



n41	30	60	531996	162@0	DFT_BPSK	22.8	PASS
n41	30	60	531996	81@40	DFT_BPSK	23.38	PASS
n41	30	60	531996	1@1	DFT_BPSK	22.82	PASS
n41	30	60	531996	1@160	DFT_BPSK	23.1	PASS
n41	30	60	531996	162@0	DFT_QPSK	22.29	PASS
n41	30	60	531996	81@40	DFT_QPSK	23.31	PASS
n41	30	60	531996	1@1	DFT_QPSK	22.85	PASS
n41	30	60	531996	1@160	DFT_QPSK	23.11	PASS
n41	30	60	531996	162@0	DFT_16QAM	21.3	PASS
n41	30	60	531996	81@40	DFT_16QAM	22.36	PASS
n41	30	60	531996	1@1	DFT_16QAM	21.78	PASS
n41	30	60	531996	1@160	DFT_16QAM	22.02	PASS
n41	30	60	531996	162@0	DFT_64QAM	20.83	PASS
n41	30	60	531996	81@40	DFT_64QAM	20.87	PASS
n41	30	60	531996	1@1	DFT_64QAM	20.29	PASS
n41	30	60	531996	1@160	DFT_64QAM	20.56	PASS
n41	30	60	531996	162@0	DFT_256QAM	18.14	PASS
n41	30	60	531996	81@40	DFT_256QAM	18.83	PASS
n41	30	60	531996	1@1	DFT_256QAM	18.4	PASS
n41	30	60	531996	1@160	DFT_256QAM	18.85	PASS
n41	30	60	531996	162@0	CP_QPSK	20.28	PASS
n41	30	60	531996	81@40	CP_QPSK	21.84	PASS
n41	30	60	531996	1@1	CP_QPSK	21.38	PASS
n41	30	60	531996	1@160	CP_QPSK	21.6	PASS
n41	30	60	531996	162@0	CP_16QAM	20.3	PASS
n41	30	60	531996	81@40	CP_16QAM	21.37	PASS
n41	30	60	531996	1@1	CP_16QAM	20.74	PASS
n41	30	60	531996	1@160	CP_16QAM	20.98	PASS
n41	30	60	531996	162@0	CP_64QAM	19.77	PASS
n41	30	60	531996	81@40	CP_64QAM	19.86	PASS
n41	30	60	531996	1@1	CP_64QAM	19.55	PASS
n41	30	60	531996	1@160	CP_64QAM	19.76	PASS
n41	30	60	531996	162@0	CP_256QAM	16.48	PASS
n41	30	60	531996	81@40	CP_256QAM	16.81	PASS
n41	30	60	531996	1@1	CP_256QAM	16.7	PASS
n41	30	60	531996	1@160	CP_256QAM	16.59	PASS



n41	30	80	507204	216@0	DFT_BPSK	22.68	PASS
n41	30	80	507204	108@54	DFT_BPSK	23.23	PASS
n41	30	80	507204	1@1	DFT_BPSK	22.74	PASS
n41	30	80	507204	1@215	DFT_BPSK	22.66	PASS
n41	30	80	507204	216@0	DFT_QPSK	22.19	PASS
n41	30	80	507204	108@54	DFT_QPSK	23.26	PASS
n41	30	80	507204	1@1	DFT_QPSK	22.75	PASS
n41	30	80	507204	1@215	DFT_QPSK	22.71	PASS
n41	30	80	507204	216@0	DFT_16QAM	21.18	PASS
n41	30	80	507204	108@54	DFT_16QAM	22.26	PASS
n41	30	80	507204	1@1	DFT_16QAM	21.65	PASS
n41	30	80	507204	1@215	DFT_16QAM	21.63	PASS
n41	30	80	507204	216@0	DFT_64QAM	20.68	PASS
n41	30	80	507204	108@54	DFT_64QