78(3700-3800)A	30	70	649000	180@0	DFT_QPSK	16.63	18.45
DC_7A-n78(3700-3800)A	30	70	649000	90@45	DFT_QPSK	16.63	18.45
DC_7A-n78(3700-3800)A	30	70	649000	1@1	DFT_QPSK	16.55	18.37
DC_7A-n78(3700-3800)A	30	70	649000	1@187	DFT_QPSK	16.55	18.37
DC_7A-n78(3700-3800)A	30	70	649000	180@0	DFT_16QAM	16.59	18.41
DC_7A-n78(3700-3800)A	30	70	649000	90@45	DFT_16QAM	16.71	18.53

DC_7A-n78(3700-3800)A	30	70	649000	1@1	DFT_16QAM	16.63	18.45
DC_7A-n78(3700-3800)A	30	70	649000	1@187	DFT_16QAM	16.67	18.49
DC_7A-n78(3700-3800)A	30	70	649000	180@0	DFT_64QAM	16.60	18.42
DC_7A-n78(3700-3800)A	30	70	649000	90@45	DFT_64QAM	16.64	18.46
DC_7A-n78(3700-3800)A	30	70	649000	1@1	DFT_64QAM	16.46	18.28
DC_7A-n78(3700-3800)A	30	70	649000	1@187	DFT_64QAM	16.57	18.39
DC_7A-n78(3700-3800)A	30	70	649000	180@0	DFT_256QAM	16.11	17.93
DC_7A-n78(3700-3800)A	30	70	649000	90@45	DFT_256QAM	16.17	17.99
DC_7A-n78(3700-3800)A	30	70	649000	1@1	DFT_256QAM	15.82	17.64
DC_7A-n78(3700-3800)A	30	70	649000	1@187	DFT_256QAM	15.74	17.56
DC_7A-n78(3700-3800)A	30	70	649000	189@0	CP_QPSK	16.66	18.48
DC_7A-n78(3700-3800)A	30	70	649000	95@47	CP_QPSK	16.64	18.46
DC_7A-n78(3700-3800)A	30	70	649000	1@1	CP_QPSK	16.54	18.36
DC_7A-n78(3700-3800)A	30	70	649000	1@187	CP_QPSK	16.57	18.39
DC_7A-n78(3700-3800)A	30	70	649000	189@0	CP_16QAM	16.61	18.43
DC_7A-n78(3700-3800)A	30	70	649000	95@47	CP_16QAM	16.66	18.48
DC_7A-n78(3700-3800)A	30	70	649000	1@1	CP_16QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	70	649000	1@187	CP_16QAM	16.54	18.36
DC_7A-n78(3700-3800)A	30	70	649000	189@0	CP_64QAM	16.70	18.52
DC_7A-n78(3700-3800)A	30	70	649000	95@47	CP_64QAM	16.57	18.39
DC_7A-n78(3700-3800)A	30	70	649000	1@1	CP_64QAM	16.63	18.45
DC_7A-n78(3700-3800)A	30	70	649000	1@187	CP_64QAM	16.46	18.28
DC_7A-n78(3700-3800)A	30	70	649000	189@0	CP_256QAM	13.81	15.63
DC_7A-n78(3700-3800)A	30	70	649000	95@47	CP_256QAM	13.89	15.71
DC_7A-n78(3700-3800)A	30	70	649000	1@1	CP_256QAM	13.53	15.35
DC_7A-n78(3700-3800)A	30	70	649000	1@187	CP_256QAM	13.56	15.38
DC_7A-n78(3700-3800)A	30	70	650000	180@0	DFT_BPSK	16.92	18.74
DC_7A-n78(3700-3800)A	30	70	650000	90@45	DFT_BPSK	16.84	18.66
DC_7A-n78(3700-3800)A	30	70	650000	1@1	DFT_BPSK	17.07	18.89
DC_7A-n78(3700-3800)A	30	70	650000	1@187	DFT_BPSK	16.55	18.37
DC_7A-n78(3700-3800)A	30	70	650000	180@0	DFT_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	70	650000	90@45	DFT_QPSK	16.88	18.70
DC_7A-n78(3700-3800)A	30	70	650000	1@1	DFT_QPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	70	650000	1@187	DFT_QPSK	16.60	18.42
DC_7A-n78(3700-3800)A	30	70	650000	180@0	DFT_16QAM	16.78	18.60
DC_7A-n78(3700-3800)A	30	70	650000	90@45	DFT_16QAM	16.84	18.66
DC_7A-n78(3700-3800)A	30	70	650000	1@1	DFT_16QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	70	650000	1@187	DFT_16QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	70	650000	180@0	DFT_64QAM	16.93	18.75
DC_7A-n78(3700-3800)A	30	70	650000	90@45	DFT_64QAM	16.97	18.79
DC_7A-n78(3700-3800)A	30	70	650000	1@1	DFT_64QAM	16.85	18.67
DC_7A-n78(3700-3800)A	30	70	650000	1@187	DFT_64QAM	16.45	18.27
DC_7A-n78(3700-3800)A	30	70	650000	180@0	DFT_256QAM	16.45	18.27

DC_7A-n78(3700-3800)A	30	70	650000	90@45	DFT_256QAM	16.46	18.28
DC_7A-n78(3700-3800)A	30	70	650000	1@1	DFT_256QAM	16.30	18.12
DC_7A-n78(3700-3800)A	30	70	650000	1@187	DFT_256QAM	15.79	17.61
DC_7A-n78(3700-3800)A	30	70	650000	189@0	CP_QPSK	16.97	18.79
DC_7A-n78(3700-3800)A	30	70	650000	95@47	CP_QPSK	17.01	18.83
DC_7A-n78(3700-3800)A	30	70	650000	1@1	CP_QPSK	17.11	18.93
DC_7A-n78(3700-3800)A	30	70	650000	1@187	CP_QPSK	16.64	18.46
DC_7A-n78(3700-3800)A	30	70	650000	189@0	CP_16QAM	16.86	18.68
DC_7A-n78(3700-3800)A	30	70	650000	95@47	CP_16QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	70	650000	1@1	CP_16QAM	17.19	19.01
DC_7A-n78(3700-3800)A	30	70	650000	1@187	CP_16QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	70	650000	189@0	CP_64QAM	16.97	18.79
DC_7A-n78(3700-3800)A	30	70	650000	95@47	CP_64QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	70	650000	1@1	CP_64QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	70	650000	1@187	CP_64QAM	16.55	18.37
DC_7A-n78(3700-3800)A	30	70	650000	189@0	CP_256QAM	13.99	15.81
DC_7A-n78(3700-3800)A	30	70	650000	95@47	CP_256QAM	13.98	15.80
DC_7A-n78(3700-3800)A	30	70	650000	1@1	CP_256QAM	14.02	15.84
DC_7A-n78(3700-3800)A	30	70	650000	1@187	CP_256QAM	13.48	15.30
DC_7A-n78(3700-3800)A	30	70	651000	180@0	DFT_BPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	70	651000	90@45	DFT_BPSK	16.76	18.58
DC_7A-n78(3700-3800)A	30	70	651000	1@1	DFT_BPSK	16.93	18.75
DC_7A-n78(3700-3800)A	30	70	651000	1@187	DFT_BPSK	16.69	18.51
DC_7A-n78(3700-3800)A	30	70	651000	180@0	DFT_QPSK	16.79	18.61
DC_7A-n78(3700-3800)A	30	70	651000	90@45	DFT_QPSK	16.77	18.59
DC_7A-n78(3700-3800)A	30	70	651000	1@1	DFT_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	70	651000	1@187	DFT_QPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	70	651000	180@0	DFT_16QAM	16.85	18.67
DC_7A-n78(3700-3800)A	30	70	651000	90@45	DFT_16QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	70	651000	1@1	DFT_16QAM	17.02	18.84
DC_7A-n78(3700-3800)A	30	70	651000	1@187	DFT_16QAM	16.77	18.59
DC_7A-n78(3700-3800)A	30	70	651000	180@0	DFT_64QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	70	651000	90@45	DFT_64QAM	16.78	18.60
DC_7A-n78(3700-3800)A	30	70	651000	1@1	DFT_64QAM	16.77	18.59
DC_7A-n78(3700-3800)A	30	70	651000	1@187	DFT_64QAM	16.57	18.39
DC_7A-n78(3700-3800)A	30	70	651000	180@0	DFT_256QAM	16.32	18.14
DC_7A-n78(3700-3800)A	30	70	651000	90@45	DFT_256QAM	16.28	18.10
DC_7A-n78(3700-3800)A	30	70	651000	1@1	DFT_256QAM	16.14	17.96
DC_7A-n78(3700-3800)A	30	70	651000	1@187	DFT_256QAM	15.92	17.74
DC_7A-n78(3700-3800)A	30	70	651000	189@0	CP_QPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	70	651000	95@47	CP_QPSK	16.80	18.62
DC_7A-n78(3700-3800)A	30	70	651000	1@1	CP_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	70	651000	1@187	CP_QPSK	16.73	18.55

DC_7A-n78(3700-3800)A	30	70	651000	189@0	CP_16QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	70	651000	95@47	CP_16QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	70	651000	1@1	CP_16QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	70	651000	1@187	CP_16QAM	16.92	18.74
DC_7A-n78(3700-3800)A	30	70	651000	189@0	CP_64QAM	16.95	18.77
DC_7A-n78(3700-3800)A	30	70	651000	95@47	CP_64QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	70	651000	1@1	CP_64QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	70	651000	1@187	CP_64QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	70	651000	189@0	CP_256QAM	13.93	15.75
DC_7A-n78(3700-3800)A	30	70	651000	95@47	CP_256QAM	13.95	15.77
DC_7A-n78(3700-3800)A	30	70	651000	1@1	CP_256QAM	13.94	15.76
DC_7A-n78(3700-3800)A	30	70	651000	1@187	CP_256QAM	13.74	15.56
DC_7A-n78(3700-3800)A	30	80	649334	216@0	DFT_BPSK	16.88	18.70
DC_7A-n78(3700-3800)A	30	80	649334	108@54	DFT_BPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	80	649334	1@1	DFT_BPSK	16.68	18.50
DC_7A-n78(3700-3800)A	30	80	649334	1@215	DFT_BPSK	16.55	18.37
DC_7A-n78(3700-3800)A	30	80	649334	216@0	DFT_QPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	80	649334	108@54	DFT_QPSK	16.85	18.67
DC_7A-n78(3700-3800)A	30	80	649334	1@1	DFT_QPSK	16.70	18.52
DC_7A-n78(3700-3800)A	30	80	649334	1@215	DFT_QPSK	16.64	18.46
DC_7A-n78(3700-3800)A	30	80	649334	216@0	DFT_16QAM	16.78	18.60
DC_7A-n78(3700-3800)A	30	80	649334	108@54	DFT_16QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	80	649334	1@1	DFT_16QAM	16.76	18.58
DC_7A-n78(3700-3800)A	30	80	649334	1@215	DFT_16QAM	16.55	18.37
DC_7A-n78(3700-3800)A	30	80	649334	216@0	DFT_64QAM	16.86	18.68
DC_7A-n78(3700-3800)A	30	80	649334	108@54	DFT_64QAM	16.87	18.69
DC_7A-n78(3700-3800)A	30	80	649334	1@1	DFT_64QAM	16.51	18.33
DC_7A-n78(3700-3800)A	30	80	649334	1@215	DFT_64QAM	16.45	18.27
DC_7A-n78(3700-3800)A	30	80	649334	216@0	DFT_256QAM	16.28	18.10
DC_7A-n78(3700-3800)A	30	80	649334	108@54	DFT_256QAM	16.27	18.09
DC_7A-n78(3700-3800)A	30	80	649334	1@1	DFT_256QAM	15.90	17.72
DC_7A-n78(3700-3800)A	30	80	649334	1@215	DFT_256QAM	15.79	17.61
DC_7A-n78(3700-3800)A	30	80	649334	217@0	CP_QPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	80	649334	109@54	CP_QPSK	16.80	18.62
DC_7A-n78(3700-3800)A	30	80	649334	1@1	CP_QPSK	16.84	18.66
DC_7A-n78(3700-3800)A	30	80	649334	1@215	CP_QPSK	16.67	18.49
DC_7A-n78(3700-3800)A	30	80	649334	217@0	CP_16QAM	16.84	18.66
DC_7A-n78(3700-3800)A	30	80	649334	109@54	CP_16QAM	16.86	18.68
DC_7A-n78(3700-3800)A	30	80	649334	1@1	CP_16QAM	16.79	18.61
DC_7A-n78(3700-3800)A	30	80	649334	1@215	CP_16QAM	16.64	18.46
DC_7A-n78(3700-3800)A	30	80	649334	217@0	CP_64QAM	16.76	18.58
DC_7A-n78(3700-3800)A	30	80	649334	109@54	CP_64QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	80	649334	1@1	CP_64QAM	16.85	18.67

DC_7A-n78(3700-3800)A	30	80	649334	1@215	CP_64QAM	16.75	18.57
DC_7A-n78(3700-3800)A	30	80	649334	217@0	CP_256QAM	13.91	15.73
DC_7A-n78(3700-3800)A	30	80	649334	109@54	CP_256QAM	13.94	15.76
DC_7A-n78(3700-3800)A	30	80	649334	1@1	CP_256QAM	13.84	15.66
DC_7A-n78(3700-3800)A	30	80	649334	1@215	CP_256QAM	13.50	15.32
DC_7A-n78(3700-3800)A	30	80	650000	216@0	DFT_BPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	80	650000	108@54	DFT_BPSK	16.86	18.68
DC_7A-n78(3700-3800)A	30	80	650000	1@1	DFT_BPSK	16.91	18.73
DC_7A-n78(3700-3800)A	30	80	650000	1@215	DFT_BPSK	16.64	18.46
DC_7A-n78(3700-3800)A	30	80	650000	216@0	DFT_QPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	80	650000	108@54	DFT_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	80	650000	1@1	DFT_QPSK	16.85	18.67
DC_7A-n78(3700-3800)A	30	80	650000	1@215	DFT_QPSK	16.50	18.32
DC_7A-n78(3700-3800)A	30	80	650000	216@0	DFT_16QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	80	650000	108@54	DFT_16QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	80	650000	1@1	DFT_16QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	80	650000	1@215	DFT_16QAM	16.76	18.58
DC_7A-n78(3700-3800)A	30	80	650000	216@0	DFT_64QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	80	650000	108@54	DFT_64QAM	16.84	18.66
DC_7A-n78(3700-3800)A	30	80	650000	1@1	DFT_64QAM	16.76	18.58
DC_7A-n78(3700-3800)A	30	80	650000	1@215	DFT_64QAM	16.51	18.33
DC_7A-n78(3700-3800)A	30	80	650000	216@0	DFT_256QAM	16.39	18.21
DC_7A-n78(3700-3800)A	30	80	650000	108@54	DFT_256QAM	16.39	18.21
DC_7A-n78(3700-3800)A	30	80	650000	1@1	DFT_256QAM	16.23	18.05
DC_7A-n78(3700-3800)A	30	80	650000	1@215	DFT_256QAM	15.86	17.68
DC_7A-n78(3700-3800)A	30	80	650000	217@0	CP_QPSK	16.91	18.73
DC_7A-n78(3700-3800)A	30	80	650000	109@54	CP_QPSK	16.94	18.76
DC_7A-n78(3700-3800)A	30	80	650000	1@1	CP_QPSK	16.92	18.74
DC_7A-n78(3700-3800)A	30	80	650000	1@215	CP_QPSK	16.64	18.46
DC_7A-n78(3700-3800)A	30	80	650000	217@0	CP_16QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	80	650000	109@54	CP_16QAM	16.85	18.67
DC_7A-n78(3700-3800)A	30	80	650000	1@1	CP_16QAM	17.02	18.84
DC_7A-n78(3700-3800)A	30	80	650000	1@215	CP_16QAM	16.64	18.46
DC_7A-n78(3700-3800)A	30	80	650000	217@0	CP_64QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	80	650000	109@54	CP_64QAM	16.71	18.53
DC_7A-n78(3700-3800)A	30	80	650000	1@1	CP_64QAM	17.14	18.96
DC_7A-n78(3700-3800)A	30	80	650000	1@215	CP_64QAM	16.77	18.59
DC_7A-n78(3700-3800)A	30	80	650000	217@0	CP_256QAM	13.96	15.78
DC_7A-n78(3700-3800)A	30	80	650000	109@54	CP_256QAM	14.11	15.93
DC_7A-n78(3700-3800)A	30	80	650000	1@1	CP_256QAM	14.11	15.93
DC_7A-n78(3700-3800)A	30	80	650000	1@215	CP_256QAM	13.50	15.32
DC_7A-n78(3700-3800)A	30	80	650666	216@0	DFT_BPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	80	650666	108@54	DFT_BPSK	16.82	18.64

DC_7A-n78(3700-3800)A	30	80	650666	1@1	DFT_BPSK	17.07	18.89
DC_7A-n78(3700-3800)A	30	80	650666	1@215	DFT_BPSK	16.76	18.58
DC_7A-n78(3700-3800)A	30	80	650666	216@0	DFT_QPSK	16.91	18.73
DC_7A-n78(3700-3800)A	30	80	650666	108@54	DFT_QPSK	16.92	18.74
DC_7A-n78(3700-3800)A	30	80	650666	1@1	DFT_QPSK	17.19	19.01
DC_7A-n78(3700-3800)A	30	80	650666	1@215	DFT_QPSK	16.78	18.60
DC_7A-n78(3700-3800)A	30	80	650666	216@0	DFT_16QAM	16.94	18.76
DC_7A-n78(3700-3800)A	30	80	650666	108@54	DFT_16QAM	16.97	18.79
DC_7A-n78(3700-3800)A	30	80	650666	1@1	DFT_16QAM	17.28	19.10
DC_7A-n78(3700-3800)A	30	80	650666	1@215	DFT_16QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	80	650666	216@0	DFT_64QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	80	650666	108@54	DFT_64QAM	16.85	18.67
DC_7A-n78(3700-3800)A	30	80	650666	1@1	DFT_64QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	80	650666	1@215	DFT_64QAM	16.48	18.30
DC_7A-n78(3700-3800)A	30	80	650666	216@0	DFT_256QAM	16.28	18.10
DC_7A-n78(3700-3800)A	30	80	650666	108@54	DFT_256QAM	16.30	18.12
DC_7A-n78(3700-3800)A	30	80	650666	1@1	DFT_256QAM	16.29	18.11
DC_7A-n78(3700-3800)A	30	80	650666	1@215	DFT_256QAM	16.02	17.84
DC_7A-n78(3700-3800)A	30	80	650666	217@0	CP_QPSK	16.93	18.75
DC_7A-n78(3700-3800)A	30	80	650666	109@54	CP_QPSK	16.93	18.75
DC_7A-n78(3700-3800)A	30	80	650666	1@1	CP_QPSK	17.11	18.93
DC_7A-n78(3700-3800)A	30	80	650666	1@215	CP_QPSK	16.69	18.51
DC_7A-n78(3700-3800)A	30	80	650666	217@0	CP_16QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	80	650666	109@54	CP_16QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	80	650666	1@1	CP_16QAM	17.25	19.07
DC_7A-n78(3700-3800)A	30	80	650666	1@215	CP_16QAM	16.75	18.57
DC_7A-n78(3700-3800)A	30	80	650666	217@0	CP_64QAM	16.92	18.74
DC_7A-n78(3700-3800)A	30	80	650666	109@54	CP_64QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	80	650666	1@1	CP_64QAM	17.27	19.09
DC_7A-n78(3700-3800)A	30	80	650666	1@215	CP_64QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	80	650666	217@0	CP_256QAM	14.05	15.87
DC_7A-n78(3700-3800)A	30	80	650666	109@54	CP_256QAM	13.99	15.81
DC_7A-n78(3700-3800)A	30	80	650666	1@1	CP_256QAM	14.14	15.96
DC_7A-n78(3700-3800)A	30	80	650666	1@215	CP_256QAM	13.81	15.63
DC_7A-n78(3700-3800)A	30	90	649668	240@0	DFT_BPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	90	649668	120@60	DFT_BPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	90	649668	1@1	DFT_BPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	90	649668	1@243	DFT_BPSK	16.64	18.46
DC_7A-n78(3700-3800)A	30	90	649668	240@0	DFT_QPSK	16.80	18.62
DC_7A-n78(3700-3800)A	30	90	649668	120@60	DFT_QPSK	16.84	18.66
DC_7A-n78(3700-3800)A	30	90	649668	1@1	DFT_QPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	90	649668	1@243	DFT_QPSK	16.85	18.67
DC_7A-n78(3700-3800)A	30	90	649668	240@0	DFT_16QAM	16.80	18.62

DC_7A-n78(3700-3800)A	30	90	649668	120@60	DFT_16QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	90	649668	1@1	DFT_16QAM	16.68	18.50
DC_7A-n78(3700-3800)A	30	90	649668	1@243	DFT_16QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	90	649668	240@0	DFT_64QAM	16.85	18.67
DC_7A-n78(3700-3800)A	30	90	649668	120@60	DFT_64QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	90	649668	1@1	DFT_64QAM	16.43	18.25
DC_7A-n78(3700-3800)A	30	90	649668	1@243	DFT_64QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	90	649668	240@0	DFT_256QAM	16.17	17.99
DC_7A-n78(3700-3800)A	30	90	649668	120@60	DFT_256QAM	16.37	18.19
DC_7A-n78(3700-3800)A	30	90	649668	1@1	DFT_256QAM	15.96	17.78
DC_7A-n78(3700-3800)A	30	90	649668	1@243	DFT_256QAM	15.91	17.73
DC_7A-n78(3700-3800)A	30	90	649668	245@0	CP_QPSK	16.79	18.61
DC_7A-n78(3700-3800)A	30	90	649668	123@61	CP_QPSK	16.69	18.51
DC_7A-n78(3700-3800)A	30	90	649668	1@1	CP_QPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	90	649668	1@243	CP_QPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	90	649668	245@0	CP_16QAM	16.87	18.69
DC_7A-n78(3700-3800)A	30	90	649668	123@61	CP_16QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	90	649668	1@1	CP_16QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	90	649668	1@243	CP_16QAM	16.88	18.70
DC_7A-n78(3700-3800)A	30	90	649668	245@0	CP_64QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	90	649668	123@61	CP_64QAM	16.76	18.58
DC_7A-n78(3700-3800)A	30	90	649668	1@1	CP_64QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	90	649668	1@243	CP_64QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	90	649668	245@0	CP_256QAM	13.96	15.78
DC_7A-n78(3700-3800)A	30	90	649668	123@61	CP_256QAM	13.93	15.75
DC_7A-n78(3700-3800)A	30	90	649668	1@1	CP_256QAM	13.65	15.47
DC_7A-n78(3700-3800)A	30	90	649668	1@243	CP_256QAM	13.86	15.68
DC_7A-n78(3700-3800)A	30	90	650000	240@0	DFT_BPSK	16.84	18.66
DC_7A-n78(3700-3800)A	30	90	650000	120@60	DFT_BPSK	16.92	18.74
DC_7A-n78(3700-3800)A	30	90	650000	1@1	DFT_BPSK	16.87	18.69
DC_7A-n78(3700-3800)A	30	90	650000	1@243	DFT_BPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	90	650000	240@0	DFT_QPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	90	650000	120@60	DFT_QPSK	16.75	18.57
DC_7A-n78(3700-3800)A	30	90	650000	1@1	DFT_QPSK	16.92	18.74
DC_7A-n78(3700-3800)A	30	90	650000	1@243	DFT_QPSK	16.73	18.55
DC_7A-n78(3700-3800)A	30	90	650000	240@0	DFT_16QAM	16.87	18.69
DC_7A-n78(3700-3800)A	30	90	650000	120@60	DFT_16QAM	17.02	18.84
DC_7A-n78(3700-3800)A	30	90	650000	1@1	DFT_16QAM	16.95	18.77
DC_7A-n78(3700-3800)A	30	90	650000	1@243	DFT_16QAM	16.72	18.54
DC_7A-n78(3700-3800)A	30	90	650000	240@0	DFT_64QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	90	650000	120@60	DFT_64QAM	16.87	18.69
DC_7A-n78(3700-3800)A	30	90	650000	1@1	DFT_64QAM	16.69	18.51
DC_7A-n78(3700-3800)A	30	90	650000	1@243	DFT_64QAM	16.41	18.23

DC_7A-n78(3700-3800)A	30	90	650000	240@0	DFT_256QAM	16.41	18.23
DC_7A-n78(3700-3800)A	30	90	650000	120@60	DFT_256QAM	16.41	18.23
DC_7A-n78(3700-3800)A	30	90	650000	1@1	DFT_256QAM	16.11	17.93
DC_7A-n78(3700-3800)A	30	90	650000	1@243	DFT_256QAM	15.90	17.72
DC_7A-n78(3700-3800)A	30	90	650000	245@0	CP_QPSK	16.87	18.69
DC_7A-n78(3700-3800)A	30	90	650000	123@61	CP_QPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	90	650000	1@1	CP_QPSK	16.98	18.80
DC_7A-n78(3700-3800)A	30	90	650000	1@243	CP_QPSK	16.72	18.54
DC_7A-n78(3700-3800)A	30	90	650000	245@0	CP_16QAM	16.93	18.75
DC_7A-n78(3700-3800)A	30	90	650000	123@61	CP_16QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	90	650000	1@1	CP_16QAM	17.00	18.82
DC_7A-n78(3700-3800)A	30	90	650000	1@243	CP_16QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	90	650000	245@0	CP_64QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	90	650000	123@61	CP_64QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	90	650000	1@1	CP_64QAM	16.89	18.71
DC_7A-n78(3700-3800)A	30	90	650000	1@243	CP_64QAM	16.71	18.53
DC_7A-n78(3700-3800)A	30	90	650000	245@0	CP_256QAM	13.97	15.79
DC_7A-n78(3700-3800)A	30	90	650000	123@61	CP_256QAM	14.02	15.84
DC_7A-n78(3700-3800)A	30	90	650000	1@1	CP_256QAM	14.26	16.08
DC_7A-n78(3700-3800)A	30	90	650000	1@243	CP_256QAM	13.94	15.76
DC_7A-n78(3700-3800)A	30	90	650332	240@0	DFT_BPSK	17.01	18.83
DC_7A-n78(3700-3800)A	30	90	650332	120@60	DFT_BPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	90	650332	1@1	DFT_BPSK	17.07	18.89
DC_7A-n78(3700-3800)A	30	90	650332	1@243	DFT_BPSK	16.62	18.44
DC_7A-n78(3700-3800)A	30	90	650332	240@0	DFT_QPSK	17.01	18.83
DC_7A-n78(3700-3800)A	30	90	650332	120@60	DFT_QPSK	17.03	18.85
DC_7A-n78(3700-3800)A	30	90	650332	1@1	DFT_QPSK	17.14	18.96
DC_7A-n78(3700-3800)A	30	90	650332	1@243	DFT_QPSK	16.70	18.52
DC_7A-n78(3700-3800)A	30	90	650332	240@0	DFT_16QAM	17.05	18.87
DC_7A-n78(3700-3800)A	30	90	650332	120@60	DFT_16QAM	17.09	18.91
DC_7A-n78(3700-3800)A	30	90	650332	1@1	DFT_16QAM	17.16	18.98
DC_7A-n78(3700-3800)A	30	90	650332	1@243	DFT_16QAM	16.75	18.57
DC_7A-n78(3700-3800)A	30	90	650332	240@0	DFT_64QAM	16.94	18.76
DC_7A-n78(3700-3800)A	30	90	650332	120@60	DFT_64QAM	16.94	18.76
DC_7A-n78(3700-3800)A	30	90	650332	1@1	DFT_64QAM	16.92	18.74
DC_7A-n78(3700-3800)A	30	90	650332	1@243	DFT_64QAM	16.55	18.37
DC_7A-n78(3700-3800)A	30	90	650332	240@0	DFT_256QAM	16.59	18.41
DC_7A-n78(3700-3800)A	30	90	650332	120@60	DFT_256QAM	16.54	18.36
DC_7A-n78(3700-3800)A	30	90	650332	1@1	DFT_256QAM	16.39	18.21
DC_7A-n78(3700-3800)A	30	90	650332	1@243	DFT_256QAM	15.99	17.81
DC_7A-n78(3700-3800)A	30	90	650332	245@0	CP_QPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	90	650332	123@61	CP_QPSK	17.05	18.87
DC_7A-n78(3700-3800)A	30	90	650332	1@1	CP_QPSK	17.12	18.94

DC_7A-n78(3700-3800)A	30	90	650332	1@243	CP_QPSK	16.71	18.53
DC_7A-n78(3700-3800)A	30	90	650332	245@0	CP_16QAM	16.92	18.74
DC_7A-n78(3700-3800)A	30	90	650332	123@61	CP_16QAM	17.07	18.89
DC_7A-n78(3700-3800)A	30	90	650332	1@1	CP_16QAM	17.20	19.02
DC_7A-n78(3700-3800)A	30	90	650332	1@243	CP_16QAM	16.77	18.59
DC_7A-n78(3700-3800)A	30	90	650332	245@0	CP_64QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	90	650332	123@61	CP_64QAM	17.14	18.96
DC_7A-n78(3700-3800)A	30	90	650332	1@1	CP_64QAM	17.14	18.96
DC_7A-n78(3700-3800)A	30	90	650332	1@243	CP_64QAM	16.78	18.60
DC_7A-n78(3700-3800)A	30	90	650332	245@0	CP_256QAM	14.09	15.91
DC_7A-n78(3700-3800)A	30	90	650332	123@61	CP_256QAM	14.11	15.93
DC_7A-n78(3700-3800)A	30	90	650332	1@1	CP_256QAM	14.18	16.00
DC_7A-n78(3700-3800)A	30	90	650332	1@243	CP_256QAM	13.81	15.63
DC_7A-n78(3700-3800)A	30	100	650000	270@0	DFT_BPSK	16.85	18.67
DC_7A-n78(3700-3800)A	30	100	650000	135@67	DFT_BPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	100	650000	1@1	DFT_BPSK	16.84	18.66
DC_7A-n78(3700-3800)A	30	100	650000	1@271	DFT_BPSK	16.71	18.53
DC_7A-n78(3700-3800)A	30	100	650000	270@0	DFT_QPSK	16.95	18.77
DC_7A-n78(3700-3800)A	30	100	650000	135@67	DFT_QPSK	16.96	18.78
DC_7A-n78(3700-3800)A	30	100	650000	1@1	DFT_QPSK	16.82	18.64
DC_7A-n78(3700-3800)A	30	100	650000	1@271	DFT_QPSK	16.68	18.50
DC_7A-n78(3700-3800)A	30	100	650000	270@0	DFT_16QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	100	650000	135@67	DFT_16QAM	16.91	18.73
DC_7A-n78(3700-3800)A	30	100	650000	1@1	DFT_16QAM	16.97	18.79
DC_7A-n78(3700-3800)A	30	100	650000	1@271	DFT_16QAM	16.87	18.69
DC_7A-n78(3700-3800)A	30	100	650000	270@0	DFT_64QAM	17.01	18.83
DC_7A-n78(3700-3800)A	30	100	650000	135@67	DFT_64QAM	16.80	18.62
DC_7A-n78(3700-3800)A	30	100	650000	1@1	DFT_64QAM	16.73	18.55
DC_7A-n78(3700-3800)A	30	100	650000	1@271	DFT_64QAM	16.53	18.35
DC_7A-n78(3700-3800)A	30	100	650000	270@0	DFT_256QAM	16.55	18.37
DC_7A-n78(3700-3800)A	30	100	650000	135@67	DFT_256QAM	16.53	18.35
DC_7A-n78(3700-3800)A	30	100	650000	1@1	DFT_256QAM	15.91	17.73
DC_7A-n78(3700-3800)A	30	100	650000	1@271	DFT_256QAM	15.86	17.68
DC_7A-n78(3700-3800)A	30	100	650000	273@0	CP_QPSK	16.86	18.68
DC_7A-n78(3700-3800)A	30	100	650000	137@68	CP_QPSK	16.89	18.71
DC_7A-n78(3700-3800)A	30	100	650000	1@1	CP_QPSK	16.87	18.69
DC_7A-n78(3700-3800)A	30	100	650000	1@271	CP_QPSK	16.80	18.62
DC_7A-n78(3700-3800)A	30	100	650000	273@0	CP_16QAM	16.77	18.59
DC_7A-n78(3700-3800)A	30	100	650000	137@68	CP_16QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	100	650000	1@1	CP_16QAM	16.98	18.80
DC_7A-n78(3700-3800)A	30	100	650000	1@271	CP_16QAM	16.75	18.57
DC_7A-n78(3700-3800)A	30	100	650000	273@0	CP_64QAM	16.96	18.78
DC_7A-n78(3700-3800)A	30	100	650000	137@68	CP_64QAM	16.76	18.58

DC_7A-n78(3700-3800)A	30	100	650000	1@1	CP_64QAM	16.82	18.64
DC_7A-n78(3700-3800)A	30	100	650000	1@271	CP_64QAM	16.85	18.67
DC_7A-n78(3700-3800)A	30	100	650000	273@0	CP_256QAM	14.19	16.01
DC_7A-n78(3700-3800)A	30	100	650000	137@68	CP_256QAM	14.12	15.94
DC_7A-n78(3700-3800)A	30	100	650000	1@1	CP_256QAM	13.79	15.61
DC_7A-n78(3700-3800)A	30	100	650000	1@271	CP_256QAM	13.91	15.73

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)
DC_12A-n78(3700-3800)A	30	20	647334	50@0	DFT_BPSK	17.18	19.00
DC_12A-n78(3700-3800)A	30	20	647334	25@12	DFT_BPSK	17.04	18.86
DC_12A-n78(3700-3800)A	30	20	647334	1@1	DFT_BPSK	17.07	18.89
DC_12A-n78(3700-3800)A	30	20	647334	1@49	DFT_BPSK	17.20	19.02
DC_12A-n78(3700-3800)A	30	20	647334	50@0	DFT_QPSK	17.16	18.98
DC_12A-n78(3700-3800)A	30	20	647334	25@12	DFT_QPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	20	647334	1@1	DFT_QPSK	17.07	18.89
DC_12A-n78(3700-3800)A	30	20	647334	1@49	DFT_QPSK	17.18	19.00
DC_12A-n78(3700-3800)A	30	20	647334	50@0	DFT_16QAM	17.19	19.01
DC_12A-n78(3700-3800)A	30	20	647334	25@12	DFT_16QAM	16.91	18.73
DC_12A-n78(3700-3800)A	30	20	647334	1@1	DFT_16QAM	17.20	19.02
DC_12A-n78(3700-3800)A	30	20	647334	1@49	DFT_16QAM	17.21	19.03
DC_12A-n78(3700-3800)A	30	20	647334	50@0	DFT_64QAM	17.09	18.91
DC_12A-n78(3700-3800)A	30	20	647334	25@12	DFT_64QAM	17.10	18.92
DC_12A-n78(3700-3800)A	30	20	647334	1@1	DFT_64QAM	17.00	18.82
DC_12A-n78(3700-3800)A	30	20	647334	1@49	DFT_64QAM	17.10	18.92
DC_12A-n78(3700-3800)A	30	20	647334	50@0	DFT_256QAM	16.50	18.32

DC_12A-n78(3700-3800)A	30	20	647334	25@12	DFT_256QAM	16.57	18.39
DC_12A-n78(3700-3800)A	30	20	647334	1@1	DFT_256QAM	16.28	18.10
DC_12A-n78(3700-3800)A	30	20	647334	1@49	DFT_256QAM	16.47	18.29
DC_12A-n78(3700-3800)A	30	20	647334	51@0	CP_QPSK	17.07	18.89
DC_12A-n78(3700-3800)A	30	20	647334	25@12	CP_QPSK	17.10	18.92
DC_12A-n78(3700-3800)A	30	20	647334	1@1	CP_QPSK	17.02	18.84
DC_12A-n78(3700-3800)A	30	20	647334	1@49	CP_QPSK	17.38	19.20
DC_12A-n78(3700-3800)A	30	20	647334	51@0	CP_16QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	20	647334	25@12	CP_16QAM	17.01	18.83
DC_12A-n78(3700-3800)A	30	20	647334	1@1	CP_16QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	20	647334	1@49	CP_16QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	20	647334	51@0	CP_64QAM	17.19	19.01
DC_12A-n78(3700-3800)A	30	20	647334	25@12	CP_64QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	20	647334	1@1	CP_64QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	20	647334	1@49	CP_64QAM	17.18	19.00
DC_12A-n78(3700-3800)A	30	20	647334	51@0	CP_256QAM	14.27	16.09
DC_12A-n78(3700-3800)A	30	20	647334	25@12	CP_256QAM	14.13	15.95
DC_12A-n78(3700-3800)A	30	20	647334	1@1	CP_256QAM	14.13	15.95
DC_12A-n78(3700-3800)A	30	20	647334	1@49	CP_256QAM	14.09	15.91
DC_12A-n78(3700-3800)A	30	20	650000	50@0	DFT_BPSK	17.19	19.01
DC_12A-n78(3700-3800)A	30	20	650000	25@12	DFT_BPSK	17.10	18.92
DC_12A-n78(3700-3800)A	30	20	650000	1@1	DFT_BPSK	17.34	19.16

DC_12A-n78(3700-3800)A	30	20	650000	1@49	DFT_BPSK	17.09	18.91
DC_12A-n78(3700-3800)A	30	20	650000	50@0	DFT_QPSK	17.09	18.91
DC_12A-n78(3700-3800)A	30	20	650000	25@12	DFT_QPSK	17.19	19.01
DC_12A-n78(3700-3800)A	30	20	650000	1@1	DFT_QPSK	17.32	19.14
DC_12A-n78(3700-3800)A	30	20	650000	1@49	DFT_QPSK	17.16	18.98
DC_12A-n78(3700-3800)A	30	20	650000	50@0	DFT_16QAM	17.29	19.11
DC_12A-n78(3700-3800)A	30	20	650000	25@12	DFT_16QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	20	650000	1@1	DFT_16QAM	17.48	19.30
DC_12A-n78(3700-3800)A	30	20	650000	1@49	DFT_16QAM	17.20	19.02
DC_12A-n78(3700-3800)A	30	20	650000	50@0	DFT_64QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	20	650000	25@12	DFT_64QAM	17.13	18.95
DC_12A-n78(3700-3800)A	30	20	650000	1@1	DFT_64QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	20	650000	1@49	DFT_64QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	20	650000	50@0	DFT_256QAM	16.71	18.53
DC_12A-n78(3700-3800)A	30	20	650000	25@12	DFT_256QAM	16.62	18.44
DC_12A-n78(3700-3800)A	30	20	650000	1@1	DFT_256QAM	16.55	18.37
DC_12A-n78(3700-3800)A	30	20	650000	1@49	DFT_256QAM	16.32	18.14
DC_12A-n78(3700-3800)A	30	20	650000	51@0	CP_QPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	20	650000	25@12	CP_QPSK	17.07	18.89
DC_12A-n78(3700-3800)A	30	20	650000	1@1	CP_QPSK	17.45	19.27
DC_12A-n78(3700-3800)A	30	20	650000	1@49	CP_QPSK	17.05	18.87
DC_12A-n78(3700-3800)A	30	20	650000	51@0	CP_16QAM	17.14	18.96

DC_12A-n78(3700-3800)A	30	20	650000	25@12	CP_16QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	20	650000	1@1	CP_16QAM	17.37	19.19
DC_12A-n78(3700-3800)A	30	20	650000	1@49	CP_16QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	20	650000	51@0	CP_64QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	20	650000	25@12	CP_64QAM	17.03	18.85
DC_12A-n78(3700-3800)A	30	20	650000	1@1	CP_64QAM	17.47	19.29
DC_12A-n78(3700-3800)A	30	20	650000	1@49	CP_64QAM	17.11	18.93
DC_12A-n78(3700-3800)A	30	20	650000	51@0	CP_256QAM	14.43	16.25
DC_12A-n78(3700-3800)A	30	20	650000	25@12	CP_256QAM	14.32	16.14
DC_12A-n78(3700-3800)A	30	20	650000	1@1	CP_256QAM	14.11	15.93
DC_12A-n78(3700-3800)A	30	20	650000	1@49	CP_256QAM	14.04	15.86
DC_12A-n78(3700-3800)A	30	20	652666	50@0	DFT_BPSK	17.11	18.93
DC_12A-n78(3700-3800)A	30	20	652666	25@12	DFT_BPSK	17.12	18.94
DC_12A-n78(3700-3800)A	30	20	652666	1@1	DFT_BPSK	17.30	19.12
DC_12A-n78(3700-3800)A	30	20	652666	1@49	DFT_BPSK	17.05	18.87
DC_12A-n78(3700-3800)A	30	20	652666	50@0	DFT_QPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	20	652666	25@12	DFT_QPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	20	652666	1@1	DFT_QPSK	17.19	19.01
DC_12A-n78(3700-3800)A	30	20	652666	1@49	DFT_QPSK	17.09	18.91
DC_12A-n78(3700-3800)A	30	20	652666	50@0	DFT_16QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	20	652666	25@12	DFT_16QAM	17.16	18.98
DC_12A-n78(3700-3800)A	30	20	652666	1@1	DFT_16QAM	17.25	19.07

DC_12A-n78(3700-3800)A	30	20	652666	1@49	DFT_16QAM	17.13	18.95
DC_12A-n78(3700-3800)A	30	20	652666	50@0	DFT_64QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	20	652666	25@12	DFT_64QAM	17.00	18.82
DC_12A-n78(3700-3800)A	30	20	652666	1@1	DFT_64QAM	17.00	18.82
DC_12A-n78(3700-3800)A	30	20	652666	1@49	DFT_64QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	20	652666	50@0	DFT_256QAM	16.54	18.36
DC_12A-n78(3700-3800)A	30	20	652666	25@12	DFT_256QAM	16.75	18.57
DC_12A-n78(3700-3800)A	30	20	652666	1@1	DFT_256QAM	16.43	18.25
DC_12A-n78(3700-3800)A	30	20	652666	1@49	DFT_256QAM	16.28	18.10
DC_12A-n78(3700-3800)A	30	20	652666	51@0	CP_QPSK	17.03	18.85
DC_12A-n78(3700-3800)A	30	20	652666	25@12	CP_QPSK	17.10	18.92
DC_12A-n78(3700-3800)A	30	20	652666	1@1	CP_QPSK	17.29	19.11
DC_12A-n78(3700-3800)A	30	20	652666	1@49	CP_QPSK	17.02	18.84
DC_12A-n78(3700-3800)A	30	20	652666	51@0	CP_16QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	20	652666	25@12	CP_16QAM	17.28	19.10
DC_12A-n78(3700-3800)A	30	20	652666	1@1	CP_16QAM	17.19	19.01
DC_12A-n78(3700-3800)A	30	20	652666	1@49	CP_16QAM	17.09	18.91
DC_12A-n78(3700-3800)A	30	20	652666	51@0	CP_64QAM	17.12	18.94
DC_12A-n78(3700-3800)A	30	20	652666	25@12	CP_64QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	20	652666	1@1	CP_64QAM	17.18	19.00
DC_12A-n78(3700-3800)A	30	20	652666	1@49	CP_64QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	20	652666	51@0	CP_256QAM	14.34	16.16

DC_12A-n78(3700-3800)A	30	20	652666	25@12	CP_256QAM	14.42	16.24
DC_12A-n78(3700-3800)A	30	20	652666	1@1	CP_256QAM	14.22	16.04
DC_12A-n78(3700-3800)A	30	20	652666	1@49	CP_256QAM	14.07	15.89
DC_12A-n78(3700-3800)A	30	30	647668	75@0	DFT_BPSK	17.25	19.07
DC_12A-n78(3700-3800)A	30	30	647668	36@18	DFT_BPSK	17.18	19.00
DC_12A-n78(3700-3800)A	30	30	647668	1@1	DFT_BPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	30	647668	1@76	DFT_BPSK	17.18	19.00
DC_12A-n78(3700-3800)A	30	30	647668	75@0	DFT_QPSK	17.12	18.94
DC_12A-n78(3700-3800)A	30	30	647668	36@18	DFT_QPSK	17.09	18.91
DC_12A-n78(3700-3800)A	30	30	647668	1@1	DFT_QPSK	17.07	18.89
DC_12A-n78(3700-3800)A	30	30	647668	1@76	DFT_QPSK	17.26	19.08
DC_12A-n78(3700-3800)A	30	30	647668	75@0	DFT_16QAM	17.01	18.83
DC_12A-n78(3700-3800)A	30	30	647668	36@18	DFT_16QAM	17.25	19.07
DC_12A-n78(3700-3800)A	30	30	647668	1@1	DFT_16QAM	17.13	18.95
DC_12A-n78(3700-3800)A	30	30	647668	1@76	DFT_16QAM	17.30	19.12
DC_12A-n78(3700-3800)A	30	30	647668	75@0	DFT_64QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	30	647668	36@18	DFT_64QAM	17.13	18.95
DC_12A-n78(3700-3800)A	30	30	647668	1@1	DFT_64QAM	16.85	18.67
DC_12A-n78(3700-3800)A	30	30	647668	1@76	DFT_64QAM	17.01	18.83
DC_12A-n78(3700-3800)A	30	30	647668	75@0	DFT_256QAM	16.68	18.50
DC_12A-n78(3700-3800)A	30	30	647668	36@18	DFT_256QAM	16.64	18.46
DC_12A-n78(3700-3800)A	30	30	647668	1@1	DFT_256QAM	16.25	18.07

DC_12A-n78(3700-3800)A	30	30	647668	1@76	DFT_256QAM	16.36	18.18
DC_12A-n78(3700-3800)A	30	30	647668	78@0	CP_QPSK	17.21	19.03
DC_12A-n78(3700-3800)A	30	30	647668	39@19	CP_QPSK	17.23	19.05
DC_12A-n78(3700-3800)A	30	30	647668	1@1	CP_QPSK	17.10	18.92
DC_12A-n78(3700-3800)A	30	30	647668	1@76	CP_QPSK	17.16	18.98
DC_12A-n78(3700-3800)A	30	30	647668	78@0	CP_16QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	30	647668	39@19	CP_16QAM	17.16	18.98
DC_12A-n78(3700-3800)A	30	30	647668	1@1	CP_16QAM	17.16	18.98
DC_12A-n78(3700-3800)A	30	30	647668	1@76	CP_16QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	30	647668	78@0	CP_64QAM	17.18	19.00
DC_12A-n78(3700-3800)A	30	30	647668	39@19	CP_64QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	30	647668	1@1	CP_64QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	30	647668	1@76	CP_64QAM	17.30	19.12
DC_12A-n78(3700-3800)A	30	30	647668	78@0	CP_256QAM	14.20	16.02
DC_12A-n78(3700-3800)A	30	30	647668	39@19	CP_256QAM	14.22	16.04
DC_12A-n78(3700-3800)A	30	30	647668	1@1	CP_256QAM	14.13	15.95
DC_12A-n78(3700-3800)A	30	30	647668	1@76	CP_256QAM	14.29	16.11
DC_12A-n78(3700-3800)A	30	30	650000	75@0	DFT_BPSK	17.16	18.98
DC_12A-n78(3700-3800)A	30	30	650000	36@18	DFT_BPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	30	650000	1@1	DFT_BPSK	17.36	19.18
DC_12A-n78(3700-3800)A	30	30	650000	1@76	DFT_BPSK	17.10	18.92
DC_12A-n78(3700-3800)A	30	30	650000	75@0	DFT_QPSK	17.12	18.94

DC_12A-n78(3700-3800)A	30	30	650000	36@18	DFT_QPSK	17.18	19.00
DC_12A-n78(3700-3800)A	30	30	650000	1@1	DFT_QPSK	17.30	19.12
DC_12A-n78(3700-3800)A	30	30	650000	1@76	DFT_QPSK	17.12	18.94
DC_12A-n78(3700-3800)A	30	30	650000	75@0	DFT_16QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	30	650000	36@18	DFT_16QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	30	650000	1@1	DFT_16QAM	17.48	19.30
DC_12A-n78(3700-3800)A	30	30	650000	1@76	DFT_16QAM	17.30	19.12
DC_12A-n78(3700-3800)A	30	30	650000	75@0	DFT_64QAM	17.10	18.92
DC_12A-n78(3700-3800)A	30	30	650000	36@18	DFT_64QAM	17.18	19.00
DC_12A-n78(3700-3800)A	30	30	650000	1@1	DFT_64QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	30	650000	1@76	DFT_64QAM	16.87	18.69
DC_12A-n78(3700-3800)A	30	30	650000	75@0	DFT_256QAM	16.54	18.36
DC_12A-n78(3700-3800)A	30	30	650000	36@18	DFT_256QAM	16.63	18.45
DC_12A-n78(3700-3800)A	30	30	650000	1@1	DFT_256QAM	16.50	18.32
DC_12A-n78(3700-3800)A	30	30	650000	1@76	DFT_256QAM	16.47	18.29
DC_12A-n78(3700-3800)A	30	30	650000	78@0	CP_QPSK	17.19	19.01
DC_12A-n78(3700-3800)A	30	30	650000	39@19	CP_QPSK	17.22	19.04
DC_12A-n78(3700-3800)A	30	30	650000	1@1	CP_QPSK	17.25	19.07
DC_12A-n78(3700-3800)A	30	30	650000	1@76	CP_QPSK	17.20	19.02
DC_12A-n78(3700-3800)A	30	30	650000	78@0	CP_16QAM	17.13	18.95
DC_12A-n78(3700-3800)A	30	30	650000	39@19	CP_16QAM	17.13	18.95
DC_12A-n78(3700-3800)A	30	30	650000	1@1	CP_16QAM	17.42	19.24

DC_12A-n78(3700-3800)A	30	30	650000	1@76	CP_16QAM	17.10	18.92
DC_12A-n78(3700-3800)A	30	30	650000	78@0	CP_64QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	30	650000	39@19	CP_64QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	30	650000	1@1	CP_64QAM	17.43	19.25
DC_12A-n78(3700-3800)A	30	30	650000	1@76	CP_64QAM	17.22	19.04
DC_12A-n78(3700-3800)A	30	30	650000	78@0	CP_256QAM	14.32	16.14
DC_12A-n78(3700-3800)A	30	30	650000	39@19	CP_256QAM	14.31	16.13
DC_12A-n78(3700-3800)A	30	30	650000	1@1	CP_256QAM	14.36	16.18
DC_12A-n78(3700-3800)A	30	30	650000	1@76	CP_256QAM	14.27	16.09
DC_12A-n78(3700-3800)A	30	30	652332	75@0	DFT_BPSK	17.17	18.99
DC_12A-n78(3700-3800)A	30	30	652332	36@18	DFT_BPSK	17.05	18.87
DC_12A-n78(3700-3800)A	30	30	652332	1@1	DFT_BPSK	17.23	19.05
DC_12A-n78(3700-3800)A	30	30	652332	1@76	DFT_BPSK	17.00	18.82
DC_12A-n78(3700-3800)A	30	30	652332	75@0	DFT_QPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	30	652332	36@18	DFT_QPSK	17.13	18.95
DC_12A-n78(3700-3800)A	30	30	652332	1@1	DFT_QPSK	17.23	19.05
DC_12A-n78(3700-3800)A	30	30	652332	1@76	DFT_QPSK	17.03	18.85
DC_12A-n78(3700-3800)A	30	30	652332	75@0	DFT_16QAM	17.12	18.94
DC_12A-n78(3700-3800)A	30	30	652332	36@18	DFT_16QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	30	652332	1@1	DFT_16QAM	17.32	19.14
DC_12A-n78(3700-3800)A	30	30	652332	1@76	DFT_16QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	30	652332	75@0	DFT_64QAM	17.19	19.01

DC_12A-n78(3700-3800)A	30	30	652332	36@18	DFT_64QAM	17.22	19.04
DC_12A-n78(3700-3800)A	30	30	652332	1@1	DFT_64QAM	17.03	18.85
DC_12A-n78(3700-3800)A	30	30	652332	1@76	DFT_64QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	30	652332	75@0	DFT_256QAM	16.71	18.53
DC_12A-n78(3700-3800)A	30	30	652332	36@18	DFT_256QAM	16.68	18.50
DC_12A-n78(3700-3800)A	30	30	652332	1@1	DFT_256QAM	16.45	18.27
DC_12A-n78(3700-3800)A	30	30	652332	1@76	DFT_256QAM	16.30	18.12
DC_12A-n78(3700-3800)A	30	30	652332	78@0	CP_QPSK	17.04	18.86
DC_12A-n78(3700-3800)A	30	30	652332	39@19	CP_QPSK	17.03	18.85
DC_12A-n78(3700-3800)A	30	30	652332	1@1	CP_QPSK	17.27	19.09
DC_12A-n78(3700-3800)A	30	30	652332	1@76	CP_QPSK	17.05	18.87
DC_12A-n78(3700-3800)A	30	30	652332	78@0	CP_16QAM	17.10	18.92
DC_12A-n78(3700-3800)A	30	30	652332	39@19	CP_16QAM	17.03	18.85
DC_12A-n78(3700-3800)A	30	30	652332	1@1	CP_16QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	30	652332	1@76	CP_16QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	30	652332	78@0	CP_64QAM	16.96	18.78
DC_12A-n78(3700-3800)A	30	30	652332	39@19	CP_64QAM	17.19	19.01
DC_12A-n78(3700-3800)A	30	30	652332	1@1	CP_64QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	30	652332	1@76	CP_64QAM	16.95	18.77
DC_12A-n78(3700-3800)A	30	30	652332	78@0	CP_256QAM	14.30	16.12
DC_12A-n78(3700-3800)A	30	30	652332	39@19	CP_256QAM	14.30	16.12
DC_12A-n78(3700-3800)A	30	30	652332	1@1	CP_256QAM	14.17	15.99

DC_12A-n78(3700-3800)A	30	30	652332	1@76	CP_256QAM	13.95	15.77
DC_12A-n78(3700-3800)A	30	40	648000	100@0	DFT_BPSK	17.51	19.33
DC_12A-n78(3700-3800)A	30	40	648000	50@25	DFT_BPSK	17.55	19.37
DC_12A-n78(3700-3800)A	30	40	648000	1@1	DFT_BPSK	17.28	19.10
DC_12A-n78(3700-3800)A	30	40	648000	1@104	DFT_BPSK	17.32	19.14
DC_12A-n78(3700-3800)A	30	40	648000	100@0	DFT_QPSK	17.55	19.37
DC_12A-n78(3700-3800)A	30	40	648000	50@25	DFT_QPSK	17.42	19.24
DC_12A-n78(3700-3800)A	30	40	648000	1@1	DFT_QPSK	17.29	19.11
DC_12A-n78(3700-3800)A	30	40	648000	1@104	DFT_QPSK	17.32	19.14
DC_12A-n78(3700-3800)A	30	40	648000	100@0	DFT_16QAM	17.29	19.11
DC_12A-n78(3700-3800)A	30	40	648000	50@25	DFT_16QAM	17.39	19.21
DC_12A-n78(3700-3800)A	30	40	648000	1@1	DFT_16QAM	17.45	19.27
DC_12A-n78(3700-3800)A	30	40	648000	1@104	DFT_16QAM	17.54	19.36
DC_12A-n78(3700-3800)A	30	40	648000	100@0	DFT_64QAM	17.45	19.27
DC_12A-n78(3700-3800)A	30	40	648000	50@25	DFT_64QAM	17.47	19.29
DC_12A-n78(3700-3800)A	30	40	648000	1@1	DFT_64QAM	17.30	19.12
DC_12A-n78(3700-3800)A	30	40	648000	1@104	DFT_64QAM	17.20	19.02
DC_12A-n78(3700-3800)A	30	40	648000	100@0	DFT_256QAM	16.87	18.69
DC_12A-n78(3700-3800)A	30	40	648000	50@25	DFT_256QAM	16.79	18.61
DC_12A-n78(3700-3800)A	30	40	648000	1@1	DFT_256QAM	16.53	18.35
DC_12A-n78(3700-3800)A	30	40	648000	1@104	DFT_256QAM	16.52	18.34
DC_12A-n78(3700-3800)A	30	40	648000	106@0	CP_QPSK	17.41	19.23

DC_12A-n78(3700-3800)A	30	40	648000	53@26	CP_QPSK	17.39	19.21
DC_12A-n78(3700-3800)A	30	40	648000	1@1	CP_QPSK	17.39	19.21
DC_12A-n78(3700-3800)A	30	40	648000	1@104	CP_QPSK	17.35	19.17
DC_12A-n78(3700-3800)A	30	40	648000	106@0	CP_16QAM	17.26	19.08
DC_12A-n78(3700-3800)A	30	40	648000	53@26	CP_16QAM	17.21	19.03
DC_12A-n78(3700-3800)A	30	40	648000	1@1	CP_16QAM	17.41	19.23
DC_12A-n78(3700-3800)A	30	40	648000	1@104	CP_16QAM	17.39	19.21
DC_12A-n78(3700-3800)A	30	40	648000	106@0	CP_64QAM	17.39	19.21
DC_12A-n78(3700-3800)A	30	40	648000	53@26	CP_64QAM	17.35	19.17
DC_12A-n78(3700-3800)A	30	40	648000	1@1	CP_64QAM	17.52	19.34
DC_12A-n78(3700-3800)A	30	40	648000	1@104	CP_64QAM	17.52	19.34
DC_12A-n78(3700-3800)A	30	40	648000	106@0	CP_256QAM	14.52	16.34
DC_12A-n78(3700-3800)A	30	40	648000	53@26	CP_256QAM	14.61	16.43
DC_12A-n78(3700-3800)A	30	40	648000	1@1	CP_256QAM	14.46	16.28
DC_12A-n78(3700-3800)A	30	40	648000	1@104	CP_256QAM	14.29	16.11
DC_12A-n78(3700-3800)A	30	40	650000	100@0	DFT_BPSK	17.16	18.98
DC_12A-n78(3700-3800)A	30	40	650000	50@25	DFT_BPSK	17.11	18.93
DC_12A-n78(3700-3800)A	30	40	650000	1@1	DFT_BPSK	17.43	19.25
DC_12A-n78(3700-3800)A	30	40	650000	1@104	DFT_BPSK	17.17	18.99
DC_12A-n78(3700-3800)A	30	40	650000	100@0	DFT_QPSK	17.23	19.05
DC_12A-n78(3700-3800)A	30	40	650000	50@25	DFT_QPSK	17.11	18.93
DC_12A-n78(3700-3800)A	30	40	650000	1@1	DFT_QPSK	17.57	19.39

DC_12A-n78(3700-3800)A	30	40	650000	1@104	DFT_QPSK	17.29	19.11
DC_12A-n78(3700-3800)A	30	40	650000	100@0	DFT_16QAM	17.27	19.09
DC_12A-n78(3700-3800)A	30	40	650000	50@25	DFT_16QAM	17.19	19.01
DC_12A-n78(3700-3800)A	30	40	650000	1@1	DFT_16QAM	17.60	19.42
DC_12A-n78(3700-3800)A	30	40	650000	1@104	DFT_16QAM	17.44	19.26
DC_12A-n78(3700-3800)A	30	40	650000	100@0	DFT_64QAM	17.27	19.09
DC_12A-n78(3700-3800)A	30	40	650000	50@25	DFT_64QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	40	650000	1@1	DFT_64QAM	17.34	19.16
DC_12A-n78(3700-3800)A	30	40	650000	1@104	DFT_64QAM	17.03	18.85
DC_12A-n78(3700-3800)A	30	40	650000	100@0	DFT_256QAM	16.57	18.39
DC_12A-n78(3700-3800)A	30	40	650000	50@25	DFT_256QAM	16.69	18.51
DC_12A-n78(3700-3800)A	30	40	650000	1@1	DFT_256QAM	16.73	18.55
DC_12A-n78(3700-3800)A	30	40	650000	1@104	DFT_256QAM	16.55	18.37
DC_12A-n78(3700-3800)A	30	40	650000	106@0	CP_QPSK	17.03	18.85
DC_12A-n78(3700-3800)A	30	40	650000	53@26	CP_QPSK	17.10	18.92
DC_12A-n78(3700-3800)A	30	40	650000	1@1	CP_QPSK	17.53	19.35
DC_12A-n78(3700-3800)A	30	40	650000	1@104	CP_QPSK	17.30	19.12
DC_12A-n78(3700-3800)A	30	40	650000	106@0	CP_16QAM	17.19	19.01
DC_12A-n78(3700-3800)A	30	40	650000	53@26	CP_16QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	40	650000	1@1	CP_16QAM	17.48	19.30
DC_12A-n78(3700-3800)A	30	40	650000	1@104	CP_16QAM	17.30	19.12
DC_12A-n78(3700-3800)A	30	40	650000	106@0	CP_64QAM	17.21	19.03

DC_12A-n78(3700-3800)A	30	40	650000	53@26	CP_64QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	40	650000	1@1	CP_64QAM	17.45	19.27
DC_12A-n78(3700-3800)A	30	40	650000	1@104	CP_64QAM	17.25	19.07
DC_12A-n78(3700-3800)A	30	40	650000	106@0	CP_256QAM	14.34	16.16
DC_12A-n78(3700-3800)A	30	40	650000	53@26	CP_256QAM	14.43	16.25
DC_12A-n78(3700-3800)A	30	40	650000	1@1	CP_256QAM	14.45	16.27
DC_12A-n78(3700-3800)A	30	40	650000	1@104	CP_256QAM	14.11	15.93
DC_12A-n78(3700-3800)A	30	40	652000	100@0	DFT_BPSK	16.95	18.77
DC_12A-n78(3700-3800)A	30	40	652000	50@25	DFT_BPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	40	652000	1@1	DFT_BPSK	17.09	18.91
DC_12A-n78(3700-3800)A	30	40	652000	1@104	DFT_BPSK	16.91	18.73
DC_12A-n78(3700-3800)A	30	40	652000	100@0	DFT_QPSK	17.02	18.84
DC_12A-n78(3700-3800)A	30	40	652000	50@25	DFT_QPSK	16.98	18.80
DC_12A-n78(3700-3800)A	30	40	652000	1@1	DFT_QPSK	17.23	19.05
DC_12A-n78(3700-3800)A	30	40	652000	1@104	DFT_QPSK	16.98	18.80
DC_12A-n78(3700-3800)A	30	40	652000	100@0	DFT_16QAM	17.01	18.83
DC_12A-n78(3700-3800)A	30	40	652000	50@25	DFT_16QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	40	652000	1@1	DFT_16QAM	17.28	19.10
DC_12A-n78(3700-3800)A	30	40	652000	1@104	DFT_16QAM	17.11	18.93
DC_12A-n78(3700-3800)A	30	40	652000	100@0	DFT_64QAM	16.95	18.77
DC_12A-n78(3700-3800)A	30	40	652000	50@25	DFT_64QAM	17.00	18.82
DC_12A-n78(3700-3800)A	30	40	652000	1@1	DFT_64QAM	16.98	18.80

DC_12A-n78(3700-3800)A	30	40	652000	1@104	DFT_64QAM	16.80	18.62
DC_12A-n78(3700-3800)A	30	40	652000	100@0	DFT_256QAM	16.32	18.14
DC_12A-n78(3700-3800)A	30	40	652000	50@25	DFT_256QAM	16.51	18.33
DC_12A-n78(3700-3800)A	30	40	652000	1@1	DFT_256QAM	16.34	18.16
DC_12A-n78(3700-3800)A	30	40	652000	1@104	DFT_256QAM	16.14	17.96
DC_12A-n78(3700-3800)A	30	40	652000	106@0	CP_QPSK	16.89	18.71
DC_12A-n78(3700-3800)A	30	40	652000	53@26	CP_QPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	40	652000	1@1	CP_QPSK	17.23	19.05
DC_12A-n78(3700-3800)A	30	40	652000	1@104	CP_QPSK	17.01	18.83
DC_12A-n78(3700-3800)A	30	40	652000	106@0	CP_16QAM	16.95	18.77
DC_12A-n78(3700-3800)A	30	40	652000	53@26	CP_16QAM	17.03	18.85
DC_12A-n78(3700-3800)A	30	40	652000	1@1	CP_16QAM	17.26	19.08
DC_12A-n78(3700-3800)A	30	40	652000	1@104	CP_16QAM	17.02	18.84
DC_12A-n78(3700-3800)A	30	40	652000	106@0	CP_64QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	40	652000	53@26	CP_64QAM	16.87	18.69
DC_12A-n78(3700-3800)A	30	40	652000	1@1	CP_64QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	40	652000	1@104	CP_64QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	40	652000	106@0	CP_256QAM	14.25	16.07
DC_12A-n78(3700-3800)A	30	40	652000	53@26	CP_256QAM	14.25	16.07
DC_12A-n78(3700-3800)A	30	40	652000	1@1	CP_256QAM	14.31	16.13
DC_12A-n78(3700-3800)A	30	40	652000	1@104	CP_256QAM	14.02	15.84
DC_12A-n78(3700-3800)A	30	50	648334	128@0	DFT_BPSK	17.10	18.92

DC_12A-n78(3700-3800)A	30	50	648334	64@32	DFT_BPSK	17.23	19.05
DC_12A-n78(3700-3800)A	30	50	648334	1@1	DFT_BPSK	17.01	18.83
DC_12A-n78(3700-3800)A	30	50	648334	1@131	DFT_BPSK	17.00	18.82
DC_12A-n78(3700-3800)A	30	50	648334	128@0	DFT_QPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	50	648334	64@32	DFT_QPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	50	648334	1@1	DFT_QPSK	16.98	18.80
DC_12A-n78(3700-3800)A	30	50	648334	1@131	DFT_QPSK	17.02	18.84
DC_12A-n78(3700-3800)A	30	50	648334	128@0	DFT_16QAM	17.12	18.94
DC_12A-n78(3700-3800)A	30	50	648334	64@32	DFT_16QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	50	648334	1@1	DFT_16QAM	17.02	18.84
DC_12A-n78(3700-3800)A	30	50	648334	1@131	DFT_16QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	50	648334	128@0	DFT_64QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	50	648334	64@32	DFT_64QAM	17.12	18.94
DC_12A-n78(3700-3800)A	30	50	648334	1@1	DFT_64QAM	16.73	18.55
DC_12A-n78(3700-3800)A	30	50	648334	1@131	DFT_64QAM	16.84	18.66
DC_12A-n78(3700-3800)A	30	50	648334	128@0	DFT_256QAM	16.64	18.46
DC_12A-n78(3700-3800)A	30	50	648334	64@32	DFT_256QAM	16.52	18.34
DC_12A-n78(3700-3800)A	30	50	648334	1@1	DFT_256QAM	16.30	18.12
DC_12A-n78(3700-3800)A	30	50	648334	1@131	DFT_256QAM	16.13	17.95
DC_12A-n78(3700-3800)A	30	50	648334	133@0	CP_QPSK	17.05	18.87
DC_12A-n78(3700-3800)A	30	50	648334	67@33	CP_QPSK	17.11	18.93
DC_12A-n78(3700-3800)A	30	50	648334	1@1	CP_QPSK	16.95	18.77

DC_12A-n78(3700-3800)A	30	50	648334	1@131	CP_QPSK	16.89	18.71
DC_12A-n78(3700-3800)A	30	50	648334	133@0	CP_16QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	50	648334	67@33	CP_16QAM	17.12	18.94
DC_12A-n78(3700-3800)A	30	50	648334	1@1	CP_16QAM	17.03	18.85
DC_12A-n78(3700-3800)A	30	50	648334	1@131	CP_16QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	50	648334	133@0	CP_64QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	50	648334	67@33	CP_64QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	50	648334	1@1	CP_64QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	50	648334	1@131	CP_64QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	50	648334	133@0	CP_256QAM	14.10	15.92
DC_12A-n78(3700-3800)A	30	50	648334	67@33	CP_256QAM	14.29	16.11
DC_12A-n78(3700-3800)A	30	50	648334	1@1	CP_256QAM	13.93	15.75
DC_12A-n78(3700-3800)A	30	50	648334	1@131	CP_256QAM	13.86	15.68
DC_12A-n78(3700-3800)A	30	50	650000	128@0	DFT_BPSK	17.03	18.85
DC_12A-n78(3700-3800)A	30	50	650000	64@32	DFT_BPSK	17.03	18.85
DC_12A-n78(3700-3800)A	30	50	650000	1@1	DFT_BPSK	17.13	18.95
DC_12A-n78(3700-3800)A	30	50	650000	1@131	DFT_BPSK	16.87	18.69
DC_12A-n78(3700-3800)A	30	50	650000	128@0	DFT_QPSK	17.00	18.82
DC_12A-n78(3700-3800)A	30	50	650000	64@32	DFT_QPSK	17.01	18.83
DC_12A-n78(3700-3800)A	30	50	650000	1@1	DFT_QPSK	17.20	19.02
DC_12A-n78(3700-3800)A	30	50	650000	1@131	DFT_QPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	50	650000	128@0	DFT_16QAM	17.02	18.84

DC_12A-n78(3700-3800)A	30	50	650000	64@32	DFT_16QAM	17.10	18.92
DC_12A-n78(3700-3800)A	30	50	650000	1@1	DFT_16QAM	17.20	19.02
DC_12A-n78(3700-3800)A	30	50	650000	1@131	DFT_16QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	50	650000	128@0	DFT_64QAM	16.93	18.75
DC_12A-n78(3700-3800)A	30	50	650000	64@32	DFT_64QAM	17.18	19.00
DC_12A-n78(3700-3800)A	30	50	650000	1@1	DFT_64QAM	16.96	18.78
DC_12A-n78(3700-3800)A	30	50	650000	1@131	DFT_64QAM	16.63	18.45
DC_12A-n78(3700-3800)A	30	50	650000	128@0	DFT_256QAM	16.39	18.21
DC_12A-n78(3700-3800)A	30	50	650000	64@32	DFT_256QAM	16.54	18.36
DC_12A-n78(3700-3800)A	30	50	650000	1@1	DFT_256QAM	16.21	18.03
DC_12A-n78(3700-3800)A	30	50	650000	1@131	DFT_256QAM	16.10	17.92
DC_12A-n78(3700-3800)A	30	50	650000	133@0	CP_QPSK	16.95	18.77
DC_12A-n78(3700-3800)A	30	50	650000	67@33	CP_QPSK	17.01	18.83
DC_12A-n78(3700-3800)A	30	50	650000	1@1	CP_QPSK	17.11	18.93
DC_12A-n78(3700-3800)A	30	50	650000	1@131	CP_QPSK	16.75	18.57
DC_12A-n78(3700-3800)A	30	50	650000	133@0	CP_16QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	50	650000	67@33	CP_16QAM	16.94	18.76
DC_12A-n78(3700-3800)A	30	50	650000	1@1	CP_16QAM	17.01	18.83
DC_12A-n78(3700-3800)A	30	50	650000	1@131	CP_16QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	50	650000	133@0	CP_64QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	50	650000	67@33	CP_64QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	50	650000	1@1	CP_64QAM	17.23	19.05

DC_12A-n78(3700-3800)A	30	50	650000	1@131	CP_64QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	50	650000	133@0	CP_256QAM	14.02	15.84
DC_12A-n78(3700-3800)A	30	50	650000	67@33	CP_256QAM	14.15	15.97
DC_12A-n78(3700-3800)A	30	50	650000	1@1	CP_256QAM	14.00	15.82
DC_12A-n78(3700-3800)A	30	50	650000	1@131	CP_256QAM	13.69	15.51
DC_12A-n78(3700-3800)A	30	50	651666	128@0	DFT_BPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	50	651666	64@32	DFT_BPSK	16.91	18.73
DC_12A-n78(3700-3800)A	30	50	651666	1@1	DFT_BPSK	16.94	18.76
DC_12A-n78(3700-3800)A	30	50	651666	1@131	DFT_BPSK	16.68	18.50
DC_12A-n78(3700-3800)A	30	50	651666	128@0	DFT_QPSK	16.87	18.69
DC_12A-n78(3700-3800)A	30	50	651666	64@32	DFT_QPSK	16.97	18.79
DC_12A-n78(3700-3800)A	30	50	651666	1@1	DFT_QPSK	17.05	18.87
DC_12A-n78(3700-3800)A	30	50	651666	1@131	DFT_QPSK	16.63	18.45
DC_12A-n78(3700-3800)A	30	50	651666	128@0	DFT_16QAM	17.00	18.82
DC_12A-n78(3700-3800)A	30	50	651666	64@32	DFT_16QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	50	651666	1@1	DFT_16QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	50	651666	1@131	DFT_16QAM	16.76	18.58
DC_12A-n78(3700-3800)A	30	50	651666	128@0	DFT_64QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	50	651666	64@32	DFT_64QAM	16.78	18.60
DC_12A-n78(3700-3800)A	30	50	651666	1@1	DFT_64QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	50	651666	1@131	DFT_64QAM	16.51	18.33
DC_12A-n78(3700-3800)A	30	50	651666	128@0	DFT_256QAM	16.39	18.21

DC_12A-n78(3700-3800)A	30	50	651666	64@32	DFT_256QAM	16.51	18.33
DC_12A-n78(3700-3800)A	30	50	651666	1@1	DFT_256QAM	16.07	17.89
DC_12A-n78(3700-3800)A	30	50	651666	1@131	DFT_256QAM	15.81	17.63
DC_12A-n78(3700-3800)A	30	50	651666	133@0	CP_QPSK	16.97	18.79
DC_12A-n78(3700-3800)A	30	50	651666	67@33	CP_QPSK	16.94	18.76
DC_12A-n78(3700-3800)A	30	50	651666	1@1	CP_QPSK	16.97	18.79
DC_12A-n78(3700-3800)A	30	50	651666	1@131	CP_QPSK	16.71	18.53
DC_12A-n78(3700-3800)A	30	50	651666	133@0	CP_16QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	50	651666	67@33	CP_16QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	50	651666	1@1	CP_16QAM	17.04	18.86
DC_12A-n78(3700-3800)A	30	50	651666	1@131	CP_16QAM	16.80	18.62
DC_12A-n78(3700-3800)A	30	50	651666	133@0	CP_64QAM	16.94	18.76
DC_12A-n78(3700-3800)A	30	50	651666	67@33	CP_64QAM	16.94	18.76
DC_12A-n78(3700-3800)A	30	50	651666	1@1	CP_64QAM	17.13	18.95
DC_12A-n78(3700-3800)A	30	50	651666	1@131	CP_64QAM	16.76	18.58
DC_12A-n78(3700-3800)A	30	50	651666	133@0	CP_256QAM	14.12	15.94
DC_12A-n78(3700-3800)A	30	50	651666	67@33	CP_256QAM	14.10	15.92
DC_12A-n78(3700-3800)A	30	50	651666	1@1	CP_256QAM	13.95	15.77
DC_12A-n78(3700-3800)A	30	50	651666	1@131	CP_256QAM	13.56	15.38
DC_12A-n78(3700-3800)A	30	60	648668	162@0	DFT_BPSK	16.98	18.80
DC_12A-n78(3700-3800)A	30	60	648668	81@40	DFT_BPSK	16.97	18.79
DC_12A-n78(3700-3800)A	30	60	648668	1@1	DFT_BPSK	16.85	18.67

DC_12A-n78(3700-3800)A	30	60	648668	1@160	DFT_BPSK	16.79	18.61
DC_12A-n78(3700-3800)A	30	60	648668	162@0	DFT_QPSK	16.97	18.79
DC_12A-n78(3700-3800)A	30	60	648668	81@40	DFT_QPSK	17.01	18.83
DC_12A-n78(3700-3800)A	30	60	648668	1@1	DFT_QPSK	16.79	18.61
DC_12A-n78(3700-3800)A	30	60	648668	1@160	DFT_QPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	60	648668	162@0	DFT_16QAM	16.79	18.61
DC_12A-n78(3700-3800)A	30	60	648668	81@40	DFT_16QAM	16.95	18.77
DC_12A-n78(3700-3800)A	30	60	648668	1@1	DFT_16QAM	16.95	18.77
DC_12A-n78(3700-3800)A	30	60	648668	1@160	DFT_16QAM	17.03	18.85
DC_12A-n78(3700-3800)A	30	60	648668	162@0	DFT_64QAM	16.96	18.78
DC_12A-n78(3700-3800)A	30	60	648668	81@40	DFT_64QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	60	648668	1@1	DFT_64QAM	16.73	18.55
DC_12A-n78(3700-3800)A	30	60	648668	1@160	DFT_64QAM	16.68	18.50
DC_12A-n78(3700-3800)A	30	60	648668	162@0	DFT_256QAM	16.53	18.35
DC_12A-n78(3700-3800)A	30	60	648668	81@40	DFT_256QAM	16.41	18.23
DC_12A-n78(3700-3800)A	30	60	648668	1@1	DFT_256QAM	15.99	17.81
DC_12A-n78(3700-3800)A	30	60	648668	1@160	DFT_256QAM	15.96	17.78
DC_12A-n78(3700-3800)A	30	60	648668	162@0	CP_QPSK	16.96	18.78
DC_12A-n78(3700-3800)A	30	60	648668	81@40	CP_QPSK	17.02	18.84
DC_12A-n78(3700-3800)A	30	60	648668	1@1	CP_QPSK	16.73	18.55
DC_12A-n78(3700-3800)A	30	60	648668	1@160	CP_QPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	60	648668	162@0	CP_16QAM	17.03	18.85

DC_12A-n78(3700-3800)A	30	60	648668	81@40	CP_16QAM	17.04	18.86
DC_12A-n78(3700-3800)A	30	60	648668	1@1	CP_16QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	60	648668	1@160	CP_16QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	60	648668	162@0	CP_64QAM	16.96	18.78
DC_12A-n78(3700-3800)A	30	60	648668	81@40	CP_64QAM	17.02	18.84
DC_12A-n78(3700-3800)A	30	60	648668	1@1	CP_64QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	60	648668	1@160	CP_64QAM	16.73	18.55
DC_12A-n78(3700-3800)A	30	60	648668	162@0	CP_256QAM	14.09	15.91
DC_12A-n78(3700-3800)A	30	60	648668	81@40	CP_256QAM	14.20	16.02
DC_12A-n78(3700-3800)A	30	60	648668	1@1	CP_256QAM	13.86	15.68
DC_12A-n78(3700-3800)A	30	60	648668	1@160	CP_256QAM	13.78	15.60
DC_12A-n78(3700-3800)A	30	60	650000	162@0	DFT_BPSK	16.94	18.76
DC_12A-n78(3700-3800)A	30	60	650000	81@40	DFT_BPSK	16.95	18.77
DC_12A-n78(3700-3800)A	30	60	650000	1@1	DFT_BPSK	17.10	18.92
DC_12A-n78(3700-3800)A	30	60	650000	1@160	DFT_BPSK	16.88	18.70
DC_12A-n78(3700-3800)A	30	60	650000	162@0	DFT_QPSK	17.05	18.87
DC_12A-n78(3700-3800)A	30	60	650000	81@40	DFT_QPSK	17.02	18.84
DC_12A-n78(3700-3800)A	30	60	650000	1@1	DFT_QPSK	17.20	19.02
DC_12A-n78(3700-3800)A	30	60	650000	1@160	DFT_QPSK	16.82	18.64
DC_12A-n78(3700-3800)A	30	60	650000	162@0	DFT_16QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	60	650000	81@40	DFT_16QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	60	650000	1@1	DFT_16QAM	17.29	19.11

DC_12A-n78(3700-3800)A	30	60	650000	1@160	DFT_16QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	60	650000	162@0	DFT_64QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	60	650000	81@40	DFT_64QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	60	650000	1@1	DFT_64QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	60	650000	1@160	DFT_64QAM	16.70	18.52
DC_12A-n78(3700-3800)A	30	60	650000	162@0	DFT_256QAM	16.57	18.39
DC_12A-n78(3700-3800)A	30	60	650000	81@40	DFT_256QAM	16.48	18.30
DC_12A-n78(3700-3800)A	30	60	650000	1@1	DFT_256QAM	16.27	18.09
DC_12A-n78(3700-3800)A	30	60	650000	1@160	DFT_256QAM	16.14	17.96
DC_12A-n78(3700-3800)A	30	60	650000	162@0	CP_QPSK	17.05	18.87
DC_12A-n78(3700-3800)A	30	60	650000	81@40	CP_QPSK	17.01	18.83
DC_12A-n78(3700-3800)A	30	60	650000	1@1	CP_QPSK	17.22	19.04
DC_12A-n78(3700-3800)A	30	60	650000	1@160	CP_QPSK	16.95	18.77
DC_12A-n78(3700-3800)A	30	60	650000	162@0	CP_16QAM	17.02	18.84
DC_12A-n78(3700-3800)A	30	60	650000	81@40	CP_16QAM	17.02	18.84
DC_12A-n78(3700-3800)A	30	60	650000	1@1	CP_16QAM	17.14	18.96
DC_12A-n78(3700-3800)A	30	60	650000	1@160	CP_16QAM	17.03	18.85
DC_12A-n78(3700-3800)A	30	60	650000	162@0	CP_64QAM	17.04	18.86
DC_12A-n78(3700-3800)A	30	60	650000	81@40	CP_64QAM	17.11	18.93
DC_12A-n78(3700-3800)A	30	60	650000	1@1	CP_64QAM	17.17	18.99
DC_12A-n78(3700-3800)A	30	60	650000	1@160	CP_64QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	60	650000	162@0	CP_256QAM	14.26	16.08

DC_12A-n78(3700-3800)A	30	60	650000	81@40	CP_256QAM	14.17	15.99
DC_12A-n78(3700-3800)A	30	60	650000	1@1	CP_256QAM	14.16	15.98
DC_12A-n78(3700-3800)A	30	60	650000	1@160	CP_256QAM	13.79	15.61
DC_12A-n78(3700-3800)A	30	60	651332	162@0	DFT_BPSK	16.88	18.70
DC_12A-n78(3700-3800)A	30	60	651332	81@40	DFT_BPSK	16.98	18.80
DC_12A-n78(3700-3800)A	30	60	651332	1@1	DFT_BPSK	16.98	18.80
DC_12A-n78(3700-3800)A	30	60	651332	1@160	DFT_BPSK	16.88	18.70
DC_12A-n78(3700-3800)A	30	60	651332	162@0	DFT_QPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	60	651332	81@40	DFT_QPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	60	651332	1@1	DFT_QPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	60	651332	1@160	DFT_QPSK	16.87	18.69
DC_12A-n78(3700-3800)A	30	60	651332	162@0	DFT_16QAM	16.85	18.67
DC_12A-n78(3700-3800)A	30	60	651332	81@40	DFT_16QAM	16.93	18.75
DC_12A-n78(3700-3800)A	30	60	651332	1@1	DFT_16QAM	17.25	19.07
DC_12A-n78(3700-3800)A	30	60	651332	1@160	DFT_16QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	60	651332	162@0	DFT_64QAM	16.91	18.73
DC_12A-n78(3700-3800)A	30	60	651332	81@40	DFT_64QAM	16.93	18.75
DC_12A-n78(3700-3800)A	30	60	651332	1@1	DFT_64QAM	16.80	18.62
DC_12A-n78(3700-3800)A	30	60	651332	1@160	DFT_64QAM	16.76	18.58
DC_12A-n78(3700-3800)A	30	60	651332	162@0	DFT_256QAM	16.43	18.25
DC_12A-n78(3700-3800)A	30	60	651332	81@40	DFT_256QAM	16.48	18.30
DC_12A-n78(3700-3800)A	30	60	651332	1@1	DFT_256QAM	16.25	18.07

DC_12A-n78(3700-3800)A	30	60	651332	1@160	DFT_256QAM	16.09	17.91
DC_12A-n78(3700-3800)A	30	60	651332	162@0	CP_QPSK	16.94	18.76
DC_12A-n78(3700-3800)A	30	60	651332	81@40	CP_QPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	60	651332	1@1	CP_QPSK	17.07	18.89
DC_12A-n78(3700-3800)A	30	60	651332	1@160	CP_QPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	60	651332	162@0	CP_16QAM	17.01	18.83
DC_12A-n78(3700-3800)A	30	60	651332	81@40	CP_16QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	60	651332	1@1	CP_16QAM	17.25	19.07
DC_12A-n78(3700-3800)A	30	60	651332	1@160	CP_16QAM	17.02	18.84
DC_12A-n78(3700-3800)A	30	60	651332	162@0	CP_64QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	60	651332	81@40	CP_64QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	60	651332	1@1	CP_64QAM	17.03	18.85
DC_12A-n78(3700-3800)A	30	60	651332	1@160	CP_64QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	60	651332	162@0	CP_256QAM	14.13	15.95
DC_12A-n78(3700-3800)A	30	60	651332	81@40	CP_256QAM	14.09	15.91
DC_12A-n78(3700-3800)A	30	60	651332	1@1	CP_256QAM	13.99	15.81
DC_12A-n78(3700-3800)A	30	60	651332	1@160	CP_256QAM	13.80	15.62
DC_12A-n78(3700-3800)A	30	70	649000	180@0	DFT_BPSK	16.62	18.44
DC_12A-n78(3700-3800)A	30	70	649000	90@45	DFT_BPSK	16.59	18.41
DC_12A-n78(3700-3800)A	30	70	649000	1@1	DFT_BPSK	16.63	18.45
DC_12A-n78(3700-3800)A	30	70	649000	1@187	DFT_BPSK	16.48	18.30
DC_12A-n78(3700-3800)A	30	70	649000	180@0	DFT_QPSK	16.53	18.35

DC_12A-n78(3700-3800)A	30	70	649000	90@45	DFT_QPSK	16.68	18.50
DC_12A-n78(3700-3800)A	30	70	649000	1@1	DFT_QPSK	16.61	18.43
DC_12A-n78(3700-3800)A	30	70	649000	1@187	DFT_QPSK	16.46	18.28
DC_12A-n78(3700-3800)A	30	70	649000	180@0	DFT_16QAM	16.55	18.37
DC_12A-n78(3700-3800)A	30	70	649000	90@45	DFT_16QAM	16.69	18.51
DC_12A-n78(3700-3800)A	30	70	649000	1@1	DFT_16QAM	16.64	18.46
DC_12A-n78(3700-3800)A	30	70	649000	1@187	DFT_16QAM	16.71	18.53
DC_12A-n78(3700-3800)A	30	70	649000	180@0	DFT_64QAM	16.53	18.35
DC_12A-n78(3700-3800)A	30	70	649000	90@45	DFT_64QAM	16.72	18.54
DC_12A-n78(3700-3800)A	30	70	649000	1@1	DFT_64QAM	16.48	18.30
DC_12A-n78(3700-3800)A	30	70	649000	1@187	DFT_64QAM	16.44	18.26
DC_12A-n78(3700-3800)A	30	70	649000	180@0	DFT_256QAM	16.12	17.94
DC_12A-n78(3700-3800)A	30	70	649000	90@45	DFT_256QAM	16.12	17.94
DC_12A-n78(3700-3800)A	30	70	649000	1@1	DFT_256QAM	15.77	17.59
DC_12A-n78(3700-3800)A	30	70	649000	1@187	DFT_256QAM	15.63	17.45
DC_12A-n78(3700-3800)A	30	70	649000	189@0	CP_QPSK	16.64	18.46
DC_12A-n78(3700-3800)A	30	70	649000	95@47	CP_QPSK	16.66	18.48
DC_12A-n78(3700-3800)A	30	70	649000	1@1	CP_QPSK	16.57	18.39
DC_12A-n78(3700-3800)A	30	70	649000	1@187	CP_QPSK	16.67	18.49
DC_12A-n78(3700-3800)A	30	70	649000	189@0	CP_16QAM	16.67	18.49
DC_12A-n78(3700-3800)A	30	70	649000	95@47	CP_16QAM	16.62	18.44
DC_12A-n78(3700-3800)A	30	70	649000	1@1	CP_16QAM	16.57	18.39

DC_12A-n78(3700-3800)A	30	70	649000	1@187	CP_16QAM	16.57	18.39
DC_12A-n78(3700-3800)A	30	70	649000	189@0	CP_64QAM	16.77	18.59
DC_12A-n78(3700-3800)A	30	70	649000	95@47	CP_64QAM	16.78	18.60
DC_12A-n78(3700-3800)A	30	70	649000	1@1	CP_64QAM	16.61	18.43
DC_12A-n78(3700-3800)A	30	70	649000	1@187	CP_64QAM	16.48	18.30
DC_12A-n78(3700-3800)A	30	70	649000	189@0	CP_256QAM	13.77	15.59
DC_12A-n78(3700-3800)A	30	70	649000	95@47	CP_256QAM	13.78	15.60
DC_12A-n78(3700-3800)A	30	70	649000	1@1	CP_256QAM	13.63	15.45
DC_12A-n78(3700-3800)A	30	70	649000	1@187	CP_256QAM	13.45	15.27
DC_12A-n78(3700-3800)A	30	70	650000	180@0	DFT_BPSK	16.88	18.70
DC_12A-n78(3700-3800)A	30	70	650000	90@45	DFT_BPSK	16.88	18.70
DC_12A-n78(3700-3800)A	30	70	650000	1@1	DFT_BPSK	17.12	18.94
DC_12A-n78(3700-3800)A	30	70	650000	1@187	DFT_BPSK	16.63	18.45
DC_12A-n78(3700-3800)A	30	70	650000	180@0	DFT_QPSK	16.94	18.76
DC_12A-n78(3700-3800)A	30	70	650000	90@45	DFT_QPSK	16.89	18.71
DC_12A-n78(3700-3800)A	30	70	650000	1@1	DFT_QPSK	17.10	18.92
DC_12A-n78(3700-3800)A	30	70	650000	1@187	DFT_QPSK	16.47	18.29
DC_12A-n78(3700-3800)A	30	70	650000	180@0	DFT_16QAM	16.91	18.73
DC_12A-n78(3700-3800)A	30	70	650000	90@45	DFT_16QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	70	650000	1@1	DFT_16QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	70	650000	1@187	DFT_16QAM	16.80	18.62
DC_12A-n78(3700-3800)A	30	70	650000	180@0	DFT_64QAM	16.84	18.66

DC_12A-n78(3700-3800)A	30	70	650000	90@45	DFT_64QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	70	650000	1@1	DFT_64QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	70	650000	1@187	DFT_64QAM	16.51	18.33
DC_12A-n78(3700-3800)A	30	70	650000	180@0	DFT_256QAM	16.35	18.17
DC_12A-n78(3700-3800)A	30	70	650000	90@45	DFT_256QAM	16.38	18.20
DC_12A-n78(3700-3800)A	30	70	650000	1@1	DFT_256QAM	16.39	18.21
DC_12A-n78(3700-3800)A	30	70	650000	1@187	DFT_256QAM	15.72	17.54
DC_12A-n78(3700-3800)A	30	70	650000	189@0	CP_QPSK	16.92	18.74
DC_12A-n78(3700-3800)A	30	70	650000	95@47	CP_QPSK	16.92	18.74
DC_12A-n78(3700-3800)A	30	70	650000	1@1	CP_QPSK	17.03	18.85
DC_12A-n78(3700-3800)A	30	70	650000	1@187	CP_QPSK	16.64	18.46
DC_12A-n78(3700-3800)A	30	70	650000	189@0	CP_16QAM	16.95	18.77
DC_12A-n78(3700-3800)A	30	70	650000	95@47	CP_16QAM	16.84	18.66
DC_12A-n78(3700-3800)A	30	70	650000	1@1	CP_16QAM	17.12	18.94
DC_12A-n78(3700-3800)A	30	70	650000	1@187	CP_16QAM	16.69	18.51
DC_12A-n78(3700-3800)A	30	70	650000	189@0	CP_64QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	70	650000	95@47	CP_64QAM	16.94	18.76
DC_12A-n78(3700-3800)A	30	70	650000	1@1	CP_64QAM	17.01	18.83
DC_12A-n78(3700-3800)A	30	70	650000	1@187	CP_64QAM	16.79	18.61
DC_12A-n78(3700-3800)A	30	70	650000	189@0	CP_256QAM	14.07	15.89
DC_12A-n78(3700-3800)A	30	70	650000	95@47	CP_256QAM	14.06	15.88
DC_12A-n78(3700-3800)A	30	70	650000	1@1	CP_256QAM	14.12	15.94

DC_12A-n78(3700-3800)A	30	70	650000	1@187	CP_256QAM	13.69	15.51
DC_12A-n78(3700-3800)A	30	70	651000	180@0	DFT_BPSK	16.79	18.61
DC_12A-n78(3700-3800)A	30	70	651000	90@45	DFT_BPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	70	651000	1@1	DFT_BPSK	16.88	18.70
DC_12A-n78(3700-3800)A	30	70	651000	1@187	DFT_BPSK	16.78	18.60
DC_12A-n78(3700-3800)A	30	70	651000	180@0	DFT_QPSK	16.80	18.62
DC_12A-n78(3700-3800)A	30	70	651000	90@45	DFT_QPSK	16.88	18.70
DC_12A-n78(3700-3800)A	30	70	651000	1@1	DFT_QPSK	16.95	18.77
DC_12A-n78(3700-3800)A	30	70	651000	1@187	DFT_QPSK	16.68	18.50
DC_12A-n78(3700-3800)A	30	70	651000	180@0	DFT_16QAM	16.87	18.69
DC_12A-n78(3700-3800)A	30	70	651000	90@45	DFT_16QAM	16.61	18.43
DC_12A-n78(3700-3800)A	30	70	651000	1@1	DFT_16QAM	17.05	18.87
DC_12A-n78(3700-3800)A	30	70	651000	1@187	DFT_16QAM	16.80	18.62
DC_12A-n78(3700-3800)A	30	70	651000	180@0	DFT_64QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	70	651000	90@45	DFT_64QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	70	651000	1@1	DFT_64QAM	16.77	18.59
DC_12A-n78(3700-3800)A	30	70	651000	1@187	DFT_64QAM	16.69	18.51
DC_12A-n78(3700-3800)A	30	70	651000	180@0	DFT_256QAM	16.34	18.16
DC_12A-n78(3700-3800)A	30	70	651000	90@45	DFT_256QAM	16.19	18.01
DC_12A-n78(3700-3800)A	30	70	651000	1@1	DFT_256QAM	16.19	18.01
DC_12A-n78(3700-3800)A	30	70	651000	1@187	DFT_256QAM	16.00	17.82
DC_12A-n78(3700-3800)A	30	70	651000	189@0	CP_QPSK	16.67	18.49

DC_12A-n78(3700-3800)A	30	70	651000	95@47	CP_QPSK	16.75	18.57
DC_12A-n78(3700-3800)A	30	70	651000	1@1	CP_QPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	70	651000	1@187	CP_QPSK	16.73	18.55
DC_12A-n78(3700-3800)A	30	70	651000	189@0	CP_16QAM	16.71	18.53
DC_12A-n78(3700-3800)A	30	70	651000	95@47	CP_16QAM	16.78	18.60
DC_12A-n78(3700-3800)A	30	70	651000	1@1	CP_16QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	70	651000	1@187	CP_16QAM	16.78	18.60
DC_12A-n78(3700-3800)A	30	70	651000	189@0	CP_64QAM	16.80	18.62
DC_12A-n78(3700-3800)A	30	70	651000	95@47	CP_64QAM	16.73	18.55
DC_12A-n78(3700-3800)A	30	70	651000	1@1	CP_64QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	70	651000	1@187	CP_64QAM	16.69	18.51
DC_12A-n78(3700-3800)A	30	70	651000	189@0	CP_256QAM	14.06	15.88
DC_12A-n78(3700-3800)A	30	70	651000	95@47	CP_256QAM	14.06	15.88
DC_12A-n78(3700-3800)A	30	70	651000	1@1	CP_256QAM	13.82	15.64
DC_12A-n78(3700-3800)A	30	70	651000	1@187	CP_256QAM	13.69	15.51
DC_12A-n78(3700-3800)A	30	80	649334	216@0	DFT_BPSK	16.82	18.64
DC_12A-n78(3700-3800)A	30	80	649334	108@54	DFT_BPSK	16.80	18.62
DC_12A-n78(3700-3800)A	30	80	649334	1@1	DFT_BPSK	16.67	18.49
DC_12A-n78(3700-3800)A	30	80	649334	1@215	DFT_BPSK	16.63	18.45
DC_12A-n78(3700-3800)A	30	80	649334	216@0	DFT_QPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	80	649334	108@54	DFT_QPSK	16.89	18.71
DC_12A-n78(3700-3800)A	30	80	649334	1@1	DFT_QPSK	16.70	18.52

DC_12A-n78(3700-3800)A	30	80	649334	1@215	DFT_QPSK	16.57	18.39
DC_12A-n78(3700-3800)A	30	80	649334	216@0	DFT_16QAM	16.77	18.59
DC_12A-n78(3700-3800)A	30	80	649334	108@54	DFT_16QAM	16.87	18.69
DC_12A-n78(3700-3800)A	30	80	649334	1@1	DFT_16QAM	16.85	18.67
DC_12A-n78(3700-3800)A	30	80	649334	1@215	DFT_16QAM	16.66	18.48
DC_12A-n78(3700-3800)A	30	80	649334	216@0	DFT_64QAM	16.85	18.67
DC_12A-n78(3700-3800)A	30	80	649334	108@54	DFT_64QAM	16.76	18.58
DC_12A-n78(3700-3800)A	30	80	649334	1@1	DFT_64QAM	16.64	18.46
DC_12A-n78(3700-3800)A	30	80	649334	1@215	DFT_64QAM	16.55	18.37
DC_12A-n78(3700-3800)A	30	80	649334	216@0	DFT_256QAM	16.17	17.99
DC_12A-n78(3700-3800)A	30	80	649334	108@54	DFT_256QAM	16.20	18.02
DC_12A-n78(3700-3800)A	30	80	649334	1@1	DFT_256QAM	16.10	17.92
DC_12A-n78(3700-3800)A	30	80	649334	1@215	DFT_256QAM	16.18	18.00
DC_12A-n78(3700-3800)A	30	80	649334	217@0	CP_QPSK	16.67	18.49
DC_12A-n78(3700-3800)A	30	80	649334	109@54	CP_QPSK	16.89	18.71
DC_12A-n78(3700-3800)A	30	80	649334	1@1	CP_QPSK	16.86	18.68
DC_12A-n78(3700-3800)A	30	80	649334	1@215	CP_QPSK	16.69	18.51
DC_12A-n78(3700-3800)A	30	80	649334	217@0	CP_16QAM	16.69	18.51
DC_12A-n78(3700-3800)A	30	80	649334	109@54	CP_16QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	80	649334	1@1	CP_16QAM	16.72	18.54
DC_12A-n78(3700-3800)A	30	80	649334	1@215	CP_16QAM	16.73	18.55
DC_12A-n78(3700-3800)A	30	80	649334	217@0	CP_64QAM	16.84	18.66

DC_12A-n78(3700-3800)A	30	80	649334	109@54	CP_64QAM	16.84	18.66
DC_12A-n78(3700-3800)A	30	80	649334	1@1	CP_64QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	80	649334	1@215	CP_64QAM	16.76	18.58
DC_12A-n78(3700-3800)A	30	80	649334	217@0	CP_256QAM	13.90	15.72
DC_12A-n78(3700-3800)A	30	80	649334	109@54	CP_256QAM	13.86	15.68
DC_12A-n78(3700-3800)A	30	80	649334	1@1	CP_256QAM	13.85	15.67
DC_12A-n78(3700-3800)A	30	80	649334	1@215	CP_256QAM	13.62	15.44
DC_12A-n78(3700-3800)A	30	80	650000	216@0	DFT_BPSK	16.80	18.62
DC_12A-n78(3700-3800)A	30	80	650000	108@54	DFT_BPSK	16.98	18.80
DC_12A-n78(3700-3800)A	30	80	650000	1@1	DFT_BPSK	17.01	18.83
DC_12A-n78(3700-3800)A	30	80	650000	1@215	DFT_BPSK	16.66	18.48
DC_12A-n78(3700-3800)A	30	80	650000	216@0	DFT_QPSK	16.80	18.62
DC_12A-n78(3700-3800)A	30	80	650000	108@54	DFT_QPSK	16.95	18.77
DC_12A-n78(3700-3800)A	30	80	650000	1@1	DFT_QPSK	17.05	18.87
DC_12A-n78(3700-3800)A	30	80	650000	1@215	DFT_QPSK	16.64	18.46
DC_12A-n78(3700-3800)A	30	80	650000	216@0	DFT_16QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	80	650000	108@54	DFT_16QAM	16.93	18.75
DC_12A-n78(3700-3800)A	30	80	650000	1@1	DFT_16QAM	17.12	18.94
DC_12A-n78(3700-3800)A	30	80	650000	1@215	DFT_16QAM	16.73	18.55
DC_12A-n78(3700-3800)A	30	80	650000	216@0	DFT_64QAM	16.94	18.76
DC_12A-n78(3700-3800)A	30	80	650000	108@54	DFT_64QAM	16.84	18.66
DC_12A-n78(3700-3800)A	30	80	650000	1@1	DFT_64QAM	16.78	18.60

DC_12A-n78(3700-3800)A	30	80	650000	1@215	DFT_64QAM	16.54	18.36
DC_12A-n78(3700-3800)A	30	80	650000	216@0	DFT_256QAM	16.39	18.21
DC_12A-n78(3700-3800)A	30	80	650000	108@54	DFT_256QAM	16.36	18.18
DC_12A-n78(3700-3800)A	30	80	650000	1@1	DFT_256QAM	16.18	18.00
DC_12A-n78(3700-3800)A	30	80	650000	1@215	DFT_256QAM	15.79	17.61
DC_12A-n78(3700-3800)A	30	80	650000	217@0	CP_QPSK	16.77	18.59
DC_12A-n78(3700-3800)A	30	80	650000	109@54	CP_QPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	80	650000	1@1	CP_QPSK	17.07	18.89
DC_12A-n78(3700-3800)A	30	80	650000	1@215	CP_QPSK	16.68	18.50
DC_12A-n78(3700-3800)A	30	80	650000	217@0	CP_16QAM	16.86	18.68
DC_12A-n78(3700-3800)A	30	80	650000	109@54	CP_16QAM	16.96	18.78
DC_12A-n78(3700-3800)A	30	80	650000	1@1	CP_16QAM	17.02	18.84
DC_12A-n78(3700-3800)A	30	80	650000	1@215	CP_16QAM	16.54	18.36
DC_12A-n78(3700-3800)A	30	80	650000	217@0	CP_64QAM	16.96	18.78
DC_12A-n78(3700-3800)A	30	80	650000	109@54	CP_64QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	80	650000	1@1	CP_64QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	80	650000	1@215	CP_64QAM	16.60	18.42
DC_12A-n78(3700-3800)A	30	80	650000	217@0	CP_256QAM	14.12	15.94
DC_12A-n78(3700-3800)A	30	80	650000	109@54	CP_256QAM	14.13	15.95
DC_12A-n78(3700-3800)A	30	80	650000	1@1	CP_256QAM	13.95	15.77
DC_12A-n78(3700-3800)A	30	80	650000	1@215	CP_256QAM	13.58	15.40
DC_12A-n78(3700-3800)A	30	80	650666	216@0	DFT_BPSK	16.97	18.79

DC_12A-n78(3700-3800)A	30	80	650666	108@54	DFT_BPSK	16.91	18.73
DC_12A-n78(3700-3800)A	30	80	650666	1@1	DFT_BPSK	17.16	18.98
DC_12A-n78(3700-3800)A	30	80	650666	1@215	DFT_BPSK	16.77	18.59
DC_12A-n78(3700-3800)A	30	80	650666	216@0	DFT_QPSK	16.82	18.64
DC_12A-n78(3700-3800)A	30	80	650666	108@54	DFT_QPSK	16.86	18.68
DC_12A-n78(3700-3800)A	30	80	650666	1@1	DFT_QPSK	17.16	18.98
DC_12A-n78(3700-3800)A	30	80	650666	1@215	DFT_QPSK	16.73	18.55
DC_12A-n78(3700-3800)A	30	80	650666	216@0	DFT_16QAM	16.91	18.73
DC_12A-n78(3700-3800)A	30	80	650666	108@54	DFT_16QAM	16.87	18.69
DC_12A-n78(3700-3800)A	30	80	650666	1@1	DFT_16QAM	17.30	19.12
DC_12A-n78(3700-3800)A	30	80	650666	1@215	DFT_16QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	80	650666	216@0	DFT_64QAM	16.75	18.57
DC_12A-n78(3700-3800)A	30	80	650666	108@54	DFT_64QAM	16.91	18.73
DC_12A-n78(3700-3800)A	30	80	650666	1@1	DFT_64QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	80	650666	1@215	DFT_64QAM	16.45	18.27
DC_12A-n78(3700-3800)A	30	80	650666	216@0	DFT_256QAM	16.35	18.17
DC_12A-n78(3700-3800)A	30	80	650666	108@54	DFT_256QAM	16.35	18.17
DC_12A-n78(3700-3800)A	30	80	650666	1@1	DFT_256QAM	16.32	18.14
DC_12A-n78(3700-3800)A	30	80	650666	1@215	DFT_256QAM	15.99	17.81
DC_12A-n78(3700-3800)A	30	80	650666	217@0	CP_QPSK	16.73	18.55
DC_12A-n78(3700-3800)A	30	80	650666	109@54	CP_QPSK	16.86	18.68
DC_12A-n78(3700-3800)A	30	80	650666	1@1	CP_QPSK	17.14	18.96

DC_12A-n78(3700-3800)A	30	80	650666	1@215	CP_QPSK	16.73	18.55
DC_12A-n78(3700-3800)A	30	80	650666	217@0	CP_16QAM	16.94	18.76
DC_12A-n78(3700-3800)A	30	80	650666	109@54	CP_16QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	80	650666	1@1	CP_16QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	80	650666	1@215	CP_16QAM	16.79	18.61
DC_12A-n78(3700-3800)A	30	80	650666	217@0	CP_64QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	80	650666	109@54	CP_64QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	80	650666	1@1	CP_64QAM	17.29	19.11
DC_12A-n78(3700-3800)A	30	80	650666	1@215	CP_64QAM	16.73	18.55
DC_12A-n78(3700-3800)A	30	80	650666	217@0	CP_256QAM	14.04	15.86
DC_12A-n78(3700-3800)A	30	80	650666	109@54	CP_256QAM	14.07	15.89
DC_12A-n78(3700-3800)A	30	80	650666	1@1	CP_256QAM	14.08	15.90
DC_12A-n78(3700-3800)A	30	80	650666	1@215	CP_256QAM	13.74	15.56
DC_12A-n78(3700-3800)A	30	90	649668	240@0	DFT_BPSK	16.73	18.55
DC_12A-n78(3700-3800)A	30	90	649668	120@60	DFT_BPSK	16.89	18.71
DC_12A-n78(3700-3800)A	30	90	649668	1@1	DFT_BPSK	16.66	18.48
DC_12A-n78(3700-3800)A	30	90	649668	1@243	DFT_BPSK	16.82	18.64
DC_12A-n78(3700-3800)A	30	90	649668	240@0	DFT_QPSK	16.79	18.61
DC_12A-n78(3700-3800)A	30	90	649668	120@60	DFT_QPSK	16.87	18.69
DC_12A-n78(3700-3800)A	30	90	649668	1@1	DFT_QPSK	16.72	18.54
DC_12A-n78(3700-3800)A	30	90	649668	1@243	DFT_QPSK	16.80	18.62
DC_12A-n78(3700-3800)A	30	90	649668	240@0	DFT_16QAM	16.73	18.55

DC_12A-n78(3700-3800)A	30	90	649668	120@60	DFT_16QAM	16.93	18.75
DC_12A-n78(3700-3800)A	30	90	649668	1@1	DFT_16QAM	16.94	18.76
DC_12A-n78(3700-3800)A	30	90	649668	1@243	DFT_16QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	90	649668	240@0	DFT_64QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	90	649668	120@60	DFT_64QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	90	649668	1@1	DFT_64QAM	16.55	18.37
DC_12A-n78(3700-3800)A	30	90	649668	1@243	DFT_64QAM	16.64	18.46
DC_12A-n78(3700-3800)A	30	90	649668	240@0	DFT_256QAM	16.17	17.99
DC_12A-n78(3700-3800)A	30	90	649668	120@60	DFT_256QAM	16.22	18.04
DC_12A-n78(3700-3800)A	30	90	649668	1@1	DFT_256QAM	16.00	17.82
DC_12A-n78(3700-3800)A	30	90	649668	1@243	DFT_256QAM	16.07	17.89
DC_12A-n78(3700-3800)A	30	90	649668	245@0	CP_QPSK	16.82	18.64
DC_12A-n78(3700-3800)A	30	90	649668	123@61	CP_QPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	90	649668	1@1	CP_QPSK	16.80	18.62
DC_12A-n78(3700-3800)A	30	90	649668	1@243	CP_QPSK	16.88	18.70
DC_12A-n78(3700-3800)A	30	90	649668	245@0	CP_16QAM	16.85	18.67
DC_12A-n78(3700-3800)A	30	90	649668	123@61	CP_16QAM	16.75	18.57
DC_12A-n78(3700-3800)A	30	90	649668	1@1	CP_16QAM	16.93	18.75
DC_12A-n78(3700-3800)A	30	90	649668	1@243	CP_16QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	90	649668	245@0	CP_64QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	90	649668	123@61	CP_64QAM	16.96	18.78
DC_12A-n78(3700-3800)A	30	90	649668	1@1	CP_64QAM	16.82	18.64

DC_12A-n78(3700-3800)A	30	90	649668	1@243	CP_64QAM	16.85	18.67
DC_12A-n78(3700-3800)A	30	90	649668	245@0	CP_256QAM	14.00	15.82
DC_12A-n78(3700-3800)A	30	90	649668	123@61	CP_256QAM	14.04	15.86
DC_12A-n78(3700-3800)A	30	90	649668	1@1	CP_256QAM	13.64	15.46
DC_12A-n78(3700-3800)A	30	90	649668	1@243	CP_256QAM	13.86	15.68
DC_12A-n78(3700-3800)A	30	90	650000	240@0	DFT_BPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	90	650000	120@60	DFT_BPSK	16.97	18.79
DC_12A-n78(3700-3800)A	30	90	650000	1@1	DFT_BPSK	16.91	18.73
DC_12A-n78(3700-3800)A	30	90	650000	1@243	DFT_BPSK	16.66	18.48
DC_12A-n78(3700-3800)A	30	90	650000	240@0	DFT_QPSK	16.92	18.74
DC_12A-n78(3700-3800)A	30	90	650000	120@60	DFT_QPSK	16.87	18.69
DC_12A-n78(3700-3800)A	30	90	650000	1@1	DFT_QPSK	16.89	18.71
DC_12A-n78(3700-3800)A	30	90	650000	1@243	DFT_QPSK	16.70	18.52
DC_12A-n78(3700-3800)A	30	90	650000	240@0	DFT_16QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	90	650000	120@60	DFT_16QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	90	650000	1@1	DFT_16QAM	17.09	18.91
DC_12A-n78(3700-3800)A	30	90	650000	1@243	DFT_16QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	90	650000	240@0	DFT_64QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	90	650000	120@60	DFT_64QAM	16.80	18.62
DC_12A-n78(3700-3800)A	30	90	650000	1@1	DFT_64QAM	16.69	18.51
DC_12A-n78(3700-3800)A	30	90	650000	1@243	DFT_64QAM	16.50	18.32
DC_12A-n78(3700-3800)A	30	90	650000	240@0	DFT_256QAM	16.34	18.16

DC_12A-n78(3700-3800)A	30	90	650000	120@60	DFT_256QAM	16.36	18.18
DC_12A-n78(3700-3800)A	30	90	650000	1@1	DFT_256QAM	16.07	17.89
DC_12A-n78(3700-3800)A	30	90	650000	1@243	DFT_256QAM	16.02	17.84
DC_12A-n78(3700-3800)A	30	90	650000	245@0	CP_QPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	90	650000	123@61	CP_QPSK	16.89	18.71
DC_12A-n78(3700-3800)A	30	90	650000	1@1	CP_QPSK	16.91	18.73
DC_12A-n78(3700-3800)A	30	90	650000	1@243	CP_QPSK	16.67	18.49
DC_12A-n78(3700-3800)A	30	90	650000	245@0	CP_16QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	90	650000	123@61	CP_16QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	90	650000	1@1	CP_16QAM	16.93	18.75
DC_12A-n78(3700-3800)A	30	90	650000	1@243	CP_16QAM	16.68	18.50
DC_12A-n78(3700-3800)A	30	90	650000	245@0	CP_64QAM	16.91	18.73
DC_12A-n78(3700-3800)A	30	90	650000	123@61	CP_64QAM	16.86	18.68
DC_12A-n78(3700-3800)A	30	90	650000	1@1	CP_64QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	90	650000	1@243	CP_64QAM	16.80	18.62
DC_12A-n78(3700-3800)A	30	90	650000	245@0	CP_256QAM	14.00	15.82
DC_12A-n78(3700-3800)A	30	90	650000	123@61	CP_256QAM	14.20	16.02
DC_12A-n78(3700-3800)A	30	90	650000	1@1	CP_256QAM	13.98	15.80
DC_12A-n78(3700-3800)A	30	90	650000	1@243	CP_256QAM	13.61	15.43
DC_12A-n78(3700-3800)A	30	90	650332	240@0	DFT_BPSK	17.01	18.83
DC_12A-n78(3700-3800)A	30	90	650332	120@60	DFT_BPSK	17.14	18.96
DC_12A-n78(3700-3800)A	30	90	650332	1@1	DFT_BPSK	17.14	18.96

DC_12A-n78(3700-3800)A	30	90	650332	1@243	DFT_BPSK	16.63	18.45
DC_12A-n78(3700-3800)A	30	90	650332	240@0	DFT_QPSK	17.12	18.94
DC_12A-n78(3700-3800)A	30	90	650332	120@60	DFT_QPSK	17.09	18.91
DC_12A-n78(3700-3800)A	30	90	650332	1@1	DFT_QPSK	17.27	19.09
DC_12A-n78(3700-3800)A	30	90	650332	1@243	DFT_QPSK	16.62	18.44
DC_12A-n78(3700-3800)A	30	90	650332	240@0	DFT_16QAM	17.00	18.82
DC_12A-n78(3700-3800)A	30	90	650332	120@60	DFT_16QAM	16.97	18.79
DC_12A-n78(3700-3800)A	30	90	650332	1@1	DFT_16QAM	17.20	19.02
DC_12A-n78(3700-3800)A	30	90	650332	1@243	DFT_16QAM	16.70	18.52
DC_12A-n78(3700-3800)A	30	90	650332	240@0	DFT_64QAM	17.13	18.95
DC_12A-n78(3700-3800)A	30	90	650332	120@60	DFT_64QAM	17.00	18.82
DC_12A-n78(3700-3800)A	30	90	650332	1@1	DFT_64QAM	17.00	18.82
DC_12A-n78(3700-3800)A	30	90	650332	1@243	DFT_64QAM	16.48	18.30
DC_12A-n78(3700-3800)A	30	90	650332	240@0	DFT_256QAM	16.42	18.24
DC_12A-n78(3700-3800)A	30	90	650332	120@60	DFT_256QAM	16.48	18.30
DC_12A-n78(3700-3800)A	30	90	650332	1@1	DFT_256QAM	16.38	18.20
DC_12A-n78(3700-3800)A	30	90	650332	1@243	DFT_256QAM	15.81	17.63
DC_12A-n78(3700-3800)A	30	90	650332	245@0	CP_QPSK	16.96	18.78
DC_12A-n78(3700-3800)A	30	90	650332	123@61	CP_QPSK	17.04	18.86
DC_12A-n78(3700-3800)A	30	90	650332	1@1	CP_QPSK	17.21	19.03
DC_12A-n78(3700-3800)A	30	90	650332	1@243	CP_QPSK	16.79	18.61
DC_12A-n78(3700-3800)A	30	90	650332	245@0	CP_16QAM	16.96	18.78

DC_12A-n78(3700-3800)A	30	90	650332	123@61	CP_16QAM	17.10	18.92
DC_12A-n78(3700-3800)A	30	90	650332	1@1	CP_16QAM	17.23	19.05
DC_12A-n78(3700-3800)A	30	90	650332	1@243	CP_16QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	90	650332	245@0	CP_64QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	90	650332	123@61	CP_64QAM	17.04	18.86
DC_12A-n78(3700-3800)A	30	90	650332	1@1	CP_64QAM	17.07	18.89
DC_12A-n78(3700-3800)A	30	90	650332	1@243	CP_64QAM	16.77	18.59
DC_12A-n78(3700-3800)A	30	90	650332	245@0	CP_256QAM	14.14	15.96
DC_12A-n78(3700-3800)A	30	90	650332	123@61	CP_256QAM	13.98	15.80
DC_12A-n78(3700-3800)A	30	90	650332	1@1	CP_256QAM	14.07	15.89
DC_12A-n78(3700-3800)A	30	90	650332	1@243	CP_256QAM	13.70	15.52
DC_12A-n78(3700-3800)A	30	100	650000	270@0	DFT_BPSK	16.80	18.62
DC_12A-n78(3700-3800)A	30	100	650000	135@67	DFT_BPSK	16.82	18.64
DC_12A-n78(3700-3800)A	30	100	650000	1@1	DFT_BPSK	16.82	18.64
DC_12A-n78(3700-3800)A	30	100	650000	1@271	DFT_BPSK	16.71	18.53
DC_12A-n78(3700-3800)A	30	100	650000	270@0	DFT_QPSK	16.89	18.71
DC_12A-n78(3700-3800)A	30	100	650000	135@67	DFT_QPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	100	650000	1@1	DFT_QPSK	16.84	18.66
DC_12A-n78(3700-3800)A	30	100	650000	1@271	DFT_QPSK	16.70	18.52
DC_12A-n78(3700-3800)A	30	100	650000	270@0	DFT_16QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	100	650000	135@67	DFT_16QAM	16.88	18.70
DC_12A-n78(3700-3800)A	30	100	650000	1@1	DFT_16QAM	16.95	18.77

DC_12A-n78(3700-3800)A	30	100	650000	1@271	DFT_16QAM	16.85	18.67
DC_12A-n78(3700-3800)A	30	100	650000	270@0	DFT_64QAM	16.92	18.74
DC_12A-n78(3700-3800)A	30	100	650000	135@67	DFT_64QAM	16.84	18.66
DC_12A-n78(3700-3800)A	30	100	650000	1@1	DFT_64QAM	16.67	18.49
DC_12A-n78(3700-3800)A	30	100	650000	1@271	DFT_64QAM	16.54	18.36
DC_12A-n78(3700-3800)A	30	100	650000	270@0	DFT_256QAM	16.34	18.16
DC_12A-n78(3700-3800)A	30	100	650000	135@67	DFT_256QAM	16.45	18.27
DC_12A-n78(3700-3800)A	30	100	650000	1@1	DFT_256QAM	15.92	17.74
DC_12A-n78(3700-3800)A	30	100	650000	1@271	DFT_256QAM	15.75	17.57
DC_12A-n78(3700-3800)A	30	100	650000	273@0	CP_QPSK	16.93	18.75
DC_12A-n78(3700-3800)A	30	100	650000	137@68	CP_QPSK	16.95	18.77
DC_12A-n78(3700-3800)A	30	100	650000	1@1	CP_QPSK	16.94	18.76
DC_12A-n78(3700-3800)A	30	100	650000	1@271	CP_QPSK	16.85	18.67
DC_12A-n78(3700-3800)A	30	100	650000	273@0	CP_16QAM	16.79	18.61
DC_12A-n78(3700-3800)A	30	100	650000	137@68	CP_16QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	100	650000	1@1	CP_16QAM	16.91	18.73
DC_12A-n78(3700-3800)A	30	100	650000	1@271	CP_16QAM	16.82	18.64
DC_12A-n78(3700-3800)A	30	100	650000	273@0	CP_64QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	100	650000	137@68	CP_64QAM	16.98	18.80
DC_12A-n78(3700-3800)A	30	100	650000	1@1	CP_64QAM	16.89	18.71
DC_12A-n78(3700-3800)A	30	100	650000	1@271	CP_64QAM	16.75	18.57
DC_12A-n78(3700-3800)A	30	100	650000	273@0	CP_256QAM	14.18	16.00

DC_12A-n78(3700-3800)A	30	100	650000	137@68	CP_256QAM	14.09	15.91
DC_12A-n78(3700-3800)A	30	100	650000	1@1	CP_256QAM	13.77	15.59
DC_12A-n78(3700-3800)A	30	100	650000	1@271	CP_256QAM	13.74	15.56

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)
DC_13A-n78(3700-3800)A	30	20	647334	50@0	DFT_BPSK	17.21	19.03
DC_13A-n78(3700-3800)A	30	20	647334	25@12	DFT_BPSK	17.10	18.92
DC_13A-n78(3700-3800)A	30	20	647334	1@1	DFT_BPSK	17.10	18.92
DC_13A-n78(3700-3800)A	30	20	647334	1@49	DFT_BPSK	17.19	19.01
DC_13A-n78(3700-3800)A	30	20	647334	50@0	DFT_QPSK	17.13	18.95
DC_13A-n78(3700-3800)A	30	20	647334	25@12	DFT_QPSK	17.16	18.98
DC_13A-n78(3700-3800)A	30	20	647334	1@1	DFT_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	20	647334	1@49	DFT_QPSK	17.27	19.09
DC_13A-n78(3700-3800)A	30	20	647334	50@0	DFT_16QAM	17.18	19.00
DC_13A-n78(3700-3800)A	30	20	647334	25@12	DFT_16QAM	17.09	18.91
DC_13A-n78(3700-3800)A	30	20	647334	1@1	DFT_16QAM	17.16	18.98
DC_13A-n78(3700-3800)A	30	20	647334	1@49	DFT_16QAM	17.29	19.11
DC_13A-n78(3700-3800)A	30	20	647334	50@0	DFT_64QAM	17.23	19.05
DC_13A-n78(3700-3800)A	30	20	647334	25@12	DFT_64QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	20	647334	1@1	DFT_64QAM	16.87	18.69
DC_13A-n78(3700-3800)A	30	20	647334	1@49	DFT_64QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	20	647334	50@0	DFT_256QAM	16.57	18.39

DC_13A-n78(3700-3800)A	30	20	647334	25@12	DFT_256QAM	16.68	18.50
DC_13A-n78(3700-3800)A	30	20	647334	1@1	DFT_256QAM	16.36	18.18
DC_13A-n78(3700-3800)A	30	20	647334	1@49	DFT_256QAM	16.48	18.30
DC_13A-n78(3700-3800)A	30	20	647334	51@0	CP_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	20	647334	25@12	CP_QPSK	17.20	19.02
DC_13A-n78(3700-3800)A	30	20	647334	1@1	CP_QPSK	17.12	18.94
DC_13A-n78(3700-3800)A	30	20	647334	1@49	CP_QPSK	17.25	19.07
DC_13A-n78(3700-3800)A	30	20	647334	51@0	CP_16QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	20	647334	25@12	CP_16QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	20	647334	1@1	CP_16QAM	17.22	19.04
DC_13A-n78(3700-3800)A	30	20	647334	1@49	CP_16QAM	17.34	19.16
DC_13A-n78(3700-3800)A	30	20	647334	51@0	CP_64QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	20	647334	25@12	CP_64QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	20	647334	1@1	CP_64QAM	17.09	18.91
DC_13A-n78(3700-3800)A	30	20	647334	1@49	CP_64QAM	17.30	19.12
DC_13A-n78(3700-3800)A	30	20	647334	51@0	CP_256QAM	14.28	16.10
DC_13A-n78(3700-3800)A	30	20	647334	25@12	CP_256QAM	14.30	16.12
DC_13A-n78(3700-3800)A	30	20	647334	1@1	CP_256QAM	14.03	15.85
DC_13A-n78(3700-3800)A	30	20	647334	1@49	CP_256QAM	14.10	15.92
DC_13A-n78(3700-3800)A	30	20	650000	50@0	DFT_BPSK	17.19	19.01
DC_13A-n78(3700-3800)A	30	20	650000	25@12	DFT_BPSK	17.20	19.02
DC_13A-n78(3700-3800)A	30	20	650000	1@1	DFT_BPSK	17.39	19.21

DC_13A-n78(3700-3800)A	30	20	650000	1@49	DFT_BPSK	17.18	19.00
DC_13A-n78(3700-3800)A	30	20	650000	50@0	DFT_QPSK	17.19	19.01
DC_13A-n78(3700-3800)A	30	20	650000	25@12	DFT_QPSK	17.18	19.00
DC_13A-n78(3700-3800)A	30	20	650000	1@1	DFT_QPSK	17.32	19.14
DC_13A-n78(3700-3800)A	30	20	650000	1@49	DFT_QPSK	17.03	18.85
DC_13A-n78(3700-3800)A	30	20	650000	50@0	DFT_16QAM	17.18	19.00
DC_13A-n78(3700-3800)A	30	20	650000	25@12	DFT_16QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	20	650000	1@1	DFT_16QAM	17.48	19.30
DC_13A-n78(3700-3800)A	30	20	650000	1@49	DFT_16QAM	17.30	19.12
DC_13A-n78(3700-3800)A	30	20	650000	50@0	DFT_64QAM	17.11	18.93
DC_13A-n78(3700-3800)A	30	20	650000	25@12	DFT_64QAM	16.96	18.78
DC_13A-n78(3700-3800)A	30	20	650000	1@1	DFT_64QAM	17.09	18.91
DC_13A-n78(3700-3800)A	30	20	650000	1@49	DFT_64QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	20	650000	50@0	DFT_256QAM	16.63	18.45
DC_13A-n78(3700-3800)A	30	20	650000	25@12	DFT_256QAM	16.75	18.57
DC_13A-n78(3700-3800)A	30	20	650000	1@1	DFT_256QAM	16.54	18.36
DC_13A-n78(3700-3800)A	30	20	650000	1@49	DFT_256QAM	16.32	18.14
DC_13A-n78(3700-3800)A	30	20	650000	51@0	CP_QPSK	17.12	18.94
DC_13A-n78(3700-3800)A	30	20	650000	25@12	CP_QPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	20	650000	1@1	CP_QPSK	17.44	19.26
DC_13A-n78(3700-3800)A	30	20	650000	1@49	CP_QPSK	17.21	19.03
DC_13A-n78(3700-3800)A	30	20	650000	51@0	CP_16QAM	17.11	18.93

DC_13A-n78(3700-3800)A	30	20	650000	25@12	CP_16QAM	17.17	18.99
DC_13A-n78(3700-3800)A	30	20	650000	1@1	CP_16QAM	17.44	19.26
DC_13A-n78(3700-3800)A	30	20	650000	1@49	CP_16QAM	17.27	19.09
DC_13A-n78(3700-3800)A	30	20	650000	51@0	CP_64QAM	17.27	19.09
DC_13A-n78(3700-3800)A	30	20	650000	25@12	CP_64QAM	17.11	18.93
DC_13A-n78(3700-3800)A	30	20	650000	1@1	CP_64QAM	17.44	19.26
DC_13A-n78(3700-3800)A	30	20	650000	1@49	CP_64QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	20	650000	51@0	CP_256QAM	14.43	16.25
DC_13A-n78(3700-3800)A	30	20	650000	25@12	CP_256QAM	14.43	16.25
DC_13A-n78(3700-3800)A	30	20	650000	1@1	CP_256QAM	14.23	16.05
DC_13A-n78(3700-3800)A	30	20	650000	1@49	CP_256QAM	14.06	15.88
DC_13A-n78(3700-3800)A	30	20	652666	50@0	DFT_BPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	20	652666	25@12	DFT_BPSK	17.13	18.95
DC_13A-n78(3700-3800)A	30	20	652666	1@1	DFT_BPSK	17.23	19.05
DC_13A-n78(3700-3800)A	30	20	652666	1@49	DFT_BPSK	17.02	18.84
DC_13A-n78(3700-3800)A	30	20	652666	50@0	DFT_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	20	652666	25@12	DFT_QPSK	17.17	18.99
DC_13A-n78(3700-3800)A	30	20	652666	1@1	DFT_QPSK	17.17	18.99
DC_13A-n78(3700-3800)A	30	20	652666	1@49	DFT_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	20	652666	50@0	DFT_16QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	20	652666	25@12	DFT_16QAM	17.12	18.94
DC_13A-n78(3700-3800)A	30	20	652666	1@1	DFT_16QAM	17.32	19.14

DC_13A-n78(3700-3800)A	30	20	652666	1@49	DFT_16QAM	17.11	18.93
DC_13A-n78(3700-3800)A	30	20	652666	50@0	DFT_64QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	20	652666	25@12	DFT_64QAM	17.13	18.95
DC_13A-n78(3700-3800)A	30	20	652666	1@1	DFT_64QAM	17.10	18.92
DC_13A-n78(3700-3800)A	30	20	652666	1@49	DFT_64QAM	16.91	18.73
DC_13A-n78(3700-3800)A	30	20	652666	50@0	DFT_256QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	20	652666	25@12	DFT_256QAM	16.72	18.54
DC_13A-n78(3700-3800)A	30	20	652666	1@1	DFT_256QAM	16.32	18.14
DC_13A-n78(3700-3800)A	30	20	652666	1@49	DFT_256QAM	16.19	18.01
DC_13A-n78(3700-3800)A	30	20	652666	51@0	CP_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	20	652666	25@12	CP_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	20	652666	1@1	CP_QPSK	17.29	19.11
DC_13A-n78(3700-3800)A	30	20	652666	1@49	CP_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	20	652666	51@0	CP_16QAM	17.18	19.00
DC_13A-n78(3700-3800)A	30	20	652666	25@12	CP_16QAM	17.21	19.03
DC_13A-n78(3700-3800)A	30	20	652666	1@1	CP_16QAM	17.29	19.11
DC_13A-n78(3700-3800)A	30	20	652666	1@49	CP_16QAM	17.13	18.95
DC_13A-n78(3700-3800)A	30	20	652666	51@0	CP_64QAM	17.17	18.99
DC_13A-n78(3700-3800)A	30	20	652666	25@12	CP_64QAM	17.19	19.01
DC_13A-n78(3700-3800)A	30	20	652666	1@1	CP_64QAM	17.19	19.01
DC_13A-n78(3700-3800)A	30	20	652666	1@49	CP_64QAM	17.16	18.98
DC_13A-n78(3700-3800)A	30	20	652666	51@0	CP_256QAM	14.47	16.29

DC_13A-n78(3700-3800)A	30	20	652666	25@12	CP_256QAM	14.54	16.36
DC_13A-n78(3700-3800)A	30	20	652666	1@1	CP_256QAM	14.26	16.08
DC_13A-n78(3700-3800)A	30	20	652666	1@49	CP_256QAM	14.10	15.92
DC_13A-n78(3700-3800)A	30	30	647668	75@0	DFT_BPSK	17.25	19.07
DC_13A-n78(3700-3800)A	30	30	647668	36@18	DFT_BPSK	17.23	19.05
DC_13A-n78(3700-3800)A	30	30	647668	1@1	DFT_BPSK	17.02	18.84
DC_13A-n78(3700-3800)A	30	30	647668	1@76	DFT_BPSK	17.13	18.95
DC_13A-n78(3700-3800)A	30	30	647668	75@0	DFT_QPSK	17.22	19.04
DC_13A-n78(3700-3800)A	30	30	647668	36@18	DFT_QPSK	17.19	19.01
DC_13A-n78(3700-3800)A	30	30	647668	1@1	DFT_QPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	30	647668	1@76	DFT_QPSK	17.19	19.01
DC_13A-n78(3700-3800)A	30	30	647668	75@0	DFT_16QAM	17.19	19.01
DC_13A-n78(3700-3800)A	30	30	647668	36@18	DFT_16QAM	17.29	19.11
DC_13A-n78(3700-3800)A	30	30	647668	1@1	DFT_16QAM	17.13	18.95
DC_13A-n78(3700-3800)A	30	30	647668	1@76	DFT_16QAM	17.32	19.14
DC_13A-n78(3700-3800)A	30	30	647668	75@0	DFT_64QAM	17.23	19.05
DC_13A-n78(3700-3800)A	30	30	647668	36@18	DFT_64QAM	17.20	19.02
DC_13A-n78(3700-3800)A	30	30	647668	1@1	DFT_64QAM	16.86	18.68
DC_13A-n78(3700-3800)A	30	30	647668	1@76	DFT_64QAM	17.10	18.92
DC_13A-n78(3700-3800)A	30	30	647668	75@0	DFT_256QAM	16.48	18.30
DC_13A-n78(3700-3800)A	30	30	647668	36@18	DFT_256QAM	16.52	18.34
DC_13A-n78(3700-3800)A	30	30	647668	1@1	DFT_256QAM	16.34	18.16

DC_13A-n78(3700-3800)A	30	30	647668	1@76	DFT_256QAM	16.44	18.26
DC_13A-n78(3700-3800)A	30	30	647668	78@0	CP_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	30	647668	39@19	CP_QPSK	17.20	19.02
DC_13A-n78(3700-3800)A	30	30	647668	1@1	CP_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	30	647668	1@76	CP_QPSK	17.18	19.00
DC_13A-n78(3700-3800)A	30	30	647668	78@0	CP_16QAM	17.19	19.01
DC_13A-n78(3700-3800)A	30	30	647668	39@19	CP_16QAM	17.22	19.04
DC_13A-n78(3700-3800)A	30	30	647668	1@1	CP_16QAM	17.18	19.00
DC_13A-n78(3700-3800)A	30	30	647668	1@76	CP_16QAM	17.21	19.03
DC_13A-n78(3700-3800)A	30	30	647668	78@0	CP_64QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	30	647668	39@19	CP_64QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	30	647668	1@1	CP_64QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	30	647668	1@76	CP_64QAM	17.25	19.07
DC_13A-n78(3700-3800)A	30	30	647668	78@0	CP_256QAM	14.38	16.20
DC_13A-n78(3700-3800)A	30	30	647668	39@19	CP_256QAM	14.36	16.18
DC_13A-n78(3700-3800)A	30	30	647668	1@1	CP_256QAM	14.16	15.98
DC_13A-n78(3700-3800)A	30	30	647668	1@76	CP_256QAM	14.13	15.95
DC_13A-n78(3700-3800)A	30	30	650000	75@0	DFT_BPSK	17.11	18.93
DC_13A-n78(3700-3800)A	30	30	650000	36@18	DFT_BPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	30	650000	1@1	DFT_BPSK	17.32	19.14
DC_13A-n78(3700-3800)A	30	30	650000	1@76	DFT_BPSK	17.04	18.86
DC_13A-n78(3700-3800)A	30	30	650000	75@0	DFT_QPSK	17.07	18.89

DC_13A-n78(3700-3800)A	30	30	650000	36@18	DFT_QPSK	17.19	19.01
DC_13A-n78(3700-3800)A	30	30	650000	1@1	DFT_QPSK	17.35	19.17
DC_13A-n78(3700-3800)A	30	30	650000	1@76	DFT_QPSK	17.18	19.00
DC_13A-n78(3700-3800)A	30	30	650000	75@0	DFT_16QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	30	650000	36@18	DFT_16QAM	17.11	18.93
DC_13A-n78(3700-3800)A	30	30	650000	1@1	DFT_16QAM	17.50	19.32
DC_13A-n78(3700-3800)A	30	30	650000	1@76	DFT_16QAM	17.32	19.14
DC_13A-n78(3700-3800)A	30	30	650000	75@0	DFT_64QAM	17.29	19.11
DC_13A-n78(3700-3800)A	30	30	650000	36@18	DFT_64QAM	17.23	19.05
DC_13A-n78(3700-3800)A	30	30	650000	1@1	DFT_64QAM	17.30	19.12
DC_13A-n78(3700-3800)A	30	30	650000	1@76	DFT_64QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	30	650000	75@0	DFT_256QAM	16.63	18.45
DC_13A-n78(3700-3800)A	30	30	650000	36@18	DFT_256QAM	16.60	18.42
DC_13A-n78(3700-3800)A	30	30	650000	1@1	DFT_256QAM	16.55	18.37
DC_13A-n78(3700-3800)A	30	30	650000	1@76	DFT_256QAM	16.34	18.16
DC_13A-n78(3700-3800)A	30	30	650000	78@0	CP_QPSK	17.23	19.05
DC_13A-n78(3700-3800)A	30	30	650000	39@19	CP_QPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	30	650000	1@1	CP_QPSK	17.44	19.26
DC_13A-n78(3700-3800)A	30	30	650000	1@76	CP_QPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	30	650000	78@0	CP_16QAM	17.22	19.04
DC_13A-n78(3700-3800)A	30	30	650000	39@19	CP_16QAM	17.12	18.94
DC_13A-n78(3700-3800)A	30	30	650000	1@1	CP_16QAM	17.44	19.26

DC_13A-n78(3700-3800)A	30	30	650000	1@76	CP_16QAM	17.10	18.92
DC_13A-n78(3700-3800)A	30	30	650000	78@0	CP_64QAM	17.27	19.09
DC_13A-n78(3700-3800)A	30	30	650000	39@19	CP_64QAM	17.11	18.93
DC_13A-n78(3700-3800)A	30	30	650000	1@1	CP_64QAM	17.26	19.08
DC_13A-n78(3700-3800)A	30	30	650000	1@76	CP_64QAM	17.23	19.05
DC_13A-n78(3700-3800)A	30	30	650000	78@0	CP_256QAM	14.44	16.26
DC_13A-n78(3700-3800)A	30	30	650000	39@19	CP_256QAM	14.36	16.18
DC_13A-n78(3700-3800)A	30	30	650000	1@1	CP_256QAM	14.54	16.36
DC_13A-n78(3700-3800)A	30	30	650000	1@76	CP_256QAM	14.11	15.93
DC_13A-n78(3700-3800)A	30	30	652332	75@0	DFT_BPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	30	652332	36@18	DFT_BPSK	17.13	18.95
DC_13A-n78(3700-3800)A	30	30	652332	1@1	DFT_BPSK	17.20	19.02
DC_13A-n78(3700-3800)A	30	30	652332	1@76	DFT_BPSK	16.97	18.79
DC_13A-n78(3700-3800)A	30	30	652332	75@0	DFT_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	30	652332	36@18	DFT_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	30	652332	1@1	DFT_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	30	652332	1@76	DFT_QPSK	17.02	18.84
DC_13A-n78(3700-3800)A	30	30	652332	75@0	DFT_16QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	30	652332	36@18	DFT_16QAM	17.10	18.92
DC_13A-n78(3700-3800)A	30	30	652332	1@1	DFT_16QAM	17.27	19.09
DC_13A-n78(3700-3800)A	30	30	652332	1@76	DFT_16QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	30	652332	75@0	DFT_64QAM	17.14	18.96

DC_13A-n78(3700-3800)A	30	30	652332	36@18	DFT_64QAM	17.13	18.95
DC_13A-n78(3700-3800)A	30	30	652332	1@1	DFT_64QAM	17.09	18.91
DC_13A-n78(3700-3800)A	30	30	652332	1@76	DFT_64QAM	16.86	18.68
DC_13A-n78(3700-3800)A	30	30	652332	75@0	DFT_256QAM	16.61	18.43
DC_13A-n78(3700-3800)A	30	30	652332	36@18	DFT_256QAM	16.57	18.39
DC_13A-n78(3700-3800)A	30	30	652332	1@1	DFT_256QAM	16.34	18.16
DC_13A-n78(3700-3800)A	30	30	652332	1@76	DFT_256QAM	16.21	18.03
DC_13A-n78(3700-3800)A	30	30	652332	78@0	CP_QPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	30	652332	39@19	CP_QPSK	17.20	19.02
DC_13A-n78(3700-3800)A	30	30	652332	1@1	CP_QPSK	17.20	19.02
DC_13A-n78(3700-3800)A	30	30	652332	1@76	CP_QPSK	16.96	18.78
DC_13A-n78(3700-3800)A	30	30	652332	78@0	CP_16QAM	17.19	19.01
DC_13A-n78(3700-3800)A	30	30	652332	39@19	CP_16QAM	17.04	18.86
DC_13A-n78(3700-3800)A	30	30	652332	1@1	CP_16QAM	17.30	19.12
DC_13A-n78(3700-3800)A	30	30	652332	1@76	CP_16QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	30	652332	78@0	CP_64QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	30	652332	39@19	CP_64QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	30	652332	1@1	CP_64QAM	17.19	19.01
DC_13A-n78(3700-3800)A	30	30	652332	1@76	CP_64QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	30	652332	78@0	CP_256QAM	14.27	16.09
DC_13A-n78(3700-3800)A	30	30	652332	39@19	CP_256QAM	14.39	16.21
DC_13A-n78(3700-3800)A	30	30	652332	1@1	CP_256QAM	14.24	16.06

DC_13A-n78(3700-3800)A	30	30	652332	1@76	CP_256QAM	14.03	15.85
DC_13A-n78(3700-3800)A	30	40	648000	100@0	DFT_BPSK	17.41	19.23
DC_13A-n78(3700-3800)A	30	40	648000	50@25	DFT_BPSK	17.42	19.24
DC_13A-n78(3700-3800)A	30	40	648000	1@1	DFT_BPSK	17.35	19.17
DC_13A-n78(3700-3800)A	30	40	648000	1@104	DFT_BPSK	17.36	19.18
DC_13A-n78(3700-3800)A	30	40	648000	100@0	DFT_QPSK	17.42	19.24
DC_13A-n78(3700-3800)A	30	40	648000	50@25	DFT_QPSK	17.46	19.28
DC_13A-n78(3700-3800)A	30	40	648000	1@1	DFT_QPSK	17.44	19.26
DC_13A-n78(3700-3800)A	30	40	648000	1@104	DFT_QPSK	17.27	19.09
DC_13A-n78(3700-3800)A	30	40	648000	100@0	DFT_16QAM	17.38	19.20
DC_13A-n78(3700-3800)A	30	40	648000	50@25	DFT_16QAM	17.46	19.28
DC_13A-n78(3700-3800)A	30	40	648000	1@1	DFT_16QAM	17.48	19.30
DC_13A-n78(3700-3800)A	30	40	648000	1@104	DFT_16QAM	17.60	19.42
DC_13A-n78(3700-3800)A	30	40	648000	100@0	DFT_64QAM	17.38	19.20
DC_13A-n78(3700-3800)A	30	40	648000	50@25	DFT_64QAM	17.48	19.30
DC_13A-n78(3700-3800)A	30	40	648000	1@1	DFT_64QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	40	648000	1@104	DFT_64QAM	17.37	19.19
DC_13A-n78(3700-3800)A	30	40	648000	100@0	DFT_256QAM	16.89	18.71
DC_13A-n78(3700-3800)A	30	40	648000	50@25	DFT_256QAM	16.88	18.70
DC_13A-n78(3700-3800)A	30	40	648000	1@1	DFT_256QAM	16.57	18.39
DC_13A-n78(3700-3800)A	30	40	648000	1@104	DFT_256QAM	16.60	18.42
DC_13A-n78(3700-3800)A	30	40	648000	106@0	CP_QPSK	17.39	19.21

DC_13A-n78(3700-3800)A	30	40	648000	53@26	CP_QPSK	17.39	19.21
DC_13A-n78(3700-3800)A	30	40	648000	1@1	CP_QPSK	17.45	19.27
DC_13A-n78(3700-3800)A	30	40	648000	1@104	CP_QPSK	17.37	19.19
DC_13A-n78(3700-3800)A	30	40	648000	106@0	CP_16QAM	17.44	19.26
DC_13A-n78(3700-3800)A	30	40	648000	53@26	CP_16QAM	17.41	19.23
DC_13A-n78(3700-3800)A	30	40	648000	1@1	CP_16QAM	17.48	19.30
DC_13A-n78(3700-3800)A	30	40	648000	1@104	CP_16QAM	17.50	19.32
DC_13A-n78(3700-3800)A	30	40	648000	106@0	CP_64QAM	17.39	19.21
DC_13A-n78(3700-3800)A	30	40	648000	53@26	CP_64QAM	17.51	19.33
DC_13A-n78(3700-3800)A	30	40	648000	1@1	CP_64QAM	17.36	19.18
DC_13A-n78(3700-3800)A	30	40	648000	1@104	CP_64QAM	17.43	19.25
DC_13A-n78(3700-3800)A	30	40	648000	106@0	CP_256QAM	14.53	16.35
DC_13A-n78(3700-3800)A	30	40	648000	53@26	CP_256QAM	14.41	16.23
DC_13A-n78(3700-3800)A	30	40	648000	1@1	CP_256QAM	14.49	16.31
DC_13A-n78(3700-3800)A	30	40	648000	1@104	CP_256QAM	14.43	16.25
DC_13A-n78(3700-3800)A	30	40	650000	100@0	DFT_BPSK	17.19	19.01
DC_13A-n78(3700-3800)A	30	40	650000	50@25	DFT_BPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	40	650000	1@1	DFT_BPSK	17.45	19.27
DC_13A-n78(3700-3800)A	30	40	650000	1@104	DFT_BPSK	17.21	19.03
DC_13A-n78(3700-3800)A	30	40	650000	100@0	DFT_QPSK	17.17	18.99
DC_13A-n78(3700-3800)A	30	40	650000	50@25	DFT_QPSK	17.13	18.95
DC_13A-n78(3700-3800)A	30	40	650000	1@1	DFT_QPSK	17.53	19.35

DC_13A-n78(3700-3800)A	30	40	650000	1@104	DFT_QPSK	17.12	18.94
DC_13A-n78(3700-3800)A	30	40	650000	100@0	DFT_16QAM	17.26	19.08
DC_13A-n78(3700-3800)A	30	40	650000	50@25	DFT_16QAM	17.16	18.98
DC_13A-n78(3700-3800)A	30	40	650000	1@1	DFT_16QAM	17.55	19.37
DC_13A-n78(3700-3800)A	30	40	650000	1@104	DFT_16QAM	17.26	19.08
DC_13A-n78(3700-3800)A	30	40	650000	100@0	DFT_64QAM	17.19	19.01
DC_13A-n78(3700-3800)A	30	40	650000	50@25	DFT_64QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	40	650000	1@1	DFT_64QAM	17.23	19.05
DC_13A-n78(3700-3800)A	30	40	650000	1@104	DFT_64QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	40	650000	100@0	DFT_256QAM	16.66	18.48
DC_13A-n78(3700-3800)A	30	40	650000	50@25	DFT_256QAM	16.55	18.37
DC_13A-n78(3700-3800)A	30	40	650000	1@1	DFT_256QAM	16.73	18.55
DC_13A-n78(3700-3800)A	30	40	650000	1@104	DFT_256QAM	16.54	18.36
DC_13A-n78(3700-3800)A	30	40	650000	106@0	CP_QPSK	17.23	19.05
DC_13A-n78(3700-3800)A	30	40	650000	53@26	CP_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	40	650000	1@1	CP_QPSK	17.70	19.52
DC_13A-n78(3700-3800)A	30	40	650000	1@104	CP_QPSK	17.21	19.03
DC_13A-n78(3700-3800)A	30	40	650000	106@0	CP_16QAM	17.23	19.05
DC_13A-n78(3700-3800)A	30	40	650000	53@26	CP_16QAM	17.16	18.98
DC_13A-n78(3700-3800)A	30	40	650000	1@1	CP_16QAM	17.46	19.28
DC_13A-n78(3700-3800)A	30	40	650000	1@104	CP_16QAM	17.26	19.08
DC_13A-n78(3700-3800)A	30	40	650000	106@0	CP_64QAM	17.21	19.03

DC_13A-n78(3700-3800)A	30	40	650000	53@26	CP_64QAM	17.17	18.99
DC_13A-n78(3700-3800)A	30	40	650000	1@1	CP_64QAM	17.63	19.45
DC_13A-n78(3700-3800)A	30	40	650000	1@104	CP_64QAM	17.21	19.03
DC_13A-n78(3700-3800)A	30	40	650000	106@0	CP_256QAM	14.42	16.24
DC_13A-n78(3700-3800)A	30	40	650000	53@26	CP_256QAM	14.41	16.23
DC_13A-n78(3700-3800)A	30	40	650000	1@1	CP_256QAM	14.58	16.40
DC_13A-n78(3700-3800)A	30	40	650000	1@104	CP_256QAM	14.17	15.99
DC_13A-n78(3700-3800)A	30	40	652000	100@0	DFT_BPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	40	652000	50@25	DFT_BPSK	16.94	18.76
DC_13A-n78(3700-3800)A	30	40	652000	1@1	DFT_BPSK	17.13	18.95
DC_13A-n78(3700-3800)A	30	40	652000	1@104	DFT_BPSK	17.01	18.83
DC_13A-n78(3700-3800)A	30	40	652000	100@0	DFT_QPSK	17.09	18.91
DC_13A-n78(3700-3800)A	30	40	652000	50@25	DFT_QPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	40	652000	1@1	DFT_QPSK	17.19	19.01
DC_13A-n78(3700-3800)A	30	40	652000	1@104	DFT_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	40	652000	100@0	DFT_16QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	40	652000	50@25	DFT_16QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	40	652000	1@1	DFT_16QAM	17.26	19.08
DC_13A-n78(3700-3800)A	30	40	652000	1@104	DFT_16QAM	17.00	18.82
DC_13A-n78(3700-3800)A	30	40	652000	100@0	DFT_64QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	40	652000	50@25	DFT_64QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	40	652000	1@1	DFT_64QAM	17.02	18.84

DC_13A-n78(3700-3800)A	30	40	652000	1@104	DFT_64QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	40	652000	100@0	DFT_256QAM	16.53	18.35
DC_13A-n78(3700-3800)A	30	40	652000	50@25	DFT_256QAM	16.54	18.36
DC_13A-n78(3700-3800)A	30	40	652000	1@1	DFT_256QAM	16.42	18.24
DC_13A-n78(3700-3800)A	30	40	652000	1@104	DFT_256QAM	16.21	18.03
DC_13A-n78(3700-3800)A	30	40	652000	106@0	CP_QPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	40	652000	53@26	CP_QPSK	16.94	18.76
DC_13A-n78(3700-3800)A	30	40	652000	1@1	CP_QPSK	17.30	19.12
DC_13A-n78(3700-3800)A	30	40	652000	1@104	CP_QPSK	17.01	18.83
DC_13A-n78(3700-3800)A	30	40	652000	106@0	CP_16QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	40	652000	53@26	CP_16QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	40	652000	1@1	CP_16QAM	17.35	19.17
DC_13A-n78(3700-3800)A	30	40	652000	1@104	CP_16QAM	17.09	18.91
DC_13A-n78(3700-3800)A	30	40	652000	106@0	CP_64QAM	16.91	18.73
DC_13A-n78(3700-3800)A	30	40	652000	53@26	CP_64QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	40	652000	1@1	CP_64QAM	17.29	19.11
DC_13A-n78(3700-3800)A	30	40	652000	1@104	CP_64QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	40	652000	106@0	CP_256QAM	14.10	15.92
DC_13A-n78(3700-3800)A	30	40	652000	53@26	CP_256QAM	14.26	16.08
DC_13A-n78(3700-3800)A	30	40	652000	1@1	CP_256QAM	14.18	16.00
DC_13A-n78(3700-3800)A	30	40	652000	1@104	CP_256QAM	14.06	15.88
DC_13A-n78(3700-3800)A	30	50	648334	128@0	DFT_BPSK	17.04	18.86

DC_13A-n78(3700-3800)A	30	50	648334	64@32	DFT_BPSK	17.13	18.95
DC_13A-n78(3700-3800)A	30	50	648334	1@1	DFT_BPSK	16.92	18.74
DC_13A-n78(3700-3800)A	30	50	648334	1@131	DFT_BPSK	16.94	18.76
DC_13A-n78(3700-3800)A	30	50	648334	128@0	DFT_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	50	648334	64@32	DFT_QPSK	17.17	18.99
DC_13A-n78(3700-3800)A	30	50	648334	1@1	DFT_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	50	648334	1@131	DFT_QPSK	16.97	18.79
DC_13A-n78(3700-3800)A	30	50	648334	128@0	DFT_16QAM	17.11	18.93
DC_13A-n78(3700-3800)A	30	50	648334	64@32	DFT_16QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	50	648334	1@1	DFT_16QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	50	648334	1@131	DFT_16QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	50	648334	128@0	DFT_64QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	50	648334	64@32	DFT_64QAM	17.16	18.98
DC_13A-n78(3700-3800)A	30	50	648334	1@1	DFT_64QAM	16.75	18.57
DC_13A-n78(3700-3800)A	30	50	648334	1@131	DFT_64QAM	16.80	18.62
DC_13A-n78(3700-3800)A	30	50	648334	128@0	DFT_256QAM	16.61	18.43
DC_13A-n78(3700-3800)A	30	50	648334	64@32	DFT_256QAM	16.66	18.48
DC_13A-n78(3700-3800)A	30	50	648334	1@1	DFT_256QAM	16.16	17.98
DC_13A-n78(3700-3800)A	30	50	648334	1@131	DFT_256QAM	16.21	18.03
DC_13A-n78(3700-3800)A	30	50	648334	133@0	CP_QPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	50	648334	67@33	CP_QPSK	17.18	19.00
DC_13A-n78(3700-3800)A	30	50	648334	1@1	CP_QPSK	16.92	18.74

DC_13A-n78(3700-3800)A	30	50	648334	1@131	CP_QPSK	17.04	18.86
DC_13A-n78(3700-3800)A	30	50	648334	133@0	CP_16QAM	17.12	18.94
DC_13A-n78(3700-3800)A	30	50	648334	67@33	CP_16QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	50	648334	1@1	CP_16QAM	17.00	18.82
DC_13A-n78(3700-3800)A	30	50	648334	1@131	CP_16QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	50	648334	133@0	CP_64QAM	17.13	18.95
DC_13A-n78(3700-3800)A	30	50	648334	67@33	CP_64QAM	17.20	19.02
DC_13A-n78(3700-3800)A	30	50	648334	1@1	CP_64QAM	17.00	18.82
DC_13A-n78(3700-3800)A	30	50	648334	1@131	CP_64QAM	17.12	18.94
DC_13A-n78(3700-3800)A	30	50	648334	133@0	CP_256QAM	14.25	16.07
DC_13A-n78(3700-3800)A	30	50	648334	67@33	CP_256QAM	14.28	16.10
DC_13A-n78(3700-3800)A	30	50	648334	1@1	CP_256QAM	13.99	15.81
DC_13A-n78(3700-3800)A	30	50	648334	1@131	CP_256QAM	13.73	15.55
DC_13A-n78(3700-3800)A	30	50	650000	128@0	DFT_BPSK	16.97	18.79
DC_13A-n78(3700-3800)A	30	50	650000	64@32	DFT_BPSK	17.13	18.95
DC_13A-n78(3700-3800)A	30	50	650000	1@1	DFT_BPSK	17.13	18.95
DC_13A-n78(3700-3800)A	30	50	650000	1@131	DFT_BPSK	16.87	18.69
DC_13A-n78(3700-3800)A	30	50	650000	128@0	DFT_QPSK	17.04	18.86
DC_13A-n78(3700-3800)A	30	50	650000	64@32	DFT_QPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	50	650000	1@1	DFT_QPSK	17.12	18.94
DC_13A-n78(3700-3800)A	30	50	650000	1@131	DFT_QPSK	16.87	18.69
DC_13A-n78(3700-3800)A	30	50	650000	128@0	DFT_16QAM	17.11	18.93

DC_13A-n78(3700-3800)A	30	50	650000	64@32	DFT_16QAM	17.04	18.86
DC_13A-n78(3700-3800)A	30	50	650000	1@1	DFT_16QAM	17.27	19.09
DC_13A-n78(3700-3800)A	30	50	650000	1@131	DFT_16QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	50	650000	128@0	DFT_64QAM	17.12	18.94
DC_13A-n78(3700-3800)A	30	50	650000	64@32	DFT_64QAM	17.10	18.92
DC_13A-n78(3700-3800)A	30	50	650000	1@1	DFT_64QAM	17.10	18.92
DC_13A-n78(3700-3800)A	30	50	650000	1@131	DFT_64QAM	16.73	18.55
DC_13A-n78(3700-3800)A	30	50	650000	128@0	DFT_256QAM	16.55	18.37
DC_13A-n78(3700-3800)A	30	50	650000	64@32	DFT_256QAM	16.48	18.30
DC_13A-n78(3700-3800)A	30	50	650000	1@1	DFT_256QAM	16.23	18.05
DC_13A-n78(3700-3800)A	30	50	650000	1@131	DFT_256QAM	16.10	17.92
DC_13A-n78(3700-3800)A	30	50	650000	133@0	CP_QPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	50	650000	67@33	CP_QPSK	17.04	18.86
DC_13A-n78(3700-3800)A	30	50	650000	1@1	CP_QPSK	17.23	19.05
DC_13A-n78(3700-3800)A	30	50	650000	1@131	CP_QPSK	16.97	18.79
DC_13A-n78(3700-3800)A	30	50	650000	133@0	CP_16QAM	17.09	18.91
DC_13A-n78(3700-3800)A	30	50	650000	67@33	CP_16QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	50	650000	1@1	CP_16QAM	17.30	19.12
DC_13A-n78(3700-3800)A	30	50	650000	1@131	CP_16QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	50	650000	133@0	CP_64QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	50	650000	67@33	CP_64QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	50	650000	1@1	CP_64QAM	17.28	19.10

DC_13A-n78(3700-3800)A	30	50	650000	1@131	CP_64QAM	16.71	18.53
DC_13A-n78(3700-3800)A	30	50	650000	133@0	CP_256QAM	14.21	16.03
DC_13A-n78(3700-3800)A	30	50	650000	67@33	CP_256QAM	14.09	15.91
DC_13A-n78(3700-3800)A	30	50	650000	1@1	CP_256QAM	14.25	16.07
DC_13A-n78(3700-3800)A	30	50	650000	1@131	CP_256QAM	13.90	15.72
DC_13A-n78(3700-3800)A	30	50	651666	128@0	DFT_BPSK	16.95	18.77
DC_13A-n78(3700-3800)A	30	50	651666	64@32	DFT_BPSK	16.94	18.76
DC_13A-n78(3700-3800)A	30	50	651666	1@1	DFT_BPSK	16.97	18.79
DC_13A-n78(3700-3800)A	30	50	651666	1@131	DFT_BPSK	16.68	18.50
DC_13A-n78(3700-3800)A	30	50	651666	128@0	DFT_QPSK	16.88	18.70
DC_13A-n78(3700-3800)A	30	50	651666	64@32	DFT_QPSK	16.93	18.75
DC_13A-n78(3700-3800)A	30	50	651666	1@1	DFT_QPSK	17.00	18.82
DC_13A-n78(3700-3800)A	30	50	651666	1@131	DFT_QPSK	16.66	18.48
DC_13A-n78(3700-3800)A	30	50	651666	128@0	DFT_16QAM	17.04	18.86
DC_13A-n78(3700-3800)A	30	50	651666	64@32	DFT_16QAM	16.96	18.78
DC_13A-n78(3700-3800)A	30	50	651666	1@1	DFT_16QAM	17.17	18.99
DC_13A-n78(3700-3800)A	30	50	651666	1@131	DFT_16QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	50	651666	128@0	DFT_64QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	50	651666	64@32	DFT_64QAM	16.84	18.66
DC_13A-n78(3700-3800)A	30	50	651666	1@1	DFT_64QAM	16.88	18.70
DC_13A-n78(3700-3800)A	30	50	651666	1@131	DFT_64QAM	16.47	18.29
DC_13A-n78(3700-3800)A	30	50	651666	128@0	DFT_256QAM	16.46	18.28

DC_13A-n78(3700-3800)A	30	50	651666	64@32	DFT_256QAM	16.43	18.25
DC_13A-n78(3700-3800)A	30	50	651666	1@1	DFT_256QAM	16.20	18.02
DC_13A-n78(3700-3800)A	30	50	651666	1@131	DFT_256QAM	15.73	17.55
DC_13A-n78(3700-3800)A	30	50	651666	133@0	CP_QPSK	17.00	18.82
DC_13A-n78(3700-3800)A	30	50	651666	67@33	CP_QPSK	16.95	18.77
DC_13A-n78(3700-3800)A	30	50	651666	1@1	CP_QPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	50	651666	1@131	CP_QPSK	16.72	18.54
DC_13A-n78(3700-3800)A	30	50	651666	133@0	CP_16QAM	16.89	18.71
DC_13A-n78(3700-3800)A	30	50	651666	67@33	CP_16QAM	16.77	18.59
DC_13A-n78(3700-3800)A	30	50	651666	1@1	CP_16QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	50	651666	1@131	CP_16QAM	16.73	18.55
DC_13A-n78(3700-3800)A	30	50	651666	133@0	CP_64QAM	16.84	18.66
DC_13A-n78(3700-3800)A	30	50	651666	67@33	CP_64QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	50	651666	1@1	CP_64QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	50	651666	1@131	CP_64QAM	16.68	18.50
DC_13A-n78(3700-3800)A	30	50	651666	133@0	CP_256QAM	14.16	15.98
DC_13A-n78(3700-3800)A	30	50	651666	67@33	CP_256QAM	14.08	15.90
DC_13A-n78(3700-3800)A	30	50	651666	1@1	CP_256QAM	14.02	15.84
DC_13A-n78(3700-3800)A	30	50	651666	1@131	CP_256QAM	13.70	15.52
DC_13A-n78(3700-3800)A	30	60	648668	162@0	DFT_BPSK	17.01	18.83
DC_13A-n78(3700-3800)A	30	60	648668	81@40	DFT_BPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	60	648668	1@1	DFT_BPSK	16.85	18.67

DC_13A-n78(3700-3800)A	30	60	648668	1@160	DFT_BPSK	16.75	18.57
DC_13A-n78(3700-3800)A	30	60	648668	162@0	DFT_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	60	648668	81@40	DFT_QPSK	16.93	18.75
DC_13A-n78(3700-3800)A	30	60	648668	1@1	DFT_QPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	60	648668	1@160	DFT_QPSK	16.76	18.58
DC_13A-n78(3700-3800)A	30	60	648668	162@0	DFT_16QAM	16.86	18.68
DC_13A-n78(3700-3800)A	30	60	648668	81@40	DFT_16QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	60	648668	1@1	DFT_16QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	60	648668	1@160	DFT_16QAM	16.85	18.67
DC_13A-n78(3700-3800)A	30	60	648668	162@0	DFT_64QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	60	648668	81@40	DFT_64QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	60	648668	1@1	DFT_64QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	60	648668	1@160	DFT_64QAM	16.59	18.41
DC_13A-n78(3700-3800)A	30	60	648668	162@0	DFT_256QAM	16.39	18.21
DC_13A-n78(3700-3800)A	30	60	648668	81@40	DFT_256QAM	16.39	18.21
DC_13A-n78(3700-3800)A	30	60	648668	1@1	DFT_256QAM	16.03	17.85
DC_13A-n78(3700-3800)A	30	60	648668	1@160	DFT_256QAM	16.07	17.89
DC_13A-n78(3700-3800)A	30	60	648668	162@0	CP_QPSK	16.94	18.76
DC_13A-n78(3700-3800)A	30	60	648668	81@40	CP_QPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	60	648668	1@1	CP_QPSK	16.95	18.77
DC_13A-n78(3700-3800)A	30	60	648668	1@160	CP_QPSK	16.64	18.46
DC_13A-n78(3700-3800)A	30	60	648668	162@0	CP_16QAM	16.89	18.71

DC_13A-n78(3700-3800)A	30	60	648668	81@40	CP_16QAM	17.04	18.86
DC_13A-n78(3700-3800)A	30	60	648668	1@1	CP_16QAM	16.94	18.76
DC_13A-n78(3700-3800)A	30	60	648668	1@160	CP_16QAM	16.79	18.61
DC_13A-n78(3700-3800)A	30	60	648668	162@0	CP_64QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	60	648668	81@40	CP_64QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	60	648668	1@1	CP_64QAM	16.84	18.66
DC_13A-n78(3700-3800)A	30	60	648668	1@160	CP_64QAM	16.75	18.57
DC_13A-n78(3700-3800)A	30	60	648668	162@0	CP_256QAM	14.29	16.11
DC_13A-n78(3700-3800)A	30	60	648668	81@40	CP_256QAM	14.20	16.02
DC_13A-n78(3700-3800)A	30	60	648668	1@1	CP_256QAM	13.83	15.65
DC_13A-n78(3700-3800)A	30	60	648668	1@160	CP_256QAM	13.76	15.58
DC_13A-n78(3700-3800)A	30	60	650000	162@0	DFT_BPSK	17.09	18.91
DC_13A-n78(3700-3800)A	30	60	650000	81@40	DFT_BPSK	17.10	18.92
DC_13A-n78(3700-3800)A	30	60	650000	1@1	DFT_BPSK	17.23	19.05
DC_13A-n78(3700-3800)A	30	60	650000	1@160	DFT_BPSK	16.89	18.71
DC_13A-n78(3700-3800)A	30	60	650000	162@0	DFT_QPSK	17.02	18.84
DC_13A-n78(3700-3800)A	30	60	650000	81@40	DFT_QPSK	17.04	18.86
DC_13A-n78(3700-3800)A	30	60	650000	1@1	DFT_QPSK	17.18	19.00
DC_13A-n78(3700-3800)A	30	60	650000	1@160	DFT_QPSK	16.88	18.70
DC_13A-n78(3700-3800)A	30	60	650000	162@0	DFT_16QAM	17.11	18.93
DC_13A-n78(3700-3800)A	30	60	650000	81@40	DFT_16QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	60	650000	1@1	DFT_16QAM	17.32	19.14

DC_13A-n78(3700-3800)A	30	60	650000	1@160	DFT_16QAM	17.12	18.94
DC_13A-n78(3700-3800)A	30	60	650000	162@0	DFT_64QAM	16.96	18.78
DC_13A-n78(3700-3800)A	30	60	650000	81@40	DFT_64QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	60	650000	1@1	DFT_64QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	60	650000	1@160	DFT_64QAM	16.77	18.59
DC_13A-n78(3700-3800)A	30	60	650000	162@0	DFT_256QAM	16.59	18.41
DC_13A-n78(3700-3800)A	30	60	650000	81@40	DFT_256QAM	16.53	18.35
DC_13A-n78(3700-3800)A	30	60	650000	1@1	DFT_256QAM	16.41	18.23
DC_13A-n78(3700-3800)A	30	60	650000	1@160	DFT_256QAM	16.23	18.05
DC_13A-n78(3700-3800)A	30	60	650000	162@0	CP_QPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	60	650000	81@40	CP_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	60	650000	1@1	CP_QPSK	17.25	19.07
DC_13A-n78(3700-3800)A	30	60	650000	1@160	CP_QPSK	16.89	18.71
DC_13A-n78(3700-3800)A	30	60	650000	162@0	CP_16QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	60	650000	81@40	CP_16QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	60	650000	1@1	CP_16QAM	17.23	19.05
DC_13A-n78(3700-3800)A	30	60	650000	1@160	CP_16QAM	16.88	18.70
DC_13A-n78(3700-3800)A	30	60	650000	162@0	CP_64QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	60	650000	81@40	CP_64QAM	17.04	18.86
DC_13A-n78(3700-3800)A	30	60	650000	1@1	CP_64QAM	17.23	19.05
DC_13A-n78(3700-3800)A	30	60	650000	1@160	CP_64QAM	16.92	18.74
DC_13A-n78(3700-3800)A	30	60	650000	162@0	CP_256QAM	14.10	15.92

DC_13A-n78(3700-3800)A	30	60	650000	81@40	CP_256QAM	14.17	15.99
DC_13A-n78(3700-3800)A	30	60	650000	1@1	CP_256QAM	13.96	15.78
DC_13A-n78(3700-3800)A	30	60	650000	1@160	CP_256QAM	14.15	15.97
DC_13A-n78(3700-3800)A	30	60	651332	162@0	DFT_BPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	60	651332	81@40	DFT_BPSK	16.89	18.71
DC_13A-n78(3700-3800)A	30	60	651332	1@1	DFT_BPSK	17.11	18.93
DC_13A-n78(3700-3800)A	30	60	651332	1@160	DFT_BPSK	16.87	18.69
DC_13A-n78(3700-3800)A	30	60	651332	162@0	DFT_QPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	60	651332	81@40	DFT_QPSK	16.95	18.77
DC_13A-n78(3700-3800)A	30	60	651332	1@1	DFT_QPSK	17.16	18.98
DC_13A-n78(3700-3800)A	30	60	651332	1@160	DFT_QPSK	16.88	18.70
DC_13A-n78(3700-3800)A	30	60	651332	162@0	DFT_16QAM	16.91	18.73
DC_13A-n78(3700-3800)A	30	60	651332	81@40	DFT_16QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	60	651332	1@1	DFT_16QAM	17.04	18.86
DC_13A-n78(3700-3800)A	30	60	651332	1@160	DFT_16QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	60	651332	162@0	DFT_64QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	60	651332	81@40	DFT_64QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	60	651332	1@1	DFT_64QAM	16.75	18.57
DC_13A-n78(3700-3800)A	30	60	651332	1@160	DFT_64QAM	16.59	18.41
DC_13A-n78(3700-3800)A	30	60	651332	162@0	DFT_256QAM	16.47	18.29
DC_13A-n78(3700-3800)A	30	60	651332	81@40	DFT_256QAM	16.41	18.23
DC_13A-n78(3700-3800)A	30	60	651332	1@1	DFT_256QAM	16.23	18.05

DC_13A-n78(3700-3800)A	30	60	651332	1@160	DFT_256QAM	16.07	17.89
DC_13A-n78(3700-3800)A	30	60	651332	162@0	CP_QPSK	17.03	18.85
DC_13A-n78(3700-3800)A	30	60	651332	81@40	CP_QPSK	16.96	18.78
DC_13A-n78(3700-3800)A	30	60	651332	1@1	CP_QPSK	17.12	18.94
DC_13A-n78(3700-3800)A	30	60	651332	1@160	CP_QPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	60	651332	162@0	CP_16QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	60	651332	81@40	CP_16QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	60	651332	1@1	CP_16QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	60	651332	1@160	CP_16QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	60	651332	162@0	CP_64QAM	17.00	18.82
DC_13A-n78(3700-3800)A	30	60	651332	81@40	CP_64QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	60	651332	1@1	CP_64QAM	17.22	19.04
DC_13A-n78(3700-3800)A	30	60	651332	1@160	CP_64QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	60	651332	162@0	CP_256QAM	14.22	16.04
DC_13A-n78(3700-3800)A	30	60	651332	81@40	CP_256QAM	14.16	15.98
DC_13A-n78(3700-3800)A	30	60	651332	1@1	CP_256QAM	14.19	16.01
DC_13A-n78(3700-3800)A	30	60	651332	1@160	CP_256QAM	14.05	15.87
DC_13A-n78(3700-3800)A	30	70	649000	180@0	DFT_BPSK	16.68	18.50
DC_13A-n78(3700-3800)A	30	70	649000	90@45	DFT_BPSK	16.64	18.46
DC_13A-n78(3700-3800)A	30	70	649000	1@1	DFT_BPSK	16.70	18.52
DC_13A-n78(3700-3800)A	30	70	649000	1@187	DFT_BPSK	16.45	18.27
DC_13A-n78(3700-3800)A	30	70	649000	180@0	DFT_QPSK	16.66	18.48

DC_13A-n78(3700-3800)A	30	70	649000	90@45	DFT_QPSK	16.64	18.46
DC_13A-n78(3700-3800)A	30	70	649000	1@1	DFT_QPSK	16.60	18.42
DC_13A-n78(3700-3800)A	30	70	649000	1@187	DFT_QPSK	16.48	18.30
DC_13A-n78(3700-3800)A	30	70	649000	180@0	DFT_16QAM	16.61	18.43
DC_13A-n78(3700-3800)A	30	70	649000	90@45	DFT_16QAM	16.57	18.39
DC_13A-n78(3700-3800)A	30	70	649000	1@1	DFT_16QAM	16.77	18.59
DC_13A-n78(3700-3800)A	30	70	649000	1@187	DFT_16QAM	16.63	18.45
DC_13A-n78(3700-3800)A	30	70	649000	180@0	DFT_64QAM	16.54	18.36
DC_13A-n78(3700-3800)A	30	70	649000	90@45	DFT_64QAM	16.66	18.48
DC_13A-n78(3700-3800)A	30	70	649000	1@1	DFT_64QAM	16.46	18.28
DC_13A-n78(3700-3800)A	30	70	649000	1@187	DFT_64QAM	16.51	18.33
DC_13A-n78(3700-3800)A	30	70	649000	180@0	DFT_256QAM	16.13	17.95
DC_13A-n78(3700-3800)A	30	70	649000	90@45	DFT_256QAM	16.25	18.07
DC_13A-n78(3700-3800)A	30	70	649000	1@1	DFT_256QAM	15.70	17.52
DC_13A-n78(3700-3800)A	30	70	649000	1@187	DFT_256QAM	15.76	17.58
DC_13A-n78(3700-3800)A	30	70	649000	189@0	CP_QPSK	16.66	18.48
DC_13A-n78(3700-3800)A	30	70	649000	95@47	CP_QPSK	16.71	18.53
DC_13A-n78(3700-3800)A	30	70	649000	1@1	CP_QPSK	16.63	18.45
DC_13A-n78(3700-3800)A	30	70	649000	1@187	CP_QPSK	16.54	18.36
DC_13A-n78(3700-3800)A	30	70	649000	189@0	CP_16QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	70	649000	95@47	CP_16QAM	16.57	18.39
DC_13A-n78(3700-3800)A	30	70	649000	1@1	CP_16QAM	16.54	18.36

DC_13A-n78(3700-3800)A	30	70	649000	1@187	CP_16QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	70	649000	189@0	CP_64QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	70	649000	95@47	CP_64QAM	16.69	18.51
DC_13A-n78(3700-3800)A	30	70	649000	1@1	CP_64QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	70	649000	1@187	CP_64QAM	16.69	18.51
DC_13A-n78(3700-3800)A	30	70	649000	189@0	CP_256QAM	13.92	15.74
DC_13A-n78(3700-3800)A	30	70	649000	95@47	CP_256QAM	13.85	15.67
DC_13A-n78(3700-3800)A	30	70	649000	1@1	CP_256QAM	13.67	15.49
DC_13A-n78(3700-3800)A	30	70	649000	1@187	CP_256QAM	13.56	15.38
DC_13A-n78(3700-3800)A	30	70	650000	180@0	DFT_BPSK	16.87	18.69
DC_13A-n78(3700-3800)A	30	70	650000	90@45	DFT_BPSK	16.88	18.70
DC_13A-n78(3700-3800)A	30	70	650000	1@1	DFT_BPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	70	650000	1@187	DFT_BPSK	16.64	18.46
DC_13A-n78(3700-3800)A	30	70	650000	180@0	DFT_QPSK	16.91	18.73
DC_13A-n78(3700-3800)A	30	70	650000	90@45	DFT_QPSK	16.89	18.71
DC_13A-n78(3700-3800)A	30	70	650000	1@1	DFT_QPSK	17.07	18.89
DC_13A-n78(3700-3800)A	30	70	650000	1@187	DFT_QPSK	16.68	18.50
DC_13A-n78(3700-3800)A	30	70	650000	180@0	DFT_16QAM	16.94	18.76
DC_13A-n78(3700-3800)A	30	70	650000	90@45	DFT_16QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	70	650000	1@1	DFT_16QAM	17.30	19.12
DC_13A-n78(3700-3800)A	30	70	650000	1@187	DFT_16QAM	16.85	18.67
DC_13A-n78(3700-3800)A	30	70	650000	180@0	DFT_64QAM	16.94	18.76

DC_13A-n78(3700-3800)A	30	70	650000	90@45	DFT_64QAM	16.84	18.66
DC_13A-n78(3700-3800)A	30	70	650000	1@1	DFT_64QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	70	650000	1@187	DFT_64QAM	16.48	18.30
DC_13A-n78(3700-3800)A	30	70	650000	180@0	DFT_256QAM	16.41	18.23
DC_13A-n78(3700-3800)A	30	70	650000	90@45	DFT_256QAM	16.29	18.11
DC_13A-n78(3700-3800)A	30	70	650000	1@1	DFT_256QAM	16.39	18.21
DC_13A-n78(3700-3800)A	30	70	650000	1@187	DFT_256QAM	15.94	17.76
DC_13A-n78(3700-3800)A	30	70	650000	189@0	CP_QPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	70	650000	95@47	CP_QPSK	16.96	18.78
DC_13A-n78(3700-3800)A	30	70	650000	1@1	CP_QPSK	17.09	18.91
DC_13A-n78(3700-3800)A	30	70	650000	1@187	CP_QPSK	16.64	18.46
DC_13A-n78(3700-3800)A	30	70	650000	189@0	CP_16QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	70	650000	95@47	CP_16QAM	16.91	18.73
DC_13A-n78(3700-3800)A	30	70	650000	1@1	CP_16QAM	17.25	19.07
DC_13A-n78(3700-3800)A	30	70	650000	1@187	CP_16QAM	16.75	18.57
DC_13A-n78(3700-3800)A	30	70	650000	189@0	CP_64QAM	17.00	18.82
DC_13A-n78(3700-3800)A	30	70	650000	95@47	CP_64QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	70	650000	1@1	CP_64QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	70	650000	1@187	CP_64QAM	16.72	18.54
DC_13A-n78(3700-3800)A	30	70	650000	189@0	CP_256QAM	14.04	15.86
DC_13A-n78(3700-3800)A	30	70	650000	95@47	CP_256QAM	14.14	15.96
DC_13A-n78(3700-3800)A	30	70	650000	1@1	CP_256QAM	14.19	16.01

DC_13A-n78(3700-3800)A	30	70	650000	1@187	CP_256QAM	13.76	15.58
DC_13A-n78(3700-3800)A	30	70	651000	180@0	DFT_BPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	70	651000	90@45	DFT_BPSK	16.87	18.69
DC_13A-n78(3700-3800)A	30	70	651000	1@1	DFT_BPSK	16.86	18.68
DC_13A-n78(3700-3800)A	30	70	651000	1@187	DFT_BPSK	16.80	18.62
DC_13A-n78(3700-3800)A	30	70	651000	180@0	DFT_QPSK	16.78	18.60
DC_13A-n78(3700-3800)A	30	70	651000	90@45	DFT_QPSK	16.80	18.62
DC_13A-n78(3700-3800)A	30	70	651000	1@1	DFT_QPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	70	651000	1@187	DFT_QPSK	16.80	18.62
DC_13A-n78(3700-3800)A	30	70	651000	180@0	DFT_16QAM	16.76	18.58
DC_13A-n78(3700-3800)A	30	70	651000	90@45	DFT_16QAM	16.79	18.61
DC_13A-n78(3700-3800)A	30	70	651000	1@1	DFT_16QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	70	651000	1@187	DFT_16QAM	16.86	18.68
DC_13A-n78(3700-3800)A	30	70	651000	180@0	DFT_64QAM	16.85	18.67
DC_13A-n78(3700-3800)A	30	70	651000	90@45	DFT_64QAM	16.89	18.71
DC_13A-n78(3700-3800)A	30	70	651000	1@1	DFT_64QAM	16.87	18.69
DC_13A-n78(3700-3800)A	30	70	651000	1@187	DFT_64QAM	16.69	18.51
DC_13A-n78(3700-3800)A	30	70	651000	180@0	DFT_256QAM	16.30	18.12
DC_13A-n78(3700-3800)A	30	70	651000	90@45	DFT_256QAM	16.23	18.05
DC_13A-n78(3700-3800)A	30	70	651000	1@1	DFT_256QAM	15.97	17.79
DC_13A-n78(3700-3800)A	30	70	651000	1@187	DFT_256QAM	16.03	17.85
DC_13A-n78(3700-3800)A	30	70	651000	189@0	CP_QPSK	16.76	18.58

DC_13A-n78(3700-3800)A	30	70	651000	95@47	CP_QPSK	16.68	18.50
DC_13A-n78(3700-3800)A	30	70	651000	1@1	CP_QPSK	16.94	18.76
DC_13A-n78(3700-3800)A	30	70	651000	1@187	CP_QPSK	16.77	18.59
DC_13A-n78(3700-3800)A	30	70	651000	189@0	CP_16QAM	16.77	18.59
DC_13A-n78(3700-3800)A	30	70	651000	95@47	CP_16QAM	16.79	18.61
DC_13A-n78(3700-3800)A	30	70	651000	1@1	CP_16QAM	17.18	19.00
DC_13A-n78(3700-3800)A	30	70	651000	1@187	CP_16QAM	16.93	18.75
DC_13A-n78(3700-3800)A	30	70	651000	189@0	CP_64QAM	16.86	18.68
DC_13A-n78(3700-3800)A	30	70	651000	95@47	CP_64QAM	16.85	18.67
DC_13A-n78(3700-3800)A	30	70	651000	1@1	CP_64QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	70	651000	1@187	CP_64QAM	16.89	18.71
DC_13A-n78(3700-3800)A	30	70	651000	189@0	CP_256QAM	13.88	15.70
DC_13A-n78(3700-3800)A	30	70	651000	95@47	CP_256QAM	14.09	15.91
DC_13A-n78(3700-3800)A	30	70	651000	1@1	CP_256QAM	13.99	15.81
DC_13A-n78(3700-3800)A	30	70	651000	1@187	CP_256QAM	13.84	15.66
DC_13A-n78(3700-3800)A	30	80	649334	216@0	DFT_BPSK	16.79	18.61
DC_13A-n78(3700-3800)A	30	80	649334	108@54	DFT_BPSK	16.80	18.62
DC_13A-n78(3700-3800)A	30	80	649334	1@1	DFT_BPSK	16.71	18.53
DC_13A-n78(3700-3800)A	30	80	649334	1@215	DFT_BPSK	16.57	18.39
DC_13A-n78(3700-3800)A	30	80	649334	216@0	DFT_QPSK	16.71	18.53
DC_13A-n78(3700-3800)A	30	80	649334	108@54	DFT_QPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	80	649334	1@1	DFT_QPSK	16.77	18.59

DC_13A-n78(3700-3800)A	30	80	649334	1@215	DFT_QPSK	16.57	18.39
DC_13A-n78(3700-3800)A	30	80	649334	216@0	DFT_16QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	80	649334	108@54	DFT_16QAM	16.89	18.71
DC_13A-n78(3700-3800)A	30	80	649334	1@1	DFT_16QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	80	649334	1@215	DFT_16QAM	16.85	18.67
DC_13A-n78(3700-3800)A	30	80	649334	216@0	DFT_64QAM	16.80	18.62
DC_13A-n78(3700-3800)A	30	80	649334	108@54	DFT_64QAM	16.71	18.53
DC_13A-n78(3700-3800)A	30	80	649334	1@1	DFT_64QAM	16.52	18.34
DC_13A-n78(3700-3800)A	30	80	649334	1@215	DFT_64QAM	16.60	18.42
DC_13A-n78(3700-3800)A	30	80	649334	216@0	DFT_256QAM	16.27	18.09
DC_13A-n78(3700-3800)A	30	80	649334	108@54	DFT_256QAM	16.32	18.14
DC_13A-n78(3700-3800)A	30	80	649334	1@1	DFT_256QAM	15.97	17.79
DC_13A-n78(3700-3800)A	30	80	649334	1@215	DFT_256QAM	15.84	17.66
DC_13A-n78(3700-3800)A	30	80	649334	217@0	CP_QPSK	16.69	18.51
DC_13A-n78(3700-3800)A	30	80	649334	109@54	CP_QPSK	16.86	18.68
DC_13A-n78(3700-3800)A	30	80	649334	1@1	CP_QPSK	16.86	18.68
DC_13A-n78(3700-3800)A	30	80	649334	1@215	CP_QPSK	16.64	18.46
DC_13A-n78(3700-3800)A	30	80	649334	217@0	CP_16QAM	16.88	18.70
DC_13A-n78(3700-3800)A	30	80	649334	109@54	CP_16QAM	16.88	18.70
DC_13A-n78(3700-3800)A	30	80	649334	1@1	CP_16QAM	16.93	18.75
DC_13A-n78(3700-3800)A	30	80	649334	1@215	CP_16QAM	16.67	18.49
DC_13A-n78(3700-3800)A	30	80	649334	217@0	CP_64QAM	16.80	18.62

DC_13A-n78(3700-3800)A	30	80	649334	109@54	CP_64QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	80	649334	1@1	CP_64QAM	16.76	18.58
DC_13A-n78(3700-3800)A	30	80	649334	1@215	CP_64QAM	16.57	18.39
DC_13A-n78(3700-3800)A	30	80	649334	217@0	CP_256QAM	13.95	15.77
DC_13A-n78(3700-3800)A	30	80	649334	109@54	CP_256QAM	13.94	15.76
DC_13A-n78(3700-3800)A	30	80	649334	1@1	CP_256QAM	13.74	15.56
DC_13A-n78(3700-3800)A	30	80	649334	1@215	CP_256QAM	13.67	15.49
DC_13A-n78(3700-3800)A	30	80	650000	216@0	DFT_BPSK	17.01	18.83
DC_13A-n78(3700-3800)A	30	80	650000	108@54	DFT_BPSK	16.92	18.74
DC_13A-n78(3700-3800)A	30	80	650000	1@1	DFT_BPSK	16.94	18.76
DC_13A-n78(3700-3800)A	30	80	650000	1@215	DFT_BPSK	16.54	18.36
DC_13A-n78(3700-3800)A	30	80	650000	216@0	DFT_QPSK	16.87	18.69
DC_13A-n78(3700-3800)A	30	80	650000	108@54	DFT_QPSK	16.89	18.71
DC_13A-n78(3700-3800)A	30	80	650000	1@1	DFT_QPSK	17.02	18.84
DC_13A-n78(3700-3800)A	30	80	650000	1@215	DFT_QPSK	16.66	18.48
DC_13A-n78(3700-3800)A	30	80	650000	216@0	DFT_16QAM	17.00	18.82
DC_13A-n78(3700-3800)A	30	80	650000	108@54	DFT_16QAM	16.96	18.78
DC_13A-n78(3700-3800)A	30	80	650000	1@1	DFT_16QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	80	650000	1@215	DFT_16QAM	16.69	18.51
DC_13A-n78(3700-3800)A	30	80	650000	216@0	DFT_64QAM	16.93	18.75
DC_13A-n78(3700-3800)A	30	80	650000	108@54	DFT_64QAM	16.84	18.66
DC_13A-n78(3700-3800)A	30	80	650000	1@1	DFT_64QAM	16.79	18.61

DC_13A-n78(3700-3800)A	30	80	650000	1@215	DFT_64QAM	16.54	18.36
DC_13A-n78(3700-3800)A	30	80	650000	216@0	DFT_256QAM	16.41	18.23
DC_13A-n78(3700-3800)A	30	80	650000	108@54	DFT_256QAM	16.27	18.09
DC_13A-n78(3700-3800)A	30	80	650000	1@1	DFT_256QAM	16.10	17.92
DC_13A-n78(3700-3800)A	30	80	650000	1@215	DFT_256QAM	15.98	17.80
DC_13A-n78(3700-3800)A	30	80	650000	217@0	CP_QPSK	16.79	18.61
DC_13A-n78(3700-3800)A	30	80	650000	109@54	CP_QPSK	16.86	18.68
DC_13A-n78(3700-3800)A	30	80	650000	1@1	CP_QPSK	16.97	18.79
DC_13A-n78(3700-3800)A	30	80	650000	1@215	CP_QPSK	16.70	18.52
DC_13A-n78(3700-3800)A	30	80	650000	217@0	CP_16QAM	16.96	18.78
DC_13A-n78(3700-3800)A	30	80	650000	109@54	CP_16QAM	16.85	18.67
DC_13A-n78(3700-3800)A	30	80	650000	1@1	CP_16QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	80	650000	1@215	CP_16QAM	16.87	18.69
DC_13A-n78(3700-3800)A	30	80	650000	217@0	CP_64QAM	16.80	18.62
DC_13A-n78(3700-3800)A	30	80	650000	109@54	CP_64QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	80	650000	1@1	CP_64QAM	16.89	18.71
DC_13A-n78(3700-3800)A	30	80	650000	1@215	CP_64QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	80	650000	217@0	CP_256QAM	14.18	16.00
DC_13A-n78(3700-3800)A	30	80	650000	109@54	CP_256QAM	14.15	15.97
DC_13A-n78(3700-3800)A	30	80	650000	1@1	CP_256QAM	14.07	15.89
DC_13A-n78(3700-3800)A	30	80	650000	1@215	CP_256QAM	13.73	15.55
DC_13A-n78(3700-3800)A	30	80	650666	216@0	DFT_BPSK	16.89	18.71

DC_13A-n78(3700-3800)A	30	80	650666	108@54	DFT_BPSK	16.92	18.74
DC_13A-n78(3700-3800)A	30	80	650666	1@1	DFT_BPSK	17.18	19.00
DC_13A-n78(3700-3800)A	30	80	650666	1@215	DFT_BPSK	16.67	18.49
DC_13A-n78(3700-3800)A	30	80	650666	216@0	DFT_QPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	80	650666	108@54	DFT_QPSK	16.91	18.73
DC_13A-n78(3700-3800)A	30	80	650666	1@1	DFT_QPSK	17.12	18.94
DC_13A-n78(3700-3800)A	30	80	650666	1@215	DFT_QPSK	16.80	18.62
DC_13A-n78(3700-3800)A	30	80	650666	216@0	DFT_16QAM	16.93	18.75
DC_13A-n78(3700-3800)A	30	80	650666	108@54	DFT_16QAM	16.87	18.69
DC_13A-n78(3700-3800)A	30	80	650666	1@1	DFT_16QAM	17.21	19.03
DC_13A-n78(3700-3800)A	30	80	650666	1@215	DFT_16QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	80	650666	216@0	DFT_64QAM	17.00	18.82
DC_13A-n78(3700-3800)A	30	80	650666	108@54	DFT_64QAM	16.79	18.61
DC_13A-n78(3700-3800)A	30	80	650666	1@1	DFT_64QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	80	650666	1@215	DFT_64QAM	16.57	18.39
DC_13A-n78(3700-3800)A	30	80	650666	216@0	DFT_256QAM	16.43	18.25
DC_13A-n78(3700-3800)A	30	80	650666	108@54	DFT_256QAM	16.21	18.03
DC_13A-n78(3700-3800)A	30	80	650666	1@1	DFT_256QAM	16.39	18.21
DC_13A-n78(3700-3800)A	30	80	650666	1@215	DFT_256QAM	15.83	17.65
DC_13A-n78(3700-3800)A	30	80	650666	217@0	CP_QPSK	16.88	18.70
DC_13A-n78(3700-3800)A	30	80	650666	109@54	CP_QPSK	16.80	18.62
DC_13A-n78(3700-3800)A	30	80	650666	1@1	CP_QPSK	17.16	18.98

DC_13A-n78(3700-3800)A	30	80	650666	1@215	CP_QPSK	16.72	18.54
DC_13A-n78(3700-3800)A	30	80	650666	217@0	CP_16QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	80	650666	109@54	CP_16QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	80	650666	1@1	CP_16QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	80	650666	1@215	CP_16QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	80	650666	217@0	CP_64QAM	16.91	18.73
DC_13A-n78(3700-3800)A	30	80	650666	109@54	CP_64QAM	16.79	18.61
DC_13A-n78(3700-3800)A	30	80	650666	1@1	CP_64QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	80	650666	1@215	CP_64QAM	16.69	18.51
DC_13A-n78(3700-3800)A	30	80	650666	217@0	CP_256QAM	14.06	15.88
DC_13A-n78(3700-3800)A	30	80	650666	109@54	CP_256QAM	14.06	15.88
DC_13A-n78(3700-3800)A	30	80	650666	1@1	CP_256QAM	14.07	15.89
DC_13A-n78(3700-3800)A	30	80	650666	1@215	CP_256QAM	13.75	15.57
DC_13A-n78(3700-3800)A	30	90	649668	240@0	DFT_BPSK	16.85	18.67
DC_13A-n78(3700-3800)A	30	90	649668	120@60	DFT_BPSK	16.87	18.69
DC_13A-n78(3700-3800)A	30	90	649668	1@1	DFT_BPSK	16.77	18.59
DC_13A-n78(3700-3800)A	30	90	649668	1@243	DFT_BPSK	16.70	18.52
DC_13A-n78(3700-3800)A	30	90	649668	240@0	DFT_QPSK	16.88	18.70
DC_13A-n78(3700-3800)A	30	90	649668	120@60	DFT_QPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	90	649668	1@1	DFT_QPSK	16.72	18.54
DC_13A-n78(3700-3800)A	30	90	649668	1@243	DFT_QPSK	16.76	18.58
DC_13A-n78(3700-3800)A	30	90	649668	240@0	DFT_16QAM	16.80	18.62

DC_13A-n78(3700-3800)A	30	90	649668	120@60	DFT_16QAM	16.86	18.68
DC_13A-n78(3700-3800)A	30	90	649668	1@1	DFT_16QAM	16.80	18.62
DC_13A-n78(3700-3800)A	30	90	649668	1@243	DFT_16QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	90	649668	240@0	DFT_64QAM	16.80	18.62
DC_13A-n78(3700-3800)A	30	90	649668	120@60	DFT_64QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	90	649668	1@1	DFT_64QAM	16.67	18.49
DC_13A-n78(3700-3800)A	30	90	649668	1@243	DFT_64QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	90	649668	240@0	DFT_256QAM	16.25	18.07
DC_13A-n78(3700-3800)A	30	90	649668	120@60	DFT_256QAM	16.30	18.12
DC_13A-n78(3700-3800)A	30	90	649668	1@1	DFT_256QAM	15.84	17.66
DC_13A-n78(3700-3800)A	30	90	649668	1@243	DFT_256QAM	16.05	17.87
DC_13A-n78(3700-3800)A	30	90	649668	245@0	CP_QPSK	16.73	18.55
DC_13A-n78(3700-3800)A	30	90	649668	123@61	CP_QPSK	16.89	18.71
DC_13A-n78(3700-3800)A	30	90	649668	1@1	CP_QPSK	16.75	18.57
DC_13A-n78(3700-3800)A	30	90	649668	1@243	CP_QPSK	16.92	18.74
DC_13A-n78(3700-3800)A	30	90	649668	245@0	CP_16QAM	16.79	18.61
DC_13A-n78(3700-3800)A	30	90	649668	123@61	CP_16QAM	16.93	18.75
DC_13A-n78(3700-3800)A	30	90	649668	1@1	CP_16QAM	16.86	18.68
DC_13A-n78(3700-3800)A	30	90	649668	1@243	CP_16QAM	16.85	18.67
DC_13A-n78(3700-3800)A	30	90	649668	245@0	CP_64QAM	16.92	18.74
DC_13A-n78(3700-3800)A	30	90	649668	123@61	CP_64QAM	16.73	18.55
DC_13A-n78(3700-3800)A	30	90	649668	1@1	CP_64QAM	16.73	18.55

DC_13A-n78(3700-3800)A	30	90	649668	1@243	CP_64QAM	16.80	18.62
DC_13A-n78(3700-3800)A	30	90	649668	245@0	CP_256QAM	14.04	15.86
DC_13A-n78(3700-3800)A	30	90	649668	123@61	CP_256QAM	14.02	15.84
DC_13A-n78(3700-3800)A	30	90	649668	1@1	CP_256QAM	13.76	15.58
DC_13A-n78(3700-3800)A	30	90	649668	1@243	CP_256QAM	13.84	15.66
DC_13A-n78(3700-3800)A	30	90	650000	240@0	DFT_BPSK	16.93	18.75
DC_13A-n78(3700-3800)A	30	90	650000	120@60	DFT_BPSK	16.89	18.71
DC_13A-n78(3700-3800)A	30	90	650000	1@1	DFT_BPSK	16.85	18.67
DC_13A-n78(3700-3800)A	30	90	650000	1@243	DFT_BPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	90	650000	240@0	DFT_QPSK	16.95	18.77
DC_13A-n78(3700-3800)A	30	90	650000	120@60	DFT_QPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	90	650000	1@1	DFT_QPSK	16.97	18.79
DC_13A-n78(3700-3800)A	30	90	650000	1@243	DFT_QPSK	16.82	18.64
DC_13A-n78(3700-3800)A	30	90	650000	240@0	DFT_16QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	90	650000	120@60	DFT_16QAM	16.94	18.76
DC_13A-n78(3700-3800)A	30	90	650000	1@1	DFT_16QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	90	650000	1@243	DFT_16QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	90	650000	240@0	DFT_64QAM	16.89	18.71
DC_13A-n78(3700-3800)A	30	90	650000	120@60	DFT_64QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	90	650000	1@1	DFT_64QAM	16.73	18.55
DC_13A-n78(3700-3800)A	30	90	650000	1@243	DFT_64QAM	16.48	18.30
DC_13A-n78(3700-3800)A	30	90	650000	240@0	DFT_256QAM	16.28	18.10

DC_13A-n78(3700-3800)A	30	90	650000	120@60	DFT_256QAM	16.35	18.17
DC_13A-n78(3700-3800)A	30	90	650000	1@1	DFT_256QAM	16.05	17.87
DC_13A-n78(3700-3800)A	30	90	650000	1@243	DFT_256QAM	15.95	17.77
DC_13A-n78(3700-3800)A	30	90	650000	245@0	CP_QPSK	17.01	18.83
DC_13A-n78(3700-3800)A	30	90	650000	123@61	CP_QPSK	16.93	18.75
DC_13A-n78(3700-3800)A	30	90	650000	1@1	CP_QPSK	17.03	18.85
DC_13A-n78(3700-3800)A	30	90	650000	1@243	CP_QPSK	16.64	18.46
DC_13A-n78(3700-3800)A	30	90	650000	245@0	CP_16QAM	16.89	18.71
DC_13A-n78(3700-3800)A	30	90	650000	123@61	CP_16QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	90	650000	1@1	CP_16QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	90	650000	1@243	CP_16QAM	16.70	18.52
DC_13A-n78(3700-3800)A	30	90	650000	245@0	CP_64QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	90	650000	123@61	CP_64QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	90	650000	1@1	CP_64QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	90	650000	1@243	CP_64QAM	16.76	18.58
DC_13A-n78(3700-3800)A	30	90	650000	245@0	CP_256QAM	14.20	16.02
DC_13A-n78(3700-3800)A	30	90	650000	123@61	CP_256QAM	13.98	15.80
DC_13A-n78(3700-3800)A	30	90	650000	1@1	CP_256QAM	13.89	15.71
DC_13A-n78(3700-3800)A	30	90	650000	1@243	CP_256QAM	13.67	15.49
DC_13A-n78(3700-3800)A	30	90	650332	240@0	DFT_BPSK	17.05	18.87
DC_13A-n78(3700-3800)A	30	90	650332	120@60	DFT_BPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	90	650332	1@1	DFT_BPSK	17.13	18.95

DC_13A-n78(3700-3800)A	30	90	650332	1@243	DFT_BPSK	16.72	18.54
DC_13A-n78(3700-3800)A	30	90	650332	240@0	DFT_QPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	90	650332	120@60	DFT_QPSK	17.04	18.86
DC_13A-n78(3700-3800)A	30	90	650332	1@1	DFT_QPSK	17.14	18.96
DC_13A-n78(3700-3800)A	30	90	650332	1@243	DFT_QPSK	16.70	18.52
DC_13A-n78(3700-3800)A	30	90	650332	240@0	DFT_16QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	90	650332	120@60	DFT_16QAM	17.07	18.89
DC_13A-n78(3700-3800)A	30	90	650332	1@1	DFT_16QAM	17.26	19.08
DC_13A-n78(3700-3800)A	30	90	650332	1@243	DFT_16QAM	16.82	18.64
DC_13A-n78(3700-3800)A	30	90	650332	240@0	DFT_64QAM	17.00	18.82
DC_13A-n78(3700-3800)A	30	90	650332	120@60	DFT_64QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	90	650332	1@1	DFT_64QAM	17.03	18.85
DC_13A-n78(3700-3800)A	30	90	650332	1@243	DFT_64QAM	16.64	18.46
DC_13A-n78(3700-3800)A	30	90	650332	240@0	DFT_256QAM	16.61	18.43
DC_13A-n78(3700-3800)A	30	90	650332	120@60	DFT_256QAM	16.43	18.25
DC_13A-n78(3700-3800)A	30	90	650332	1@1	DFT_256QAM	16.28	18.10
DC_13A-n78(3700-3800)A	30	90	650332	1@243	DFT_256QAM	15.94	17.76
DC_13A-n78(3700-3800)A	30	90	650332	245@0	CP_QPSK	16.98	18.80
DC_13A-n78(3700-3800)A	30	90	650332	123@61	CP_QPSK	17.10	18.92
DC_13A-n78(3700-3800)A	30	90	650332	1@1	CP_QPSK	17.23	19.05
DC_13A-n78(3700-3800)A	30	90	650332	1@243	CP_QPSK	16.80	18.62
DC_13A-n78(3700-3800)A	30	90	650332	245@0	CP_16QAM	16.95	18.77

DC_13A-n78(3700-3800)A	30	90	650332	123@61	CP_16QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	90	650332	1@1	CP_16QAM	17.11	18.93
DC_13A-n78(3700-3800)A	30	90	650332	1@243	CP_16QAM	16.88	18.70
DC_13A-n78(3700-3800)A	30	90	650332	245@0	CP_64QAM	16.95	18.77
DC_13A-n78(3700-3800)A	30	90	650332	123@61	CP_64QAM	17.05	18.87
DC_13A-n78(3700-3800)A	30	90	650332	1@1	CP_64QAM	17.14	18.96
DC_13A-n78(3700-3800)A	30	90	650332	1@243	CP_64QAM	16.80	18.62
DC_13A-n78(3700-3800)A	30	90	650332	245@0	CP_256QAM	14.06	15.88
DC_13A-n78(3700-3800)A	30	90	650332	123@61	CP_256QAM	14.02	15.84
DC_13A-n78(3700-3800)A	30	90	650332	1@1	CP_256QAM	14.27	16.09
DC_13A-n78(3700-3800)A	30	90	650332	1@243	CP_256QAM	13.72	15.54
DC_13A-n78(3700-3800)A	30	100	650000	270@0	DFT_BPSK	16.89	18.71
DC_13A-n78(3700-3800)A	30	100	650000	135@67	DFT_BPSK	16.93	18.75
DC_13A-n78(3700-3800)A	30	100	650000	1@1	DFT_BPSK	16.77	18.59
DC_13A-n78(3700-3800)A	30	100	650000	1@271	DFT_BPSK	16.64	18.46
DC_13A-n78(3700-3800)A	30	100	650000	270@0	DFT_QPSK	16.84	18.66
DC_13A-n78(3700-3800)A	30	100	650000	135@67	DFT_QPSK	16.92	18.74
DC_13A-n78(3700-3800)A	30	100	650000	1@1	DFT_QPSK	16.88	18.70
DC_13A-n78(3700-3800)A	30	100	650000	1@271	DFT_QPSK	16.78	18.60
DC_13A-n78(3700-3800)A	30	100	650000	270@0	DFT_16QAM	16.88	18.70
DC_13A-n78(3700-3800)A	30	100	650000	135@67	DFT_16QAM	16.93	18.75
DC_13A-n78(3700-3800)A	30	100	650000	1@1	DFT_16QAM	16.87	18.69

DC_13A-n78(3700-3800)A	30	100	650000	1@271	DFT_16QAM	16.80	18.62
DC_13A-n78(3700-3800)A	30	100	650000	270@0	DFT_64QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	100	650000	135@67	DFT_64QAM	17.01	18.83
DC_13A-n78(3700-3800)A	30	100	650000	1@1	DFT_64QAM	16.63	18.45
DC_13A-n78(3700-3800)A	30	100	650000	1@271	DFT_64QAM	16.48	18.30
DC_13A-n78(3700-3800)A	30	100	650000	270@0	DFT_256QAM	16.32	18.14
DC_13A-n78(3700-3800)A	30	100	650000	135@67	DFT_256QAM	16.36	18.18
DC_13A-n78(3700-3800)A	30	100	650000	1@1	DFT_256QAM	16.13	17.95
DC_13A-n78(3700-3800)A	30	100	650000	1@271	DFT_256QAM	15.94	17.76
DC_13A-n78(3700-3800)A	30	100	650000	273@0	CP_QPSK	16.97	18.79
DC_13A-n78(3700-3800)A	30	100	650000	137@68	CP_QPSK	17.02	18.84
DC_13A-n78(3700-3800)A	30	100	650000	1@1	CP_QPSK	16.78	18.60
DC_13A-n78(3700-3800)A	30	100	650000	1@271	CP_QPSK	16.68	18.50
DC_13A-n78(3700-3800)A	30	100	650000	273@0	CP_16QAM	16.80	18.62
DC_13A-n78(3700-3800)A	30	100	650000	137@68	CP_16QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	100	650000	1@1	CP_16QAM	16.89	18.71
DC_13A-n78(3700-3800)A	30	100	650000	1@271	CP_16QAM	16.97	18.79
DC_13A-n78(3700-3800)A	30	100	650000	273@0	CP_64QAM	16.98	18.80
DC_13A-n78(3700-3800)A	30	100	650000	137@68	CP_64QAM	17.02	18.84
DC_13A-n78(3700-3800)A	30	100	650000	1@1	CP_64QAM	16.92	18.74
DC_13A-n78(3700-3800)A	30	100	650000	1@271	CP_64QAM	16.75	18.57
DC_13A-n78(3700-3800)A	30	100	650000	273@0	CP_256QAM	14.02	15.84

DC_13A-n78(3700-3800)A	30	100	650000	137@68	CP_256QAM	14.08	15.90
DC_13A-n78(3700-3800)A	30	100	650000	1@1	CP_256QAM	13.78	15.60
DC_13A-n78(3700-3800)A	30	100	650000	1@271	CP_256QAM	13.67	15.49

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)
DC_25A-n78(3700-3800)A	30	20	647334	50@0	DFT_BPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	20	647334	25@12	DFT_BPSK	17.11	18.93
DC_25A-n78(3700-3800)A	30	20	647334	1@1	DFT_BPSK	17.07	18.89
DC_25A-n78(3700-3800)A	30	20	647334	1@49	DFT_BPSK	17.23	19.05
DC_25A-n78(3700-3800)A	30	20	647334	50@0	DFT_QPSK	17.12	18.94
DC_25A-n78(3700-3800)A	30	20	647334	25@12	DFT_QPSK	17.17	18.99
DC_25A-n78(3700-3800)A	30	20	647334	1@1	DFT_QPSK	17.00	18.82
DC_25A-n78(3700-3800)A	30	20	647334	1@49	DFT_QPSK	17.12	18.94
DC_25A-n78(3700-3800)A	30	20	647334	50@0	DFT_16QAM	17.18	19.00
DC_25A-n78(3700-3800)A	30	20	647334	25@12	DFT_16QAM	17.11	18.93
DC_25A-n78(3700-3800)A	30	20	647334	1@1	DFT_16QAM	17.20	19.02
DC_25A-n78(3700-3800)A	30	20	647334	1@49	DFT_16QAM	17.34	19.16
DC_25A-n78(3700-3800)A	30	20	647334	50@0	DFT_64QAM	17.22	19.04
DC_25A-n78(3700-3800)A	30	20	647334	25@12	DFT_64QAM	16.97	18.79
DC_25A-n78(3700-3800)A	30	20	647334	1@1	DFT_64QAM	16.85	18.67
DC_25A-n78(3700-3800)A	30	20	647334	1@49	DFT_64QAM	17.13	18.95
DC_25A-n78(3700-3800)A	30	20	647334	50@0	DFT_256QAM	16.53	18.35

DC_25A-n78(3700-3800)A	30	20	647334	25@12	DFT_256QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	20	647334	1@1	DFT_256QAM	16.29	18.11
DC_25A-n78(3700-3800)A	30	20	647334	1@49	DFT_256QAM	16.57	18.39
DC_25A-n78(3700-3800)A	30	20	647334	51@0	CP_QPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	20	647334	25@12	CP_QPSK	17.04	18.86
DC_25A-n78(3700-3800)A	30	20	647334	1@1	CP_QPSK	17.16	18.98
DC_25A-n78(3700-3800)A	30	20	647334	1@49	CP_QPSK	17.11	18.93
DC_25A-n78(3700-3800)A	30	20	647334	51@0	CP_16QAM	17.20	19.02
DC_25A-n78(3700-3800)A	30	20	647334	25@12	CP_16QAM	17.19	19.01
DC_25A-n78(3700-3800)A	30	20	647334	1@1	CP_16QAM	17.22	19.04
DC_25A-n78(3700-3800)A	30	20	647334	1@49	CP_16QAM	17.23	19.05
DC_25A-n78(3700-3800)A	30	20	647334	51@0	CP_64QAM	16.96	18.78
DC_25A-n78(3700-3800)A	30	20	647334	25@12	CP_64QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	20	647334	1@1	CP_64QAM	17.09	18.91
DC_25A-n78(3700-3800)A	30	20	647334	1@49	CP_64QAM	17.29	19.11
DC_25A-n78(3700-3800)A	30	20	647334	51@0	CP_256QAM	14.31	16.13
DC_25A-n78(3700-3800)A	30	20	647334	25@12	CP_256QAM	14.31	16.13
DC_25A-n78(3700-3800)A	30	20	647334	1@1	CP_256QAM	14.09	15.91
DC_25A-n78(3700-3800)A	30	20	647334	1@49	CP_256QAM	14.10	15.92
DC_25A-n78(3700-3800)A	30	20	650000	50@0	DFT_BPSK	17.21	19.03
DC_25A-n78(3700-3800)A	30	20	650000	25@12	DFT_BPSK	17.19	19.01
DC_25A-n78(3700-3800)A	30	20	650000	1@1	DFT_BPSK	17.39	19.21

DC_25A-n78(3700-3800)A	30	20	650000	1@49	DFT_BPSK	17.16	18.98
DC_25A-n78(3700-3800)A	30	20	650000	50@0	DFT_QPSK	17.13	18.95
DC_25A-n78(3700-3800)A	30	20	650000	25@12	DFT_QPSK	17.04	18.86
DC_25A-n78(3700-3800)A	30	20	650000	1@1	DFT_QPSK	17.36	19.18
DC_25A-n78(3700-3800)A	30	20	650000	1@49	DFT_QPSK	17.14	18.96
DC_25A-n78(3700-3800)A	30	20	650000	50@0	DFT_16QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	20	650000	25@12	DFT_16QAM	17.09	18.91
DC_25A-n78(3700-3800)A	30	20	650000	1@1	DFT_16QAM	17.39	19.21
DC_25A-n78(3700-3800)A	30	20	650000	1@49	DFT_16QAM	17.21	19.03
DC_25A-n78(3700-3800)A	30	20	650000	50@0	DFT_64QAM	17.14	18.96
DC_25A-n78(3700-3800)A	30	20	650000	25@12	DFT_64QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	20	650000	1@1	DFT_64QAM	17.22	19.04
DC_25A-n78(3700-3800)A	30	20	650000	1@49	DFT_64QAM	16.97	18.79
DC_25A-n78(3700-3800)A	30	20	650000	50@0	DFT_256QAM	16.66	18.48
DC_25A-n78(3700-3800)A	30	20	650000	25@12	DFT_256QAM	16.75	18.57
DC_25A-n78(3700-3800)A	30	20	650000	1@1	DFT_256QAM	16.63	18.45
DC_25A-n78(3700-3800)A	30	20	650000	1@49	DFT_256QAM	16.34	18.16
DC_25A-n78(3700-3800)A	30	20	650000	51@0	CP_QPSK	17.18	19.00
DC_25A-n78(3700-3800)A	30	20	650000	25@12	CP_QPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	20	650000	1@1	CP_QPSK	17.36	19.18
DC_25A-n78(3700-3800)A	30	20	650000	1@49	CP_QPSK	17.27	19.09
DC_25A-n78(3700-3800)A	30	20	650000	51@0	CP_16QAM	17.19	19.01

DC_25A-n78(3700-3800)A	30	20	650000	25@12	CP_16QAM	17.23	19.05
DC_25A-n78(3700-3800)A	30	20	650000	1@1	CP_16QAM	17.41	19.23
DC_25A-n78(3700-3800)A	30	20	650000	1@49	CP_16QAM	17.23	19.05
DC_25A-n78(3700-3800)A	30	20	650000	51@0	CP_64QAM	17.25	19.07
DC_25A-n78(3700-3800)A	30	20	650000	25@12	CP_64QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	20	650000	1@1	CP_64QAM	17.45	19.27
DC_25A-n78(3700-3800)A	30	20	650000	1@49	CP_64QAM	17.23	19.05
DC_25A-n78(3700-3800)A	30	20	650000	51@0	CP_256QAM	14.29	16.11
DC_25A-n78(3700-3800)A	30	20	650000	25@12	CP_256QAM	14.38	16.20
DC_25A-n78(3700-3800)A	30	20	650000	1@1	CP_256QAM	14.30	16.12
DC_25A-n78(3700-3800)A	30	20	650000	1@49	CP_256QAM	13.98	15.80
DC_25A-n78(3700-3800)A	30	20	652666	50@0	DFT_BPSK	17.14	18.96
DC_25A-n78(3700-3800)A	30	20	652666	25@12	DFT_BPSK	17.25	19.07
DC_25A-n78(3700-3800)A	30	20	652666	1@1	DFT_BPSK	17.23	19.05
DC_25A-n78(3700-3800)A	30	20	652666	1@49	DFT_BPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	20	652666	50@0	DFT_QPSK	17.25	19.07
DC_25A-n78(3700-3800)A	30	20	652666	25@12	DFT_QPSK	17.20	19.02
DC_25A-n78(3700-3800)A	30	20	652666	1@1	DFT_QPSK	17.19	19.01
DC_25A-n78(3700-3800)A	30	20	652666	1@49	DFT_QPSK	17.02	18.84
DC_25A-n78(3700-3800)A	30	20	652666	50@0	DFT_16QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	20	652666	25@12	DFT_16QAM	17.16	18.98
DC_25A-n78(3700-3800)A	30	20	652666	1@1	DFT_16QAM	17.25	19.07

DC_25A-n78(3700-3800)A	30	20	652666	1@49	DFT_16QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	20	652666	50@0	DFT_64QAM	17.23	19.05
DC_25A-n78(3700-3800)A	30	20	652666	25@12	DFT_64QAM	17.16	18.98
DC_25A-n78(3700-3800)A	30	20	652666	1@1	DFT_64QAM	17.14	18.96
DC_25A-n78(3700-3800)A	30	20	652666	1@49	DFT_64QAM	16.94	18.76
DC_25A-n78(3700-3800)A	30	20	652666	50@0	DFT_256QAM	16.62	18.44
DC_25A-n78(3700-3800)A	30	20	652666	25@12	DFT_256QAM	16.77	18.59
DC_25A-n78(3700-3800)A	30	20	652666	1@1	DFT_256QAM	16.32	18.14
DC_25A-n78(3700-3800)A	30	20	652666	1@49	DFT_256QAM	16.32	18.14
DC_25A-n78(3700-3800)A	30	20	652666	51@0	CP_QPSK	17.22	19.04
DC_25A-n78(3700-3800)A	30	20	652666	25@12	CP_QPSK	17.09	18.91
DC_25A-n78(3700-3800)A	30	20	652666	1@1	CP_QPSK	17.27	19.09
DC_25A-n78(3700-3800)A	30	20	652666	1@49	CP_QPSK	17.07	18.89
DC_25A-n78(3700-3800)A	30	20	652666	51@0	CP_16QAM	17.03	18.85
DC_25A-n78(3700-3800)A	30	20	652666	25@12	CP_16QAM	17.21	19.03
DC_25A-n78(3700-3800)A	30	20	652666	1@1	CP_16QAM	17.29	19.11
DC_25A-n78(3700-3800)A	30	20	652666	1@49	CP_16QAM	17.19	19.01
DC_25A-n78(3700-3800)A	30	20	652666	51@0	CP_64QAM	17.09	18.91
DC_25A-n78(3700-3800)A	30	20	652666	25@12	CP_64QAM	17.01	18.83
DC_25A-n78(3700-3800)A	30	20	652666	1@1	CP_64QAM	17.42	19.24
DC_25A-n78(3700-3800)A	30	20	652666	1@49	CP_64QAM	17.16	18.98
DC_25A-n78(3700-3800)A	30	20	652666	51@0	CP_256QAM	14.26	16.08

DC_25A-n78(3700-3800)A	30	20	652666	25@12	CP_256QAM	14.38	16.20
DC_25A-n78(3700-3800)A	30	20	652666	1@1	CP_256QAM	14.18	16.00
DC_25A-n78(3700-3800)A	30	20	652666	1@49	CP_256QAM	14.11	15.93
DC_25A-n78(3700-3800)A	30	30	647668	75@0	DFT_BPSK	16.88	18.70
DC_25A-n78(3700-3800)A	30	30	647668	36@18	DFT_BPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	30	647668	1@1	DFT_BPSK	16.64	18.46
DC_25A-n78(3700-3800)A	30	30	647668	1@76	DFT_BPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	30	647668	75@0	DFT_QPSK	16.76	18.58
DC_25A-n78(3700-3800)A	30	30	647668	36@18	DFT_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	30	647668	1@1	DFT_QPSK	16.64	18.46
DC_25A-n78(3700-3800)A	30	30	647668	1@76	DFT_QPSK	16.85	18.67
DC_25A-n78(3700-3800)A	30	30	647668	75@0	DFT_16QAM	16.67	18.49
DC_25A-n78(3700-3800)A	30	30	647668	36@18	DFT_16QAM	16.78	18.60
DC_25A-n78(3700-3800)A	30	30	647668	1@1	DFT_16QAM	16.79	18.61
DC_25A-n78(3700-3800)A	30	30	647668	1@76	DFT_16QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	30	647668	75@0	DFT_64QAM	16.64	18.46
DC_25A-n78(3700-3800)A	30	30	647668	36@18	DFT_64QAM	16.75	18.57
DC_25A-n78(3700-3800)A	30	30	647668	1@1	DFT_64QAM	16.50	18.32
DC_25A-n78(3700-3800)A	30	30	647668	1@76	DFT_64QAM	16.71	18.53
DC_25A-n78(3700-3800)A	30	30	647668	75@0	DFT_256QAM	16.36	18.18
DC_25A-n78(3700-3800)A	30	30	647668	36@18	DFT_256QAM	16.32	18.14
DC_25A-n78(3700-3800)A	30	30	647668	1@1	DFT_256QAM	15.91	17.73

DC_25A-n78(3700-3800)A	30	30	647668	1@76	DFT_256QAM	16.21	18.03
DC_25A-n78(3700-3800)A	30	30	647668	78@0	CP_QPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	30	647668	39@19	CP_QPSK	16.79	18.61
DC_25A-n78(3700-3800)A	30	30	647668	1@1	CP_QPSK	16.63	18.45
DC_25A-n78(3700-3800)A	30	30	647668	1@76	CP_QPSK	16.93	18.75
DC_25A-n78(3700-3800)A	30	30	647668	78@0	CP_16QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	30	647668	39@19	CP_16QAM	16.79	18.61
DC_25A-n78(3700-3800)A	30	30	647668	1@1	CP_16QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	30	647668	1@76	CP_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	30	647668	78@0	CP_64QAM	16.79	18.61
DC_25A-n78(3700-3800)A	30	30	647668	39@19	CP_64QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	30	647668	1@1	CP_64QAM	16.54	18.36
DC_25A-n78(3700-3800)A	30	30	647668	1@76	CP_64QAM	17.02	18.84
DC_25A-n78(3700-3800)A	30	30	647668	78@0	CP_256QAM	14.05	15.87
DC_25A-n78(3700-3800)A	30	30	647668	39@19	CP_256QAM	14.03	15.85
DC_25A-n78(3700-3800)A	30	30	647668	1@1	CP_256QAM	13.48	15.30
DC_25A-n78(3700-3800)A	30	30	647668	1@76	CP_256QAM	13.73	15.55
DC_25A-n78(3700-3800)A	30	30	650000	75@0	DFT_BPSK	16.91	18.73
DC_25A-n78(3700-3800)A	30	30	650000	36@18	DFT_BPSK	16.85	18.67
DC_25A-n78(3700-3800)A	30	30	650000	1@1	DFT_BPSK	16.79	18.61
DC_25A-n78(3700-3800)A	30	30	650000	1@76	DFT_BPSK	16.73	18.55
DC_25A-n78(3700-3800)A	30	30	650000	75@0	DFT_QPSK	16.82	18.64

DC_25A-n78(3700-3800)A	30	30	650000	36@18	DFT_QPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	30	650000	1@1	DFT_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	30	650000	1@76	DFT_QPSK	16.85	18.67
DC_25A-n78(3700-3800)A	30	30	650000	75@0	DFT_16QAM	16.84	18.66
DC_25A-n78(3700-3800)A	30	30	650000	36@18	DFT_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	30	650000	1@1	DFT_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	30	650000	1@76	DFT_16QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	30	650000	75@0	DFT_64QAM	16.69	18.51
DC_25A-n78(3700-3800)A	30	30	650000	36@18	DFT_64QAM	16.91	18.73
DC_25A-n78(3700-3800)A	30	30	650000	1@1	DFT_64QAM	16.76	18.58
DC_25A-n78(3700-3800)A	30	30	650000	1@76	DFT_64QAM	16.68	18.50
DC_25A-n78(3700-3800)A	30	30	650000	75@0	DFT_256QAM	16.42	18.24
DC_25A-n78(3700-3800)A	30	30	650000	36@18	DFT_256QAM	16.39	18.21
DC_25A-n78(3700-3800)A	30	30	650000	1@1	DFT_256QAM	16.07	17.89
DC_25A-n78(3700-3800)A	30	30	650000	1@76	DFT_256QAM	15.82	17.64
DC_25A-n78(3700-3800)A	30	30	650000	78@0	CP_QPSK	16.79	18.61
DC_25A-n78(3700-3800)A	30	30	650000	39@19	CP_QPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	30	650000	1@1	CP_QPSK	16.89	18.71
DC_25A-n78(3700-3800)A	30	30	650000	1@76	CP_QPSK	16.72	18.54
DC_25A-n78(3700-3800)A	30	30	650000	78@0	CP_16QAM	16.85	18.67
DC_25A-n78(3700-3800)A	30	30	650000	39@19	CP_16QAM	16.85	18.67
DC_25A-n78(3700-3800)A	30	30	650000	1@1	CP_16QAM	16.93	18.75

DC_25A-n78(3700-3800)A	30	30	650000	1@76	CP_16QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	30	650000	78@0	CP_64QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	30	650000	39@19	CP_64QAM	16.86	18.68
DC_25A-n78(3700-3800)A	30	30	650000	1@1	CP_64QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	30	650000	1@76	CP_64QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	30	650000	78@0	CP_256QAM	14.06	15.88
DC_25A-n78(3700-3800)A	30	30	650000	39@19	CP_256QAM	13.94	15.76
DC_25A-n78(3700-3800)A	30	30	650000	1@1	CP_256QAM	13.90	15.72
DC_25A-n78(3700-3800)A	30	30	650000	1@76	CP_256QAM	13.72	15.54
DC_25A-n78(3700-3800)A	30	30	652332	75@0	DFT_BPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	30	652332	36@18	DFT_BPSK	17.07	18.89
DC_25A-n78(3700-3800)A	30	30	652332	1@1	DFT_BPSK	17.17	18.99
DC_25A-n78(3700-3800)A	30	30	652332	1@76	DFT_BPSK	17.03	18.85
DC_25A-n78(3700-3800)A	30	30	652332	75@0	DFT_QPSK	17.12	18.94
DC_25A-n78(3700-3800)A	30	30	652332	36@18	DFT_QPSK	17.14	18.96
DC_25A-n78(3700-3800)A	30	30	652332	1@1	DFT_QPSK	17.26	19.08
DC_25A-n78(3700-3800)A	30	30	652332	1@76	DFT_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	30	652332	75@0	DFT_16QAM	17.20	19.02
DC_25A-n78(3700-3800)A	30	30	652332	36@18	DFT_16QAM	17.17	18.99
DC_25A-n78(3700-3800)A	30	30	652332	1@1	DFT_16QAM	17.35	19.17
DC_25A-n78(3700-3800)A	30	30	652332	1@76	DFT_16QAM	17.21	19.03
DC_25A-n78(3700-3800)A	30	30	652332	75@0	DFT_64QAM	17.22	19.04

DC_25A-n78(3700-3800)A	30	30	652332	36@18	DFT_64QAM	17.22	19.04
DC_25A-n78(3700-3800)A	30	30	652332	1@1	DFT_64QAM	17.09	18.91
DC_25A-n78(3700-3800)A	30	30	652332	1@76	DFT_64QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	30	652332	75@0	DFT_256QAM	16.59	18.41
DC_25A-n78(3700-3800)A	30	30	652332	36@18	DFT_256QAM	16.68	18.50
DC_25A-n78(3700-3800)A	30	30	652332	1@1	DFT_256QAM	16.38	18.20
DC_25A-n78(3700-3800)A	30	30	652332	1@76	DFT_256QAM	16.32	18.14
DC_25A-n78(3700-3800)A	30	30	652332	78@0	CP_QPSK	17.12	18.94
DC_25A-n78(3700-3800)A	30	30	652332	39@19	CP_QPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	30	652332	1@1	CP_QPSK	17.19	19.01
DC_25A-n78(3700-3800)A	30	30	652332	1@76	CP_QPSK	17.13	18.95
DC_25A-n78(3700-3800)A	30	30	652332	78@0	CP_16QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	30	652332	39@19	CP_16QAM	17.12	18.94
DC_25A-n78(3700-3800)A	30	30	652332	1@1	CP_16QAM	17.13	18.95
DC_25A-n78(3700-3800)A	30	30	652332	1@76	CP_16QAM	17.00	18.82
DC_25A-n78(3700-3800)A	30	30	652332	78@0	CP_64QAM	17.10	18.92
DC_25A-n78(3700-3800)A	30	30	652332	39@19	CP_64QAM	17.23	19.05
DC_25A-n78(3700-3800)A	30	30	652332	1@1	CP_64QAM	17.29	19.11
DC_25A-n78(3700-3800)A	30	30	652332	1@76	CP_64QAM	17.02	18.84
DC_25A-n78(3700-3800)A	30	30	652332	78@0	CP_256QAM	14.29	16.11
DC_25A-n78(3700-3800)A	30	30	652332	39@19	CP_256QAM	14.23	16.05
DC_25A-n78(3700-3800)A	30	30	652332	1@1	CP_256QAM	14.13	15.95

DC_25A-n78(3700-3800)A	30	30	652332	1@76	CP_256QAM	14.00	15.82
DC_25A-n78(3700-3800)A	30	40	648000	100@0	DFT_BPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	40	648000	50@25	DFT_BPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	40	648000	1@1	DFT_BPSK	16.86	18.68
DC_25A-n78(3700-3800)A	30	40	648000	1@104	DFT_BPSK	16.85	18.67
DC_25A-n78(3700-3800)A	30	40	648000	100@0	DFT_QPSK	17.01	18.83
DC_25A-n78(3700-3800)A	30	40	648000	50@25	DFT_QPSK	16.95	18.77
DC_25A-n78(3700-3800)A	30	40	648000	1@1	DFT_QPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	40	648000	1@104	DFT_QPSK	16.91	18.73
DC_25A-n78(3700-3800)A	30	40	648000	100@0	DFT_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	40	648000	50@25	DFT_16QAM	17.02	18.84
DC_25A-n78(3700-3800)A	30	40	648000	1@1	DFT_16QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	40	648000	1@104	DFT_16QAM	17.10	18.92
DC_25A-n78(3700-3800)A	30	40	648000	100@0	DFT_64QAM	17.00	18.82
DC_25A-n78(3700-3800)A	30	40	648000	50@25	DFT_64QAM	17.09	18.91
DC_25A-n78(3700-3800)A	30	40	648000	1@1	DFT_64QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	40	648000	1@104	DFT_64QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	40	648000	100@0	DFT_256QAM	16.48	18.30
DC_25A-n78(3700-3800)A	30	40	648000	50@25	DFT_256QAM	16.36	18.18
DC_25A-n78(3700-3800)A	30	40	648000	1@1	DFT_256QAM	16.18	18.00
DC_25A-n78(3700-3800)A	30	40	648000	1@104	DFT_256QAM	16.00	17.82
DC_25A-n78(3700-3800)A	30	40	648000	106@0	CP_QPSK	16.88	18.70

DC_25A-n78(3700-3800)A	30	40	648000	53@26	CP_QPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	40	648000	1@1	CP_QPSK	16.95	18.77
DC_25A-n78(3700-3800)A	30	40	648000	1@104	CP_QPSK	16.93	18.75
DC_25A-n78(3700-3800)A	30	40	648000	106@0	CP_16QAM	16.96	18.78
DC_25A-n78(3700-3800)A	30	40	648000	53@26	CP_16QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	40	648000	1@1	CP_16QAM	16.97	18.79
DC_25A-n78(3700-3800)A	30	40	648000	1@104	CP_16QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	40	648000	106@0	CP_64QAM	16.94	18.76
DC_25A-n78(3700-3800)A	30	40	648000	53@26	CP_64QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	40	648000	1@1	CP_64QAM	16.97	18.79
DC_25A-n78(3700-3800)A	30	40	648000	1@104	CP_64QAM	16.95	18.77
DC_25A-n78(3700-3800)A	30	40	648000	106@0	CP_256QAM	14.25	16.07
DC_25A-n78(3700-3800)A	30	40	648000	53@26	CP_256QAM	14.26	16.08
DC_25A-n78(3700-3800)A	30	40	648000	1@1	CP_256QAM	13.82	15.64
DC_25A-n78(3700-3800)A	30	40	648000	1@104	CP_256QAM	13.89	15.71
DC_25A-n78(3700-3800)A	30	40	650000	100@0	DFT_BPSK	16.91	18.73
DC_25A-n78(3700-3800)A	30	40	650000	50@25	DFT_BPSK	16.88	18.70
DC_25A-n78(3700-3800)A	30	40	650000	1@1	DFT_BPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	40	650000	1@104	DFT_BPSK	16.64	18.46
DC_25A-n78(3700-3800)A	30	40	650000	100@0	DFT_QPSK	16.91	18.73
DC_25A-n78(3700-3800)A	30	40	650000	50@25	DFT_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	40	650000	1@1	DFT_QPSK	16.93	18.75

DC_25A-n78(3700-3800)A	30	40	650000	1@104	DFT_QPSK	16.69	18.51
DC_25A-n78(3700-3800)A	30	40	650000	100@0	DFT_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	40	650000	50@25	DFT_16QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	40	650000	1@1	DFT_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	40	650000	1@104	DFT_16QAM	16.70	18.52
DC_25A-n78(3700-3800)A	30	40	650000	100@0	DFT_64QAM	16.69	18.51
DC_25A-n78(3700-3800)A	30	40	650000	50@25	DFT_64QAM	16.84	18.66
DC_25A-n78(3700-3800)A	30	40	650000	1@1	DFT_64QAM	16.79	18.61
DC_25A-n78(3700-3800)A	30	40	650000	1@104	DFT_64QAM	16.47	18.29
DC_25A-n78(3700-3800)A	30	40	650000	100@0	DFT_256QAM	16.34	18.16
DC_25A-n78(3700-3800)A	30	40	650000	50@25	DFT_256QAM	16.28	18.10
DC_25A-n78(3700-3800)A	30	40	650000	1@1	DFT_256QAM	16.12	17.94
DC_25A-n78(3700-3800)A	30	40	650000	1@104	DFT_256QAM	15.89	17.71
DC_25A-n78(3700-3800)A	30	40	650000	106@0	CP_QPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	40	650000	53@26	CP_QPSK	16.88	18.70
DC_25A-n78(3700-3800)A	30	40	650000	1@1	CP_QPSK	17.02	18.84
DC_25A-n78(3700-3800)A	30	40	650000	1@104	CP_QPSK	16.77	18.59
DC_25A-n78(3700-3800)A	30	40	650000	106@0	CP_16QAM	16.76	18.58
DC_25A-n78(3700-3800)A	30	40	650000	53@26	CP_16QAM	16.95	18.77
DC_25A-n78(3700-3800)A	30	40	650000	1@1	CP_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	40	650000	1@104	CP_16QAM	16.77	18.59
DC_25A-n78(3700-3800)A	30	40	650000	106@0	CP_64QAM	16.91	18.73

DC_25A-n78(3700-3800)A	30	40	650000	53@26	CP_64QAM	16.96	18.78
DC_25A-n78(3700-3800)A	30	40	650000	1@1	CP_64QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	40	650000	1@104	CP_64QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	40	650000	106@0	CP_256QAM	14.07	15.89
DC_25A-n78(3700-3800)A	30	40	650000	53@26	CP_256QAM	14.10	15.92
DC_25A-n78(3700-3800)A	30	40	650000	1@1	CP_256QAM	13.81	15.63
DC_25A-n78(3700-3800)A	30	40	650000	1@104	CP_256QAM	13.65	15.47
DC_25A-n78(3700-3800)A	30	40	652000	100@0	DFT_BPSK	16.73	18.55
DC_25A-n78(3700-3800)A	30	40	652000	50@25	DFT_BPSK	16.61	18.43
DC_25A-n78(3700-3800)A	30	40	652000	1@1	DFT_BPSK	16.61	18.43
DC_25A-n78(3700-3800)A	30	40	652000	1@104	DFT_BPSK	16.59	18.41
DC_25A-n78(3700-3800)A	30	40	652000	100@0	DFT_QPSK	16.61	18.43
DC_25A-n78(3700-3800)A	30	40	652000	50@25	DFT_QPSK	16.70	18.52
DC_25A-n78(3700-3800)A	30	40	652000	1@1	DFT_QPSK	16.66	18.48
DC_25A-n78(3700-3800)A	30	40	652000	1@104	DFT_QPSK	16.57	18.39
DC_25A-n78(3700-3800)A	30	40	652000	100@0	DFT_16QAM	16.62	18.44
DC_25A-n78(3700-3800)A	30	40	652000	50@25	DFT_16QAM	16.69	18.51
DC_25A-n78(3700-3800)A	30	40	652000	1@1	DFT_16QAM	16.77	18.59
DC_25A-n78(3700-3800)A	30	40	652000	1@104	DFT_16QAM	16.68	18.50
DC_25A-n78(3700-3800)A	30	40	652000	100@0	DFT_64QAM	16.69	18.51
DC_25A-n78(3700-3800)A	30	40	652000	50@25	DFT_64QAM	16.71	18.53
DC_25A-n78(3700-3800)A	30	40	652000	1@1	DFT_64QAM	16.51	18.33

DC_25A-n78(3700-3800)A	30	40	652000	1@104	DFT_64QAM	16.41	18.23
DC_25A-n78(3700-3800)A	30	40	652000	100@0	DFT_256QAM	16.09	17.91
DC_25A-n78(3700-3800)A	30	40	652000	50@25	DFT_256QAM	16.09	17.91
DC_25A-n78(3700-3800)A	30	40	652000	1@1	DFT_256QAM	15.79	17.61
DC_25A-n78(3700-3800)A	30	40	652000	1@104	DFT_256QAM	15.88	17.70
DC_25A-n78(3700-3800)A	30	40	652000	106@0	CP_QPSK	16.50	18.32
DC_25A-n78(3700-3800)A	30	40	652000	53@26	CP_QPSK	16.72	18.54
DC_25A-n78(3700-3800)A	30	40	652000	1@1	CP_QPSK	16.71	18.53
DC_25A-n78(3700-3800)A	30	40	652000	1@104	CP_QPSK	16.54	18.36
DC_25A-n78(3700-3800)A	30	40	652000	106@0	CP_16QAM	16.62	18.44
DC_25A-n78(3700-3800)A	30	40	652000	53@26	CP_16QAM	16.72	18.54
DC_25A-n78(3700-3800)A	30	40	652000	1@1	CP_16QAM	16.68	18.50
DC_25A-n78(3700-3800)A	30	40	652000	1@104	CP_16QAM	16.62	18.44
DC_25A-n78(3700-3800)A	30	40	652000	106@0	CP_64QAM	16.55	18.37
DC_25A-n78(3700-3800)A	30	40	652000	53@26	CP_64QAM	16.71	18.53
DC_25A-n78(3700-3800)A	30	40	652000	1@1	CP_64QAM	16.64	18.46
DC_25A-n78(3700-3800)A	30	40	652000	1@104	CP_64QAM	16.61	18.43
DC_25A-n78(3700-3800)A	30	40	652000	106@0	CP_256QAM	13.94	15.76
DC_25A-n78(3700-3800)A	30	40	652000	53@26	CP_256QAM	13.90	15.72
DC_25A-n78(3700-3800)A	30	40	652000	1@1	CP_256QAM	13.60	15.42
DC_25A-n78(3700-3800)A	30	40	652000	1@104	CP_256QAM	13.59	15.41
DC_25A-n78(3700-3800)A	30	50	648334	128@0	DFT_BPSK	17.11	18.93

DC_25A-n78(3700-3800)A	30	50	648334	64@32	DFT_BPSK	17.07	18.89
DC_25A-n78(3700-3800)A	30	50	648334	1@1	DFT_BPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	50	648334	1@131	DFT_BPSK	17.03	18.85
DC_25A-n78(3700-3800)A	30	50	648334	128@0	DFT_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	50	648334	64@32	DFT_QPSK	17.16	18.98
DC_25A-n78(3700-3800)A	30	50	648334	1@1	DFT_QPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	50	648334	1@131	DFT_QPSK	17.09	18.91
DC_25A-n78(3700-3800)A	30	50	648334	128@0	DFT_16QAM	17.21	19.03
DC_25A-n78(3700-3800)A	30	50	648334	64@32	DFT_16QAM	17.09	18.91
DC_25A-n78(3700-3800)A	30	50	648334	1@1	DFT_16QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	50	648334	1@131	DFT_16QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	50	648334	128@0	DFT_64QAM	17.14	18.96
DC_25A-n78(3700-3800)A	30	50	648334	64@32	DFT_64QAM	17.03	18.85
DC_25A-n78(3700-3800)A	30	50	648334	1@1	DFT_64QAM	16.77	18.59
DC_25A-n78(3700-3800)A	30	50	648334	1@131	DFT_64QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	50	648334	128@0	DFT_256QAM	16.53	18.35
DC_25A-n78(3700-3800)A	30	50	648334	64@32	DFT_256QAM	16.67	18.49
DC_25A-n78(3700-3800)A	30	50	648334	1@1	DFT_256QAM	16.26	18.08
DC_25A-n78(3700-3800)A	30	50	648334	1@131	DFT_256QAM	16.59	18.41
DC_25A-n78(3700-3800)A	30	50	648334	133@0	CP_QPSK	17.03	18.85
DC_25A-n78(3700-3800)A	30	50	648334	67@33	CP_QPSK	17.19	19.01
DC_25A-n78(3700-3800)A	30	50	648334	1@1	CP_QPSK	16.88	18.70

DC_25A-n78(3700-3800)A	30	50	648334	1@131	CP_QPSK	17.09	18.91
DC_25A-n78(3700-3800)A	30	50	648334	133@0	CP_16QAM	17.11	18.93
DC_25A-n78(3700-3800)A	30	50	648334	67@33	CP_16QAM	17.18	19.00
DC_25A-n78(3700-3800)A	30	50	648334	1@1	CP_16QAM	17.01	18.83
DC_25A-n78(3700-3800)A	30	50	648334	1@131	CP_16QAM	17.04	18.86
DC_25A-n78(3700-3800)A	30	50	648334	133@0	CP_64QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	50	648334	67@33	CP_64QAM	17.21	19.03
DC_25A-n78(3700-3800)A	30	50	648334	1@1	CP_64QAM	17.00	18.82
DC_25A-n78(3700-3800)A	30	50	648334	1@131	CP_64QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	50	648334	133@0	CP_256QAM	14.22	16.04
DC_25A-n78(3700-3800)A	30	50	648334	67@33	CP_256QAM	14.25	16.07
DC_25A-n78(3700-3800)A	30	50	648334	1@1	CP_256QAM	13.99	15.81
DC_25A-n78(3700-3800)A	30	50	648334	1@131	CP_256QAM	13.72	15.54
DC_25A-n78(3700-3800)A	30	50	650000	128@0	DFT_BPSK	17.11	18.93
DC_25A-n78(3700-3800)A	30	50	650000	64@32	DFT_BPSK	17.04	18.86
DC_25A-n78(3700-3800)A	30	50	650000	1@1	DFT_BPSK	17.18	19.00
DC_25A-n78(3700-3800)A	30	50	650000	1@131	DFT_BPSK	16.86	18.68
DC_25A-n78(3700-3800)A	30	50	650000	128@0	DFT_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	50	650000	64@32	DFT_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	50	650000	1@1	DFT_QPSK	17.13	18.95
DC_25A-n78(3700-3800)A	30	50	650000	1@131	DFT_QPSK	16.87	18.69
DC_25A-n78(3700-3800)A	30	50	650000	128@0	DFT_16QAM	17.09	18.91

DC_25A-n78(3700-3800)A	30	50	650000	64@32	DFT_16QAM	17.10	18.92
DC_25A-n78(3700-3800)A	30	50	650000	1@1	DFT_16QAM	17.18	19.00
DC_25A-n78(3700-3800)A	30	50	650000	1@131	DFT_16QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	50	650000	128@0	DFT_64QAM	16.97	18.79
DC_25A-n78(3700-3800)A	30	50	650000	64@32	DFT_64QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	50	650000	1@1	DFT_64QAM	16.92	18.74
DC_25A-n78(3700-3800)A	30	50	650000	1@131	DFT_64QAM	16.66	18.48
DC_25A-n78(3700-3800)A	30	50	650000	128@0	DFT_256QAM	16.51	18.33
DC_25A-n78(3700-3800)A	30	50	650000	64@32	DFT_256QAM	16.68	18.50
DC_25A-n78(3700-3800)A	30	50	650000	1@1	DFT_256QAM	16.37	18.19
DC_25A-n78(3700-3800)A	30	50	650000	1@131	DFT_256QAM	16.05	17.87
DC_25A-n78(3700-3800)A	30	50	650000	133@0	CP_QPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	50	650000	67@33	CP_QPSK	17.02	18.84
DC_25A-n78(3700-3800)A	30	50	650000	1@1	CP_QPSK	17.28	19.10
DC_25A-n78(3700-3800)A	30	50	650000	1@131	CP_QPSK	16.89	18.71
DC_25A-n78(3700-3800)A	30	50	650000	133@0	CP_16QAM	17.11	18.93
DC_25A-n78(3700-3800)A	30	50	650000	67@33	CP_16QAM	17.03	18.85
DC_25A-n78(3700-3800)A	30	50	650000	1@1	CP_16QAM	17.22	19.04
DC_25A-n78(3700-3800)A	30	50	650000	1@131	CP_16QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	50	650000	133@0	CP_64QAM	17.02	18.84
DC_25A-n78(3700-3800)A	30	50	650000	67@33	CP_64QAM	16.92	18.74
DC_25A-n78(3700-3800)A	30	50	650000	1@1	CP_64QAM	17.23	19.05

DC_25A-n78(3700-3800)A	30	50	650000	1@131	CP_64QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	50	650000	133@0	CP_256QAM	14.23	16.05
DC_25A-n78(3700-3800)A	30	50	650000	67@33	CP_256QAM	14.20	16.02
DC_25A-n78(3700-3800)A	30	50	650000	1@1	CP_256QAM	14.18	16.00
DC_25A-n78(3700-3800)A	30	50	650000	1@131	CP_256QAM	13.77	15.59
DC_25A-n78(3700-3800)A	30	50	651666	128@0	DFT_BPSK	17.03	18.85
DC_25A-n78(3700-3800)A	30	50	651666	64@32	DFT_BPSK	16.88	18.70
DC_25A-n78(3700-3800)A	30	50	651666	1@1	DFT_BPSK	16.93	18.75
DC_25A-n78(3700-3800)A	30	50	651666	1@131	DFT_BPSK	16.69	18.51
DC_25A-n78(3700-3800)A	30	50	651666	128@0	DFT_QPSK	16.91	18.73
DC_25A-n78(3700-3800)A	30	50	651666	64@32	DFT_QPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	50	651666	1@1	DFT_QPSK	17.07	18.89
DC_25A-n78(3700-3800)A	30	50	651666	1@131	DFT_QPSK	16.69	18.51
DC_25A-n78(3700-3800)A	30	50	651666	128@0	DFT_16QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	50	651666	64@32	DFT_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	50	651666	1@1	DFT_16QAM	17.16	18.98
DC_25A-n78(3700-3800)A	30	50	651666	1@131	DFT_16QAM	16.72	18.54
DC_25A-n78(3700-3800)A	30	50	651666	128@0	DFT_64QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	50	651666	64@32	DFT_64QAM	16.94	18.76
DC_25A-n78(3700-3800)A	30	50	651666	1@1	DFT_64QAM	16.78	18.60
DC_25A-n78(3700-3800)A	30	50	651666	1@131	DFT_64QAM	16.44	18.26
DC_25A-n78(3700-3800)A	30	50	651666	128@0	DFT_256QAM	16.46	18.28

DC_25A-n78(3700-3800)A	30	50	651666	64@32	DFT_256QAM	16.44	18.26
DC_25A-n78(3700-3800)A	30	50	651666	1@1	DFT_256QAM	16.25	18.07
DC_25A-n78(3700-3800)A	30	50	651666	1@131	DFT_256QAM	15.92	17.74
DC_25A-n78(3700-3800)A	30	50	651666	133@0	CP_QPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	50	651666	67@33	CP_QPSK	16.97	18.79
DC_25A-n78(3700-3800)A	30	50	651666	1@1	CP_QPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	50	651666	1@131	CP_QPSK	16.68	18.50
DC_25A-n78(3700-3800)A	30	50	651666	133@0	CP_16QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	50	651666	67@33	CP_16QAM	16.86	18.68
DC_25A-n78(3700-3800)A	30	50	651666	1@1	CP_16QAM	17.11	18.93
DC_25A-n78(3700-3800)A	30	50	651666	1@131	CP_16QAM	16.79	18.61
DC_25A-n78(3700-3800)A	30	50	651666	133@0	CP_64QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	50	651666	67@33	CP_64QAM	16.96	18.78
DC_25A-n78(3700-3800)A	30	50	651666	1@1	CP_64QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	50	651666	1@131	CP_64QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	50	651666	133@0	CP_256QAM	14.20	16.02
DC_25A-n78(3700-3800)A	30	50	651666	67@33	CP_256QAM	14.16	15.98
DC_25A-n78(3700-3800)A	30	50	651666	1@1	CP_256QAM	14.01	15.83
DC_25A-n78(3700-3800)A	30	50	651666	1@131	CP_256QAM	13.73	15.55
DC_25A-n78(3700-3800)A	30	60	648668	162@0	DFT_BPSK	16.92	18.74
DC_25A-n78(3700-3800)A	30	60	648668	81@40	DFT_BPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	648668	1@1	DFT_BPSK	16.89	18.71

DC_25A-n78(3700-3800)A	30	60	648668	1@160	DFT_BPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	60	648668	162@0	DFT_QPSK	17.02	18.84
DC_25A-n78(3700-3800)A	30	60	648668	81@40	DFT_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	648668	1@1	DFT_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	60	648668	1@160	DFT_QPSK	16.78	18.60
DC_25A-n78(3700-3800)A	30	60	648668	162@0	DFT_16QAM	16.94	18.76
DC_25A-n78(3700-3800)A	30	60	648668	81@40	DFT_16QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	60	648668	1@1	DFT_16QAM	16.95	18.77
DC_25A-n78(3700-3800)A	30	60	648668	1@160	DFT_16QAM	16.85	18.67
DC_25A-n78(3700-3800)A	30	60	648668	162@0	DFT_64QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	60	648668	81@40	DFT_64QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	60	648668	1@1	DFT_64QAM	16.62	18.44
DC_25A-n78(3700-3800)A	30	60	648668	1@160	DFT_64QAM	16.52	18.34
DC_25A-n78(3700-3800)A	30	60	648668	162@0	DFT_256QAM	16.52	18.34
DC_25A-n78(3700-3800)A	30	60	648668	81@40	DFT_256QAM	16.43	18.25
DC_25A-n78(3700-3800)A	30	60	648668	1@1	DFT_256QAM	16.14	17.96
DC_25A-n78(3700-3800)A	30	60	648668	1@160	DFT_256QAM	16.10	17.92
DC_25A-n78(3700-3800)A	30	60	648668	162@0	CP_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	648668	81@40	CP_QPSK	17.00	18.82
DC_25A-n78(3700-3800)A	30	60	648668	1@1	CP_QPSK	16.97	18.79
DC_25A-n78(3700-3800)A	30	60	648668	1@160	CP_QPSK	16.79	18.61
DC_25A-n78(3700-3800)A	30	60	648668	162@0	CP_16QAM	17.05	18.87

DC_25A-n78(3700-3800)A	30	60	648668	81@40	CP_16QAM	17.04	18.86
DC_25A-n78(3700-3800)A	30	60	648668	1@1	CP_16QAM	16.91	18.73
DC_25A-n78(3700-3800)A	30	60	648668	1@160	CP_16QAM	16.85	18.67
DC_25A-n78(3700-3800)A	30	60	648668	162@0	CP_64QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	648668	81@40	CP_64QAM	17.02	18.84
DC_25A-n78(3700-3800)A	30	60	648668	1@1	CP_64QAM	16.86	18.68
DC_25A-n78(3700-3800)A	30	60	648668	1@160	CP_64QAM	16.86	18.68
DC_25A-n78(3700-3800)A	30	60	648668	162@0	CP_256QAM	14.30	16.12
DC_25A-n78(3700-3800)A	30	60	648668	81@40	CP_256QAM	14.24	16.06
DC_25A-n78(3700-3800)A	30	60	648668	1@1	CP_256QAM	13.85	15.67
DC_25A-n78(3700-3800)A	30	60	648668	1@160	CP_256QAM	13.76	15.58
DC_25A-n78(3700-3800)A	30	60	650000	162@0	DFT_BPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	60	650000	81@40	DFT_BPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	650000	1@1	DFT_BPSK	17.12	18.94
DC_25A-n78(3700-3800)A	30	60	650000	1@160	DFT_BPSK	16.97	18.79
DC_25A-n78(3700-3800)A	30	60	650000	162@0	DFT_QPSK	17.07	18.89
DC_25A-n78(3700-3800)A	30	60	650000	81@40	DFT_QPSK	17.03	18.85
DC_25A-n78(3700-3800)A	30	60	650000	1@1	DFT_QPSK	17.21	19.03
DC_25A-n78(3700-3800)A	30	60	650000	1@160	DFT_QPSK	16.97	18.79
DC_25A-n78(3700-3800)A	30	60	650000	162@0	DFT_16QAM	17.10	18.92
DC_25A-n78(3700-3800)A	30	60	650000	81@40	DFT_16QAM	17.04	18.86
DC_25A-n78(3700-3800)A	30	60	650000	1@1	DFT_16QAM	17.32	19.14

DC_25A-n78(3700-3800)A	30	60	650000	1@160	DFT_16QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	650000	162@0	DFT_64QAM	17.04	18.86
DC_25A-n78(3700-3800)A	30	60	650000	81@40	DFT_64QAM	17.01	18.83
DC_25A-n78(3700-3800)A	30	60	650000	1@1	DFT_64QAM	17.02	18.84
DC_25A-n78(3700-3800)A	30	60	650000	1@160	DFT_64QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	60	650000	162@0	DFT_256QAM	16.59	18.41
DC_25A-n78(3700-3800)A	30	60	650000	81@40	DFT_256QAM	16.55	18.37
DC_25A-n78(3700-3800)A	30	60	650000	1@1	DFT_256QAM	16.38	18.20
DC_25A-n78(3700-3800)A	30	60	650000	1@160	DFT_256QAM	16.07	17.89
DC_25A-n78(3700-3800)A	30	60	650000	162@0	CP_QPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	60	650000	81@40	CP_QPSK	17.09	18.91
DC_25A-n78(3700-3800)A	30	60	650000	1@1	CP_QPSK	17.21	19.03
DC_25A-n78(3700-3800)A	30	60	650000	1@160	CP_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	60	650000	162@0	CP_16QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	60	650000	81@40	CP_16QAM	17.17	18.99
DC_25A-n78(3700-3800)A	30	60	650000	1@1	CP_16QAM	17.17	18.99
DC_25A-n78(3700-3800)A	30	60	650000	1@160	CP_16QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	60	650000	162@0	CP_64QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	60	650000	81@40	CP_64QAM	17.10	18.92
DC_25A-n78(3700-3800)A	30	60	650000	1@1	CP_64QAM	17.14	18.96
DC_25A-n78(3700-3800)A	30	60	650000	1@160	CP_64QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	60	650000	162@0	CP_256QAM	14.09	15.91

DC_25A-n78(3700-3800)A	30	60	650000	81@40	CP_256QAM	14.14	15.96
DC_25A-n78(3700-3800)A	30	60	650000	1@1	CP_256QAM	14.15	15.97
DC_25A-n78(3700-3800)A	30	60	650000	1@160	CP_256QAM	13.91	15.73
DC_25A-n78(3700-3800)A	30	60	651332	162@0	DFT_BPSK	17.07	18.89
DC_25A-n78(3700-3800)A	30	60	651332	81@40	DFT_BPSK	17.07	18.89
DC_25A-n78(3700-3800)A	30	60	651332	1@1	DFT_BPSK	17.01	18.83
DC_25A-n78(3700-3800)A	30	60	651332	1@160	DFT_BPSK	16.92	18.74
DC_25A-n78(3700-3800)A	30	60	651332	162@0	DFT_QPSK	17.02	18.84
DC_25A-n78(3700-3800)A	30	60	651332	81@40	DFT_QPSK	16.89	18.71
DC_25A-n78(3700-3800)A	30	60	651332	1@1	DFT_QPSK	17.16	18.98
DC_25A-n78(3700-3800)A	30	60	651332	1@160	DFT_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	651332	162@0	DFT_16QAM	17.02	18.84
DC_25A-n78(3700-3800)A	30	60	651332	81@40	DFT_16QAM	16.94	18.76
DC_25A-n78(3700-3800)A	30	60	651332	1@1	DFT_16QAM	17.19	19.01
DC_25A-n78(3700-3800)A	30	60	651332	1@160	DFT_16QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	651332	162@0	DFT_64QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	60	651332	81@40	DFT_64QAM	17.04	18.86
DC_25A-n78(3700-3800)A	30	60	651332	1@1	DFT_64QAM	16.95	18.77
DC_25A-n78(3700-3800)A	30	60	651332	1@160	DFT_64QAM	16.76	18.58
DC_25A-n78(3700-3800)A	30	60	651332	162@0	DFT_256QAM	16.50	18.32
DC_25A-n78(3700-3800)A	30	60	651332	81@40	DFT_256QAM	16.44	18.26
DC_25A-n78(3700-3800)A	30	60	651332	1@1	DFT_256QAM	16.35	18.17

DC_25A-n78(3700-3800)A	30	60	651332	1@160	DFT_256QAM	16.21	18.03
DC_25A-n78(3700-3800)A	30	60	651332	162@0	CP_QPSK	16.96	18.78
DC_25A-n78(3700-3800)A	30	60	651332	81@40	CP_QPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	60	651332	1@1	CP_QPSK	17.13	18.95
DC_25A-n78(3700-3800)A	30	60	651332	1@160	CP_QPSK	16.91	18.73
DC_25A-n78(3700-3800)A	30	60	651332	162@0	CP_16QAM	17.00	18.82
DC_25A-n78(3700-3800)A	30	60	651332	81@40	CP_16QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	651332	1@1	CP_16QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	60	651332	1@160	CP_16QAM	16.84	18.66
DC_25A-n78(3700-3800)A	30	60	651332	162@0	CP_64QAM	17.00	18.82
DC_25A-n78(3700-3800)A	30	60	651332	81@40	CP_64QAM	17.00	18.82
DC_25A-n78(3700-3800)A	30	60	651332	1@1	CP_64QAM	17.14	18.96
DC_25A-n78(3700-3800)A	30	60	651332	1@160	CP_64QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	60	651332	162@0	CP_256QAM	14.27	16.09
DC_25A-n78(3700-3800)A	30	60	651332	81@40	CP_256QAM	14.07	15.89
DC_25A-n78(3700-3800)A	30	60	651332	1@1	CP_256QAM	14.17	15.99
DC_25A-n78(3700-3800)A	30	60	651332	1@160	CP_256QAM	13.91	15.73
DC_25A-n78(3700-3800)A	30	70	649000	180@0	DFT_BPSK	16.64	18.46
DC_25A-n78(3700-3800)A	30	70	649000	90@45	DFT_BPSK	16.66	18.48
DC_25A-n78(3700-3800)A	30	70	649000	1@1	DFT_BPSK	16.69	18.51
DC_25A-n78(3700-3800)A	30	70	649000	1@187	DFT_BPSK	16.54	18.36
DC_25A-n78(3700-3800)A	30	70	649000	180@0	DFT_QPSK	16.63	18.45

DC_25A-n78(3700-3800)A	30	70	649000	90@45	DFT_QPSK	16.64	18.46
DC_25A-n78(3700-3800)A	30	70	649000	1@1	DFT_QPSK	16.52	18.34
DC_25A-n78(3700-3800)A	30	70	649000	1@187	DFT_QPSK	16.48	18.30
DC_25A-n78(3700-3800)A	30	70	649000	180@0	DFT_16QAM	16.64	18.46
DC_25A-n78(3700-3800)A	30	70	649000	90@45	DFT_16QAM	16.71	18.53
DC_25A-n78(3700-3800)A	30	70	649000	1@1	DFT_16QAM	16.72	18.54
DC_25A-n78(3700-3800)A	30	70	649000	1@187	DFT_16QAM	16.68	18.50
DC_25A-n78(3700-3800)A	30	70	649000	180@0	DFT_64QAM	16.61	18.43
DC_25A-n78(3700-3800)A	30	70	649000	90@45	DFT_64QAM	16.67	18.49
DC_25A-n78(3700-3800)A	30	70	649000	1@1	DFT_64QAM	16.44	18.26
DC_25A-n78(3700-3800)A	30	70	649000	1@187	DFT_64QAM	16.55	18.37
DC_25A-n78(3700-3800)A	30	70	649000	180@0	DFT_256QAM	16.11	17.93
DC_25A-n78(3700-3800)A	30	70	649000	90@45	DFT_256QAM	16.19	18.01
DC_25A-n78(3700-3800)A	30	70	649000	1@1	DFT_256QAM	15.81	17.63
DC_25A-n78(3700-3800)A	30	70	649000	1@187	DFT_256QAM	15.88	17.70
DC_25A-n78(3700-3800)A	30	70	649000	189@0	CP_QPSK	16.64	18.46
DC_25A-n78(3700-3800)A	30	70	649000	95@47	CP_QPSK	16.57	18.39
DC_25A-n78(3700-3800)A	30	70	649000	1@1	CP_QPSK	16.75	18.57
DC_25A-n78(3700-3800)A	30	70	649000	1@187	CP_QPSK	16.52	18.34
DC_25A-n78(3700-3800)A	30	70	649000	189@0	CP_16QAM	16.64	18.46
DC_25A-n78(3700-3800)A	30	70	649000	95@47	CP_16QAM	16.60	18.42
DC_25A-n78(3700-3800)A	30	70	649000	1@1	CP_16QAM	16.62	18.44

DC_25A-n78(3700-3800)A	30	70	649000	1@187	CP_16QAM	16.51	18.33
DC_25A-n78(3700-3800)A	30	70	649000	189@0	CP_64QAM	16.64	18.46
DC_25A-n78(3700-3800)A	30	70	649000	95@47	CP_64QAM	16.79	18.61
DC_25A-n78(3700-3800)A	30	70	649000	1@1	CP_64QAM	16.67	18.49
DC_25A-n78(3700-3800)A	30	70	649000	1@187	CP_64QAM	16.61	18.43
DC_25A-n78(3700-3800)A	30	70	649000	189@0	CP_256QAM	13.93	15.75
DC_25A-n78(3700-3800)A	30	70	649000	95@47	CP_256QAM	13.81	15.63
DC_25A-n78(3700-3800)A	30	70	649000	1@1	CP_256QAM	13.60	15.42
DC_25A-n78(3700-3800)A	30	70	649000	1@187	CP_256QAM	13.47	15.29
DC_25A-n78(3700-3800)A	30	70	650000	180@0	DFT_BPSK	16.87	18.69
DC_25A-n78(3700-3800)A	30	70	650000	90@45	DFT_BPSK	16.92	18.74
DC_25A-n78(3700-3800)A	30	70	650000	1@1	DFT_BPSK	17.12	18.94
DC_25A-n78(3700-3800)A	30	70	650000	1@187	DFT_BPSK	16.64	18.46
DC_25A-n78(3700-3800)A	30	70	650000	180@0	DFT_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	70	650000	90@45	DFT_QPSK	16.87	18.69
DC_25A-n78(3700-3800)A	30	70	650000	1@1	DFT_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	70	650000	1@187	DFT_QPSK	16.54	18.36
DC_25A-n78(3700-3800)A	30	70	650000	180@0	DFT_16QAM	17.05	18.87
DC_25A-n78(3700-3800)A	30	70	650000	90@45	DFT_16QAM	16.92	18.74
DC_25A-n78(3700-3800)A	30	70	650000	1@1	DFT_16QAM	17.17	18.99
DC_25A-n78(3700-3800)A	30	70	650000	1@187	DFT_16QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	70	650000	180@0	DFT_64QAM	16.95	18.77

DC_25A-n78(3700-3800)A	30	70	650000	90@45	DFT_64QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	70	650000	1@1	DFT_64QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	70	650000	1@187	DFT_64QAM	16.32	18.14
DC_25A-n78(3700-3800)A	30	70	650000	180@0	DFT_256QAM	16.38	18.20
DC_25A-n78(3700-3800)A	30	70	650000	90@45	DFT_256QAM	16.37	18.19
DC_25A-n78(3700-3800)A	30	70	650000	1@1	DFT_256QAM	16.20	18.02
DC_25A-n78(3700-3800)A	30	70	650000	1@187	DFT_256QAM	15.91	17.73
DC_25A-n78(3700-3800)A	30	70	650000	189@0	CP_QPSK	16.85	18.67
DC_25A-n78(3700-3800)A	30	70	650000	95@47	CP_QPSK	16.86	18.68
DC_25A-n78(3700-3800)A	30	70	650000	1@1	CP_QPSK	17.10	18.92
DC_25A-n78(3700-3800)A	30	70	650000	1@187	CP_QPSK	16.62	18.44
DC_25A-n78(3700-3800)A	30	70	650000	189@0	CP_16QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	70	650000	95@47	CP_16QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	70	650000	1@1	CP_16QAM	17.17	18.99
DC_25A-n78(3700-3800)A	30	70	650000	1@187	CP_16QAM	16.60	18.42
DC_25A-n78(3700-3800)A	30	70	650000	189@0	CP_64QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	70	650000	95@47	CP_64QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	70	650000	1@1	CP_64QAM	17.09	18.91
DC_25A-n78(3700-3800)A	30	70	650000	1@187	CP_64QAM	16.68	18.50
DC_25A-n78(3700-3800)A	30	70	650000	189@0	CP_256QAM	14.06	15.88
DC_25A-n78(3700-3800)A	30	70	650000	95@47	CP_256QAM	14.22	16.04
DC_25A-n78(3700-3800)A	30	70	650000	1@1	CP_256QAM	14.04	15.86

DC_25A-n78(3700-3800)A	30	70	650000	1@187	CP_256QAM	13.69	15.51
DC_25A-n78(3700-3800)A	30	70	651000	180@0	DFT_BPSK	16.73	18.55
DC_25A-n78(3700-3800)A	30	70	651000	90@45	DFT_BPSK	16.67	18.49
DC_25A-n78(3700-3800)A	30	70	651000	1@1	DFT_BPSK	16.85	18.67
DC_25A-n78(3700-3800)A	30	70	651000	1@187	DFT_BPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	70	651000	180@0	DFT_QPSK	16.76	18.58
DC_25A-n78(3700-3800)A	30	70	651000	90@45	DFT_QPSK	16.68	18.50
DC_25A-n78(3700-3800)A	30	70	651000	1@1	DFT_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	70	651000	1@187	DFT_QPSK	16.75	18.57
DC_25A-n78(3700-3800)A	30	70	651000	180@0	DFT_16QAM	16.79	18.61
DC_25A-n78(3700-3800)A	30	70	651000	90@45	DFT_16QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	70	651000	1@1	DFT_16QAM	17.07	18.89
DC_25A-n78(3700-3800)A	30	70	651000	1@187	DFT_16QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	70	651000	180@0	DFT_64QAM	16.75	18.57
DC_25A-n78(3700-3800)A	30	70	651000	90@45	DFT_64QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	70	651000	1@1	DFT_64QAM	16.77	18.59
DC_25A-n78(3700-3800)A	30	70	651000	1@187	DFT_64QAM	16.72	18.54
DC_25A-n78(3700-3800)A	30	70	651000	180@0	DFT_256QAM	16.17	17.99
DC_25A-n78(3700-3800)A	30	70	651000	90@45	DFT_256QAM	16.14	17.96
DC_25A-n78(3700-3800)A	30	70	651000	1@1	DFT_256QAM	16.14	17.96
DC_25A-n78(3700-3800)A	30	70	651000	1@187	DFT_256QAM	15.84	17.66
DC_25A-n78(3700-3800)A	30	70	651000	189@0	CP_QPSK	16.80	18.62

DC_25A-n78(3700-3800)A	30	70	651000	95@47	CP_QPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	70	651000	1@1	CP_QPSK	16.91	18.73
DC_25A-n78(3700-3800)A	30	70	651000	1@187	CP_QPSK	16.76	18.58
DC_25A-n78(3700-3800)A	30	70	651000	189@0	CP_16QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	70	651000	95@47	CP_16QAM	16.75	18.57
DC_25A-n78(3700-3800)A	30	70	651000	1@1	CP_16QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	70	651000	1@187	CP_16QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	70	651000	189@0	CP_64QAM	16.69	18.51
DC_25A-n78(3700-3800)A	30	70	651000	95@47	CP_64QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	70	651000	1@1	CP_64QAM	16.92	18.74
DC_25A-n78(3700-3800)A	30	70	651000	1@187	CP_64QAM	16.79	18.61
DC_25A-n78(3700-3800)A	30	70	651000	189@0	CP_256QAM	13.93	15.75
DC_25A-n78(3700-3800)A	30	70	651000	95@47	CP_256QAM	13.92	15.74
DC_25A-n78(3700-3800)A	30	70	651000	1@1	CP_256QAM	13.82	15.64
DC_25A-n78(3700-3800)A	30	70	651000	1@187	CP_256QAM	13.75	15.57
DC_25A-n78(3700-3800)A	30	80	649334	216@0	DFT_BPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	80	649334	108@54	DFT_BPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	80	649334	1@1	DFT_BPSK	16.70	18.52
DC_25A-n78(3700-3800)A	30	80	649334	1@215	DFT_BPSK	16.52	18.34
DC_25A-n78(3700-3800)A	30	80	649334	216@0	DFT_QPSK	16.87	18.69
DC_25A-n78(3700-3800)A	30	80	649334	108@54	DFT_QPSK	16.72	18.54
DC_25A-n78(3700-3800)A	30	80	649334	1@1	DFT_QPSK	16.64	18.46

DC_25A-n78(3700-3800)A	30	80	649334	1@215	DFT_QPSK	16.63	18.45
DC_25A-n78(3700-3800)A	30	80	649334	216@0	DFT_16QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	80	649334	108@54	DFT_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	80	649334	1@1	DFT_16QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	80	649334	1@215	DFT_16QAM	16.64	18.46
DC_25A-n78(3700-3800)A	30	80	649334	216@0	DFT_64QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	80	649334	108@54	DFT_64QAM	16.71	18.53
DC_25A-n78(3700-3800)A	30	80	649334	1@1	DFT_64QAM	16.50	18.32
DC_25A-n78(3700-3800)A	30	80	649334	1@215	DFT_64QAM	16.34	18.16
DC_25A-n78(3700-3800)A	30	80	649334	216@0	DFT_256QAM	16.20	18.02
DC_25A-n78(3700-3800)A	30	80	649334	108@54	DFT_256QAM	16.28	18.10
DC_25A-n78(3700-3800)A	30	80	649334	1@1	DFT_256QAM	16.01	17.83
DC_25A-n78(3700-3800)A	30	80	649334	1@215	DFT_256QAM	15.89	17.71
DC_25A-n78(3700-3800)A	30	80	649334	217@0	CP_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	80	649334	109@54	CP_QPSK	16.88	18.70
DC_25A-n78(3700-3800)A	30	80	649334	1@1	CP_QPSK	16.64	18.46
DC_25A-n78(3700-3800)A	30	80	649334	1@215	CP_QPSK	16.53	18.35
DC_25A-n78(3700-3800)A	30	80	649334	217@0	CP_16QAM	16.87	18.69
DC_25A-n78(3700-3800)A	30	80	649334	109@54	CP_16QAM	16.86	18.68
DC_25A-n78(3700-3800)A	30	80	649334	1@1	CP_16QAM	16.92	18.74
DC_25A-n78(3700-3800)A	30	80	649334	1@215	CP_16QAM	16.71	18.53
DC_25A-n78(3700-3800)A	30	80	649334	217@0	CP_64QAM	16.89	18.71

DC_25A-n78(3700-3800)A	30	80	649334	109@54	CP_64QAM	16.86	18.68
DC_25A-n78(3700-3800)A	30	80	649334	1@1	CP_64QAM	16.85	18.67
DC_25A-n78(3700-3800)A	30	80	649334	1@215	CP_64QAM	16.75	18.57
DC_25A-n78(3700-3800)A	30	80	649334	217@0	CP_256QAM	14.02	15.84
DC_25A-n78(3700-3800)A	30	80	649334	109@54	CP_256QAM	14.08	15.90
DC_25A-n78(3700-3800)A	30	80	649334	1@1	CP_256QAM	13.82	15.64
DC_25A-n78(3700-3800)A	30	80	649334	1@215	CP_256QAM	13.54	15.36
DC_25A-n78(3700-3800)A	30	80	650000	216@0	DFT_BPSK	16.93	18.75
DC_25A-n78(3700-3800)A	30	80	650000	108@54	DFT_BPSK	16.93	18.75
DC_25A-n78(3700-3800)A	30	80	650000	1@1	DFT_BPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	80	650000	1@215	DFT_BPSK	16.66	18.48
DC_25A-n78(3700-3800)A	30	80	650000	216@0	DFT_QPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	80	650000	108@54	DFT_QPSK	16.88	18.70
DC_25A-n78(3700-3800)A	30	80	650000	1@1	DFT_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	80	650000	1@215	DFT_QPSK	16.67	18.49
DC_25A-n78(3700-3800)A	30	80	650000	216@0	DFT_16QAM	16.86	18.68
DC_25A-n78(3700-3800)A	30	80	650000	108@54	DFT_16QAM	16.92	18.74
DC_25A-n78(3700-3800)A	30	80	650000	1@1	DFT_16QAM	17.10	18.92
DC_25A-n78(3700-3800)A	30	80	650000	1@215	DFT_16QAM	16.75	18.57
DC_25A-n78(3700-3800)A	30	80	650000	216@0	DFT_64QAM	17.01	18.83
DC_25A-n78(3700-3800)A	30	80	650000	108@54	DFT_64QAM	17.04	18.86
DC_25A-n78(3700-3800)A	30	80	650000	1@1	DFT_64QAM	16.85	18.67

DC_25A-n78(3700-3800)A	30	80	650000	1@215	DFT_64QAM	16.48	18.30
DC_25A-n78(3700-3800)A	30	80	650000	216@0	DFT_256QAM	16.47	18.29
DC_25A-n78(3700-3800)A	30	80	650000	108@54	DFT_256QAM	16.47	18.29
DC_25A-n78(3700-3800)A	30	80	650000	1@1	DFT_256QAM	16.14	17.96
DC_25A-n78(3700-3800)A	30	80	650000	1@215	DFT_256QAM	16.04	17.86
DC_25A-n78(3700-3800)A	30	80	650000	217@0	CP_QPSK	16.85	18.67
DC_25A-n78(3700-3800)A	30	80	650000	109@54	CP_QPSK	16.95	18.77
DC_25A-n78(3700-3800)A	30	80	650000	1@1	CP_QPSK	17.09	18.91
DC_25A-n78(3700-3800)A	30	80	650000	1@215	CP_QPSK	16.51	18.33
DC_25A-n78(3700-3800)A	30	80	650000	217@0	CP_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	80	650000	109@54	CP_16QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	80	650000	1@1	CP_16QAM	17.04	18.86
DC_25A-n78(3700-3800)A	30	80	650000	1@215	CP_16QAM	16.64	18.46
DC_25A-n78(3700-3800)A	30	80	650000	217@0	CP_64QAM	16.79	18.61
DC_25A-n78(3700-3800)A	30	80	650000	109@54	CP_64QAM	17.01	18.83
DC_25A-n78(3700-3800)A	30	80	650000	1@1	CP_64QAM	16.96	18.78
DC_25A-n78(3700-3800)A	30	80	650000	1@215	CP_64QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	80	650000	217@0	CP_256QAM	13.98	15.80
DC_25A-n78(3700-3800)A	30	80	650000	109@54	CP_256QAM	14.12	15.94
DC_25A-n78(3700-3800)A	30	80	650000	1@1	CP_256QAM	14.15	15.97
DC_25A-n78(3700-3800)A	30	80	650000	1@215	CP_256QAM	13.72	15.54
DC_25A-n78(3700-3800)A	30	80	650666	216@0	DFT_BPSK	16.88	18.70

DC_25A-n78(3700-3800)A	30	80	650666	108@54	DFT_BPSK	16.87	18.69
DC_25A-n78(3700-3800)A	30	80	650666	1@1	DFT_BPSK	17.18	19.00
DC_25A-n78(3700-3800)A	30	80	650666	1@215	DFT_BPSK	16.72	18.54
DC_25A-n78(3700-3800)A	30	80	650666	216@0	DFT_QPSK	16.89	18.71
DC_25A-n78(3700-3800)A	30	80	650666	108@54	DFT_QPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	80	650666	1@1	DFT_QPSK	17.20	19.02
DC_25A-n78(3700-3800)A	30	80	650666	1@215	DFT_QPSK	16.73	18.55
DC_25A-n78(3700-3800)A	30	80	650666	216@0	DFT_16QAM	16.84	18.66
DC_25A-n78(3700-3800)A	30	80	650666	108@54	DFT_16QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	80	650666	1@1	DFT_16QAM	17.16	18.98
DC_25A-n78(3700-3800)A	30	80	650666	1@215	DFT_16QAM	16.78	18.60
DC_25A-n78(3700-3800)A	30	80	650666	216@0	DFT_64QAM	16.95	18.77
DC_25A-n78(3700-3800)A	30	80	650666	108@54	DFT_64QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	80	650666	1@1	DFT_64QAM	16.95	18.77
DC_25A-n78(3700-3800)A	30	80	650666	1@215	DFT_64QAM	16.51	18.33
DC_25A-n78(3700-3800)A	30	80	650666	216@0	DFT_256QAM	16.35	18.17
DC_25A-n78(3700-3800)A	30	80	650666	108@54	DFT_256QAM	16.42	18.24
DC_25A-n78(3700-3800)A	30	80	650666	1@1	DFT_256QAM	16.39	18.21
DC_25A-n78(3700-3800)A	30	80	650666	1@215	DFT_256QAM	16.00	17.82
DC_25A-n78(3700-3800)A	30	80	650666	217@0	CP_QPSK	16.84	18.66
DC_25A-n78(3700-3800)A	30	80	650666	109@54	CP_QPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	80	650666	1@1	CP_QPSK	17.20	19.02

DC_25A-n78(3700-3800)A	30	80	650666	1@215	CP_QPSK	16.76	18.58
DC_25A-n78(3700-3800)A	30	80	650666	217@0	CP_16QAM	16.75	18.57
DC_25A-n78(3700-3800)A	30	80	650666	109@54	CP_16QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	80	650666	1@1	CP_16QAM	17.20	19.02
DC_25A-n78(3700-3800)A	30	80	650666	1@215	CP_16QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	80	650666	217@0	CP_64QAM	16.91	18.73
DC_25A-n78(3700-3800)A	30	80	650666	109@54	CP_64QAM	16.85	18.67
DC_25A-n78(3700-3800)A	30	80	650666	1@1	CP_64QAM	17.28	19.10
DC_25A-n78(3700-3800)A	30	80	650666	1@215	CP_64QAM	16.64	18.46
DC_25A-n78(3700-3800)A	30	80	650666	217@0	CP_256QAM	14.05	15.87
DC_25A-n78(3700-3800)A	30	80	650666	109@54	CP_256QAM	14.01	15.83
DC_25A-n78(3700-3800)A	30	80	650666	1@1	CP_256QAM	14.15	15.97
DC_25A-n78(3700-3800)A	30	80	650666	1@215	CP_256QAM	13.83	15.65
DC_25A-n78(3700-3800)A	30	90	649668	240@0	DFT_BPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	90	649668	120@60	DFT_BPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	90	649668	1@1	DFT_BPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	90	649668	1@243	DFT_BPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	90	649668	240@0	DFT_QPSK	16.89	18.71
DC_25A-n78(3700-3800)A	30	90	649668	120@60	DFT_QPSK	16.86	18.68
DC_25A-n78(3700-3800)A	30	90	649668	1@1	DFT_QPSK	16.75	18.57
DC_25A-n78(3700-3800)A	30	90	649668	1@243	DFT_QPSK	16.87	18.69
DC_25A-n78(3700-3800)A	30	90	649668	240@0	DFT_16QAM	16.85	18.67

DC_25A-n78(3700-3800)A	30	90	649668	120@60	DFT_16QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	90	649668	1@1	DFT_16QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	90	649668	1@243	DFT_16QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	90	649668	240@0	DFT_64QAM	16.92	18.74
DC_25A-n78(3700-3800)A	30	90	649668	120@60	DFT_64QAM	16.97	18.79
DC_25A-n78(3700-3800)A	30	90	649668	1@1	DFT_64QAM	16.64	18.46
DC_25A-n78(3700-3800)A	30	90	649668	1@243	DFT_64QAM	16.55	18.37
DC_25A-n78(3700-3800)A	30	90	649668	240@0	DFT_256QAM	16.34	18.16
DC_25A-n78(3700-3800)A	30	90	649668	120@60	DFT_256QAM	16.34	18.16
DC_25A-n78(3700-3800)A	30	90	649668	1@1	DFT_256QAM	16.01	17.83
DC_25A-n78(3700-3800)A	30	90	649668	1@243	DFT_256QAM	16.11	17.93
DC_25A-n78(3700-3800)A	30	90	649668	245@0	CP_QPSK	16.93	18.75
DC_25A-n78(3700-3800)A	30	90	649668	123@61	CP_QPSK	16.87	18.69
DC_25A-n78(3700-3800)A	30	90	649668	1@1	CP_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	90	649668	1@243	CP_QPSK	16.91	18.73
DC_25A-n78(3700-3800)A	30	90	649668	245@0	CP_16QAM	16.86	18.68
DC_25A-n78(3700-3800)A	30	90	649668	123@61	CP_16QAM	17.01	18.83
DC_25A-n78(3700-3800)A	30	90	649668	1@1	CP_16QAM	16.91	18.73
DC_25A-n78(3700-3800)A	30	90	649668	1@243	CP_16QAM	16.78	18.60
DC_25A-n78(3700-3800)A	30	90	649668	245@0	CP_64QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	90	649668	123@61	CP_64QAM	16.97	18.79
DC_25A-n78(3700-3800)A	30	90	649668	1@1	CP_64QAM	16.89	18.71

DC_25A-n78(3700-3800)A	30	90	649668	1@243	CP_64QAM	16.89	18.71
DC_25A-n78(3700-3800)A	30	90	649668	245@0	CP_256QAM	14.05	15.87
DC_25A-n78(3700-3800)A	30	90	649668	123@61	CP_256QAM	14.12	15.94
DC_25A-n78(3700-3800)A	30	90	649668	1@1	CP_256QAM	13.79	15.61
DC_25A-n78(3700-3800)A	30	90	649668	1@243	CP_256QAM	13.78	15.60
DC_25A-n78(3700-3800)A	30	90	650000	240@0	DFT_BPSK	16.97	18.79
DC_25A-n78(3700-3800)A	30	90	650000	120@60	DFT_BPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	90	650000	1@1	DFT_BPSK	16.84	18.66
DC_25A-n78(3700-3800)A	30	90	650000	1@243	DFT_BPSK	16.70	18.52
DC_25A-n78(3700-3800)A	30	90	650000	240@0	DFT_QPSK	16.91	18.73
DC_25A-n78(3700-3800)A	30	90	650000	120@60	DFT_QPSK	16.93	18.75
DC_25A-n78(3700-3800)A	30	90	650000	1@1	DFT_QPSK	16.93	18.75
DC_25A-n78(3700-3800)A	30	90	650000	1@243	DFT_QPSK	16.78	18.60
DC_25A-n78(3700-3800)A	30	90	650000	240@0	DFT_16QAM	16.87	18.69
DC_25A-n78(3700-3800)A	30	90	650000	120@60	DFT_16QAM	17.03	18.85
DC_25A-n78(3700-3800)A	30	90	650000	1@1	DFT_16QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	90	650000	1@243	DFT_16QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	90	650000	240@0	DFT_64QAM	16.84	18.66
DC_25A-n78(3700-3800)A	30	90	650000	120@60	DFT_64QAM	16.87	18.69
DC_25A-n78(3700-3800)A	30	90	650000	1@1	DFT_64QAM	16.75	18.57
DC_25A-n78(3700-3800)A	30	90	650000	1@243	DFT_64QAM	16.52	18.34
DC_25A-n78(3700-3800)A	30	90	650000	240@0	DFT_256QAM	16.42	18.24

DC_25A-n78(3700-3800)A	30	90	650000	120@60	DFT_256QAM	16.45	18.27
DC_25A-n78(3700-3800)A	30	90	650000	1@1	DFT_256QAM	16.23	18.05
DC_25A-n78(3700-3800)A	30	90	650000	1@243	DFT_256QAM	15.94	17.76
DC_25A-n78(3700-3800)A	30	90	650000	245@0	CP_QPSK	16.89	18.71
DC_25A-n78(3700-3800)A	30	90	650000	123@61	CP_QPSK	16.92	18.74
DC_25A-n78(3700-3800)A	30	90	650000	1@1	CP_QPSK	16.98	18.80
DC_25A-n78(3700-3800)A	30	90	650000	1@243	CP_QPSK	16.75	18.57
DC_25A-n78(3700-3800)A	30	90	650000	245@0	CP_16QAM	17.01	18.83
DC_25A-n78(3700-3800)A	30	90	650000	123@61	CP_16QAM	17.02	18.84
DC_25A-n78(3700-3800)A	30	90	650000	1@1	CP_16QAM	16.94	18.76
DC_25A-n78(3700-3800)A	30	90	650000	1@243	CP_16QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	90	650000	245@0	CP_64QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	90	650000	123@61	CP_64QAM	16.96	18.78
DC_25A-n78(3700-3800)A	30	90	650000	1@1	CP_64QAM	17.13	18.95
DC_25A-n78(3700-3800)A	30	90	650000	1@243	CP_64QAM	16.88	18.70
DC_25A-n78(3700-3800)A	30	90	650000	245@0	CP_256QAM	14.01	15.83
DC_25A-n78(3700-3800)A	30	90	650000	123@61	CP_256QAM	14.18	16.00
DC_25A-n78(3700-3800)A	30	90	650000	1@1	CP_256QAM	13.95	15.77
DC_25A-n78(3700-3800)A	30	90	650000	1@243	CP_256QAM	13.68	15.50
DC_25A-n78(3700-3800)A	30	90	650332	240@0	DFT_BPSK	17.05	18.87
DC_25A-n78(3700-3800)A	30	90	650332	120@60	DFT_BPSK	16.95	18.77
DC_25A-n78(3700-3800)A	30	90	650332	1@1	DFT_BPSK	17.22	19.04

DC_25A-n78(3700-3800)A	30	90	650332	1@243	DFT_BPSK	16.68	18.50
DC_25A-n78(3700-3800)A	30	90	650332	240@0	DFT_QPSK	17.09	18.91
DC_25A-n78(3700-3800)A	30	90	650332	120@60	DFT_QPSK	16.95	18.77
DC_25A-n78(3700-3800)A	30	90	650332	1@1	DFT_QPSK	17.16	18.98
DC_25A-n78(3700-3800)A	30	90	650332	1@243	DFT_QPSK	16.73	18.55
DC_25A-n78(3700-3800)A	30	90	650332	240@0	DFT_16QAM	16.91	18.73
DC_25A-n78(3700-3800)A	30	90	650332	120@60	DFT_16QAM	17.02	18.84
DC_25A-n78(3700-3800)A	30	90	650332	1@1	DFT_16QAM	17.30	19.12
DC_25A-n78(3700-3800)A	30	90	650332	1@243	DFT_16QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	90	650332	240@0	DFT_64QAM	16.87	18.69
DC_25A-n78(3700-3800)A	30	90	650332	120@60	DFT_64QAM	16.97	18.79
DC_25A-n78(3700-3800)A	30	90	650332	1@1	DFT_64QAM	17.01	18.83
DC_25A-n78(3700-3800)A	30	90	650332	1@243	DFT_64QAM	16.53	18.35
DC_25A-n78(3700-3800)A	30	90	650332	240@0	DFT_256QAM	16.62	18.44
DC_25A-n78(3700-3800)A	30	90	650332	120@60	DFT_256QAM	16.57	18.39
DC_25A-n78(3700-3800)A	30	90	650332	1@1	DFT_256QAM	16.32	18.14
DC_25A-n78(3700-3800)A	30	90	650332	1@243	DFT_256QAM	15.97	17.79
DC_25A-n78(3700-3800)A	30	90	650332	245@0	CP_QPSK	16.94	18.76
DC_25A-n78(3700-3800)A	30	90	650332	123@61	CP_QPSK	17.09	18.91
DC_25A-n78(3700-3800)A	30	90	650332	1@1	CP_QPSK	17.23	19.05
DC_25A-n78(3700-3800)A	30	90	650332	1@243	CP_QPSK	16.75	18.57
DC_25A-n78(3700-3800)A	30	90	650332	245@0	CP_16QAM	16.77	18.59

DC_25A-n78(3700-3800)A	30	90	650332	123@61	CP_16QAM	17.11	18.93
DC_25A-n78(3700-3800)A	30	90	650332	1@1	CP_16QAM	17.10	18.92
DC_25A-n78(3700-3800)A	30	90	650332	1@243	CP_16QAM	16.77	18.59
DC_25A-n78(3700-3800)A	30	90	650332	245@0	CP_64QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	90	650332	123@61	CP_64QAM	16.96	18.78
DC_25A-n78(3700-3800)A	30	90	650332	1@1	CP_64QAM	17.19	19.01
DC_25A-n78(3700-3800)A	30	90	650332	1@243	CP_64QAM	16.73	18.55
DC_25A-n78(3700-3800)A	30	90	650332	245@0	CP_256QAM	14.06	15.88
DC_25A-n78(3700-3800)A	30	90	650332	123@61	CP_256QAM	14.20	16.02
DC_25A-n78(3700-3800)A	30	90	650332	1@1	CP_256QAM	14.13	15.95
DC_25A-n78(3700-3800)A	30	90	650332	1@243	CP_256QAM	13.72	15.54
DC_25A-n78(3700-3800)A	30	100	650000	270@0	DFT_BPSK	16.85	18.67
DC_25A-n78(3700-3800)A	30	100	650000	135@67	DFT_BPSK	16.96	18.78
DC_25A-n78(3700-3800)A	30	100	650000	1@1	DFT_BPSK	16.84	18.66
DC_25A-n78(3700-3800)A	30	100	650000	1@271	DFT_BPSK	16.72	18.54
DC_25A-n78(3700-3800)A	30	100	650000	270@0	DFT_QPSK	16.80	18.62
DC_25A-n78(3700-3800)A	30	100	650000	135@67	DFT_QPSK	16.85	18.67
DC_25A-n78(3700-3800)A	30	100	650000	1@1	DFT_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	100	650000	1@271	DFT_QPSK	16.73	18.55
DC_25A-n78(3700-3800)A	30	100	650000	270@0	DFT_16QAM	16.95	18.77
DC_25A-n78(3700-3800)A	30	100	650000	135@67	DFT_16QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	100	650000	1@1	DFT_16QAM	16.93	18.75

DC_25A-n78(3700-3800)A	30	100	650000	1@271	DFT_16QAM	16.78	18.60
DC_25A-n78(3700-3800)A	30	100	650000	270@0	DFT_64QAM	16.95	18.77
DC_25A-n78(3700-3800)A	30	100	650000	135@67	DFT_64QAM	16.95	18.77
DC_25A-n78(3700-3800)A	30	100	650000	1@1	DFT_64QAM	16.57	18.39
DC_25A-n78(3700-3800)A	30	100	650000	1@271	DFT_64QAM	16.55	18.37
DC_25A-n78(3700-3800)A	30	100	650000	270@0	DFT_256QAM	16.51	18.33
DC_25A-n78(3700-3800)A	30	100	650000	135@67	DFT_256QAM	16.45	18.27
DC_25A-n78(3700-3800)A	30	100	650000	1@1	DFT_256QAM	15.96	17.78
DC_25A-n78(3700-3800)A	30	100	650000	1@271	DFT_256QAM	15.84	17.66
DC_25A-n78(3700-3800)A	30	100	650000	273@0	CP_QPSK	16.92	18.74
DC_25A-n78(3700-3800)A	30	100	650000	137@68	CP_QPSK	16.87	18.69
DC_25A-n78(3700-3800)A	30	100	650000	1@1	CP_QPSK	16.82	18.64
DC_25A-n78(3700-3800)A	30	100	650000	1@271	CP_QPSK	16.75	18.57
DC_25A-n78(3700-3800)A	30	100	650000	273@0	CP_16QAM	16.80	18.62
DC_25A-n78(3700-3800)A	30	100	650000	137@68	CP_16QAM	16.98	18.80
DC_25A-n78(3700-3800)A	30	100	650000	1@1	CP_16QAM	16.91	18.73
DC_25A-n78(3700-3800)A	30	100	650000	1@271	CP_16QAM	16.78	18.60
DC_25A-n78(3700-3800)A	30	100	650000	273@0	CP_64QAM	16.94	18.76
DC_25A-n78(3700-3800)A	30	100	650000	137@68	CP_64QAM	16.93	18.75
DC_25A-n78(3700-3800)A	30	100	650000	1@1	CP_64QAM	16.82	18.64
DC_25A-n78(3700-3800)A	30	100	650000	1@271	CP_64QAM	16.77	18.59
DC_25A-n78(3700-3800)A	30	100	650000	273@0	CP_256QAM	14.20	16.02

DC_25A-n78(3700-3800)A	30	100	650000	137@68	CP_256QAM	14.15	15.97
DC_25A-n78(3700-3800)A	30	100	650000	1@1	CP_256QAM	13.77	15.59
DC_25A-n78(3700-3800)A	30	100	650000	1@271	CP_256QAM	13.80	15.62

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)
DC_26A-n78(3700-3800)A	30	20	647334	50@0	DFT_BPSK	17.23	19.05
DC_26A-n78(3700-3800)A	30	20	647334	25@12	DFT_BPSK	17.18	19.00
DC_26A-n78(3700-3800)A	30	20	647334	1@1	DFT_BPSK	17.13	18.95
DC_26A-n78(3700-3800)A	30	20	647334	1@49	DFT_BPSK	17.25	19.07
DC_26A-n78(3700-3800)A	30	20	647334	50@0	DFT_QPSK	17.00	18.82
DC_26A-n78(3700-3800)A	30	20	647334	25@12	DFT_QPSK	17.03	18.85
DC_26A-n78(3700-3800)A	30	20	647334	1@1	DFT_QPSK	17.11	18.93
DC_26A-n78(3700-3800)A	30	20	647334	1@49	DFT_QPSK	17.21	19.03
DC_26A-n78(3700-3800)A	30	20	647334	50@0	DFT_16QAM	17.20	19.02
DC_26A-n78(3700-3800)A	30	20	647334	25@12	DFT_16QAM	17.16	18.98
DC_26A-n78(3700-3800)A	30	20	647334	1@1	DFT_16QAM	17.22	19.04
DC_26A-n78(3700-3800)A	30	20	647334	1@49	DFT_16QAM	17.43	19.25
DC_26A-n78(3700-3800)A	30	20	647334	50@0	DFT_64QAM	17.26	19.08
DC_26A-n78(3700-3800)A	30	20	647334	25@12	DFT_64QAM	17.17	18.99
DC_26A-n78(3700-3800)A	30	20	647334	1@1	DFT_64QAM	16.94	18.76
DC_26A-n78(3700-3800)A	30	20	647334	1@49	DFT_64QAM	17.03	18.85
DC_26A-n78(3700-3800)A	30	20	647334	50@0	DFT_256QAM	16.57	18.39

DC_26A-n78(3700-3800)A	30	20	647334	25@12	DFT_256QAM	16.66	18.48
DC_26A-n78(3700-3800)A	30	20	647334	1@1	DFT_256QAM	16.23	18.05
DC_26A-n78(3700-3800)A	30	20	647334	1@49	DFT_256QAM	16.43	18.25
DC_26A-n78(3700-3800)A	30	20	647334	51@0	CP_QPSK	17.14	18.96
DC_26A-n78(3700-3800)A	30	20	647334	25@12	CP_QPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	20	647334	1@1	CP_QPSK	17.16	18.98
DC_26A-n78(3700-3800)A	30	20	647334	1@49	CP_QPSK	17.32	19.14
DC_26A-n78(3700-3800)A	30	20	647334	51@0	CP_16QAM	17.09	18.91
DC_26A-n78(3700-3800)A	30	20	647334	25@12	CP_16QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	20	647334	1@1	CP_16QAM	17.25	19.07
DC_26A-n78(3700-3800)A	30	20	647334	1@49	CP_16QAM	17.32	19.14
DC_26A-n78(3700-3800)A	30	20	647334	51@0	CP_64QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	20	647334	25@12	CP_64QAM	17.17	18.99
DC_26A-n78(3700-3800)A	30	20	647334	1@1	CP_64QAM	17.10	18.92
DC_26A-n78(3700-3800)A	30	20	647334	1@49	CP_64QAM	17.37	19.19
DC_26A-n78(3700-3800)A	30	20	647334	51@0	CP_256QAM	14.26	16.08
DC_26A-n78(3700-3800)A	30	20	647334	25@12	CP_256QAM	14.30	16.12
DC_26A-n78(3700-3800)A	30	20	647334	1@1	CP_256QAM	14.07	15.89
DC_26A-n78(3700-3800)A	30	20	647334	1@49	CP_256QAM	14.09	15.91
DC_26A-n78(3700-3800)A	30	20	650000	50@0	DFT_BPSK	17.18	19.00
DC_26A-n78(3700-3800)A	30	20	650000	25@12	DFT_BPSK	17.19	19.01
DC_26A-n78(3700-3800)A	30	20	650000	1@1	DFT_BPSK	17.43	19.25

DC_26A-n78(3700-3800)A	30	20	650000	1@49	DFT_BPSK	17.13	18.95
DC_26A-n78(3700-3800)A	30	20	650000	50@0	DFT_QPSK	17.20	19.02
DC_26A-n78(3700-3800)A	30	20	650000	25@12	DFT_QPSK	17.14	18.96
DC_26A-n78(3700-3800)A	30	20	650000	1@1	DFT_QPSK	17.38	19.20
DC_26A-n78(3700-3800)A	30	20	650000	1@49	DFT_QPSK	17.16	18.98
DC_26A-n78(3700-3800)A	30	20	650000	50@0	DFT_16QAM	17.21	19.03
DC_26A-n78(3700-3800)A	30	20	650000	25@12	DFT_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	20	650000	1@1	DFT_16QAM	17.51	19.33
DC_26A-n78(3700-3800)A	30	20	650000	1@49	DFT_16QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	20	650000	50@0	DFT_64QAM	17.04	18.86
DC_26A-n78(3700-3800)A	30	20	650000	25@12	DFT_64QAM	17.00	18.82
DC_26A-n78(3700-3800)A	30	20	650000	1@1	DFT_64QAM	17.09	18.91
DC_26A-n78(3700-3800)A	30	20	650000	1@49	DFT_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	20	650000	50@0	DFT_256QAM	16.72	18.54
DC_26A-n78(3700-3800)A	30	20	650000	25@12	DFT_256QAM	16.64	18.46
DC_26A-n78(3700-3800)A	30	20	650000	1@1	DFT_256QAM	16.46	18.28
DC_26A-n78(3700-3800)A	30	20	650000	1@49	DFT_256QAM	16.42	18.24
DC_26A-n78(3700-3800)A	30	20	650000	51@0	CP_QPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	20	650000	25@12	CP_QPSK	17.18	19.00
DC_26A-n78(3700-3800)A	30	20	650000	1@1	CP_QPSK	17.48	19.30
DC_26A-n78(3700-3800)A	30	20	650000	1@49	CP_QPSK	17.23	19.05
DC_26A-n78(3700-3800)A	30	20	650000	51@0	CP_16QAM	17.14	18.96

DC_26A-n78(3700-3800)A	30	20	650000	25@12	CP_16QAM	17.21	19.03
DC_26A-n78(3700-3800)A	30	20	650000	1@1	CP_16QAM	17.53	19.35
DC_26A-n78(3700-3800)A	30	20	650000	1@49	CP_16QAM	17.28	19.10
DC_26A-n78(3700-3800)A	30	20	650000	51@0	CP_64QAM	17.22	19.04
DC_26A-n78(3700-3800)A	30	20	650000	25@12	CP_64QAM	17.20	19.02
DC_26A-n78(3700-3800)A	30	20	650000	1@1	CP_64QAM	17.43	19.25
DC_26A-n78(3700-3800)A	30	20	650000	1@49	CP_64QAM	17.10	18.92
DC_26A-n78(3700-3800)A	30	20	650000	51@0	CP_256QAM	14.39	16.21
DC_26A-n78(3700-3800)A	30	20	650000	25@12	CP_256QAM	14.44	16.26
DC_26A-n78(3700-3800)A	30	20	650000	1@1	CP_256QAM	14.22	16.04
DC_26A-n78(3700-3800)A	30	20	650000	1@49	CP_256QAM	14.09	15.91
DC_26A-n78(3700-3800)A	30	20	652666	50@0	DFT_BPSK	17.12	18.94
DC_26A-n78(3700-3800)A	30	20	652666	25@12	DFT_BPSK	17.14	18.96
DC_26A-n78(3700-3800)A	30	20	652666	1@1	DFT_BPSK	17.25	19.07
DC_26A-n78(3700-3800)A	30	20	652666	1@49	DFT_BPSK	17.09	18.91
DC_26A-n78(3700-3800)A	30	20	652666	50@0	DFT_QPSK	17.17	18.99
DC_26A-n78(3700-3800)A	30	20	652666	25@12	DFT_QPSK	17.16	18.98
DC_26A-n78(3700-3800)A	30	20	652666	1@1	DFT_QPSK	17.29	19.11
DC_26A-n78(3700-3800)A	30	20	652666	1@49	DFT_QPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	20	652666	50@0	DFT_16QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	20	652666	25@12	DFT_16QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	20	652666	1@1	DFT_16QAM	17.29	19.11

DC_26A-n78(3700-3800)A	30	20	652666	1@49	DFT_16QAM	17.22	19.04
DC_26A-n78(3700-3800)A	30	20	652666	50@0	DFT_64QAM	17.25	19.07
DC_26A-n78(3700-3800)A	30	20	652666	25@12	DFT_64QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	20	652666	1@1	DFT_64QAM	17.22	19.04
DC_26A-n78(3700-3800)A	30	20	652666	1@49	DFT_64QAM	16.79	18.61
DC_26A-n78(3700-3800)A	30	20	652666	50@0	DFT_256QAM	16.64	18.46
DC_26A-n78(3700-3800)A	30	20	652666	25@12	DFT_256QAM	16.64	18.46
DC_26A-n78(3700-3800)A	30	20	652666	1@1	DFT_256QAM	16.55	18.37
DC_26A-n78(3700-3800)A	30	20	652666	1@49	DFT_256QAM	16.37	18.19
DC_26A-n78(3700-3800)A	30	20	652666	51@0	CP_QPSK	17.03	18.85
DC_26A-n78(3700-3800)A	30	20	652666	25@12	CP_QPSK	17.18	19.00
DC_26A-n78(3700-3800)A	30	20	652666	1@1	CP_QPSK	17.23	19.05
DC_26A-n78(3700-3800)A	30	20	652666	1@49	CP_QPSK	17.19	19.01
DC_26A-n78(3700-3800)A	30	20	652666	51@0	CP_16QAM	17.04	18.86
DC_26A-n78(3700-3800)A	30	20	652666	25@12	CP_16QAM	17.20	19.02
DC_26A-n78(3700-3800)A	30	20	652666	1@1	CP_16QAM	17.22	19.04
DC_26A-n78(3700-3800)A	30	20	652666	1@49	CP_16QAM	17.17	18.99
DC_26A-n78(3700-3800)A	30	20	652666	51@0	CP_64QAM	17.16	18.98
DC_26A-n78(3700-3800)A	30	20	652666	25@12	CP_64QAM	17.21	19.03
DC_26A-n78(3700-3800)A	30	20	652666	1@1	CP_64QAM	17.22	19.04
DC_26A-n78(3700-3800)A	30	20	652666	1@49	CP_64QAM	17.13	18.95
DC_26A-n78(3700-3800)A	30	20	652666	51@0	CP_256QAM	14.29	16.11

DC_26A-n78(3700-3800)A	30	20	652666	25@12	CP_256QAM	14.39	16.21
DC_26A-n78(3700-3800)A	30	20	652666	1@1	CP_256QAM	14.29	16.11
DC_26A-n78(3700-3800)A	30	20	652666	1@49	CP_256QAM	14.27	16.09
DC_26A-n78(3700-3800)A	30	30	647668	75@0	DFT_BPSK	17.20	19.02
DC_26A-n78(3700-3800)A	30	30	647668	36@18	DFT_BPSK	17.17	18.99
DC_26A-n78(3700-3800)A	30	30	647668	1@1	DFT_BPSK	17.04	18.86
DC_26A-n78(3700-3800)A	30	30	647668	1@76	DFT_BPSK	17.21	19.03
DC_26A-n78(3700-3800)A	30	30	647668	75@0	DFT_QPSK	17.20	19.02
DC_26A-n78(3700-3800)A	30	30	647668	36@18	DFT_QPSK	17.20	19.02
DC_26A-n78(3700-3800)A	30	30	647668	1@1	DFT_QPSK	17.01	18.83
DC_26A-n78(3700-3800)A	30	30	647668	1@76	DFT_QPSK	17.27	19.09
DC_26A-n78(3700-3800)A	30	30	647668	75@0	DFT_16QAM	17.23	19.05
DC_26A-n78(3700-3800)A	30	30	647668	36@18	DFT_16QAM	17.18	19.00
DC_26A-n78(3700-3800)A	30	30	647668	1@1	DFT_16QAM	17.11	18.93
DC_26A-n78(3700-3800)A	30	30	647668	1@76	DFT_16QAM	17.41	19.23
DC_26A-n78(3700-3800)A	30	30	647668	75@0	DFT_64QAM	17.21	19.03
DC_26A-n78(3700-3800)A	30	30	647668	36@18	DFT_64QAM	17.11	18.93
DC_26A-n78(3700-3800)A	30	30	647668	1@1	DFT_64QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	30	647668	1@76	DFT_64QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	30	647668	75@0	DFT_256QAM	16.57	18.39
DC_26A-n78(3700-3800)A	30	30	647668	36@18	DFT_256QAM	16.61	18.43
DC_26A-n78(3700-3800)A	30	30	647668	1@1	DFT_256QAM	16.26	18.08

DC_26A-n78(3700-3800)A	30	30	647668	1@76	DFT_256QAM	16.41	18.23
DC_26A-n78(3700-3800)A	30	30	647668	78@0	CP_QPSK	17.21	19.03
DC_26A-n78(3700-3800)A	30	30	647668	39@19	CP_QPSK	17.28	19.10
DC_26A-n78(3700-3800)A	30	30	647668	1@1	CP_QPSK	17.17	18.99
DC_26A-n78(3700-3800)A	30	30	647668	1@76	CP_QPSK	17.11	18.93
DC_26A-n78(3700-3800)A	30	30	647668	78@0	CP_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	30	647668	39@19	CP_16QAM	17.32	19.14
DC_26A-n78(3700-3800)A	30	30	647668	1@1	CP_16QAM	17.18	19.00
DC_26A-n78(3700-3800)A	30	30	647668	1@76	CP_16QAM	17.18	19.00
DC_26A-n78(3700-3800)A	30	30	647668	78@0	CP_64QAM	17.19	19.01
DC_26A-n78(3700-3800)A	30	30	647668	39@19	CP_64QAM	17.23	19.05
DC_26A-n78(3700-3800)A	30	30	647668	1@1	CP_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	30	647668	1@76	CP_64QAM	17.18	19.00
DC_26A-n78(3700-3800)A	30	30	647668	78@0	CP_256QAM	14.27	16.09
DC_26A-n78(3700-3800)A	30	30	647668	39@19	CP_256QAM	14.37	16.19
DC_26A-n78(3700-3800)A	30	30	647668	1@1	CP_256QAM	13.98	15.80
DC_26A-n78(3700-3800)A	30	30	647668	1@76	CP_256QAM	14.16	15.98
DC_26A-n78(3700-3800)A	30	30	650000	75@0	DFT_BPSK	17.10	18.92
DC_26A-n78(3700-3800)A	30	30	650000	36@18	DFT_BPSK	17.16	18.98
DC_26A-n78(3700-3800)A	30	30	650000	1@1	DFT_BPSK	17.41	19.23
DC_26A-n78(3700-3800)A	30	30	650000	1@76	DFT_BPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	30	650000	75@0	DFT_QPSK	17.17	18.99

DC_26A-n78(3700-3800)A	30	30	650000	36@18	DFT_QPSK	17.16	18.98
DC_26A-n78(3700-3800)A	30	30	650000	1@1	DFT_QPSK	17.35	19.17
DC_26A-n78(3700-3800)A	30	30	650000	1@76	DFT_QPSK	17.12	18.94
DC_26A-n78(3700-3800)A	30	30	650000	75@0	DFT_16QAM	17.18	19.00
DC_26A-n78(3700-3800)A	30	30	650000	36@18	DFT_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	30	650000	1@1	DFT_16QAM	17.45	19.27
DC_26A-n78(3700-3800)A	30	30	650000	1@76	DFT_16QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	30	650000	75@0	DFT_64QAM	17.18	19.00
DC_26A-n78(3700-3800)A	30	30	650000	36@18	DFT_64QAM	17.17	18.99
DC_26A-n78(3700-3800)A	30	30	650000	1@1	DFT_64QAM	17.18	19.00
DC_26A-n78(3700-3800)A	30	30	650000	1@76	DFT_64QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	30	650000	75@0	DFT_256QAM	16.55	18.37
DC_26A-n78(3700-3800)A	30	30	650000	36@18	DFT_256QAM	16.55	18.37
DC_26A-n78(3700-3800)A	30	30	650000	1@1	DFT_256QAM	16.50	18.32
DC_26A-n78(3700-3800)A	30	30	650000	1@76	DFT_256QAM	16.30	18.12
DC_26A-n78(3700-3800)A	30	30	650000	78@0	CP_QPSK	17.18	19.00
DC_26A-n78(3700-3800)A	30	30	650000	39@19	CP_QPSK	17.10	18.92
DC_26A-n78(3700-3800)A	30	30	650000	1@1	CP_QPSK	17.45	19.27
DC_26A-n78(3700-3800)A	30	30	650000	1@76	CP_QPSK	17.16	18.98
DC_26A-n78(3700-3800)A	30	30	650000	78@0	CP_16QAM	17.17	18.99
DC_26A-n78(3700-3800)A	30	30	650000	39@19	CP_16QAM	17.19	19.01
DC_26A-n78(3700-3800)A	30	30	650000	1@1	CP_16QAM	17.38	19.20

DC_26A-n78(3700-3800)A	30	30	650000	1@76	CP_16QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	30	650000	78@0	CP_64QAM	17.17	18.99
DC_26A-n78(3700-3800)A	30	30	650000	39@19	CP_64QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	30	650000	1@1	CP_64QAM	17.38	19.20
DC_26A-n78(3700-3800)A	30	30	650000	1@76	CP_64QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	30	650000	78@0	CP_256QAM	14.40	16.22
DC_26A-n78(3700-3800)A	30	30	650000	39@19	CP_256QAM	14.33	16.15
DC_26A-n78(3700-3800)A	30	30	650000	1@1	CP_256QAM	14.39	16.21
DC_26A-n78(3700-3800)A	30	30	650000	1@76	CP_256QAM	13.99	15.81
DC_26A-n78(3700-3800)A	30	30	652332	75@0	DFT_BPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	30	652332	36@18	DFT_BPSK	17.11	18.93
DC_26A-n78(3700-3800)A	30	30	652332	1@1	DFT_BPSK	17.26	19.08
DC_26A-n78(3700-3800)A	30	30	652332	1@76	DFT_BPSK	16.93	18.75
DC_26A-n78(3700-3800)A	30	30	652332	75@0	DFT_QPSK	17.09	18.91
DC_26A-n78(3700-3800)A	30	30	652332	36@18	DFT_QPSK	17.13	18.95
DC_26A-n78(3700-3800)A	30	30	652332	1@1	DFT_QPSK	17.20	19.02
DC_26A-n78(3700-3800)A	30	30	652332	1@76	DFT_QPSK	17.00	18.82
DC_26A-n78(3700-3800)A	30	30	652332	75@0	DFT_16QAM	17.10	18.92
DC_26A-n78(3700-3800)A	30	30	652332	36@18	DFT_16QAM	17.13	18.95
DC_26A-n78(3700-3800)A	30	30	652332	1@1	DFT_16QAM	17.37	19.19
DC_26A-n78(3700-3800)A	30	30	652332	1@76	DFT_16QAM	17.17	18.99
DC_26A-n78(3700-3800)A	30	30	652332	75@0	DFT_64QAM	17.12	18.94

DC_26A-n78(3700-3800)A	30	30	652332	36@18	DFT_64QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	30	652332	1@1	DFT_64QAM	16.97	18.79
DC_26A-n78(3700-3800)A	30	30	652332	1@76	DFT_64QAM	16.77	18.59
DC_26A-n78(3700-3800)A	30	30	652332	75@0	DFT_256QAM	16.59	18.41
DC_26A-n78(3700-3800)A	30	30	652332	36@18	DFT_256QAM	16.59	18.41
DC_26A-n78(3700-3800)A	30	30	652332	1@1	DFT_256QAM	16.43	18.25
DC_26A-n78(3700-3800)A	30	30	652332	1@76	DFT_256QAM	16.22	18.04
DC_26A-n78(3700-3800)A	30	30	652332	78@0	CP_QPSK	17.09	18.91
DC_26A-n78(3700-3800)A	30	30	652332	39@19	CP_QPSK	17.14	18.96
DC_26A-n78(3700-3800)A	30	30	652332	1@1	CP_QPSK	17.32	19.14
DC_26A-n78(3700-3800)A	30	30	652332	1@76	CP_QPSK	17.04	18.86
DC_26A-n78(3700-3800)A	30	30	652332	78@0	CP_16QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	30	652332	39@19	CP_16QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	30	652332	1@1	CP_16QAM	17.23	19.05
DC_26A-n78(3700-3800)A	30	30	652332	1@76	CP_16QAM	16.97	18.79
DC_26A-n78(3700-3800)A	30	30	652332	78@0	CP_64QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	30	652332	39@19	CP_64QAM	17.04	18.86
DC_26A-n78(3700-3800)A	30	30	652332	1@1	CP_64QAM	17.28	19.10
DC_26A-n78(3700-3800)A	30	30	652332	1@76	CP_64QAM	17.03	18.85
DC_26A-n78(3700-3800)A	30	30	652332	78@0	CP_256QAM	14.36	16.18
DC_26A-n78(3700-3800)A	30	30	652332	39@19	CP_256QAM	14.44	16.26
DC_26A-n78(3700-3800)A	30	30	652332	1@1	CP_256QAM	14.36	16.18

DC_26A-n78(3700-3800)A	30	30	652332	1@76	CP_256QAM	14.12	15.94
DC_26A-n78(3700-3800)A	30	40	648000	100@0	DFT_BPSK	17.45	19.27
DC_26A-n78(3700-3800)A	30	40	648000	50@25	DFT_BPSK	17.47	19.29
DC_26A-n78(3700-3800)A	30	40	648000	1@1	DFT_BPSK	17.37	19.19
DC_26A-n78(3700-3800)A	30	40	648000	1@104	DFT_BPSK	17.34	19.16
DC_26A-n78(3700-3800)A	30	40	648000	100@0	DFT_QPSK	17.42	19.24
DC_26A-n78(3700-3800)A	30	40	648000	50@25	DFT_QPSK	17.39	19.21
DC_26A-n78(3700-3800)A	30	40	648000	1@1	DFT_QPSK	17.30	19.12
DC_26A-n78(3700-3800)A	30	40	648000	1@104	DFT_QPSK	17.42	19.24
DC_26A-n78(3700-3800)A	30	40	648000	100@0	DFT_16QAM	17.45	19.27
DC_26A-n78(3700-3800)A	30	40	648000	50@25	DFT_16QAM	17.47	19.29
DC_26A-n78(3700-3800)A	30	40	648000	1@1	DFT_16QAM	17.42	19.24
DC_26A-n78(3700-3800)A	30	40	648000	1@104	DFT_16QAM	17.59	19.41
DC_26A-n78(3700-3800)A	30	40	648000	100@0	DFT_64QAM	17.43	19.25
DC_26A-n78(3700-3800)A	30	40	648000	50@25	DFT_64QAM	17.55	19.37
DC_26A-n78(3700-3800)A	30	40	648000	1@1	DFT_64QAM	17.27	19.09
DC_26A-n78(3700-3800)A	30	40	648000	1@104	DFT_64QAM	17.29	19.11
DC_26A-n78(3700-3800)A	30	40	648000	100@0	DFT_256QAM	16.97	18.79
DC_26A-n78(3700-3800)A	30	40	648000	50@25	DFT_256QAM	16.70	18.52
DC_26A-n78(3700-3800)A	30	40	648000	1@1	DFT_256QAM	16.63	18.45
DC_26A-n78(3700-3800)A	30	40	648000	1@104	DFT_256QAM	16.68	18.50
DC_26A-n78(3700-3800)A	30	40	648000	106@0	CP_QPSK	17.36	19.18

DC_26A-n78(3700-3800)A	30	40	648000	53@26	CP_QPSK	17.39	19.21
DC_26A-n78(3700-3800)A	30	40	648000	1@1	CP_QPSK	17.36	19.18
DC_26A-n78(3700-3800)A	30	40	648000	1@104	CP_QPSK	17.27	19.09
DC_26A-n78(3700-3800)A	30	40	648000	106@0	CP_16QAM	17.36	19.18
DC_26A-n78(3700-3800)A	30	40	648000	53@26	CP_16QAM	17.34	19.16
DC_26A-n78(3700-3800)A	30	40	648000	1@1	CP_16QAM	17.39	19.21
DC_26A-n78(3700-3800)A	30	40	648000	1@104	CP_16QAM	17.30	19.12
DC_26A-n78(3700-3800)A	30	40	648000	106@0	CP_64QAM	17.39	19.21
DC_26A-n78(3700-3800)A	30	40	648000	53@26	CP_64QAM	17.29	19.11
DC_26A-n78(3700-3800)A	30	40	648000	1@1	CP_64QAM	17.38	19.20
DC_26A-n78(3700-3800)A	30	40	648000	1@104	CP_64QAM	17.39	19.21
DC_26A-n78(3700-3800)A	30	40	648000	106@0	CP_256QAM	14.43	16.25
DC_26A-n78(3700-3800)A	30	40	648000	53@26	CP_256QAM	14.48	16.30
DC_26A-n78(3700-3800)A	30	40	648000	1@1	CP_256QAM	14.26	16.08
DC_26A-n78(3700-3800)A	30	40	648000	1@104	CP_256QAM	14.20	16.02
DC_26A-n78(3700-3800)A	30	40	650000	100@0	DFT_BPSK	17.19	19.01
DC_26A-n78(3700-3800)A	30	40	650000	50@25	DFT_BPSK	17.22	19.04
DC_26A-n78(3700-3800)A	30	40	650000	1@1	DFT_BPSK	17.37	19.19
DC_26A-n78(3700-3800)A	30	40	650000	1@104	DFT_BPSK	17.28	19.10
DC_26A-n78(3700-3800)A	30	40	650000	100@0	DFT_QPSK	17.29	19.11
DC_26A-n78(3700-3800)A	30	40	650000	50@25	DFT_QPSK	17.25	19.07
DC_26A-n78(3700-3800)A	30	40	650000	1@1	DFT_QPSK	17.48	19.30

DC_26A-n78(3700-3800)A	30	40	650000	1@104	DFT_QPSK	17.22	19.04
DC_26A-n78(3700-3800)A	30	40	650000	100@0	DFT_16QAM	17.28	19.10
DC_26A-n78(3700-3800)A	30	40	650000	50@25	DFT_16QAM	17.16	18.98
DC_26A-n78(3700-3800)A	30	40	650000	1@1	DFT_16QAM	17.50	19.32
DC_26A-n78(3700-3800)A	30	40	650000	1@104	DFT_16QAM	17.30	19.12
DC_26A-n78(3700-3800)A	30	40	650000	100@0	DFT_64QAM	17.10	18.92
DC_26A-n78(3700-3800)A	30	40	650000	50@25	DFT_64QAM	17.29	19.11
DC_26A-n78(3700-3800)A	30	40	650000	1@1	DFT_64QAM	17.38	19.20
DC_26A-n78(3700-3800)A	30	40	650000	1@104	DFT_64QAM	17.12	18.94
DC_26A-n78(3700-3800)A	30	40	650000	100@0	DFT_256QAM	16.75	18.57
DC_26A-n78(3700-3800)A	30	40	650000	50@25	DFT_256QAM	16.66	18.48
DC_26A-n78(3700-3800)A	30	40	650000	1@1	DFT_256QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	40	650000	1@104	DFT_256QAM	16.39	18.21
DC_26A-n78(3700-3800)A	30	40	650000	106@0	CP_QPSK	17.27	19.09
DC_26A-n78(3700-3800)A	30	40	650000	53@26	CP_QPSK	17.20	19.02
DC_26A-n78(3700-3800)A	30	40	650000	1@1	CP_QPSK	17.60	19.42
DC_26A-n78(3700-3800)A	30	40	650000	1@104	CP_QPSK	17.18	19.00
DC_26A-n78(3700-3800)A	30	40	650000	106@0	CP_16QAM	17.23	19.05
DC_26A-n78(3700-3800)A	30	40	650000	53@26	CP_16QAM	17.10	18.92
DC_26A-n78(3700-3800)A	30	40	650000	1@1	CP_16QAM	17.54	19.36
DC_26A-n78(3700-3800)A	30	40	650000	1@104	CP_16QAM	17.32	19.14
DC_26A-n78(3700-3800)A	30	40	650000	106@0	CP_64QAM	17.16	18.98

DC_26A-n78(3700-3800)A	30	40	650000	53@26	CP_64QAM	17.16	18.98
DC_26A-n78(3700-3800)A	30	40	650000	1@1	CP_64QAM	17.52	19.34
DC_26A-n78(3700-3800)A	30	40	650000	1@104	CP_64QAM	17.26	19.08
DC_26A-n78(3700-3800)A	30	40	650000	106@0	CP_256QAM	14.38	16.20
DC_26A-n78(3700-3800)A	30	40	650000	53@26	CP_256QAM	14.30	16.12
DC_26A-n78(3700-3800)A	30	40	650000	1@1	CP_256QAM	14.55	16.37
DC_26A-n78(3700-3800)A	30	40	650000	1@104	CP_256QAM	14.14	15.96
DC_26A-n78(3700-3800)A	30	40	652000	100@0	DFT_BPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	40	652000	50@25	DFT_BPSK	16.94	18.76
DC_26A-n78(3700-3800)A	30	40	652000	1@1	DFT_BPSK	17.23	19.05
DC_26A-n78(3700-3800)A	30	40	652000	1@104	DFT_BPSK	17.03	18.85
DC_26A-n78(3700-3800)A	30	40	652000	100@0	DFT_QPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	40	652000	50@25	DFT_QPSK	16.95	18.77
DC_26A-n78(3700-3800)A	30	40	652000	1@1	DFT_QPSK	17.28	19.10
DC_26A-n78(3700-3800)A	30	40	652000	1@104	DFT_QPSK	17.09	18.91
DC_26A-n78(3700-3800)A	30	40	652000	100@0	DFT_16QAM	17.03	18.85
DC_26A-n78(3700-3800)A	30	40	652000	50@25	DFT_16QAM	17.00	18.82
DC_26A-n78(3700-3800)A	30	40	652000	1@1	DFT_16QAM	17.30	19.12
DC_26A-n78(3700-3800)A	30	40	652000	1@104	DFT_16QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	40	652000	100@0	DFT_64QAM	16.97	18.79
DC_26A-n78(3700-3800)A	30	40	652000	50@25	DFT_64QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	40	652000	1@1	DFT_64QAM	17.00	18.82

DC_26A-n78(3700-3800)A	30	40	652000	1@104	DFT_64QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	40	652000	100@0	DFT_256QAM	16.48	18.30
DC_26A-n78(3700-3800)A	30	40	652000	50@25	DFT_256QAM	16.45	18.27
DC_26A-n78(3700-3800)A	30	40	652000	1@1	DFT_256QAM	16.34	18.16
DC_26A-n78(3700-3800)A	30	40	652000	1@104	DFT_256QAM	16.36	18.18
DC_26A-n78(3700-3800)A	30	40	652000	106@0	CP_QPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	40	652000	53@26	CP_QPSK	17.00	18.82
DC_26A-n78(3700-3800)A	30	40	652000	1@1	CP_QPSK	17.19	19.01
DC_26A-n78(3700-3800)A	30	40	652000	1@104	CP_QPSK	17.19	19.01
DC_26A-n78(3700-3800)A	30	40	652000	106@0	CP_16QAM	16.82	18.64
DC_26A-n78(3700-3800)A	30	40	652000	53@26	CP_16QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	40	652000	1@1	CP_16QAM	17.26	19.08
DC_26A-n78(3700-3800)A	30	40	652000	1@104	CP_16QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	40	652000	106@0	CP_64QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	40	652000	53@26	CP_64QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	40	652000	1@1	CP_64QAM	17.22	19.04
DC_26A-n78(3700-3800)A	30	40	652000	1@104	CP_64QAM	17.09	18.91
DC_26A-n78(3700-3800)A	30	40	652000	106@0	CP_256QAM	14.14	15.96
DC_26A-n78(3700-3800)A	30	40	652000	53@26	CP_256QAM	14.20	16.02
DC_26A-n78(3700-3800)A	30	40	652000	1@1	CP_256QAM	14.19	16.01
DC_26A-n78(3700-3800)A	30	40	652000	1@104	CP_256QAM	13.96	15.78
DC_26A-n78(3700-3800)A	30	50	648334	128@0	DFT_BPSK	17.05	18.87

DC_26A-n78(3700-3800)A	30	50	648334	64@32	DFT_BPSK	17.17	18.99
DC_26A-n78(3700-3800)A	30	50	648334	1@1	DFT_BPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	50	648334	1@131	DFT_BPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	50	648334	128@0	DFT_QPSK	17.04	18.86
DC_26A-n78(3700-3800)A	30	50	648334	64@32	DFT_QPSK	17.13	18.95
DC_26A-n78(3700-3800)A	30	50	648334	1@1	DFT_QPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	50	648334	1@131	DFT_QPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	50	648334	128@0	DFT_16QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	50	648334	64@32	DFT_16QAM	17.04	18.86
DC_26A-n78(3700-3800)A	30	50	648334	1@1	DFT_16QAM	17.11	18.93
DC_26A-n78(3700-3800)A	30	50	648334	1@131	DFT_16QAM	17.04	18.86
DC_26A-n78(3700-3800)A	30	50	648334	128@0	DFT_64QAM	17.12	18.94
DC_26A-n78(3700-3800)A	30	50	648334	64@32	DFT_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	50	648334	1@1	DFT_64QAM	16.79	18.61
DC_26A-n78(3700-3800)A	30	50	648334	1@131	DFT_64QAM	16.85	18.67
DC_26A-n78(3700-3800)A	30	50	648334	128@0	DFT_256QAM	16.59	18.41
DC_26A-n78(3700-3800)A	30	50	648334	64@32	DFT_256QAM	16.67	18.49
DC_26A-n78(3700-3800)A	30	50	648334	1@1	DFT_256QAM	16.21	18.03
DC_26A-n78(3700-3800)A	30	50	648334	1@131	DFT_256QAM	16.25	18.07
DC_26A-n78(3700-3800)A	30	50	648334	133@0	CP_QPSK	17.12	18.94
DC_26A-n78(3700-3800)A	30	50	648334	67@33	CP_QPSK	17.18	19.00
DC_26A-n78(3700-3800)A	30	50	648334	1@1	CP_QPSK	16.97	18.79

DC_26A-n78(3700-3800)A	30	50	648334	1@131	CP_QPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	50	648334	133@0	CP_16QAM	17.10	18.92
DC_26A-n78(3700-3800)A	30	50	648334	67@33	CP_16QAM	17.11	18.93
DC_26A-n78(3700-3800)A	30	50	648334	1@1	CP_16QAM	16.95	18.77
DC_26A-n78(3700-3800)A	30	50	648334	1@131	CP_16QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	50	648334	133@0	CP_64QAM	17.00	18.82
DC_26A-n78(3700-3800)A	30	50	648334	67@33	CP_64QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	50	648334	1@1	CP_64QAM	16.93	18.75
DC_26A-n78(3700-3800)A	30	50	648334	1@131	CP_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	50	648334	133@0	CP_256QAM	14.24	16.06
DC_26A-n78(3700-3800)A	30	50	648334	67@33	CP_256QAM	14.20	16.02
DC_26A-n78(3700-3800)A	30	50	648334	1@1	CP_256QAM	13.91	15.73
DC_26A-n78(3700-3800)A	30	50	648334	1@131	CP_256QAM	13.90	15.72
DC_26A-n78(3700-3800)A	30	50	650000	128@0	DFT_BPSK	17.04	18.86
DC_26A-n78(3700-3800)A	30	50	650000	64@32	DFT_BPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	50	650000	1@1	DFT_BPSK	17.11	18.93
DC_26A-n78(3700-3800)A	30	50	650000	1@131	DFT_BPSK	16.84	18.66
DC_26A-n78(3700-3800)A	30	50	650000	128@0	DFT_QPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	50	650000	64@32	DFT_QPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	50	650000	1@1	DFT_QPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	50	650000	1@131	DFT_QPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	50	650000	128@0	DFT_16QAM	16.98	18.80

DC_26A-n78(3700-3800)A	30	50	650000	64@32	DFT_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	50	650000	1@1	DFT_16QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	50	650000	1@131	DFT_16QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	50	650000	128@0	DFT_64QAM	17.13	18.95
DC_26A-n78(3700-3800)A	30	50	650000	64@32	DFT_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	50	650000	1@1	DFT_64QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	50	650000	1@131	DFT_64QAM	16.69	18.51
DC_26A-n78(3700-3800)A	30	50	650000	128@0	DFT_256QAM	16.46	18.28
DC_26A-n78(3700-3800)A	30	50	650000	64@32	DFT_256QAM	16.59	18.41
DC_26A-n78(3700-3800)A	30	50	650000	1@1	DFT_256QAM	16.39	18.21
DC_26A-n78(3700-3800)A	30	50	650000	1@131	DFT_256QAM	16.09	17.91
DC_26A-n78(3700-3800)A	30	50	650000	133@0	CP_QPSK	16.96	18.78
DC_26A-n78(3700-3800)A	30	50	650000	67@33	CP_QPSK	16.94	18.76
DC_26A-n78(3700-3800)A	30	50	650000	1@1	CP_QPSK	17.14	18.96
DC_26A-n78(3700-3800)A	30	50	650000	1@131	CP_QPSK	16.86	18.68
DC_26A-n78(3700-3800)A	30	50	650000	133@0	CP_16QAM	17.12	18.94
DC_26A-n78(3700-3800)A	30	50	650000	67@33	CP_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	50	650000	1@1	CP_16QAM	17.23	19.05
DC_26A-n78(3700-3800)A	30	50	650000	1@131	CP_16QAM	16.86	18.68
DC_26A-n78(3700-3800)A	30	50	650000	133@0	CP_64QAM	16.95	18.77
DC_26A-n78(3700-3800)A	30	50	650000	67@33	CP_64QAM	17.13	18.95
DC_26A-n78(3700-3800)A	30	50	650000	1@1	CP_64QAM	17.14	18.96

DC_26A-n78(3700-3800)A	30	50	650000	1@131	CP_64QAM	16.93	18.75
DC_26A-n78(3700-3800)A	30	50	650000	133@0	CP_256QAM	14.13	15.95
DC_26A-n78(3700-3800)A	30	50	650000	67@33	CP_256QAM	14.18	16.00
DC_26A-n78(3700-3800)A	30	50	650000	1@1	CP_256QAM	14.16	15.98
DC_26A-n78(3700-3800)A	30	50	650000	1@131	CP_256QAM	13.80	15.62
DC_26A-n78(3700-3800)A	30	50	651666	128@0	DFT_BPSK	16.96	18.78
DC_26A-n78(3700-3800)A	30	50	651666	64@32	DFT_BPSK	16.93	18.75
DC_26A-n78(3700-3800)A	30	50	651666	1@1	DFT_BPSK	17.03	18.85
DC_26A-n78(3700-3800)A	30	50	651666	1@131	DFT_BPSK	16.71	18.53
DC_26A-n78(3700-3800)A	30	50	651666	128@0	DFT_QPSK	16.86	18.68
DC_26A-n78(3700-3800)A	30	50	651666	64@32	DFT_QPSK	16.95	18.77
DC_26A-n78(3700-3800)A	30	50	651666	1@1	DFT_QPSK	17.09	18.91
DC_26A-n78(3700-3800)A	30	50	651666	1@131	DFT_QPSK	16.70	18.52
DC_26A-n78(3700-3800)A	30	50	651666	128@0	DFT_16QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	50	651666	64@32	DFT_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	50	651666	1@1	DFT_16QAM	17.21	19.03
DC_26A-n78(3700-3800)A	30	50	651666	1@131	DFT_16QAM	16.76	18.58
DC_26A-n78(3700-3800)A	30	50	651666	128@0	DFT_64QAM	16.80	18.62
DC_26A-n78(3700-3800)A	30	50	651666	64@32	DFT_64QAM	16.93	18.75
DC_26A-n78(3700-3800)A	30	50	651666	1@1	DFT_64QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	50	651666	1@131	DFT_64QAM	16.57	18.39
DC_26A-n78(3700-3800)A	30	50	651666	128@0	DFT_256QAM	16.30	18.12

DC_26A-n78(3700-3800)A	30	50	651666	64@32	DFT_256QAM	16.30	18.12
DC_26A-n78(3700-3800)A	30	50	651666	1@1	DFT_256QAM	16.19	18.01
DC_26A-n78(3700-3800)A	30	50	651666	1@131	DFT_256QAM	15.96	17.78
DC_26A-n78(3700-3800)A	30	50	651666	133@0	CP_QPSK	16.96	18.78
DC_26A-n78(3700-3800)A	30	50	651666	67@33	CP_QPSK	16.87	18.69
DC_26A-n78(3700-3800)A	30	50	651666	1@1	CP_QPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	50	651666	1@131	CP_QPSK	16.76	18.58
DC_26A-n78(3700-3800)A	30	50	651666	133@0	CP_16QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	50	651666	67@33	CP_16QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	50	651666	1@1	CP_16QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	50	651666	1@131	CP_16QAM	16.76	18.58
DC_26A-n78(3700-3800)A	30	50	651666	133@0	CP_64QAM	16.94	18.76
DC_26A-n78(3700-3800)A	30	50	651666	67@33	CP_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	50	651666	1@1	CP_64QAM	17.09	18.91
DC_26A-n78(3700-3800)A	30	50	651666	1@131	CP_64QAM	16.64	18.46
DC_26A-n78(3700-3800)A	30	50	651666	133@0	CP_256QAM	14.03	15.85
DC_26A-n78(3700-3800)A	30	50	651666	67@33	CP_256QAM	14.00	15.82
DC_26A-n78(3700-3800)A	30	50	651666	1@1	CP_256QAM	13.96	15.78
DC_26A-n78(3700-3800)A	30	50	651666	1@131	CP_256QAM	13.71	15.53
DC_26A-n78(3700-3800)A	30	60	648668	162@0	DFT_BPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	60	648668	81@40	DFT_BPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	60	648668	1@1	DFT_BPSK	16.82	18.64

DC_26A-n78(3700-3800)A	30	60	648668	1@160	DFT_BPSK	16.79	18.61
DC_26A-n78(3700-3800)A	30	60	648668	162@0	DFT_QPSK	16.95	18.77
DC_26A-n78(3700-3800)A	30	60	648668	81@40	DFT_QPSK	17.00	18.82
DC_26A-n78(3700-3800)A	30	60	648668	1@1	DFT_QPSK	16.89	18.71
DC_26A-n78(3700-3800)A	30	60	648668	1@160	DFT_QPSK	16.82	18.64
DC_26A-n78(3700-3800)A	30	60	648668	162@0	DFT_16QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	60	648668	81@40	DFT_16QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	60	648668	1@1	DFT_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	60	648668	1@160	DFT_16QAM	16.92	18.74
DC_26A-n78(3700-3800)A	30	60	648668	162@0	DFT_64QAM	17.00	18.82
DC_26A-n78(3700-3800)A	30	60	648668	81@40	DFT_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	60	648668	1@1	DFT_64QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	60	648668	1@160	DFT_64QAM	16.59	18.41
DC_26A-n78(3700-3800)A	30	60	648668	162@0	DFT_256QAM	16.50	18.32
DC_26A-n78(3700-3800)A	30	60	648668	81@40	DFT_256QAM	16.46	18.28
DC_26A-n78(3700-3800)A	30	60	648668	1@1	DFT_256QAM	16.00	17.82
DC_26A-n78(3700-3800)A	30	60	648668	1@160	DFT_256QAM	15.94	17.76
DC_26A-n78(3700-3800)A	30	60	648668	162@0	CP_QPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	60	648668	81@40	CP_QPSK	16.97	18.79
DC_26A-n78(3700-3800)A	30	60	648668	1@1	CP_QPSK	16.89	18.71
DC_26A-n78(3700-3800)A	30	60	648668	1@160	CP_QPSK	16.88	18.70
DC_26A-n78(3700-3800)A	30	60	648668	162@0	CP_16QAM	16.91	18.73

DC_26A-n78(3700-3800)A	30	60	648668	81@40	CP_16QAM	17.13	18.95
DC_26A-n78(3700-3800)A	30	60	648668	1@1	CP_16QAM	16.88	18.70
DC_26A-n78(3700-3800)A	30	60	648668	1@160	CP_16QAM	16.82	18.64
DC_26A-n78(3700-3800)A	30	60	648668	162@0	CP_64QAM	16.88	18.70
DC_26A-n78(3700-3800)A	30	60	648668	81@40	CP_64QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	60	648668	1@1	CP_64QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	60	648668	1@160	CP_64QAM	16.88	18.70
DC_26A-n78(3700-3800)A	30	60	648668	162@0	CP_256QAM	14.18	16.00
DC_26A-n78(3700-3800)A	30	60	648668	81@40	CP_256QAM	14.10	15.92
DC_26A-n78(3700-3800)A	30	60	648668	1@1	CP_256QAM	13.84	15.66
DC_26A-n78(3700-3800)A	30	60	648668	1@160	CP_256QAM	13.70	15.52
DC_26A-n78(3700-3800)A	30	60	650000	162@0	DFT_BPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	60	650000	81@40	DFT_BPSK	17.02	18.84
DC_26A-n78(3700-3800)A	30	60	650000	1@1	DFT_BPSK	17.18	19.00
DC_26A-n78(3700-3800)A	30	60	650000	1@160	DFT_BPSK	16.89	18.71
DC_26A-n78(3700-3800)A	30	60	650000	162@0	DFT_QPSK	17.00	18.82
DC_26A-n78(3700-3800)A	30	60	650000	81@40	DFT_QPSK	17.03	18.85
DC_26A-n78(3700-3800)A	30	60	650000	1@1	DFT_QPSK	17.18	19.00
DC_26A-n78(3700-3800)A	30	60	650000	1@160	DFT_QPSK	16.88	18.70
DC_26A-n78(3700-3800)A	30	60	650000	162@0	DFT_16QAM	17.04	18.86
DC_26A-n78(3700-3800)A	30	60	650000	81@40	DFT_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	60	650000	1@1	DFT_16QAM	17.35	19.17

DC_26A-n78(3700-3800)A	30	60	650000	1@160	DFT_16QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	60	650000	162@0	DFT_64QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	60	650000	81@40	DFT_64QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	60	650000	1@1	DFT_64QAM	17.12	18.94
DC_26A-n78(3700-3800)A	30	60	650000	1@160	DFT_64QAM	16.72	18.54
DC_26A-n78(3700-3800)A	30	60	650000	162@0	DFT_256QAM	16.61	18.43
DC_26A-n78(3700-3800)A	30	60	650000	81@40	DFT_256QAM	16.61	18.43
DC_26A-n78(3700-3800)A	30	60	650000	1@1	DFT_256QAM	16.39	18.21
DC_26A-n78(3700-3800)A	30	60	650000	1@160	DFT_256QAM	16.14	17.96
DC_26A-n78(3700-3800)A	30	60	650000	162@0	CP_QPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	60	650000	81@40	CP_QPSK	17.11	18.93
DC_26A-n78(3700-3800)A	30	60	650000	1@1	CP_QPSK	17.21	19.03
DC_26A-n78(3700-3800)A	30	60	650000	1@160	CP_QPSK	16.92	18.74
DC_26A-n78(3700-3800)A	30	60	650000	162@0	CP_16QAM	17.13	18.95
DC_26A-n78(3700-3800)A	30	60	650000	81@40	CP_16QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	60	650000	1@1	CP_16QAM	17.30	19.12
DC_26A-n78(3700-3800)A	30	60	650000	1@160	CP_16QAM	16.88	18.70
DC_26A-n78(3700-3800)A	30	60	650000	162@0	CP_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	60	650000	81@40	CP_64QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	60	650000	1@1	CP_64QAM	17.17	18.99
DC_26A-n78(3700-3800)A	30	60	650000	1@160	CP_64QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	60	650000	162@0	CP_256QAM	14.22	16.04

DC_26A-n78(3700-3800)A	30	60	650000	81@40	CP_256QAM	14.16	15.98
DC_26A-n78(3700-3800)A	30	60	650000	1@1	CP_256QAM	14.15	15.97
DC_26A-n78(3700-3800)A	30	60	650000	1@160	CP_256QAM	13.75	15.57
DC_26A-n78(3700-3800)A	30	60	651332	162@0	DFT_BPSK	17.00	18.82
DC_26A-n78(3700-3800)A	30	60	651332	81@40	DFT_BPSK	17.02	18.84
DC_26A-n78(3700-3800)A	30	60	651332	1@1	DFT_BPSK	17.11	18.93
DC_26A-n78(3700-3800)A	30	60	651332	1@160	DFT_BPSK	16.87	18.69
DC_26A-n78(3700-3800)A	30	60	651332	162@0	DFT_QPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	60	651332	81@40	DFT_QPSK	16.97	18.79
DC_26A-n78(3700-3800)A	30	60	651332	1@1	DFT_QPSK	17.00	18.82
DC_26A-n78(3700-3800)A	30	60	651332	1@160	DFT_QPSK	16.97	18.79
DC_26A-n78(3700-3800)A	30	60	651332	162@0	DFT_16QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	60	651332	81@40	DFT_16QAM	17.03	18.85
DC_26A-n78(3700-3800)A	30	60	651332	1@1	DFT_16QAM	17.23	19.05
DC_26A-n78(3700-3800)A	30	60	651332	1@160	DFT_16QAM	17.12	18.94
DC_26A-n78(3700-3800)A	30	60	651332	162@0	DFT_64QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	60	651332	81@40	DFT_64QAM	17.00	18.82
DC_26A-n78(3700-3800)A	30	60	651332	1@1	DFT_64QAM	16.95	18.77
DC_26A-n78(3700-3800)A	30	60	651332	1@160	DFT_64QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	60	651332	162@0	DFT_256QAM	16.55	18.37
DC_26A-n78(3700-3800)A	30	60	651332	81@40	DFT_256QAM	16.39	18.21
DC_26A-n78(3700-3800)A	30	60	651332	1@1	DFT_256QAM	16.32	18.14

DC_26A-n78(3700-3800)A	30	60	651332	1@160	DFT_256QAM	16.07	17.89
DC_26A-n78(3700-3800)A	30	60	651332	162@0	CP_QPSK	17.09	18.91
DC_26A-n78(3700-3800)A	30	60	651332	81@40	CP_QPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	60	651332	1@1	CP_QPSK	17.12	18.94
DC_26A-n78(3700-3800)A	30	60	651332	1@160	CP_QPSK	16.89	18.71
DC_26A-n78(3700-3800)A	30	60	651332	162@0	CP_16QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	60	651332	81@40	CP_16QAM	16.92	18.74
DC_26A-n78(3700-3800)A	30	60	651332	1@1	CP_16QAM	17.13	18.95
DC_26A-n78(3700-3800)A	30	60	651332	1@160	CP_16QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	60	651332	162@0	CP_64QAM	16.97	18.79
DC_26A-n78(3700-3800)A	30	60	651332	81@40	CP_64QAM	17.03	18.85
DC_26A-n78(3700-3800)A	30	60	651332	1@1	CP_64QAM	17.12	18.94
DC_26A-n78(3700-3800)A	30	60	651332	1@160	CP_64QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	60	651332	162@0	CP_256QAM	14.14	15.96
DC_26A-n78(3700-3800)A	30	60	651332	81@40	CP_256QAM	14.17	15.99
DC_26A-n78(3700-3800)A	30	60	651332	1@1	CP_256QAM	14.13	15.95
DC_26A-n78(3700-3800)A	30	60	651332	1@160	CP_256QAM	13.86	15.68
DC_26A-n78(3700-3800)A	30	70	649000	180@0	DFT_BPSK	16.54	18.36
DC_26A-n78(3700-3800)A	30	70	649000	90@45	DFT_BPSK	16.69	18.51
DC_26A-n78(3700-3800)A	30	70	649000	1@1	DFT_BPSK	16.48	18.30
DC_26A-n78(3700-3800)A	30	70	649000	1@187	DFT_BPSK	16.45	18.27
DC_26A-n78(3700-3800)A	30	70	649000	180@0	DFT_QPSK	16.59	18.41

DC_26A-n78(3700-3800)A	30	70	649000	90@45	DFT_QPSK	16.64	18.46
DC_26A-n78(3700-3800)A	30	70	649000	1@1	DFT_QPSK	16.66	18.48
DC_26A-n78(3700-3800)A	30	70	649000	1@187	DFT_QPSK	16.61	18.43
DC_26A-n78(3700-3800)A	30	70	649000	180@0	DFT_16QAM	16.57	18.39
DC_26A-n78(3700-3800)A	30	70	649000	90@45	DFT_16QAM	16.78	18.60
DC_26A-n78(3700-3800)A	30	70	649000	1@1	DFT_16QAM	16.71	18.53
DC_26A-n78(3700-3800)A	30	70	649000	1@187	DFT_16QAM	16.54	18.36
DC_26A-n78(3700-3800)A	30	70	649000	180@0	DFT_64QAM	16.66	18.48
DC_26A-n78(3700-3800)A	30	70	649000	90@45	DFT_64QAM	16.60	18.42
DC_26A-n78(3700-3800)A	30	70	649000	1@1	DFT_64QAM	16.41	18.23
DC_26A-n78(3700-3800)A	30	70	649000	1@187	DFT_64QAM	16.30	18.12
DC_26A-n78(3700-3800)A	30	70	649000	180@0	DFT_256QAM	16.23	18.05
DC_26A-n78(3700-3800)A	30	70	649000	90@45	DFT_256QAM	16.26	18.08
DC_26A-n78(3700-3800)A	30	70	649000	1@1	DFT_256QAM	15.78	17.60
DC_26A-n78(3700-3800)A	30	70	649000	1@187	DFT_256QAM	15.62	17.44
DC_26A-n78(3700-3800)A	30	70	649000	189@0	CP_QPSK	16.55	18.37
DC_26A-n78(3700-3800)A	30	70	649000	95@47	CP_QPSK	16.61	18.43
DC_26A-n78(3700-3800)A	30	70	649000	1@1	CP_QPSK	16.55	18.37
DC_26A-n78(3700-3800)A	30	70	649000	1@187	CP_QPSK	16.48	18.30
DC_26A-n78(3700-3800)A	30	70	649000	189@0	CP_16QAM	16.57	18.39
DC_26A-n78(3700-3800)A	30	70	649000	95@47	CP_16QAM	16.76	18.58
DC_26A-n78(3700-3800)A	30	70	649000	1@1	CP_16QAM	16.52	18.34

DC_26A-n78(3700-3800)A	30	70	649000	1@187	CP_16QAM	16.64	18.46
DC_26A-n78(3700-3800)A	30	70	649000	189@0	CP_64QAM	16.62	18.44
DC_26A-n78(3700-3800)A	30	70	649000	95@47	CP_64QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	70	649000	1@1	CP_64QAM	16.55	18.37
DC_26A-n78(3700-3800)A	30	70	649000	1@187	CP_64QAM	16.43	18.25
DC_26A-n78(3700-3800)A	30	70	649000	189@0	CP_256QAM	13.82	15.64
DC_26A-n78(3700-3800)A	30	70	649000	95@47	CP_256QAM	13.90	15.72
DC_26A-n78(3700-3800)A	30	70	649000	1@1	CP_256QAM	13.52	15.34
DC_26A-n78(3700-3800)A	30	70	649000	1@187	CP_256QAM	13.50	15.32
DC_26A-n78(3700-3800)A	30	70	650000	180@0	DFT_BPSK	16.96	18.78
DC_26A-n78(3700-3800)A	30	70	650000	90@45	DFT_BPSK	16.94	18.76
DC_26A-n78(3700-3800)A	30	70	650000	1@1	DFT_BPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	70	650000	1@187	DFT_BPSK	16.67	18.49
DC_26A-n78(3700-3800)A	30	70	650000	180@0	DFT_QPSK	16.84	18.66
DC_26A-n78(3700-3800)A	30	70	650000	90@45	DFT_QPSK	16.86	18.68
DC_26A-n78(3700-3800)A	30	70	650000	1@1	DFT_QPSK	17.21	19.03
DC_26A-n78(3700-3800)A	30	70	650000	1@187	DFT_QPSK	16.62	18.44
DC_26A-n78(3700-3800)A	30	70	650000	180@0	DFT_16QAM	16.77	18.59
DC_26A-n78(3700-3800)A	30	70	650000	90@45	DFT_16QAM	16.92	18.74
DC_26A-n78(3700-3800)A	30	70	650000	1@1	DFT_16QAM	17.11	18.93
DC_26A-n78(3700-3800)A	30	70	650000	1@187	DFT_16QAM	16.68	18.50
DC_26A-n78(3700-3800)A	30	70	650000	180@0	DFT_64QAM	16.79	18.61

DC_26A-n78(3700-3800)A	30	70	650000	90@45	DFT_64QAM	16.94	18.76
DC_26A-n78(3700-3800)A	30	70	650000	1@1	DFT_64QAM	17.00	18.82
DC_26A-n78(3700-3800)A	30	70	650000	1@187	DFT_64QAM	16.50	18.32
DC_26A-n78(3700-3800)A	30	70	650000	180@0	DFT_256QAM	16.41	18.23
DC_26A-n78(3700-3800)A	30	70	650000	90@45	DFT_256QAM	16.37	18.19
DC_26A-n78(3700-3800)A	30	70	650000	1@1	DFT_256QAM	16.28	18.10
DC_26A-n78(3700-3800)A	30	70	650000	1@187	DFT_256QAM	15.88	17.70
DC_26A-n78(3700-3800)A	30	70	650000	189@0	CP_QPSK	16.78	18.60
DC_26A-n78(3700-3800)A	30	70	650000	95@47	CP_QPSK	16.94	18.76
DC_26A-n78(3700-3800)A	30	70	650000	1@1	CP_QPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	70	650000	1@187	CP_QPSK	16.55	18.37
DC_26A-n78(3700-3800)A	30	70	650000	189@0	CP_16QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	70	650000	95@47	CP_16QAM	16.87	18.69
DC_26A-n78(3700-3800)A	30	70	650000	1@1	CP_16QAM	17.29	19.11
DC_26A-n78(3700-3800)A	30	70	650000	1@187	CP_16QAM	16.66	18.48
DC_26A-n78(3700-3800)A	30	70	650000	189@0	CP_64QAM	16.92	18.74
DC_26A-n78(3700-3800)A	30	70	650000	95@47	CP_64QAM	16.94	18.76
DC_26A-n78(3700-3800)A	30	70	650000	1@1	CP_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	70	650000	1@187	CP_64QAM	16.71	18.53
DC_26A-n78(3700-3800)A	30	70	650000	189@0	CP_256QAM	14.17	15.99
DC_26A-n78(3700-3800)A	30	70	650000	95@47	CP_256QAM	14.22	16.04
DC_26A-n78(3700-3800)A	30	70	650000	1@1	CP_256QAM	14.18	16.00

DC_26A-n78(3700-3800)A	30	70	650000	1@187	CP_256QAM	13.75	15.57
DC_26A-n78(3700-3800)A	30	70	651000	180@0	DFT_BPSK	16.80	18.62
DC_26A-n78(3700-3800)A	30	70	651000	90@45	DFT_BPSK	16.80	18.62
DC_26A-n78(3700-3800)A	30	70	651000	1@1	DFT_BPSK	16.88	18.70
DC_26A-n78(3700-3800)A	30	70	651000	1@187	DFT_BPSK	16.68	18.50
DC_26A-n78(3700-3800)A	30	70	651000	180@0	DFT_QPSK	16.75	18.57
DC_26A-n78(3700-3800)A	30	70	651000	90@45	DFT_QPSK	16.79	18.61
DC_26A-n78(3700-3800)A	30	70	651000	1@1	DFT_QPSK	16.89	18.71
DC_26A-n78(3700-3800)A	30	70	651000	1@187	DFT_QPSK	16.78	18.60
DC_26A-n78(3700-3800)A	30	70	651000	180@0	DFT_16QAM	16.82	18.64
DC_26A-n78(3700-3800)A	30	70	651000	90@45	DFT_16QAM	16.77	18.59
DC_26A-n78(3700-3800)A	30	70	651000	1@1	DFT_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	70	651000	1@187	DFT_16QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	70	651000	180@0	DFT_64QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	70	651000	90@45	DFT_64QAM	16.80	18.62
DC_26A-n78(3700-3800)A	30	70	651000	1@1	DFT_64QAM	16.69	18.51
DC_26A-n78(3700-3800)A	30	70	651000	1@187	DFT_64QAM	16.57	18.39
DC_26A-n78(3700-3800)A	30	70	651000	180@0	DFT_256QAM	16.38	18.20
DC_26A-n78(3700-3800)A	30	70	651000	90@45	DFT_256QAM	16.26	18.08
DC_26A-n78(3700-3800)A	30	70	651000	1@1	DFT_256QAM	16.22	18.04
DC_26A-n78(3700-3800)A	30	70	651000	1@187	DFT_256QAM	15.89	17.71
DC_26A-n78(3700-3800)A	30	70	651000	189@0	CP_QPSK	16.85	18.67

DC_26A-n78(3700-3800)A	30	70	651000	95@47	CP_QPSK	16.63	18.45
DC_26A-n78(3700-3800)A	30	70	651000	1@1	CP_QPSK	16.92	18.74
DC_26A-n78(3700-3800)A	30	70	651000	1@187	CP_QPSK	16.84	18.66
DC_26A-n78(3700-3800)A	30	70	651000	189@0	CP_16QAM	16.88	18.70
DC_26A-n78(3700-3800)A	30	70	651000	95@47	CP_16QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	70	651000	1@1	CP_16QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	70	651000	1@187	CP_16QAM	16.70	18.52
DC_26A-n78(3700-3800)A	30	70	651000	189@0	CP_64QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	70	651000	95@47	CP_64QAM	16.71	18.53
DC_26A-n78(3700-3800)A	30	70	651000	1@1	CP_64QAM	16.92	18.74
DC_26A-n78(3700-3800)A	30	70	651000	1@187	CP_64QAM	16.82	18.64
DC_26A-n78(3700-3800)A	30	70	651000	189@0	CP_256QAM	14.05	15.87
DC_26A-n78(3700-3800)A	30	70	651000	95@47	CP_256QAM	13.97	15.79
DC_26A-n78(3700-3800)A	30	70	651000	1@1	CP_256QAM	13.90	15.72
DC_26A-n78(3700-3800)A	30	70	651000	1@187	CP_256QAM	13.78	15.60
DC_26A-n78(3700-3800)A	30	80	649334	216@0	DFT_BPSK	16.87	18.69
DC_26A-n78(3700-3800)A	30	80	649334	108@54	DFT_BPSK	16.80	18.62
DC_26A-n78(3700-3800)A	30	80	649334	1@1	DFT_BPSK	16.84	18.66
DC_26A-n78(3700-3800)A	30	80	649334	1@215	DFT_BPSK	16.60	18.42
DC_26A-n78(3700-3800)A	30	80	649334	216@0	DFT_QPSK	16.77	18.59
DC_26A-n78(3700-3800)A	30	80	649334	108@54	DFT_QPSK	16.84	18.66
DC_26A-n78(3700-3800)A	30	80	649334	1@1	DFT_QPSK	16.73	18.55

DC_26A-n78(3700-3800)A	30	80	649334	1@215	DFT_QPSK	16.64	18.46
DC_26A-n78(3700-3800)A	30	80	649334	216@0	DFT_16QAM	16.70	18.52
DC_26A-n78(3700-3800)A	30	80	649334	108@54	DFT_16QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	80	649334	1@1	DFT_16QAM	16.76	18.58
DC_26A-n78(3700-3800)A	30	80	649334	1@215	DFT_16QAM	16.77	18.59
DC_26A-n78(3700-3800)A	30	80	649334	216@0	DFT_64QAM	16.82	18.64
DC_26A-n78(3700-3800)A	30	80	649334	108@54	DFT_64QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	80	649334	1@1	DFT_64QAM	16.57	18.39
DC_26A-n78(3700-3800)A	30	80	649334	1@215	DFT_64QAM	16.43	18.25
DC_26A-n78(3700-3800)A	30	80	649334	216@0	DFT_256QAM	16.30	18.12
DC_26A-n78(3700-3800)A	30	80	649334	108@54	DFT_256QAM	16.36	18.18
DC_26A-n78(3700-3800)A	30	80	649334	1@1	DFT_256QAM	16.00	17.82
DC_26A-n78(3700-3800)A	30	80	649334	1@215	DFT_256QAM	15.77	17.59
DC_26A-n78(3700-3800)A	30	80	649334	217@0	CP_QPSK	16.64	18.46
DC_26A-n78(3700-3800)A	30	80	649334	109@54	CP_QPSK	16.75	18.57
DC_26A-n78(3700-3800)A	30	80	649334	1@1	CP_QPSK	16.80	18.62
DC_26A-n78(3700-3800)A	30	80	649334	1@215	CP_QPSK	16.67	18.49
DC_26A-n78(3700-3800)A	30	80	649334	217@0	CP_16QAM	16.80	18.62
DC_26A-n78(3700-3800)A	30	80	649334	109@54	CP_16QAM	16.88	18.70
DC_26A-n78(3700-3800)A	30	80	649334	1@1	CP_16QAM	16.86	18.68
DC_26A-n78(3700-3800)A	30	80	649334	1@215	CP_16QAM	16.67	18.49
DC_26A-n78(3700-3800)A	30	80	649334	217@0	CP_64QAM	16.76	18.58

DC_26A-n78(3700-3800)A	30	80	649334	109@54	CP_64QAM	16.75	18.57
DC_26A-n78(3700-3800)A	30	80	649334	1@1	CP_64QAM	16.76	18.58
DC_26A-n78(3700-3800)A	30	80	649334	1@215	CP_64QAM	16.67	18.49
DC_26A-n78(3700-3800)A	30	80	649334	217@0	CP_256QAM	14.11	15.93
DC_26A-n78(3700-3800)A	30	80	649334	109@54	CP_256QAM	13.90	15.72
DC_26A-n78(3700-3800)A	30	80	649334	1@1	CP_256QAM	13.93	15.75
DC_26A-n78(3700-3800)A	30	80	649334	1@215	CP_256QAM	13.53	15.35
DC_26A-n78(3700-3800)A	30	80	650000	216@0	DFT_BPSK	16.94	18.76
DC_26A-n78(3700-3800)A	30	80	650000	108@54	DFT_BPSK	16.82	18.64
DC_26A-n78(3700-3800)A	30	80	650000	1@1	DFT_BPSK	17.01	18.83
DC_26A-n78(3700-3800)A	30	80	650000	1@215	DFT_BPSK	16.68	18.50
DC_26A-n78(3700-3800)A	30	80	650000	216@0	DFT_QPSK	16.80	18.62
DC_26A-n78(3700-3800)A	30	80	650000	108@54	DFT_QPSK	16.91	18.73
DC_26A-n78(3700-3800)A	30	80	650000	1@1	DFT_QPSK	17.09	18.91
DC_26A-n78(3700-3800)A	30	80	650000	1@215	DFT_QPSK	16.66	18.48
DC_26A-n78(3700-3800)A	30	80	650000	216@0	DFT_16QAM	17.01	18.83
DC_26A-n78(3700-3800)A	30	80	650000	108@54	DFT_16QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	80	650000	1@1	DFT_16QAM	17.19	19.01
DC_26A-n78(3700-3800)A	30	80	650000	1@215	DFT_16QAM	16.72	18.54
DC_26A-n78(3700-3800)A	30	80	650000	216@0	DFT_64QAM	17.04	18.86
DC_26A-n78(3700-3800)A	30	80	650000	108@54	DFT_64QAM	16.95	18.77
DC_26A-n78(3700-3800)A	30	80	650000	1@1	DFT_64QAM	16.94	18.76

DC_26A-n78(3700-3800)A	30	80	650000	1@215	DFT_64QAM	16.55	18.37
DC_26A-n78(3700-3800)A	30	80	650000	216@0	DFT_256QAM	16.27	18.09
DC_26A-n78(3700-3800)A	30	80	650000	108@54	DFT_256QAM	16.51	18.33
DC_26A-n78(3700-3800)A	30	80	650000	1@1	DFT_256QAM	16.20	18.02
DC_26A-n78(3700-3800)A	30	80	650000	1@215	DFT_256QAM	15.94	17.76
DC_26A-n78(3700-3800)A	30	80	650000	217@0	CP_QPSK	16.91	18.73
DC_26A-n78(3700-3800)A	30	80	650000	109@54	CP_QPSK	16.89	18.71
DC_26A-n78(3700-3800)A	30	80	650000	1@1	CP_QPSK	17.16	18.98
DC_26A-n78(3700-3800)A	30	80	650000	1@215	CP_QPSK	16.73	18.55
DC_26A-n78(3700-3800)A	30	80	650000	217@0	CP_16QAM	17.00	18.82
DC_26A-n78(3700-3800)A	30	80	650000	109@54	CP_16QAM	16.79	18.61
DC_26A-n78(3700-3800)A	30	80	650000	1@1	CP_16QAM	17.11	18.93
DC_26A-n78(3700-3800)A	30	80	650000	1@215	CP_16QAM	16.75	18.57
DC_26A-n78(3700-3800)A	30	80	650000	217@0	CP_64QAM	16.93	18.75
DC_26A-n78(3700-3800)A	30	80	650000	109@54	CP_64QAM	16.96	18.78
DC_26A-n78(3700-3800)A	30	80	650000	1@1	CP_64QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	80	650000	1@215	CP_64QAM	16.77	18.59
DC_26A-n78(3700-3800)A	30	80	650000	217@0	CP_256QAM	14.01	15.83
DC_26A-n78(3700-3800)A	30	80	650000	109@54	CP_256QAM	14.06	15.88
DC_26A-n78(3700-3800)A	30	80	650000	1@1	CP_256QAM	14.02	15.84
DC_26A-n78(3700-3800)A	30	80	650000	1@215	CP_256QAM	13.69	15.51
DC_26A-n78(3700-3800)A	30	80	650666	216@0	DFT_BPSK	16.92	18.74

DC_26A-n78(3700-3800)A	30	80	650666	108@54	DFT_BPSK	16.89	18.71
DC_26A-n78(3700-3800)A	30	80	650666	1@1	DFT_BPSK	17.19	19.01
DC_26A-n78(3700-3800)A	30	80	650666	1@215	DFT_BPSK	16.72	18.54
DC_26A-n78(3700-3800)A	30	80	650666	216@0	DFT_QPSK	16.91	18.73
DC_26A-n78(3700-3800)A	30	80	650666	108@54	DFT_QPSK	16.85	18.67
DC_26A-n78(3700-3800)A	30	80	650666	1@1	DFT_QPSK	17.13	18.95
DC_26A-n78(3700-3800)A	30	80	650666	1@215	DFT_QPSK	16.67	18.49
DC_26A-n78(3700-3800)A	30	80	650666	216@0	DFT_16QAM	16.80	18.62
DC_26A-n78(3700-3800)A	30	80	650666	108@54	DFT_16QAM	16.95	18.77
DC_26A-n78(3700-3800)A	30	80	650666	1@1	DFT_16QAM	17.17	18.99
DC_26A-n78(3700-3800)A	30	80	650666	1@215	DFT_16QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	80	650666	216@0	DFT_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	80	650666	108@54	DFT_64QAM	16.91	18.73
DC_26A-n78(3700-3800)A	30	80	650666	1@1	DFT_64QAM	17.12	18.94
DC_26A-n78(3700-3800)A	30	80	650666	1@215	DFT_64QAM	16.48	18.30
DC_26A-n78(3700-3800)A	30	80	650666	216@0	DFT_256QAM	16.43	18.25
DC_26A-n78(3700-3800)A	30	80	650666	108@54	DFT_256QAM	16.32	18.14
DC_26A-n78(3700-3800)A	30	80	650666	1@1	DFT_256QAM	16.48	18.30
DC_26A-n78(3700-3800)A	30	80	650666	1@215	DFT_256QAM	16.03	17.85
DC_26A-n78(3700-3800)A	30	80	650666	217@0	CP_QPSK	16.79	18.61
DC_26A-n78(3700-3800)A	30	80	650666	109@54	CP_QPSK	16.92	18.74
DC_26A-n78(3700-3800)A	30	80	650666	1@1	CP_QPSK	17.23	19.05

DC_26A-n78(3700-3800)A	30	80	650666	1@215	CP_QPSK	16.80	18.62
DC_26A-n78(3700-3800)A	30	80	650666	217@0	CP_16QAM	16.86	18.68
DC_26A-n78(3700-3800)A	30	80	650666	109@54	CP_16QAM	16.67	18.49
DC_26A-n78(3700-3800)A	30	80	650666	1@1	CP_16QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	80	650666	1@215	CP_16QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	80	650666	217@0	CP_64QAM	16.85	18.67
DC_26A-n78(3700-3800)A	30	80	650666	109@54	CP_64QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	80	650666	1@1	CP_64QAM	17.27	19.09
DC_26A-n78(3700-3800)A	30	80	650666	1@215	CP_64QAM	16.70	18.52
DC_26A-n78(3700-3800)A	30	80	650666	217@0	CP_256QAM	14.13	15.95
DC_26A-n78(3700-3800)A	30	80	650666	109@54	CP_256QAM	14.10	15.92
DC_26A-n78(3700-3800)A	30	80	650666	1@1	CP_256QAM	14.04	15.86
DC_26A-n78(3700-3800)A	30	80	650666	1@215	CP_256QAM	13.73	15.55
DC_26A-n78(3700-3800)A	30	90	649668	240@0	DFT_BPSK	16.85	18.67
DC_26A-n78(3700-3800)A	30	90	649668	120@60	DFT_BPSK	16.87	18.69
DC_26A-n78(3700-3800)A	30	90	649668	1@1	DFT_BPSK	16.73	18.55
DC_26A-n78(3700-3800)A	30	90	649668	1@243	DFT_BPSK	16.75	18.57
DC_26A-n78(3700-3800)A	30	90	649668	240@0	DFT_QPSK	16.87	18.69
DC_26A-n78(3700-3800)A	30	90	649668	120@60	DFT_QPSK	16.80	18.62
DC_26A-n78(3700-3800)A	30	90	649668	1@1	DFT_QPSK	16.71	18.53
DC_26A-n78(3700-3800)A	30	90	649668	1@243	DFT_QPSK	16.82	18.64
DC_26A-n78(3700-3800)A	30	90	649668	240@0	DFT_16QAM	16.87	18.69

DC_26A-n78(3700-3800)A	30	90	649668	120@60	DFT_16QAM	16.88	18.70
DC_26A-n78(3700-3800)A	30	90	649668	1@1	DFT_16QAM	16.82	18.64
DC_26A-n78(3700-3800)A	30	90	649668	1@243	DFT_16QAM	16.87	18.69
DC_26A-n78(3700-3800)A	30	90	649668	240@0	DFT_64QAM	16.76	18.58
DC_26A-n78(3700-3800)A	30	90	649668	120@60	DFT_64QAM	16.87	18.69
DC_26A-n78(3700-3800)A	30	90	649668	1@1	DFT_64QAM	16.62	18.44
DC_26A-n78(3700-3800)A	30	90	649668	1@243	DFT_64QAM	16.66	18.48
DC_26A-n78(3700-3800)A	30	90	649668	240@0	DFT_256QAM	16.43	18.25
DC_26A-n78(3700-3800)A	30	90	649668	120@60	DFT_256QAM	16.27	18.09
DC_26A-n78(3700-3800)A	30	90	649668	1@1	DFT_256QAM	16.01	17.83
DC_26A-n78(3700-3800)A	30	90	649668	1@243	DFT_256QAM	16.07	17.89
DC_26A-n78(3700-3800)A	30	90	649668	245@0	CP_QPSK	16.95	18.77
DC_26A-n78(3700-3800)A	30	90	649668	123@61	CP_QPSK	16.92	18.74
DC_26A-n78(3700-3800)A	30	90	649668	1@1	CP_QPSK	16.66	18.48
DC_26A-n78(3700-3800)A	30	90	649668	1@243	CP_QPSK	16.79	18.61
DC_26A-n78(3700-3800)A	30	90	649668	245@0	CP_16QAM	16.92	18.74
DC_26A-n78(3700-3800)A	30	90	649668	123@61	CP_16QAM	16.86	18.68
DC_26A-n78(3700-3800)A	30	90	649668	1@1	CP_16QAM	16.93	18.75
DC_26A-n78(3700-3800)A	30	90	649668	1@243	CP_16QAM	16.96	18.78
DC_26A-n78(3700-3800)A	30	90	649668	245@0	CP_64QAM	16.94	18.76
DC_26A-n78(3700-3800)A	30	90	649668	123@61	CP_64QAM	16.92	18.74
DC_26A-n78(3700-3800)A	30	90	649668	1@1	CP_64QAM	16.79	18.61

DC_26A-n78(3700-3800)A	30	90	649668	1@243	CP_64QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	90	649668	245@0	CP_256QAM	14.11	15.93
DC_26A-n78(3700-3800)A	30	90	649668	123@61	CP_256QAM	14.10	15.92
DC_26A-n78(3700-3800)A	30	90	649668	1@1	CP_256QAM	13.73	15.55
DC_26A-n78(3700-3800)A	30	90	649668	1@243	CP_256QAM	13.84	15.66
DC_26A-n78(3700-3800)A	30	90	650000	240@0	DFT_BPSK	16.93	18.75
DC_26A-n78(3700-3800)A	30	90	650000	120@60	DFT_BPSK	16.82	18.64
DC_26A-n78(3700-3800)A	30	90	650000	1@1	DFT_BPSK	16.87	18.69
DC_26A-n78(3700-3800)A	30	90	650000	1@243	DFT_BPSK	16.71	18.53
DC_26A-n78(3700-3800)A	30	90	650000	240@0	DFT_QPSK	16.86	18.68
DC_26A-n78(3700-3800)A	30	90	650000	120@60	DFT_QPSK	16.91	18.73
DC_26A-n78(3700-3800)A	30	90	650000	1@1	DFT_QPSK	16.87	18.69
DC_26A-n78(3700-3800)A	30	90	650000	1@243	DFT_QPSK	16.75	18.57
DC_26A-n78(3700-3800)A	30	90	650000	240@0	DFT_16QAM	16.96	18.78
DC_26A-n78(3700-3800)A	30	90	650000	120@60	DFT_16QAM	16.88	18.70
DC_26A-n78(3700-3800)A	30	90	650000	1@1	DFT_16QAM	17.05	18.87
DC_26A-n78(3700-3800)A	30	90	650000	1@243	DFT_16QAM	16.78	18.60
DC_26A-n78(3700-3800)A	30	90	650000	240@0	DFT_64QAM	16.82	18.64
DC_26A-n78(3700-3800)A	30	90	650000	120@60	DFT_64QAM	16.98	18.80
DC_26A-n78(3700-3800)A	30	90	650000	1@1	DFT_64QAM	16.86	18.68
DC_26A-n78(3700-3800)A	30	90	650000	1@243	DFT_64QAM	16.55	18.37
DC_26A-n78(3700-3800)A	30	90	650000	240@0	DFT_256QAM	16.39	18.21

DC_26A-n78(3700-3800)A	30	90	650000	120@60	DFT_256QAM	16.35	18.17
DC_26A-n78(3700-3800)A	30	90	650000	1@1	DFT_256QAM	16.13	17.95
DC_26A-n78(3700-3800)A	30	90	650000	1@243	DFT_256QAM	16.01	17.83
DC_26A-n78(3700-3800)A	30	90	650000	245@0	CP_QPSK	16.91	18.73
DC_26A-n78(3700-3800)A	30	90	650000	123@61	CP_QPSK	16.93	18.75
DC_26A-n78(3700-3800)A	30	90	650000	1@1	CP_QPSK	17.05	18.87
DC_26A-n78(3700-3800)A	30	90	650000	1@243	CP_QPSK	16.78	18.60
DC_26A-n78(3700-3800)A	30	90	650000	245@0	CP_16QAM	16.84	18.66
DC_26A-n78(3700-3800)A	30	90	650000	123@61	CP_16QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	90	650000	1@1	CP_16QAM	17.12	18.94
DC_26A-n78(3700-3800)A	30	90	650000	1@243	CP_16QAM	16.86	18.68
DC_26A-n78(3700-3800)A	30	90	650000	245@0	CP_64QAM	17.03	18.85
DC_26A-n78(3700-3800)A	30	90	650000	123@61	CP_64QAM	17.02	18.84
DC_26A-n78(3700-3800)A	30	90	650000	1@1	CP_64QAM	17.04	18.86
DC_26A-n78(3700-3800)A	30	90	650000	1@243	CP_64QAM	16.80	18.62
DC_26A-n78(3700-3800)A	30	90	650000	245@0	CP_256QAM	14.06	15.88
DC_26A-n78(3700-3800)A	30	90	650000	123@61	CP_256QAM	14.21	16.03
DC_26A-n78(3700-3800)A	30	90	650000	1@1	CP_256QAM	13.85	15.67
DC_26A-n78(3700-3800)A	30	90	650000	1@243	CP_256QAM	13.70	15.52
DC_26A-n78(3700-3800)A	30	90	650332	240@0	DFT_BPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	90	650332	120@60	DFT_BPSK	17.03	18.85
DC_26A-n78(3700-3800)A	30	90	650332	1@1	DFT_BPSK	17.21	19.03

DC_26A-n78(3700-3800)A	30	90	650332	1@243	DFT_BPSK	16.76	18.58
DC_26A-n78(3700-3800)A	30	90	650332	240@0	DFT_QPSK	17.07	18.89
DC_26A-n78(3700-3800)A	30	90	650332	120@60	DFT_QPSK	17.02	18.84
DC_26A-n78(3700-3800)A	30	90	650332	1@1	DFT_QPSK	17.13	18.95
DC_26A-n78(3700-3800)A	30	90	650332	1@243	DFT_QPSK	16.62	18.44
DC_26A-n78(3700-3800)A	30	90	650332	240@0	DFT_16QAM	16.92	18.74
DC_26A-n78(3700-3800)A	30	90	650332	120@60	DFT_16QAM	17.11	18.93
DC_26A-n78(3700-3800)A	30	90	650332	1@1	DFT_16QAM	17.29	19.11
DC_26A-n78(3700-3800)A	30	90	650332	1@243	DFT_16QAM	16.86	18.68
DC_26A-n78(3700-3800)A	30	90	650332	240@0	DFT_64QAM	17.00	18.82
DC_26A-n78(3700-3800)A	30	90	650332	120@60	DFT_64QAM	16.95	18.77
DC_26A-n78(3700-3800)A	30	90	650332	1@1	DFT_64QAM	16.91	18.73
DC_26A-n78(3700-3800)A	30	90	650332	1@243	DFT_64QAM	16.45	18.27
DC_26A-n78(3700-3800)A	30	90	650332	240@0	DFT_256QAM	16.61	18.43
DC_26A-n78(3700-3800)A	30	90	650332	120@60	DFT_256QAM	16.42	18.24
DC_26A-n78(3700-3800)A	30	90	650332	1@1	DFT_256QAM	16.45	18.27
DC_26A-n78(3700-3800)A	30	90	650332	1@243	DFT_256QAM	15.97	17.79
DC_26A-n78(3700-3800)A	30	90	650332	245@0	CP_QPSK	16.98	18.80
DC_26A-n78(3700-3800)A	30	90	650332	123@61	CP_QPSK	16.95	18.77
DC_26A-n78(3700-3800)A	30	90	650332	1@1	CP_QPSK	17.14	18.96
DC_26A-n78(3700-3800)A	30	90	650332	1@243	CP_QPSK	16.79	18.61
DC_26A-n78(3700-3800)A	30	90	650332	245@0	CP_16QAM	16.93	18.75

DC_26A-n78(3700-3800)A	30	90	650332	123@61	CP_16QAM	17.07	18.89
DC_26A-n78(3700-3800)A	30	90	650332	1@1	CP_16QAM	17.37	19.19
DC_26A-n78(3700-3800)A	30	90	650332	1@243	CP_16QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	90	650332	245@0	CP_64QAM	16.95	18.77
DC_26A-n78(3700-3800)A	30	90	650332	123@61	CP_64QAM	17.14	18.96
DC_26A-n78(3700-3800)A	30	90	650332	1@1	CP_64QAM	17.25	19.07
DC_26A-n78(3700-3800)A	30	90	650332	1@243	CP_64QAM	16.80	18.62
DC_26A-n78(3700-3800)A	30	90	650332	245@0	CP_256QAM	14.18	16.00
DC_26A-n78(3700-3800)A	30	90	650332	123@61	CP_256QAM	14.19	16.01
DC_26A-n78(3700-3800)A	30	90	650332	1@1	CP_256QAM	14.18	16.00
DC_26A-n78(3700-3800)A	30	90	650332	1@243	CP_256QAM	13.73	15.55
DC_26A-n78(3700-3800)A	30	100	650000	270@0	DFT_BPSK	16.94	18.76
DC_26A-n78(3700-3800)A	30	100	650000	135@67	DFT_BPSK	16.77	18.59
DC_26A-n78(3700-3800)A	30	100	650000	1@1	DFT_BPSK	16.82	18.64
DC_26A-n78(3700-3800)A	30	100	650000	1@271	DFT_BPSK	16.73	18.55
DC_26A-n78(3700-3800)A	30	100	650000	270@0	DFT_QPSK	16.82	18.64
DC_26A-n78(3700-3800)A	30	100	650000	135@67	DFT_QPSK	16.92	18.74
DC_26A-n78(3700-3800)A	30	100	650000	1@1	DFT_QPSK	16.89	18.71
DC_26A-n78(3700-3800)A	30	100	650000	1@271	DFT_QPSK	16.72	18.54
DC_26A-n78(3700-3800)A	30	100	650000	270@0	DFT_16QAM	16.91	18.73
DC_26A-n78(3700-3800)A	30	100	650000	135@67	DFT_16QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	100	650000	1@1	DFT_16QAM	16.94	18.76

DC_26A-n78(3700-3800)A	30	100	650000	1@271	DFT_16QAM	16.82	18.64
DC_26A-n78(3700-3800)A	30	100	650000	270@0	DFT_64QAM	16.78	18.60
DC_26A-n78(3700-3800)A	30	100	650000	135@67	DFT_64QAM	16.88	18.70
DC_26A-n78(3700-3800)A	30	100	650000	1@1	DFT_64QAM	16.60	18.42
DC_26A-n78(3700-3800)A	30	100	650000	1@271	DFT_64QAM	16.53	18.35
DC_26A-n78(3700-3800)A	30	100	650000	270@0	DFT_256QAM	16.43	18.25
DC_26A-n78(3700-3800)A	30	100	650000	135@67	DFT_256QAM	16.39	18.21
DC_26A-n78(3700-3800)A	30	100	650000	1@1	DFT_256QAM	16.10	17.92
DC_26A-n78(3700-3800)A	30	100	650000	1@271	DFT_256QAM	15.87	17.69
DC_26A-n78(3700-3800)A	30	100	650000	273@0	CP_QPSK	16.92	18.74
DC_26A-n78(3700-3800)A	30	100	650000	137@68	CP_QPSK	16.91	18.73
DC_26A-n78(3700-3800)A	30	100	650000	1@1	CP_QPSK	16.87	18.69
DC_26A-n78(3700-3800)A	30	100	650000	1@271	CP_QPSK	16.76	18.58
DC_26A-n78(3700-3800)A	30	100	650000	273@0	CP_16QAM	16.96	18.78
DC_26A-n78(3700-3800)A	30	100	650000	137@68	CP_16QAM	16.93	18.75
DC_26A-n78(3700-3800)A	30	100	650000	1@1	CP_16QAM	17.09	18.91
DC_26A-n78(3700-3800)A	30	100	650000	1@271	CP_16QAM	16.73	18.55
DC_26A-n78(3700-3800)A	30	100	650000	273@0	CP_64QAM	16.87	18.69
DC_26A-n78(3700-3800)A	30	100	650000	137@68	CP_64QAM	16.94	18.76
DC_26A-n78(3700-3800)A	30	100	650000	1@1	CP_64QAM	16.89	18.71
DC_26A-n78(3700-3800)A	30	100	650000	1@271	CP_64QAM	16.70	18.52
DC_26A-n78(3700-3800)A	30	100	650000	273@0	CP_256QAM	14.17	15.99

DC_26A-n78(3700-3800)A	30	100	650000	137@68	CP_256QAM	14.24	16.06
DC_26A-n78(3700-3800)A	30	100	650000	1@1	CP_256QAM	13.81	15.63
DC_26A-n78(3700-3800)A	30	100	650000	1@271	CP_256QAM	13.81	15.63

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)
DC_66A-n78(3700-3800)A	30	20	647334	50@0	DFT_BPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	20	647334	25@12	DFT_BPSK	17.11	18.93
DC_66A-n78(3700-3800)A	30	20	647334	1@1	DFT_BPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	20	647334	1@49	DFT_BPSK	17.27	19.09
DC_66A-n78(3700-3800)A	30	20	647334	50@0	DFT_QPSK	17.11	18.93
DC_66A-n78(3700-3800)A	30	20	647334	25@12	DFT_QPSK	17.17	18.99
DC_66A-n78(3700-3800)A	30	20	647334	1@1	DFT_QPSK	17.09	18.91
DC_66A-n78(3700-3800)A	30	20	647334	1@49	DFT_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	20	647334	50@0	DFT_16QAM	17.18	19.00
DC_66A-n78(3700-3800)A	30	20	647334	25@12	DFT_16QAM	17.14	18.96
DC_66A-n78(3700-3800)A	30	20	647334	1@1	DFT_16QAM	17.23	19.05
DC_66A-n78(3700-3800)A	30	20	647334	1@49	DFT_16QAM	17.30	19.12
DC_66A-n78(3700-3800)A	30	20	647334	50@0	DFT_64QAM	17.22	19.04
DC_66A-n78(3700-3800)A	30	20	647334	25@12	DFT_64QAM	17.13	18.95
DC_66A-n78(3700-3800)A	30	20	647334	1@1	DFT_64QAM	16.95	18.77
DC_66A-n78(3700-3800)A	30	20	647334	1@49	DFT_64QAM	17.19	19.01
DC_66A-n78(3700-3800)A	30	20	647334	50@0	DFT_256QAM	16.50	18.32

DC_66A-n78(3700-3800)A	30	20	647334	25@12	DFT_256QAM	16.72	18.54
DC_66A-n78(3700-3800)A	30	20	647334	1@1	DFT_256QAM	16.23	18.05
DC_66A-n78(3700-3800)A	30	20	647334	1@49	DFT_256QAM	16.28	18.10
DC_66A-n78(3700-3800)A	30	20	647334	51@0	CP_QPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	20	647334	25@12	CP_QPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	20	647334	1@1	CP_QPSK	17.03	18.85
DC_66A-n78(3700-3800)A	30	20	647334	1@49	CP_QPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	20	647334	51@0	CP_16QAM	17.14	18.96
DC_66A-n78(3700-3800)A	30	20	647334	25@12	CP_16QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	20	647334	1@1	CP_16QAM	17.19	19.01
DC_66A-n78(3700-3800)A	30	20	647334	1@49	CP_16QAM	17.32	19.14
DC_66A-n78(3700-3800)A	30	20	647334	51@0	CP_64QAM	17.18	19.00
DC_66A-n78(3700-3800)A	30	20	647334	25@12	CP_64QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	20	647334	1@1	CP_64QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	20	647334	1@49	CP_64QAM	17.16	18.98
DC_66A-n78(3700-3800)A	30	20	647334	51@0	CP_256QAM	14.19	16.01
DC_66A-n78(3700-3800)A	30	20	647334	25@12	CP_256QAM	14.34	16.16
DC_66A-n78(3700-3800)A	30	20	647334	1@1	CP_256QAM	14.23	16.05
DC_66A-n78(3700-3800)A	30	20	647334	1@49	CP_256QAM	14.06	15.88
DC_66A-n78(3700-3800)A	30	20	650000	50@0	DFT_BPSK	17.17	18.99
DC_66A-n78(3700-3800)A	30	20	650000	25@12	DFT_BPSK	17.16	18.98
DC_66A-n78(3700-3800)A	30	20	650000	1@1	DFT_BPSK	17.32	19.14

DC_66A-n78(3700-3800)A	30	20	650000	1@49	DFT_BPSK	17.10	18.92
DC_66A-n78(3700-3800)A	30	20	650000	50@0	DFT_QPSK	17.23	19.05
DC_66A-n78(3700-3800)A	30	20	650000	25@12	DFT_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	20	650000	1@1	DFT_QPSK	17.36	19.18
DC_66A-n78(3700-3800)A	30	20	650000	1@49	DFT_QPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	20	650000	50@0	DFT_16QAM	17.12	18.94
DC_66A-n78(3700-3800)A	30	20	650000	25@12	DFT_16QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	20	650000	1@1	DFT_16QAM	17.55	19.37
DC_66A-n78(3700-3800)A	30	20	650000	1@49	DFT_16QAM	17.21	19.03
DC_66A-n78(3700-3800)A	30	20	650000	50@0	DFT_64QAM	17.11	18.93
DC_66A-n78(3700-3800)A	30	20	650000	25@12	DFT_64QAM	17.03	18.85
DC_66A-n78(3700-3800)A	30	20	650000	1@1	DFT_64QAM	17.28	19.10
DC_66A-n78(3700-3800)A	30	20	650000	1@49	DFT_64QAM	16.98	18.80
DC_66A-n78(3700-3800)A	30	20	650000	50@0	DFT_256QAM	16.61	18.43
DC_66A-n78(3700-3800)A	30	20	650000	25@12	DFT_256QAM	16.57	18.39
DC_66A-n78(3700-3800)A	30	20	650000	1@1	DFT_256QAM	16.53	18.35
DC_66A-n78(3700-3800)A	30	20	650000	1@49	DFT_256QAM	16.19	18.01
DC_66A-n78(3700-3800)A	30	20	650000	51@0	CP_QPSK	17.16	18.98
DC_66A-n78(3700-3800)A	30	20	650000	25@12	CP_QPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	20	650000	1@1	CP_QPSK	17.42	19.24
DC_66A-n78(3700-3800)A	30	20	650000	1@49	CP_QPSK	17.28	19.10
DC_66A-n78(3700-3800)A	30	20	650000	51@0	CP_16QAM	17.14	18.96

DC_66A-n78(3700-3800)A	30	20	650000	25@12	CP_16QAM	17.20	19.02
DC_66A-n78(3700-3800)A	30	20	650000	1@1	CP_16QAM	17.45	19.27
DC_66A-n78(3700-3800)A	30	20	650000	1@49	CP_16QAM	17.12	18.94
DC_66A-n78(3700-3800)A	30	20	650000	51@0	CP_64QAM	17.17	18.99
DC_66A-n78(3700-3800)A	30	20	650000	25@12	CP_64QAM	17.14	18.96
DC_66A-n78(3700-3800)A	30	20	650000	1@1	CP_64QAM	17.32	19.14
DC_66A-n78(3700-3800)A	30	20	650000	1@49	CP_64QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	20	650000	51@0	CP_256QAM	14.32	16.14
DC_66A-n78(3700-3800)A	30	20	650000	25@12	CP_256QAM	14.27	16.09
DC_66A-n78(3700-3800)A	30	20	650000	1@1	CP_256QAM	14.21	16.03
DC_66A-n78(3700-3800)A	30	20	650000	1@49	CP_256QAM	14.07	15.89
DC_66A-n78(3700-3800)A	30	20	652666	50@0	DFT_BPSK	17.25	19.07
DC_66A-n78(3700-3800)A	30	20	652666	25@12	DFT_BPSK	17.17	18.99
DC_66A-n78(3700-3800)A	30	20	652666	1@1	DFT_BPSK	17.28	19.10
DC_66A-n78(3700-3800)A	30	20	652666	1@49	DFT_BPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	20	652666	50@0	DFT_QPSK	17.18	19.00
DC_66A-n78(3700-3800)A	30	20	652666	25@12	DFT_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	20	652666	1@1	DFT_QPSK	17.30	19.12
DC_66A-n78(3700-3800)A	30	20	652666	1@49	DFT_QPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	20	652666	50@0	DFT_16QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	20	652666	25@12	DFT_16QAM	17.14	18.96
DC_66A-n78(3700-3800)A	30	20	652666	1@1	DFT_16QAM	17.25	19.07

DC_66A-n78(3700-3800)A	30	20	652666	1@49	DFT_16QAM	17.03	18.85
DC_66A-n78(3700-3800)A	30	20	652666	50@0	DFT_64QAM	17.29	19.11
DC_66A-n78(3700-3800)A	30	20	652666	25@12	DFT_64QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	20	652666	1@1	DFT_64QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	20	652666	1@49	DFT_64QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	20	652666	50@0	DFT_256QAM	16.70	18.52
DC_66A-n78(3700-3800)A	30	20	652666	25@12	DFT_256QAM	16.71	18.53
DC_66A-n78(3700-3800)A	30	20	652666	1@1	DFT_256QAM	16.45	18.27
DC_66A-n78(3700-3800)A	30	20	652666	1@49	DFT_256QAM	16.25	18.07
DC_66A-n78(3700-3800)A	30	20	652666	51@0	CP_QPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	20	652666	25@12	CP_QPSK	17.23	19.05
DC_66A-n78(3700-3800)A	30	20	652666	1@1	CP_QPSK	17.36	19.18
DC_66A-n78(3700-3800)A	30	20	652666	1@49	CP_QPSK	17.05	18.87
DC_66A-n78(3700-3800)A	30	20	652666	51@0	CP_16QAM	17.18	19.00
DC_66A-n78(3700-3800)A	30	20	652666	25@12	CP_16QAM	17.21	19.03
DC_66A-n78(3700-3800)A	30	20	652666	1@1	CP_16QAM	17.14	18.96
DC_66A-n78(3700-3800)A	30	20	652666	1@49	CP_16QAM	17.20	19.02
DC_66A-n78(3700-3800)A	30	20	652666	51@0	CP_64QAM	17.12	18.94
DC_66A-n78(3700-3800)A	30	20	652666	25@12	CP_64QAM	17.30	19.12
DC_66A-n78(3700-3800)A	30	20	652666	1@1	CP_64QAM	17.43	19.25
DC_66A-n78(3700-3800)A	30	20	652666	1@49	CP_64QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	20	652666	51@0	CP_256QAM	14.34	16.16

DC_66A-n78(3700-3800)A	30	20	652666	25@12	CP_256QAM	14.35	16.17
DC_66A-n78(3700-3800)A	30	20	652666	1@1	CP_256QAM	14.18	16.00
DC_66A-n78(3700-3800)A	30	20	652666	1@49	CP_256QAM	14.09	15.91
DC_66A-n78(3700-3800)A	30	30	647668	75@0	DFT_BPSK	17.20	19.02
DC_66A-n78(3700-3800)A	30	30	647668	36@18	DFT_BPSK	17.16	18.98
DC_66A-n78(3700-3800)A	30	30	647668	1@1	DFT_BPSK	17.05	18.87
DC_66A-n78(3700-3800)A	30	30	647668	1@76	DFT_BPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	30	647668	75@0	DFT_QPSK	17.21	19.03
DC_66A-n78(3700-3800)A	30	30	647668	36@18	DFT_QPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	30	647668	1@1	DFT_QPSK	17.10	18.92
DC_66A-n78(3700-3800)A	30	30	647668	1@76	DFT_QPSK	17.26	19.08
DC_66A-n78(3700-3800)A	30	30	647668	75@0	DFT_16QAM	17.25	19.07
DC_66A-n78(3700-3800)A	30	30	647668	36@18	DFT_16QAM	17.20	19.02
DC_66A-n78(3700-3800)A	30	30	647668	1@1	DFT_16QAM	17.11	18.93
DC_66A-n78(3700-3800)A	30	30	647668	1@76	DFT_16QAM	17.32	19.14
DC_66A-n78(3700-3800)A	30	30	647668	75@0	DFT_64QAM	17.22	19.04
DC_66A-n78(3700-3800)A	30	30	647668	36@18	DFT_64QAM	17.32	19.14
DC_66A-n78(3700-3800)A	30	30	647668	1@1	DFT_64QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	30	647668	1@76	DFT_64QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	30	647668	75@0	DFT_256QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	30	647668	36@18	DFT_256QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	30	647668	1@1	DFT_256QAM	16.17	17.99

DC_66A-n78(3700-3800)A	30	30	647668	1@76	DFT_256QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	30	647668	78@0	CP_QPSK	17.20	19.02
DC_66A-n78(3700-3800)A	30	30	647668	39@19	CP_QPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	30	647668	1@1	CP_QPSK	17.07	18.89
DC_66A-n78(3700-3800)A	30	30	647668	1@76	CP_QPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	30	647668	78@0	CP_16QAM	17.20	19.02
DC_66A-n78(3700-3800)A	30	30	647668	39@19	CP_16QAM	17.21	19.03
DC_66A-n78(3700-3800)A	30	30	647668	1@1	CP_16QAM	17.02	18.84
DC_66A-n78(3700-3800)A	30	30	647668	1@76	CP_16QAM	17.29	19.11
DC_66A-n78(3700-3800)A	30	30	647668	78@0	CP_64QAM	17.25	19.07
DC_66A-n78(3700-3800)A	30	30	647668	39@19	CP_64QAM	17.32	19.14
DC_66A-n78(3700-3800)A	30	30	647668	1@1	CP_64QAM	17.00	18.82
DC_66A-n78(3700-3800)A	30	30	647668	1@76	CP_64QAM	17.34	19.16
DC_66A-n78(3700-3800)A	30	30	647668	78@0	CP_256QAM	14.39	16.21
DC_66A-n78(3700-3800)A	30	30	647668	39@19	CP_256QAM	14.22	16.04
DC_66A-n78(3700-3800)A	30	30	647668	1@1	CP_256QAM	13.98	15.80
DC_66A-n78(3700-3800)A	30	30	647668	1@76	CP_256QAM	14.13	15.95
DC_66A-n78(3700-3800)A	30	30	650000	75@0	DFT_BPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	30	650000	36@18	DFT_BPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	30	650000	1@1	DFT_BPSK	17.39	19.21
DC_66A-n78(3700-3800)A	30	30	650000	1@76	DFT_BPSK	17.16	18.98
DC_66A-n78(3700-3800)A	30	30	650000	75@0	DFT_QPSK	17.18	19.00

DC_66A-n78(3700-3800)A	30	30	650000	36@18	DFT_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	30	650000	1@1	DFT_QPSK	17.39	19.21
DC_66A-n78(3700-3800)A	30	30	650000	1@76	DFT_QPSK	17.10	18.92
DC_66A-n78(3700-3800)A	30	30	650000	75@0	DFT_16QAM	17.19	19.01
DC_66A-n78(3700-3800)A	30	30	650000	36@18	DFT_16QAM	17.21	19.03
DC_66A-n78(3700-3800)A	30	30	650000	1@1	DFT_16QAM	17.54	19.36
DC_66A-n78(3700-3800)A	30	30	650000	1@76	DFT_16QAM	17.38	19.20
DC_66A-n78(3700-3800)A	30	30	650000	75@0	DFT_64QAM	17.21	19.03
DC_66A-n78(3700-3800)A	30	30	650000	36@18	DFT_64QAM	17.19	19.01
DC_66A-n78(3700-3800)A	30	30	650000	1@1	DFT_64QAM	17.29	19.11
DC_66A-n78(3700-3800)A	30	30	650000	1@76	DFT_64QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	30	650000	75@0	DFT_256QAM	16.54	18.36
DC_66A-n78(3700-3800)A	30	30	650000	36@18	DFT_256QAM	16.55	18.37
DC_66A-n78(3700-3800)A	30	30	650000	1@1	DFT_256QAM	16.44	18.26
DC_66A-n78(3700-3800)A	30	30	650000	1@76	DFT_256QAM	16.34	18.16
DC_66A-n78(3700-3800)A	30	30	650000	78@0	CP_QPSK	17.17	18.99
DC_66A-n78(3700-3800)A	30	30	650000	39@19	CP_QPSK	17.27	19.09
DC_66A-n78(3700-3800)A	30	30	650000	1@1	CP_QPSK	17.46	19.28
DC_66A-n78(3700-3800)A	30	30	650000	1@76	CP_QPSK	17.26	19.08
DC_66A-n78(3700-3800)A	30	30	650000	78@0	CP_16QAM	17.09	18.91
DC_66A-n78(3700-3800)A	30	30	650000	39@19	CP_16QAM	17.17	18.99
DC_66A-n78(3700-3800)A	30	30	650000	1@1	CP_16QAM	17.50	19.32

DC_66A-n78(3700-3800)A	30	30	650000	1@76	CP_16QAM	17.25	19.07
DC_66A-n78(3700-3800)A	30	30	650000	78@0	CP_64QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	30	650000	39@19	CP_64QAM	17.20	19.02
DC_66A-n78(3700-3800)A	30	30	650000	1@1	CP_64QAM	17.39	19.21
DC_66A-n78(3700-3800)A	30	30	650000	1@76	CP_64QAM	17.18	19.00
DC_66A-n78(3700-3800)A	30	30	650000	78@0	CP_256QAM	14.44	16.26
DC_66A-n78(3700-3800)A	30	30	650000	39@19	CP_256QAM	14.34	16.16
DC_66A-n78(3700-3800)A	30	30	650000	1@1	CP_256QAM	14.31	16.13
DC_66A-n78(3700-3800)A	30	30	650000	1@76	CP_256QAM	14.15	15.97
DC_66A-n78(3700-3800)A	30	30	652332	75@0	DFT_BPSK	17.09	18.91
DC_66A-n78(3700-3800)A	30	30	652332	36@18	DFT_BPSK	17.11	18.93
DC_66A-n78(3700-3800)A	30	30	652332	1@1	DFT_BPSK	17.19	19.01
DC_66A-n78(3700-3800)A	30	30	652332	1@76	DFT_BPSK	17.02	18.84
DC_66A-n78(3700-3800)A	30	30	652332	75@0	DFT_QPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	30	652332	36@18	DFT_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	30	652332	1@1	DFT_QPSK	17.25	19.07
DC_66A-n78(3700-3800)A	30	30	652332	1@76	DFT_QPSK	17.05	18.87
DC_66A-n78(3700-3800)A	30	30	652332	75@0	DFT_16QAM	17.19	19.01
DC_66A-n78(3700-3800)A	30	30	652332	36@18	DFT_16QAM	17.14	18.96
DC_66A-n78(3700-3800)A	30	30	652332	1@1	DFT_16QAM	17.28	19.10
DC_66A-n78(3700-3800)A	30	30	652332	1@76	DFT_16QAM	17.11	18.93
DC_66A-n78(3700-3800)A	30	30	652332	75@0	DFT_64QAM	17.22	19.04

DC_66A-n78(3700-3800)A	30	30	652332	36@18	DFT_64QAM	17.13	18.95
DC_66A-n78(3700-3800)A	30	30	652332	1@1	DFT_64QAM	17.12	18.94
DC_66A-n78(3700-3800)A	30	30	652332	1@76	DFT_64QAM	16.88	18.70
DC_66A-n78(3700-3800)A	30	30	652332	75@0	DFT_256QAM	16.46	18.28
DC_66A-n78(3700-3800)A	30	30	652332	36@18	DFT_256QAM	16.52	18.34
DC_66A-n78(3700-3800)A	30	30	652332	1@1	DFT_256QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	30	652332	1@76	DFT_256QAM	16.18	18.00
DC_66A-n78(3700-3800)A	30	30	652332	78@0	CP_QPSK	17.20	19.02
DC_66A-n78(3700-3800)A	30	30	652332	39@19	CP_QPSK	17.19	19.01
DC_66A-n78(3700-3800)A	30	30	652332	1@1	CP_QPSK	17.32	19.14
DC_66A-n78(3700-3800)A	30	30	652332	1@76	CP_QPSK	17.05	18.87
DC_66A-n78(3700-3800)A	30	30	652332	78@0	CP_16QAM	17.02	18.84
DC_66A-n78(3700-3800)A	30	30	652332	39@19	CP_16QAM	17.23	19.05
DC_66A-n78(3700-3800)A	30	30	652332	1@1	CP_16QAM	17.25	19.07
DC_66A-n78(3700-3800)A	30	30	652332	1@76	CP_16QAM	17.03	18.85
DC_66A-n78(3700-3800)A	30	30	652332	78@0	CP_64QAM	17.01	18.83
DC_66A-n78(3700-3800)A	30	30	652332	39@19	CP_64QAM	17.18	19.00
DC_66A-n78(3700-3800)A	30	30	652332	1@1	CP_64QAM	17.19	19.01
DC_66A-n78(3700-3800)A	30	30	652332	1@76	CP_64QAM	17.02	18.84
DC_66A-n78(3700-3800)A	30	30	652332	78@0	CP_256QAM	14.29	16.11
DC_66A-n78(3700-3800)A	30	30	652332	39@19	CP_256QAM	14.29	16.11
DC_66A-n78(3700-3800)A	30	30	652332	1@1	CP_256QAM	14.23	16.05

DC_66A-n78(3700-3800)A	30	30	652332	1@76	CP_256QAM	14.11	15.93
DC_66A-n78(3700-3800)A	30	40	648000	100@0	DFT_BPSK	17.38	19.20
DC_66A-n78(3700-3800)A	30	40	648000	50@25	DFT_BPSK	17.29	19.11
DC_66A-n78(3700-3800)A	30	40	648000	1@1	DFT_BPSK	17.26	19.08
DC_66A-n78(3700-3800)A	30	40	648000	1@104	DFT_BPSK	17.39	19.21
DC_66A-n78(3700-3800)A	30	40	648000	100@0	DFT_QPSK	17.37	19.19
DC_66A-n78(3700-3800)A	30	40	648000	50@25	DFT_QPSK	17.39	19.21
DC_66A-n78(3700-3800)A	30	40	648000	1@1	DFT_QPSK	17.32	19.14
DC_66A-n78(3700-3800)A	30	40	648000	1@104	DFT_QPSK	17.32	19.14
DC_66A-n78(3700-3800)A	30	40	648000	100@0	DFT_16QAM	17.25	19.07
DC_66A-n78(3700-3800)A	30	40	648000	50@25	DFT_16QAM	17.53	19.35
DC_66A-n78(3700-3800)A	30	40	648000	1@1	DFT_16QAM	17.62	19.44
DC_66A-n78(3700-3800)A	30	40	648000	1@104	DFT_16QAM	17.43	19.25
DC_66A-n78(3700-3800)A	30	40	648000	100@0	DFT_64QAM	17.42	19.24
DC_66A-n78(3700-3800)A	30	40	648000	50@25	DFT_64QAM	17.45	19.27
DC_66A-n78(3700-3800)A	30	40	648000	1@1	DFT_64QAM	17.23	19.05
DC_66A-n78(3700-3800)A	30	40	648000	1@104	DFT_64QAM	17.25	19.07
DC_66A-n78(3700-3800)A	30	40	648000	100@0	DFT_256QAM	17.02	18.84
DC_66A-n78(3700-3800)A	30	40	648000	50@25	DFT_256QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	40	648000	1@1	DFT_256QAM	16.64	18.46
DC_66A-n78(3700-3800)A	30	40	648000	1@104	DFT_256QAM	16.78	18.60
DC_66A-n78(3700-3800)A	30	40	648000	106@0	CP_QPSK	17.48	19.30

DC_66A-n78(3700-3800)A	30	40	648000	53@26	CP_QPSK	17.46	19.28
DC_66A-n78(3700-3800)A	30	40	648000	1@1	CP_QPSK	17.35	19.17
DC_66A-n78(3700-3800)A	30	40	648000	1@104	CP_QPSK	17.43	19.25
DC_66A-n78(3700-3800)A	30	40	648000	106@0	CP_16QAM	17.51	19.33
DC_66A-n78(3700-3800)A	30	40	648000	53@26	CP_16QAM	17.52	19.34
DC_66A-n78(3700-3800)A	30	40	648000	1@1	CP_16QAM	17.53	19.35
DC_66A-n78(3700-3800)A	30	40	648000	1@104	CP_16QAM	17.51	19.33
DC_66A-n78(3700-3800)A	30	40	648000	106@0	CP_64QAM	17.45	19.27
DC_66A-n78(3700-3800)A	30	40	648000	53@26	CP_64QAM	17.53	19.35
DC_66A-n78(3700-3800)A	30	40	648000	1@1	CP_64QAM	17.48	19.30
DC_66A-n78(3700-3800)A	30	40	648000	1@104	CP_64QAM	17.48	19.30
DC_66A-n78(3700-3800)A	30	40	648000	106@0	CP_256QAM	14.60	16.42
DC_66A-n78(3700-3800)A	30	40	648000	53@26	CP_256QAM	14.55	16.37
DC_66A-n78(3700-3800)A	30	40	648000	1@1	CP_256QAM	14.40	16.22
DC_66A-n78(3700-3800)A	30	40	648000	1@104	CP_256QAM	14.24	16.06
DC_66A-n78(3700-3800)A	30	40	650000	100@0	DFT_BPSK	17.23	19.05
DC_66A-n78(3700-3800)A	30	40	650000	50@25	DFT_BPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	40	650000	1@1	DFT_BPSK	17.57	19.39
DC_66A-n78(3700-3800)A	30	40	650000	1@104	DFT_BPSK	17.11	18.93
DC_66A-n78(3700-3800)A	30	40	650000	100@0	DFT_QPSK	17.11	18.93
DC_66A-n78(3700-3800)A	30	40	650000	50@25	DFT_QPSK	17.09	18.91
DC_66A-n78(3700-3800)A	30	40	650000	1@1	DFT_QPSK	17.47	19.29

DC_66A-n78(3700-3800)A	30	40	650000	1@104	DFT_QPSK	17.23	19.05
DC_66A-n78(3700-3800)A	30	40	650000	100@0	DFT_16QAM	17.30	19.12
DC_66A-n78(3700-3800)A	30	40	650000	50@25	DFT_16QAM	17.25	19.07
DC_66A-n78(3700-3800)A	30	40	650000	1@1	DFT_16QAM	17.61	19.43
DC_66A-n78(3700-3800)A	30	40	650000	1@104	DFT_16QAM	17.39	19.21
DC_66A-n78(3700-3800)A	30	40	650000	100@0	DFT_64QAM	17.28	19.10
DC_66A-n78(3700-3800)A	30	40	650000	50@25	DFT_64QAM	17.14	18.96
DC_66A-n78(3700-3800)A	30	40	650000	1@1	DFT_64QAM	17.32	19.14
DC_66A-n78(3700-3800)A	30	40	650000	1@104	DFT_64QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	40	650000	100@0	DFT_256QAM	16.57	18.39
DC_66A-n78(3700-3800)A	30	40	650000	50@25	DFT_256QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	40	650000	1@1	DFT_256QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	40	650000	1@104	DFT_256QAM	16.46	18.28
DC_66A-n78(3700-3800)A	30	40	650000	106@0	CP_QPSK	17.21	19.03
DC_66A-n78(3700-3800)A	30	40	650000	53@26	CP_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	40	650000	1@1	CP_QPSK	17.57	19.39
DC_66A-n78(3700-3800)A	30	40	650000	1@104	CP_QPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	40	650000	106@0	CP_16QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	40	650000	53@26	CP_16QAM	16.97	18.79
DC_66A-n78(3700-3800)A	30	40	650000	1@1	CP_16QAM	17.48	19.30
DC_66A-n78(3700-3800)A	30	40	650000	1@104	CP_16QAM	17.32	19.14
DC_66A-n78(3700-3800)A	30	40	650000	106@0	CP_64QAM	17.13	18.95

DC_66A-n78(3700-3800)A	30	40	650000	53@26	CP_64QAM	17.13	18.95
DC_66A-n78(3700-3800)A	30	40	650000	1@1	CP_64QAM	17.45	19.27
DC_66A-n78(3700-3800)A	30	40	650000	1@104	CP_64QAM	17.20	19.02
DC_66A-n78(3700-3800)A	30	40	650000	106@0	CP_256QAM	14.29	16.11
DC_66A-n78(3700-3800)A	30	40	650000	53@26	CP_256QAM	14.49	16.31
DC_66A-n78(3700-3800)A	30	40	650000	1@1	CP_256QAM	14.42	16.24
DC_66A-n78(3700-3800)A	30	40	650000	1@104	CP_256QAM	14.22	16.04
DC_66A-n78(3700-3800)A	30	40	652000	100@0	DFT_BPSK	17.05	18.87
DC_66A-n78(3700-3800)A	30	40	652000	50@25	DFT_BPSK	16.87	18.69
DC_66A-n78(3700-3800)A	30	40	652000	1@1	DFT_BPSK	17.16	18.98
DC_66A-n78(3700-3800)A	30	40	652000	1@104	DFT_BPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	40	652000	100@0	DFT_QPSK	16.95	18.77
DC_66A-n78(3700-3800)A	30	40	652000	50@25	DFT_QPSK	17.01	18.83
DC_66A-n78(3700-3800)A	30	40	652000	1@1	DFT_QPSK	17.21	19.03
DC_66A-n78(3700-3800)A	30	40	652000	1@104	DFT_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	40	652000	100@0	DFT_16QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	40	652000	50@25	DFT_16QAM	16.98	18.80
DC_66A-n78(3700-3800)A	30	40	652000	1@1	DFT_16QAM	17.42	19.24
DC_66A-n78(3700-3800)A	30	40	652000	1@104	DFT_16QAM	17.28	19.10
DC_66A-n78(3700-3800)A	30	40	652000	100@0	DFT_64QAM	16.98	18.80
DC_66A-n78(3700-3800)A	30	40	652000	50@25	DFT_64QAM	16.93	18.75
DC_66A-n78(3700-3800)A	30	40	652000	1@1	DFT_64QAM	17.11	18.93

DC_66A-n78(3700-3800)A	30	40	652000	1@104	DFT_64QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	40	652000	100@0	DFT_256QAM	16.48	18.30
DC_66A-n78(3700-3800)A	30	40	652000	50@25	DFT_256QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	40	652000	1@1	DFT_256QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	40	652000	1@104	DFT_256QAM	16.32	18.14
DC_66A-n78(3700-3800)A	30	40	652000	106@0	CP_QPSK	16.82	18.64
DC_66A-n78(3700-3800)A	30	40	652000	53@26	CP_QPSK	16.96	18.78
DC_66A-n78(3700-3800)A	30	40	652000	1@1	CP_QPSK	17.23	19.05
DC_66A-n78(3700-3800)A	30	40	652000	1@104	CP_QPSK	17.12	18.94
DC_66A-n78(3700-3800)A	30	40	652000	106@0	CP_16QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	40	652000	53@26	CP_16QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	40	652000	1@1	CP_16QAM	17.25	19.07
DC_66A-n78(3700-3800)A	30	40	652000	1@104	CP_16QAM	17.13	18.95
DC_66A-n78(3700-3800)A	30	40	652000	106@0	CP_64QAM	16.93	18.75
DC_66A-n78(3700-3800)A	30	40	652000	53@26	CP_64QAM	16.86	18.68
DC_66A-n78(3700-3800)A	30	40	652000	1@1	CP_64QAM	17.20	19.02
DC_66A-n78(3700-3800)A	30	40	652000	1@104	CP_64QAM	17.03	18.85
DC_66A-n78(3700-3800)A	30	40	652000	106@0	CP_256QAM	14.19	16.01
DC_66A-n78(3700-3800)A	30	40	652000	53@26	CP_256QAM	14.22	16.04
DC_66A-n78(3700-3800)A	30	40	652000	1@1	CP_256QAM	14.23	16.05
DC_66A-n78(3700-3800)A	30	40	652000	1@104	CP_256QAM	13.90	15.72
DC_66A-n78(3700-3800)A	30	50	648334	128@0	DFT_BPSK	17.05	18.87

DC_66A-n78(3700-3800)A	30	50	648334	64@32	DFT_BPSK	17.09	18.91
DC_66A-n78(3700-3800)A	30	50	648334	1@1	DFT_BPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	50	648334	1@131	DFT_BPSK	17.04	18.86
DC_66A-n78(3700-3800)A	30	50	648334	128@0	DFT_QPSK	17.07	18.89
DC_66A-n78(3700-3800)A	30	50	648334	64@32	DFT_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	50	648334	1@1	DFT_QPSK	17.00	18.82
DC_66A-n78(3700-3800)A	30	50	648334	1@131	DFT_QPSK	17.00	18.82
DC_66A-n78(3700-3800)A	30	50	648334	128@0	DFT_16QAM	17.17	18.99
DC_66A-n78(3700-3800)A	30	50	648334	64@32	DFT_16QAM	17.00	18.82
DC_66A-n78(3700-3800)A	30	50	648334	1@1	DFT_16QAM	17.13	18.95
DC_66A-n78(3700-3800)A	30	50	648334	1@131	DFT_16QAM	17.21	19.03
DC_66A-n78(3700-3800)A	30	50	648334	128@0	DFT_64QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	50	648334	64@32	DFT_64QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	50	648334	1@1	DFT_64QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	50	648334	1@131	DFT_64QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	50	648334	128@0	DFT_256QAM	16.51	18.33
DC_66A-n78(3700-3800)A	30	50	648334	64@32	DFT_256QAM	16.61	18.43
DC_66A-n78(3700-3800)A	30	50	648334	1@1	DFT_256QAM	16.18	18.00
DC_66A-n78(3700-3800)A	30	50	648334	1@131	DFT_256QAM	16.27	18.09
DC_66A-n78(3700-3800)A	30	50	648334	133@0	CP_QPSK	17.10	18.92
DC_66A-n78(3700-3800)A	30	50	648334	67@33	CP_QPSK	17.09	18.91
DC_66A-n78(3700-3800)A	30	50	648334	1@1	CP_QPSK	17.13	18.95

DC_66A-n78(3700-3800)A	30	50	648334	1@131	CP_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	50	648334	133@0	CP_16QAM	17.11	18.93
DC_66A-n78(3700-3800)A	30	50	648334	67@33	CP_16QAM	17.02	18.84
DC_66A-n78(3700-3800)A	30	50	648334	1@1	CP_16QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	50	648334	1@131	CP_16QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	50	648334	133@0	CP_64QAM	17.23	19.05
DC_66A-n78(3700-3800)A	30	50	648334	67@33	CP_64QAM	17.21	19.03
DC_66A-n78(3700-3800)A	30	50	648334	1@1	CP_64QAM	17.11	18.93
DC_66A-n78(3700-3800)A	30	50	648334	1@131	CP_64QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	50	648334	133@0	CP_256QAM	14.28	16.10
DC_66A-n78(3700-3800)A	30	50	648334	67@33	CP_256QAM	14.22	16.04
DC_66A-n78(3700-3800)A	30	50	648334	1@1	CP_256QAM	14.01	15.83
DC_66A-n78(3700-3800)A	30	50	648334	1@131	CP_256QAM	13.97	15.79
DC_66A-n78(3700-3800)A	30	50	650000	128@0	DFT_BPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	50	650000	64@32	DFT_BPSK	17.09	18.91
DC_66A-n78(3700-3800)A	30	50	650000	1@1	DFT_BPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	50	650000	1@131	DFT_BPSK	16.76	18.58
DC_66A-n78(3700-3800)A	30	50	650000	128@0	DFT_QPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	50	650000	64@32	DFT_QPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	50	650000	1@1	DFT_QPSK	17.05	18.87
DC_66A-n78(3700-3800)A	30	50	650000	1@131	DFT_QPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	50	650000	128@0	DFT_16QAM	17.14	18.96

DC_66A-n78(3700-3800)A	30	50	650000	64@32	DFT_16QAM	17.02	18.84
DC_66A-n78(3700-3800)A	30	50	650000	1@1	DFT_16QAM	17.23	19.05
DC_66A-n78(3700-3800)A	30	50	650000	1@131	DFT_16QAM	16.98	18.80
DC_66A-n78(3700-3800)A	30	50	650000	128@0	DFT_64QAM	16.97	18.79
DC_66A-n78(3700-3800)A	30	50	650000	64@32	DFT_64QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	50	650000	1@1	DFT_64QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	50	650000	1@131	DFT_64QAM	16.62	18.44
DC_66A-n78(3700-3800)A	30	50	650000	128@0	DFT_256QAM	16.55	18.37
DC_66A-n78(3700-3800)A	30	50	650000	64@32	DFT_256QAM	16.59	18.41
DC_66A-n78(3700-3800)A	30	50	650000	1@1	DFT_256QAM	16.35	18.17
DC_66A-n78(3700-3800)A	30	50	650000	1@131	DFT_256QAM	16.05	17.87
DC_66A-n78(3700-3800)A	30	50	650000	133@0	CP_QPSK	17.05	18.87
DC_66A-n78(3700-3800)A	30	50	650000	67@33	CP_QPSK	17.07	18.89
DC_66A-n78(3700-3800)A	30	50	650000	1@1	CP_QPSK	17.23	19.05
DC_66A-n78(3700-3800)A	30	50	650000	1@131	CP_QPSK	16.80	18.62
DC_66A-n78(3700-3800)A	30	50	650000	133@0	CP_16QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	50	650000	67@33	CP_16QAM	16.93	18.75
DC_66A-n78(3700-3800)A	30	50	650000	1@1	CP_16QAM	17.23	19.05
DC_66A-n78(3700-3800)A	30	50	650000	1@131	CP_16QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	50	650000	133@0	CP_64QAM	17.01	18.83
DC_66A-n78(3700-3800)A	30	50	650000	67@33	CP_64QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	50	650000	1@1	CP_64QAM	17.19	19.01

DC_66A-n78(3700-3800)A	30	50	650000	1@131	CP_64QAM	16.84	18.66
DC_66A-n78(3700-3800)A	30	50	650000	133@0	CP_256QAM	14.15	15.97
DC_66A-n78(3700-3800)A	30	50	650000	67@33	CP_256QAM	14.16	15.98
DC_66A-n78(3700-3800)A	30	50	650000	1@1	CP_256QAM	14.25	16.07
DC_66A-n78(3700-3800)A	30	50	650000	1@131	CP_256QAM	13.80	15.62
DC_66A-n78(3700-3800)A	30	50	651666	128@0	DFT_BPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	50	651666	64@32	DFT_BPSK	16.93	18.75
DC_66A-n78(3700-3800)A	30	50	651666	1@1	DFT_BPSK	16.95	18.77
DC_66A-n78(3700-3800)A	30	50	651666	1@131	DFT_BPSK	16.66	18.48
DC_66A-n78(3700-3800)A	30	50	651666	128@0	DFT_QPSK	17.02	18.84
DC_66A-n78(3700-3800)A	30	50	651666	64@32	DFT_QPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	50	651666	1@1	DFT_QPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	50	651666	1@131	DFT_QPSK	16.71	18.53
DC_66A-n78(3700-3800)A	30	50	651666	128@0	DFT_16QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	50	651666	64@32	DFT_16QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	50	651666	1@1	DFT_16QAM	17.23	19.05
DC_66A-n78(3700-3800)A	30	50	651666	1@131	DFT_16QAM	16.85	18.67
DC_66A-n78(3700-3800)A	30	50	651666	128@0	DFT_64QAM	16.96	18.78
DC_66A-n78(3700-3800)A	30	50	651666	64@32	DFT_64QAM	16.93	18.75
DC_66A-n78(3700-3800)A	30	50	651666	1@1	DFT_64QAM	16.95	18.77
DC_66A-n78(3700-3800)A	30	50	651666	1@131	DFT_64QAM	16.48	18.30
DC_66A-n78(3700-3800)A	30	50	651666	128@0	DFT_256QAM	16.30	18.12

DC_66A-n78(3700-3800)A	30	50	651666	64@32	DFT_256QAM	16.34	18.16
DC_66A-n78(3700-3800)A	30	50	651666	1@1	DFT_256QAM	16.29	18.11
DC_66A-n78(3700-3800)A	30	50	651666	1@131	DFT_256QAM	15.95	17.77
DC_66A-n78(3700-3800)A	30	50	651666	133@0	CP_QPSK	16.82	18.64
DC_66A-n78(3700-3800)A	30	50	651666	67@33	CP_QPSK	16.84	18.66
DC_66A-n78(3700-3800)A	30	50	651666	1@1	CP_QPSK	17.09	18.91
DC_66A-n78(3700-3800)A	30	50	651666	1@131	CP_QPSK	16.62	18.44
DC_66A-n78(3700-3800)A	30	50	651666	133@0	CP_16QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	50	651666	67@33	CP_16QAM	16.95	18.77
DC_66A-n78(3700-3800)A	30	50	651666	1@1	CP_16QAM	16.91	18.73
DC_66A-n78(3700-3800)A	30	50	651666	1@131	CP_16QAM	16.85	18.67
DC_66A-n78(3700-3800)A	30	50	651666	133@0	CP_64QAM	17.00	18.82
DC_66A-n78(3700-3800)A	30	50	651666	67@33	CP_64QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	50	651666	1@1	CP_64QAM	16.96	18.78
DC_66A-n78(3700-3800)A	30	50	651666	1@131	CP_64QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	50	651666	133@0	CP_256QAM	14.18	16.00
DC_66A-n78(3700-3800)A	30	50	651666	67@33	CP_256QAM	14.14	15.96
DC_66A-n78(3700-3800)A	30	50	651666	1@1	CP_256QAM	13.92	15.74
DC_66A-n78(3700-3800)A	30	50	651666	1@131	CP_256QAM	13.72	15.54
DC_66A-n78(3700-3800)A	30	60	648668	162@0	DFT_BPSK	17.02	18.84
DC_66A-n78(3700-3800)A	30	60	648668	81@40	DFT_BPSK	17.01	18.83
DC_66A-n78(3700-3800)A	30	60	648668	1@1	DFT_BPSK	16.86	18.68

DC_66A-n78(3700-3800)A	30	60	648668	1@160	DFT_BPSK	16.78	18.60
DC_66A-n78(3700-3800)A	30	60	648668	162@0	DFT_QPSK	17.01	18.83
DC_66A-n78(3700-3800)A	30	60	648668	81@40	DFT_QPSK	16.93	18.75
DC_66A-n78(3700-3800)A	30	60	648668	1@1	DFT_QPSK	16.93	18.75
DC_66A-n78(3700-3800)A	30	60	648668	1@160	DFT_QPSK	16.88	18.70
DC_66A-n78(3700-3800)A	30	60	648668	162@0	DFT_16QAM	16.97	18.79
DC_66A-n78(3700-3800)A	30	60	648668	81@40	DFT_16QAM	16.98	18.80
DC_66A-n78(3700-3800)A	30	60	648668	1@1	DFT_16QAM	17.01	18.83
DC_66A-n78(3700-3800)A	30	60	648668	1@160	DFT_16QAM	16.86	18.68
DC_66A-n78(3700-3800)A	30	60	648668	162@0	DFT_64QAM	17.01	18.83
DC_66A-n78(3700-3800)A	30	60	648668	81@40	DFT_64QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	60	648668	1@1	DFT_64QAM	16.63	18.45
DC_66A-n78(3700-3800)A	30	60	648668	1@160	DFT_64QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	60	648668	162@0	DFT_256QAM	16.36	18.18
DC_66A-n78(3700-3800)A	30	60	648668	81@40	DFT_256QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	60	648668	1@1	DFT_256QAM	16.14	17.96
DC_66A-n78(3700-3800)A	30	60	648668	1@160	DFT_256QAM	16.05	17.87
DC_66A-n78(3700-3800)A	30	60	648668	162@0	CP_QPSK	16.82	18.64
DC_66A-n78(3700-3800)A	30	60	648668	81@40	CP_QPSK	16.96	18.78
DC_66A-n78(3700-3800)A	30	60	648668	1@1	CP_QPSK	16.80	18.62
DC_66A-n78(3700-3800)A	30	60	648668	1@160	CP_QPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	60	648668	162@0	CP_16QAM	17.01	18.83

DC_66A-n78(3700-3800)A	30	60	648668	81@40	CP_16QAM	16.91	18.73
DC_66A-n78(3700-3800)A	30	60	648668	1@1	CP_16QAM	16.98	18.80
DC_66A-n78(3700-3800)A	30	60	648668	1@160	CP_16QAM	16.84	18.66
DC_66A-n78(3700-3800)A	30	60	648668	162@0	CP_64QAM	17.00	18.82
DC_66A-n78(3700-3800)A	30	60	648668	81@40	CP_64QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	60	648668	1@1	CP_64QAM	16.87	18.69
DC_66A-n78(3700-3800)A	30	60	648668	1@160	CP_64QAM	16.84	18.66
DC_66A-n78(3700-3800)A	30	60	648668	162@0	CP_256QAM	14.21	16.03
DC_66A-n78(3700-3800)A	30	60	648668	81@40	CP_256QAM	14.23	16.05
DC_66A-n78(3700-3800)A	30	60	648668	1@1	CP_256QAM	13.82	15.64
DC_66A-n78(3700-3800)A	30	60	648668	1@160	CP_256QAM	13.89	15.71
DC_66A-n78(3700-3800)A	30	60	650000	162@0	DFT_BPSK	17.10	18.92
DC_66A-n78(3700-3800)A	30	60	650000	81@40	DFT_BPSK	17.04	18.86
DC_66A-n78(3700-3800)A	30	60	650000	1@1	DFT_BPSK	17.16	18.98
DC_66A-n78(3700-3800)A	30	60	650000	1@160	DFT_BPSK	16.91	18.73
DC_66A-n78(3700-3800)A	30	60	650000	162@0	DFT_QPSK	17.02	18.84
DC_66A-n78(3700-3800)A	30	60	650000	81@40	DFT_QPSK	17.07	18.89
DC_66A-n78(3700-3800)A	30	60	650000	1@1	DFT_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	60	650000	1@160	DFT_QPSK	16.91	18.73
DC_66A-n78(3700-3800)A	30	60	650000	162@0	DFT_16QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	60	650000	81@40	DFT_16QAM	17.09	18.91
DC_66A-n78(3700-3800)A	30	60	650000	1@1	DFT_16QAM	17.34	19.16

DC_66A-n78(3700-3800)A	30	60	650000	1@160	DFT_16QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	60	650000	162@0	DFT_64QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	60	650000	81@40	DFT_64QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	60	650000	1@1	DFT_64QAM	17.12	18.94
DC_66A-n78(3700-3800)A	30	60	650000	1@160	DFT_64QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	60	650000	162@0	DFT_256QAM	16.70	18.52
DC_66A-n78(3700-3800)A	30	60	650000	81@40	DFT_256QAM	16.71	18.53
DC_66A-n78(3700-3800)A	30	60	650000	1@1	DFT_256QAM	16.48	18.30
DC_66A-n78(3700-3800)A	30	60	650000	1@160	DFT_256QAM	16.17	17.99
DC_66A-n78(3700-3800)A	30	60	650000	162@0	CP_QPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	60	650000	81@40	CP_QPSK	17.09	18.91
DC_66A-n78(3700-3800)A	30	60	650000	1@1	CP_QPSK	17.30	19.12
DC_66A-n78(3700-3800)A	30	60	650000	1@160	CP_QPSK	16.95	18.77
DC_66A-n78(3700-3800)A	30	60	650000	162@0	CP_16QAM	17.09	18.91
DC_66A-n78(3700-3800)A	30	60	650000	81@40	CP_16QAM	17.11	18.93
DC_66A-n78(3700-3800)A	30	60	650000	1@1	CP_16QAM	17.34	19.16
DC_66A-n78(3700-3800)A	30	60	650000	1@160	CP_16QAM	17.03	18.85
DC_66A-n78(3700-3800)A	30	60	650000	162@0	CP_64QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	60	650000	81@40	CP_64QAM	17.16	18.98
DC_66A-n78(3700-3800)A	30	60	650000	1@1	CP_64QAM	17.28	19.10
DC_66A-n78(3700-3800)A	30	60	650000	1@160	CP_64QAM	16.88	18.70
DC_66A-n78(3700-3800)A	30	60	650000	162@0	CP_256QAM	14.11	15.93

DC_66A-n78(3700-3800)A	30	60	650000	81@40	CP_256QAM	14.00	15.82
DC_66A-n78(3700-3800)A	30	60	650000	1@1	CP_256QAM	14.17	15.99
DC_66A-n78(3700-3800)A	30	60	650000	1@160	CP_256QAM	13.84	15.66
DC_66A-n78(3700-3800)A	30	60	651332	162@0	DFT_BPSK	16.93	18.75
DC_66A-n78(3700-3800)A	30	60	651332	81@40	DFT_BPSK	17.01	18.83
DC_66A-n78(3700-3800)A	30	60	651332	1@1	DFT_BPSK	17.11	18.93
DC_66A-n78(3700-3800)A	30	60	651332	1@160	DFT_BPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	60	651332	162@0	DFT_QPSK	16.91	18.73
DC_66A-n78(3700-3800)A	30	60	651332	81@40	DFT_QPSK	17.00	18.82
DC_66A-n78(3700-3800)A	30	60	651332	1@1	DFT_QPSK	17.00	18.82
DC_66A-n78(3700-3800)A	30	60	651332	1@160	DFT_QPSK	16.85	18.67
DC_66A-n78(3700-3800)A	30	60	651332	162@0	DFT_16QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	60	651332	81@40	DFT_16QAM	17.01	18.83
DC_66A-n78(3700-3800)A	30	60	651332	1@1	DFT_16QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	60	651332	1@160	DFT_16QAM	16.95	18.77
DC_66A-n78(3700-3800)A	30	60	651332	162@0	DFT_64QAM	16.98	18.80
DC_66A-n78(3700-3800)A	30	60	651332	81@40	DFT_64QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	60	651332	1@1	DFT_64QAM	16.86	18.68
DC_66A-n78(3700-3800)A	30	60	651332	1@160	DFT_64QAM	16.68	18.50
DC_66A-n78(3700-3800)A	30	60	651332	162@0	DFT_256QAM	16.41	18.23
DC_66A-n78(3700-3800)A	30	60	651332	81@40	DFT_256QAM	16.57	18.39
DC_66A-n78(3700-3800)A	30	60	651332	1@1	DFT_256QAM	16.25	18.07

DC_66A-n78(3700-3800)A	30	60	651332	1@160	DFT_256QAM	16.02	17.84
DC_66A-n78(3700-3800)A	30	60	651332	162@0	CP_QPSK	17.05	18.87
DC_66A-n78(3700-3800)A	30	60	651332	81@40	CP_QPSK	17.00	18.82
DC_66A-n78(3700-3800)A	30	60	651332	1@1	CP_QPSK	17.13	18.95
DC_66A-n78(3700-3800)A	30	60	651332	1@160	CP_QPSK	16.94	18.76
DC_66A-n78(3700-3800)A	30	60	651332	162@0	CP_16QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	60	651332	81@40	CP_16QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	60	651332	1@1	CP_16QAM	17.11	18.93
DC_66A-n78(3700-3800)A	30	60	651332	1@160	CP_16QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	60	651332	162@0	CP_64QAM	16.98	18.80
DC_66A-n78(3700-3800)A	30	60	651332	81@40	CP_64QAM	16.97	18.79
DC_66A-n78(3700-3800)A	30	60	651332	1@1	CP_64QAM	16.97	18.79
DC_66A-n78(3700-3800)A	30	60	651332	1@160	CP_64QAM	16.86	18.68
DC_66A-n78(3700-3800)A	30	60	651332	162@0	CP_256QAM	14.21	16.03
DC_66A-n78(3700-3800)A	30	60	651332	81@40	CP_256QAM	14.14	15.96
DC_66A-n78(3700-3800)A	30	60	651332	1@1	CP_256QAM	14.06	15.88
DC_66A-n78(3700-3800)A	30	60	651332	1@160	CP_256QAM	13.86	15.68
DC_66A-n78(3700-3800)A	30	70	649000	180@0	DFT_BPSK	16.57	18.39
DC_66A-n78(3700-3800)A	30	70	649000	90@45	DFT_BPSK	16.71	18.53
DC_66A-n78(3700-3800)A	30	70	649000	1@1	DFT_BPSK	16.66	18.48
DC_66A-n78(3700-3800)A	30	70	649000	1@187	DFT_BPSK	16.48	18.30
DC_66A-n78(3700-3800)A	30	70	649000	180@0	DFT_QPSK	16.63	18.45

DC_66A-n78(3700-3800)A	30	70	649000	90@45	DFT_QPSK	16.64	18.46
DC_66A-n78(3700-3800)A	30	70	649000	1@1	DFT_QPSK	16.72	18.54
DC_66A-n78(3700-3800)A	30	70	649000	1@187	DFT_QPSK	16.48	18.30
DC_66A-n78(3700-3800)A	30	70	649000	180@0	DFT_16QAM	16.57	18.39
DC_66A-n78(3700-3800)A	30	70	649000	90@45	DFT_16QAM	16.60	18.42
DC_66A-n78(3700-3800)A	30	70	649000	1@1	DFT_16QAM	16.71	18.53
DC_66A-n78(3700-3800)A	30	70	649000	1@187	DFT_16QAM	16.67	18.49
DC_66A-n78(3700-3800)A	30	70	649000	180@0	DFT_64QAM	16.64	18.46
DC_66A-n78(3700-3800)A	30	70	649000	90@45	DFT_64QAM	16.53	18.35
DC_66A-n78(3700-3800)A	30	70	649000	1@1	DFT_64QAM	16.39	18.21
DC_66A-n78(3700-3800)A	30	70	649000	1@187	DFT_64QAM	16.38	18.20
DC_66A-n78(3700-3800)A	30	70	649000	180@0	DFT_256QAM	16.16	17.98
DC_66A-n78(3700-3800)A	30	70	649000	90@45	DFT_256QAM	16.18	18.00
DC_66A-n78(3700-3800)A	30	70	649000	1@1	DFT_256QAM	15.97	17.79
DC_66A-n78(3700-3800)A	30	70	649000	1@187	DFT_256QAM	15.60	17.42
DC_66A-n78(3700-3800)A	30	70	649000	189@0	CP_QPSK	16.69	18.51
DC_66A-n78(3700-3800)A	30	70	649000	95@47	CP_QPSK	16.62	18.44
DC_66A-n78(3700-3800)A	30	70	649000	1@1	CP_QPSK	16.63	18.45
DC_66A-n78(3700-3800)A	30	70	649000	1@187	CP_QPSK	16.55	18.37
DC_66A-n78(3700-3800)A	30	70	649000	189@0	CP_16QAM	16.64	18.46
DC_66A-n78(3700-3800)A	30	70	649000	95@47	CP_16QAM	16.60	18.42
DC_66A-n78(3700-3800)A	30	70	649000	1@1	CP_16QAM	16.73	18.55

DC_66A-n78(3700-3800)A	30	70	649000	1@187	CP_16QAM	16.63	18.45
DC_66A-n78(3700-3800)A	30	70	649000	189@0	CP_64QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	70	649000	95@47	CP_64QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	70	649000	1@1	CP_64QAM	16.57	18.39
DC_66A-n78(3700-3800)A	30	70	649000	1@187	CP_64QAM	16.55	18.37
DC_66A-n78(3700-3800)A	30	70	649000	189@0	CP_256QAM	13.83	15.65
DC_66A-n78(3700-3800)A	30	70	649000	95@47	CP_256QAM	14.00	15.82
DC_66A-n78(3700-3800)A	30	70	649000	1@1	CP_256QAM	13.64	15.46
DC_66A-n78(3700-3800)A	30	70	649000	1@187	CP_256QAM	13.56	15.38
DC_66A-n78(3700-3800)A	30	70	650000	180@0	DFT_BPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	70	650000	90@45	DFT_BPSK	16.92	18.74
DC_66A-n78(3700-3800)A	30	70	650000	1@1	DFT_BPSK	17.18	19.00
DC_66A-n78(3700-3800)A	30	70	650000	1@187	DFT_BPSK	16.68	18.50
DC_66A-n78(3700-3800)A	30	70	650000	180@0	DFT_QPSK	17.02	18.84
DC_66A-n78(3700-3800)A	30	70	650000	90@45	DFT_QPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	70	650000	1@1	DFT_QPSK	17.07	18.89
DC_66A-n78(3700-3800)A	30	70	650000	1@187	DFT_QPSK	16.64	18.46
DC_66A-n78(3700-3800)A	30	70	650000	180@0	DFT_16QAM	16.98	18.80
DC_66A-n78(3700-3800)A	30	70	650000	90@45	DFT_16QAM	17.01	18.83
DC_66A-n78(3700-3800)A	30	70	650000	1@1	DFT_16QAM	17.20	19.02
DC_66A-n78(3700-3800)A	30	70	650000	1@187	DFT_16QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	70	650000	180@0	DFT_64QAM	16.91	18.73

DC_66A-n78(3700-3800)A	30	70	650000	90@45	DFT_64QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	70	650000	1@1	DFT_64QAM	16.87	18.69
DC_66A-n78(3700-3800)A	30	70	650000	1@187	DFT_64QAM	16.54	18.36
DC_66A-n78(3700-3800)A	30	70	650000	180@0	DFT_256QAM	16.42	18.24
DC_66A-n78(3700-3800)A	30	70	650000	90@45	DFT_256QAM	16.32	18.14
DC_66A-n78(3700-3800)A	30	70	650000	1@1	DFT_256QAM	16.32	18.14
DC_66A-n78(3700-3800)A	30	70	650000	1@187	DFT_256QAM	15.85	17.67
DC_66A-n78(3700-3800)A	30	70	650000	189@0	CP_QPSK	16.82	18.64
DC_66A-n78(3700-3800)A	30	70	650000	95@47	CP_QPSK	16.91	18.73
DC_66A-n78(3700-3800)A	30	70	650000	1@1	CP_QPSK	17.07	18.89
DC_66A-n78(3700-3800)A	30	70	650000	1@187	CP_QPSK	16.53	18.35
DC_66A-n78(3700-3800)A	30	70	650000	189@0	CP_16QAM	16.91	18.73
DC_66A-n78(3700-3800)A	30	70	650000	95@47	CP_16QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	70	650000	1@1	CP_16QAM	17.19	19.01
DC_66A-n78(3700-3800)A	30	70	650000	1@187	CP_16QAM	16.68	18.50
DC_66A-n78(3700-3800)A	30	70	650000	189@0	CP_64QAM	16.91	18.73
DC_66A-n78(3700-3800)A	30	70	650000	95@47	CP_64QAM	16.86	18.68
DC_66A-n78(3700-3800)A	30	70	650000	1@1	CP_64QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	70	650000	1@187	CP_64QAM	16.62	18.44
DC_66A-n78(3700-3800)A	30	70	650000	189@0	CP_256QAM	14.21	16.03
DC_66A-n78(3700-3800)A	30	70	650000	95@47	CP_256QAM	14.10	15.92
DC_66A-n78(3700-3800)A	30	70	650000	1@1	CP_256QAM	14.00	15.82

DC_66A-n78(3700-3800)A	30	70	650000	1@187	CP_256QAM	13.44	15.26
DC_66A-n78(3700-3800)A	30	70	651000	180@0	DFT_BPSK	16.77	18.59
DC_66A-n78(3700-3800)A	30	70	651000	90@45	DFT_BPSK	16.73	18.55
DC_66A-n78(3700-3800)A	30	70	651000	1@1	DFT_BPSK	16.94	18.76
DC_66A-n78(3700-3800)A	30	70	651000	1@187	DFT_BPSK	16.75	18.57
DC_66A-n78(3700-3800)A	30	70	651000	180@0	DFT_QPSK	16.80	18.62
DC_66A-n78(3700-3800)A	30	70	651000	90@45	DFT_QPSK	16.77	18.59
DC_66A-n78(3700-3800)A	30	70	651000	1@1	DFT_QPSK	16.88	18.70
DC_66A-n78(3700-3800)A	30	70	651000	1@187	DFT_QPSK	16.73	18.55
DC_66A-n78(3700-3800)A	30	70	651000	180@0	DFT_16QAM	16.76	18.58
DC_66A-n78(3700-3800)A	30	70	651000	90@45	DFT_16QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	70	651000	1@1	DFT_16QAM	17.03	18.85
DC_66A-n78(3700-3800)A	30	70	651000	1@187	DFT_16QAM	16.84	18.66
DC_66A-n78(3700-3800)A	30	70	651000	180@0	DFT_64QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	70	651000	90@45	DFT_64QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	70	651000	1@1	DFT_64QAM	16.77	18.59
DC_66A-n78(3700-3800)A	30	70	651000	1@187	DFT_64QAM	16.54	18.36
DC_66A-n78(3700-3800)A	30	70	651000	180@0	DFT_256QAM	16.36	18.18
DC_66A-n78(3700-3800)A	30	70	651000	90@45	DFT_256QAM	16.23	18.05
DC_66A-n78(3700-3800)A	30	70	651000	1@1	DFT_256QAM	16.11	17.93
DC_66A-n78(3700-3800)A	30	70	651000	1@187	DFT_256QAM	16.09	17.91
DC_66A-n78(3700-3800)A	30	70	651000	189@0	CP_QPSK	16.82	18.64

DC_66A-n78(3700-3800)A	30	70	651000	95@47	CP_QPSK	16.73	18.55
DC_66A-n78(3700-3800)A	30	70	651000	1@1	CP_QPSK	16.87	18.69
DC_66A-n78(3700-3800)A	30	70	651000	1@187	CP_QPSK	16.86	18.68
DC_66A-n78(3700-3800)A	30	70	651000	189@0	CP_16QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	70	651000	95@47	CP_16QAM	16.75	18.57
DC_66A-n78(3700-3800)A	30	70	651000	1@1	CP_16QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	70	651000	1@187	CP_16QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	70	651000	189@0	CP_64QAM	16.88	18.70
DC_66A-n78(3700-3800)A	30	70	651000	95@47	CP_64QAM	16.84	18.66
DC_66A-n78(3700-3800)A	30	70	651000	1@1	CP_64QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	70	651000	1@187	CP_64QAM	16.76	18.58
DC_66A-n78(3700-3800)A	30	70	651000	189@0	CP_256QAM	13.95	15.77
DC_66A-n78(3700-3800)A	30	70	651000	95@47	CP_256QAM	13.96	15.78
DC_66A-n78(3700-3800)A	30	70	651000	1@1	CP_256QAM	13.97	15.79
DC_66A-n78(3700-3800)A	30	70	651000	1@187	CP_256QAM	13.76	15.58
DC_66A-n78(3700-3800)A	30	80	649334	216@0	DFT_BPSK	16.79	18.61
DC_66A-n78(3700-3800)A	30	80	649334	108@54	DFT_BPSK	16.73	18.55
DC_66A-n78(3700-3800)A	30	80	649334	1@1	DFT_BPSK	16.64	18.46
DC_66A-n78(3700-3800)A	30	80	649334	1@215	DFT_BPSK	16.67	18.49
DC_66A-n78(3700-3800)A	30	80	649334	216@0	DFT_QPSK	16.71	18.53
DC_66A-n78(3700-3800)A	30	80	649334	108@54	DFT_QPSK	16.80	18.62
DC_66A-n78(3700-3800)A	30	80	649334	1@1	DFT_QPSK	16.73	18.55

DC_66A-n78(3700-3800)A	30	80	649334	1@215	DFT_QPSK	16.64	18.46
DC_66A-n78(3700-3800)A	30	80	649334	216@0	DFT_16QAM	16.75	18.57
DC_66A-n78(3700-3800)A	30	80	649334	108@54	DFT_16QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	80	649334	1@1	DFT_16QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	80	649334	1@215	DFT_16QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	80	649334	216@0	DFT_64QAM	16.85	18.67
DC_66A-n78(3700-3800)A	30	80	649334	108@54	DFT_64QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	80	649334	1@1	DFT_64QAM	16.54	18.36
DC_66A-n78(3700-3800)A	30	80	649334	1@215	DFT_64QAM	16.39	18.21
DC_66A-n78(3700-3800)A	30	80	649334	216@0	DFT_256QAM	16.27	18.09
DC_66A-n78(3700-3800)A	30	80	649334	108@54	DFT_256QAM	16.25	18.07
DC_66A-n78(3700-3800)A	30	80	649334	1@1	DFT_256QAM	16.07	17.89
DC_66A-n78(3700-3800)A	30	80	649334	1@215	DFT_256QAM	15.90	17.72
DC_66A-n78(3700-3800)A	30	80	649334	217@0	CP_QPSK	16.80	18.62
DC_66A-n78(3700-3800)A	30	80	649334	109@54	CP_QPSK	16.84	18.66
DC_66A-n78(3700-3800)A	30	80	649334	1@1	CP_QPSK	16.92	18.74
DC_66A-n78(3700-3800)A	30	80	649334	1@215	CP_QPSK	16.63	18.45
DC_66A-n78(3700-3800)A	30	80	649334	217@0	CP_16QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	80	649334	109@54	CP_16QAM	16.76	18.58
DC_66A-n78(3700-3800)A	30	80	649334	1@1	CP_16QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	80	649334	1@215	CP_16QAM	16.79	18.61
DC_66A-n78(3700-3800)A	30	80	649334	217@0	CP_64QAM	16.80	18.62

DC_66A-n78(3700-3800)A	30	80	649334	109@54	CP_64QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	80	649334	1@1	CP_64QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	80	649334	1@215	CP_64QAM	16.64	18.46
DC_66A-n78(3700-3800)A	30	80	649334	217@0	CP_256QAM	14.05	15.87
DC_66A-n78(3700-3800)A	30	80	649334	109@54	CP_256QAM	14.06	15.88
DC_66A-n78(3700-3800)A	30	80	649334	1@1	CP_256QAM	13.66	15.48
DC_66A-n78(3700-3800)A	30	80	649334	1@215	CP_256QAM	13.64	15.46
DC_66A-n78(3700-3800)A	30	80	650000	216@0	DFT_BPSK	16.96	18.78
DC_66A-n78(3700-3800)A	30	80	650000	108@54	DFT_BPSK	16.92	18.74
DC_66A-n78(3700-3800)A	30	80	650000	1@1	DFT_BPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	80	650000	1@215	DFT_BPSK	16.63	18.45
DC_66A-n78(3700-3800)A	30	80	650000	216@0	DFT_QPSK	16.96	18.78
DC_66A-n78(3700-3800)A	30	80	650000	108@54	DFT_QPSK	16.94	18.76
DC_66A-n78(3700-3800)A	30	80	650000	1@1	DFT_QPSK	16.95	18.77
DC_66A-n78(3700-3800)A	30	80	650000	1@215	DFT_QPSK	16.70	18.52
DC_66A-n78(3700-3800)A	30	80	650000	216@0	DFT_16QAM	16.93	18.75
DC_66A-n78(3700-3800)A	30	80	650000	108@54	DFT_16QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	80	650000	1@1	DFT_16QAM	17.16	18.98
DC_66A-n78(3700-3800)A	30	80	650000	1@215	DFT_16QAM	16.69	18.51
DC_66A-n78(3700-3800)A	30	80	650000	216@0	DFT_64QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	80	650000	108@54	DFT_64QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	80	650000	1@1	DFT_64QAM	16.80	18.62

DC_66A-n78(3700-3800)A	30	80	650000	1@215	DFT_64QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	80	650000	216@0	DFT_256QAM	16.35	18.17
DC_66A-n78(3700-3800)A	30	80	650000	108@54	DFT_256QAM	16.42	18.24
DC_66A-n78(3700-3800)A	30	80	650000	1@1	DFT_256QAM	16.23	18.05
DC_66A-n78(3700-3800)A	30	80	650000	1@215	DFT_256QAM	15.85	17.67
DC_66A-n78(3700-3800)A	30	80	650000	217@0	CP_QPSK	16.91	18.73
DC_66A-n78(3700-3800)A	30	80	650000	109@54	CP_QPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	80	650000	1@1	CP_QPSK	17.01	18.83
DC_66A-n78(3700-3800)A	30	80	650000	1@215	CP_QPSK	16.71	18.53
DC_66A-n78(3700-3800)A	30	80	650000	217@0	CP_16QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	80	650000	109@54	CP_16QAM	16.96	18.78
DC_66A-n78(3700-3800)A	30	80	650000	1@1	CP_16QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	80	650000	1@215	CP_16QAM	16.64	18.46
DC_66A-n78(3700-3800)A	30	80	650000	217@0	CP_64QAM	16.87	18.69
DC_66A-n78(3700-3800)A	30	80	650000	109@54	CP_64QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	80	650000	1@1	CP_64QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	80	650000	1@215	CP_64QAM	16.64	18.46
DC_66A-n78(3700-3800)A	30	80	650000	217@0	CP_256QAM	14.18	16.00
DC_66A-n78(3700-3800)A	30	80	650000	109@54	CP_256QAM	14.13	15.95
DC_66A-n78(3700-3800)A	30	80	650000	1@1	CP_256QAM	14.01	15.83
DC_66A-n78(3700-3800)A	30	80	650000	1@215	CP_256QAM	13.64	15.46
DC_66A-n78(3700-3800)A	30	80	650666	216@0	DFT_BPSK	16.88	18.70

DC_66A-n78(3700-3800)A	30	80	650666	108@54	DFT_BPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	80	650666	1@1	DFT_BPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	80	650666	1@215	DFT_BPSK	16.78	18.60
DC_66A-n78(3700-3800)A	30	80	650666	216@0	DFT_QPSK	16.92	18.74
DC_66A-n78(3700-3800)A	30	80	650666	108@54	DFT_QPSK	16.86	18.68
DC_66A-n78(3700-3800)A	30	80	650666	1@1	DFT_QPSK	17.14	18.96
DC_66A-n78(3700-3800)A	30	80	650666	1@215	DFT_QPSK	16.72	18.54
DC_66A-n78(3700-3800)A	30	80	650666	216@0	DFT_16QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	80	650666	108@54	DFT_16QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	80	650666	1@1	DFT_16QAM	17.27	19.09
DC_66A-n78(3700-3800)A	30	80	650666	1@215	DFT_16QAM	16.95	18.77
DC_66A-n78(3700-3800)A	30	80	650666	216@0	DFT_64QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	80	650666	108@54	DFT_64QAM	16.96	18.78
DC_66A-n78(3700-3800)A	30	80	650666	1@1	DFT_64QAM	16.96	18.78
DC_66A-n78(3700-3800)A	30	80	650666	1@215	DFT_64QAM	16.66	18.48
DC_66A-n78(3700-3800)A	30	80	650666	216@0	DFT_256QAM	16.28	18.10
DC_66A-n78(3700-3800)A	30	80	650666	108@54	DFT_256QAM	16.41	18.23
DC_66A-n78(3700-3800)A	30	80	650666	1@1	DFT_256QAM	16.44	18.26
DC_66A-n78(3700-3800)A	30	80	650666	1@215	DFT_256QAM	15.87	17.69
DC_66A-n78(3700-3800)A	30	80	650666	217@0	CP_QPSK	16.96	18.78
DC_66A-n78(3700-3800)A	30	80	650666	109@54	CP_QPSK	16.92	18.74
DC_66A-n78(3700-3800)A	30	80	650666	1@1	CP_QPSK	17.21	19.03

DC_66A-n78(3700-3800)A	30	80	650666	1@215	CP_QPSK	16.80	18.62
DC_66A-n78(3700-3800)A	30	80	650666	217@0	CP_16QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	80	650666	109@54	CP_16QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	80	650666	1@1	CP_16QAM	17.21	19.03
DC_66A-n78(3700-3800)A	30	80	650666	1@215	CP_16QAM	16.79	18.61
DC_66A-n78(3700-3800)A	30	80	650666	217@0	CP_64QAM	16.79	18.61
DC_66A-n78(3700-3800)A	30	80	650666	109@54	CP_64QAM	16.69	18.51
DC_66A-n78(3700-3800)A	30	80	650666	1@1	CP_64QAM	17.14	18.96
DC_66A-n78(3700-3800)A	30	80	650666	1@215	CP_64QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	80	650666	217@0	CP_256QAM	14.05	15.87
DC_66A-n78(3700-3800)A	30	80	650666	109@54	CP_256QAM	14.06	15.88
DC_66A-n78(3700-3800)A	30	80	650666	1@1	CP_256QAM	14.14	15.96
DC_66A-n78(3700-3800)A	30	80	650666	1@215	CP_256QAM	13.77	15.59
DC_66A-n78(3700-3800)A	30	90	649668	240@0	DFT_BPSK	16.87	18.69
DC_66A-n78(3700-3800)A	30	90	649668	120@60	DFT_BPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	90	649668	1@1	DFT_BPSK	16.72	18.54
DC_66A-n78(3700-3800)A	30	90	649668	1@243	DFT_BPSK	16.72	18.54
DC_66A-n78(3700-3800)A	30	90	649668	240@0	DFT_QPSK	16.87	18.69
DC_66A-n78(3700-3800)A	30	90	649668	120@60	DFT_QPSK	16.84	18.66
DC_66A-n78(3700-3800)A	30	90	649668	1@1	DFT_QPSK	16.68	18.50
DC_66A-n78(3700-3800)A	30	90	649668	1@243	DFT_QPSK	16.77	18.59
DC_66A-n78(3700-3800)A	30	90	649668	240@0	DFT_16QAM	16.97	18.79

DC_66A-n78(3700-3800)A	30	90	649668	120@60	DFT_16QAM	16.87	18.69
DC_66A-n78(3700-3800)A	30	90	649668	1@1	DFT_16QAM	16.78	18.60
DC_66A-n78(3700-3800)A	30	90	649668	1@243	DFT_16QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	90	649668	240@0	DFT_64QAM	16.95	18.77
DC_66A-n78(3700-3800)A	30	90	649668	120@60	DFT_64QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	90	649668	1@1	DFT_64QAM	16.69	18.51
DC_66A-n78(3700-3800)A	30	90	649668	1@243	DFT_64QAM	16.76	18.58
DC_66A-n78(3700-3800)A	30	90	649668	240@0	DFT_256QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	90	649668	120@60	DFT_256QAM	16.37	18.19
DC_66A-n78(3700-3800)A	30	90	649668	1@1	DFT_256QAM	16.05	17.87
DC_66A-n78(3700-3800)A	30	90	649668	1@243	DFT_256QAM	16.07	17.89
DC_66A-n78(3700-3800)A	30	90	649668	245@0	CP_QPSK	16.86	18.68
DC_66A-n78(3700-3800)A	30	90	649668	123@61	CP_QPSK	16.77	18.59
DC_66A-n78(3700-3800)A	30	90	649668	1@1	CP_QPSK	16.86	18.68
DC_66A-n78(3700-3800)A	30	90	649668	1@243	CP_QPSK	16.95	18.77
DC_66A-n78(3700-3800)A	30	90	649668	245@0	CP_16QAM	16.88	18.70
DC_66A-n78(3700-3800)A	30	90	649668	123@61	CP_16QAM	16.85	18.67
DC_66A-n78(3700-3800)A	30	90	649668	1@1	CP_16QAM	16.73	18.55
DC_66A-n78(3700-3800)A	30	90	649668	1@243	CP_16QAM	17.01	18.83
DC_66A-n78(3700-3800)A	30	90	649668	245@0	CP_64QAM	16.93	18.75
DC_66A-n78(3700-3800)A	30	90	649668	123@61	CP_64QAM	16.84	18.66
DC_66A-n78(3700-3800)A	30	90	649668	1@1	CP_64QAM	16.79	18.61

DC_66A-n78(3700-3800)A	30	90	649668	1@243	CP_64QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	90	649668	245@0	CP_256QAM	14.13	15.95
DC_66A-n78(3700-3800)A	30	90	649668	123@61	CP_256QAM	14.04	15.86
DC_66A-n78(3700-3800)A	30	90	649668	1@1	CP_256QAM	13.77	15.59
DC_66A-n78(3700-3800)A	30	90	649668	1@243	CP_256QAM	13.72	15.54
DC_66A-n78(3700-3800)A	30	90	650000	240@0	DFT_BPSK	17.07	18.89
DC_66A-n78(3700-3800)A	30	90	650000	120@60	DFT_BPSK	16.97	18.79
DC_66A-n78(3700-3800)A	30	90	650000	1@1	DFT_BPSK	16.94	18.76
DC_66A-n78(3700-3800)A	30	90	650000	1@243	DFT_BPSK	16.73	18.55
DC_66A-n78(3700-3800)A	30	90	650000	240@0	DFT_QPSK	16.86	18.68
DC_66A-n78(3700-3800)A	30	90	650000	120@60	DFT_QPSK	16.97	18.79
DC_66A-n78(3700-3800)A	30	90	650000	1@1	DFT_QPSK	16.79	18.61
DC_66A-n78(3700-3800)A	30	90	650000	1@243	DFT_QPSK	16.76	18.58
DC_66A-n78(3700-3800)A	30	90	650000	240@0	DFT_16QAM	16.97	18.79
DC_66A-n78(3700-3800)A	30	90	650000	120@60	DFT_16QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	90	650000	1@1	DFT_16QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	90	650000	1@243	DFT_16QAM	16.71	18.53
DC_66A-n78(3700-3800)A	30	90	650000	240@0	DFT_64QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	90	650000	120@60	DFT_64QAM	16.94	18.76
DC_66A-n78(3700-3800)A	30	90	650000	1@1	DFT_64QAM	16.63	18.45
DC_66A-n78(3700-3800)A	30	90	650000	1@243	DFT_64QAM	16.61	18.43
DC_66A-n78(3700-3800)A	30	90	650000	240@0	DFT_256QAM	16.43	18.25

DC_66A-n78(3700-3800)A	30	90	650000	120@60	DFT_256QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	90	650000	1@1	DFT_256QAM	15.95	17.77
DC_66A-n78(3700-3800)A	30	90	650000	1@243	DFT_256QAM	15.99	17.81
DC_66A-n78(3700-3800)A	30	90	650000	245@0	CP_QPSK	16.93	18.75
DC_66A-n78(3700-3800)A	30	90	650000	123@61	CP_QPSK	16.95	18.77
DC_66A-n78(3700-3800)A	30	90	650000	1@1	CP_QPSK	17.09	18.91
DC_66A-n78(3700-3800)A	30	90	650000	1@243	CP_QPSK	16.80	18.62
DC_66A-n78(3700-3800)A	30	90	650000	245@0	CP_16QAM	16.96	18.78
DC_66A-n78(3700-3800)A	30	90	650000	123@61	CP_16QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	90	650000	1@1	CP_16QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	90	650000	1@243	CP_16QAM	16.86	18.68
DC_66A-n78(3700-3800)A	30	90	650000	245@0	CP_64QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	90	650000	123@61	CP_64QAM	17.00	18.82
DC_66A-n78(3700-3800)A	30	90	650000	1@1	CP_64QAM	17.11	18.93
DC_66A-n78(3700-3800)A	30	90	650000	1@243	CP_64QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	90	650000	245@0	CP_256QAM	14.10	15.92
DC_66A-n78(3700-3800)A	30	90	650000	123@61	CP_256QAM	14.03	15.85
DC_66A-n78(3700-3800)A	30	90	650000	1@1	CP_256QAM	13.98	15.80
DC_66A-n78(3700-3800)A	30	90	650000	1@243	CP_256QAM	13.70	15.52
DC_66A-n78(3700-3800)A	30	90	650332	240@0	DFT_BPSK	16.96	18.78
DC_66A-n78(3700-3800)A	30	90	650332	120@60	DFT_BPSK	16.96	18.78
DC_66A-n78(3700-3800)A	30	90	650332	1@1	DFT_BPSK	17.19	19.01

DC_66A-n78(3700-3800)A	30	90	650332	1@243	DFT_BPSK	16.60	18.42
DC_66A-n78(3700-3800)A	30	90	650332	240@0	DFT_QPSK	17.05	18.87
DC_66A-n78(3700-3800)A	30	90	650332	120@60	DFT_QPSK	16.98	18.80
DC_66A-n78(3700-3800)A	30	90	650332	1@1	DFT_QPSK	17.21	19.03
DC_66A-n78(3700-3800)A	30	90	650332	1@243	DFT_QPSK	16.70	18.52
DC_66A-n78(3700-3800)A	30	90	650332	240@0	DFT_16QAM	17.13	18.95
DC_66A-n78(3700-3800)A	30	90	650332	120@60	DFT_16QAM	17.13	18.95
DC_66A-n78(3700-3800)A	30	90	650332	1@1	DFT_16QAM	17.38	19.20
DC_66A-n78(3700-3800)A	30	90	650332	1@243	DFT_16QAM	16.80	18.62
DC_66A-n78(3700-3800)A	30	90	650332	240@0	DFT_64QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	90	650332	120@60	DFT_64QAM	17.10	18.92
DC_66A-n78(3700-3800)A	30	90	650332	1@1	DFT_64QAM	17.09	18.91
DC_66A-n78(3700-3800)A	30	90	650332	1@243	DFT_64QAM	16.57	18.39
DC_66A-n78(3700-3800)A	30	90	650332	240@0	DFT_256QAM	16.46	18.28
DC_66A-n78(3700-3800)A	30	90	650332	120@60	DFT_256QAM	16.55	18.37
DC_66A-n78(3700-3800)A	30	90	650332	1@1	DFT_256QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	90	650332	1@243	DFT_256QAM	15.94	17.76
DC_66A-n78(3700-3800)A	30	90	650332	245@0	CP_QPSK	16.92	18.74
DC_66A-n78(3700-3800)A	30	90	650332	123@61	CP_QPSK	17.07	18.89
DC_66A-n78(3700-3800)A	30	90	650332	1@1	CP_QPSK	17.29	19.11
DC_66A-n78(3700-3800)A	30	90	650332	1@243	CP_QPSK	16.86	18.68
DC_66A-n78(3700-3800)A	30	90	650332	245@0	CP_16QAM	16.98	18.80

DC_66A-n78(3700-3800)A	30	90	650332	123@61	CP_16QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	90	650332	1@1	CP_16QAM	17.27	19.09
DC_66A-n78(3700-3800)A	30	90	650332	1@243	CP_16QAM	16.75	18.57
DC_66A-n78(3700-3800)A	30	90	650332	245@0	CP_64QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	90	650332	123@61	CP_64QAM	17.07	18.89
DC_66A-n78(3700-3800)A	30	90	650332	1@1	CP_64QAM	17.22	19.04
DC_66A-n78(3700-3800)A	30	90	650332	1@243	CP_64QAM	16.82	18.64
DC_66A-n78(3700-3800)A	30	90	650332	245@0	CP_256QAM	14.10	15.92
DC_66A-n78(3700-3800)A	30	90	650332	123@61	CP_256QAM	14.16	15.98
DC_66A-n78(3700-3800)A	30	90	650332	1@1	CP_256QAM	14.17	15.99
DC_66A-n78(3700-3800)A	30	90	650332	1@243	CP_256QAM	13.82	15.64
DC_66A-n78(3700-3800)A	30	100	650000	270@0	DFT_BPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	100	650000	135@67	DFT_BPSK	16.95	18.77
DC_66A-n78(3700-3800)A	30	100	650000	1@1	DFT_BPSK	16.85	18.67
DC_66A-n78(3700-3800)A	30	100	650000	1@271	DFT_BPSK	16.73	18.55
DC_66A-n78(3700-3800)A	30	100	650000	270@0	DFT_QPSK	16.93	18.75
DC_66A-n78(3700-3800)A	30	100	650000	135@67	DFT_QPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	100	650000	1@1	DFT_QPSK	16.85	18.67
DC_66A-n78(3700-3800)A	30	100	650000	1@271	DFT_QPSK	16.69	18.51
DC_66A-n78(3700-3800)A	30	100	650000	270@0	DFT_16QAM	16.89	18.71
DC_66A-n78(3700-3800)A	30	100	650000	135@67	DFT_16QAM	16.97	18.79
DC_66A-n78(3700-3800)A	30	100	650000	1@1	DFT_16QAM	16.87	18.69

DC_66A-n78(3700-3800)A	30	100	650000	1@271	DFT_16QAM	16.84	18.66
DC_66A-n78(3700-3800)A	30	100	650000	270@0	DFT_64QAM	16.87	18.69
DC_66A-n78(3700-3800)A	30	100	650000	135@67	DFT_64QAM	16.92	18.74
DC_66A-n78(3700-3800)A	30	100	650000	1@1	DFT_64QAM	16.55	18.37
DC_66A-n78(3700-3800)A	30	100	650000	1@271	DFT_64QAM	16.43	18.25
DC_66A-n78(3700-3800)A	30	100	650000	270@0	DFT_256QAM	16.34	18.16
DC_66A-n78(3700-3800)A	30	100	650000	135@67	DFT_256QAM	16.50	18.32
DC_66A-n78(3700-3800)A	30	100	650000	1@1	DFT_256QAM	16.07	17.89
DC_66A-n78(3700-3800)A	30	100	650000	1@271	DFT_256QAM	15.97	17.79
DC_66A-n78(3700-3800)A	30	100	650000	273@0	CP_QPSK	16.80	18.62
DC_66A-n78(3700-3800)A	30	100	650000	137@68	CP_QPSK	16.89	18.71
DC_66A-n78(3700-3800)A	30	100	650000	1@1	CP_QPSK	16.84	18.66
DC_66A-n78(3700-3800)A	30	100	650000	1@271	CP_QPSK	16.78	18.60
DC_66A-n78(3700-3800)A	30	100	650000	273@0	CP_16QAM	16.84	18.66
DC_66A-n78(3700-3800)A	30	100	650000	137@68	CP_16QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	100	650000	1@1	CP_16QAM	17.02	18.84
DC_66A-n78(3700-3800)A	30	100	650000	1@271	CP_16QAM	16.72	18.54
DC_66A-n78(3700-3800)A	30	100	650000	273@0	CP_64QAM	17.04	18.86
DC_66A-n78(3700-3800)A	30	100	650000	137@68	CP_64QAM	17.05	18.87
DC_66A-n78(3700-3800)A	30	100	650000	1@1	CP_64QAM	16.77	18.59
DC_66A-n78(3700-3800)A	30	100	650000	1@271	CP_64QAM	16.86	18.68
DC_66A-n78(3700-3800)A	30	100	650000	273@0	CP_256QAM	14.21	16.03

DC_66A-n78(3700-3800)A	30	100	650000	137@68	CP_256QAM	14.17	15.99
DC_66A-n78(3700-3800)A	30	100	650000	1@1	CP_256QAM	13.93	15.75
DC_66A-n78(3700-3800)A	30	100	650000	1@271	CP_256QAM	13.67	15.49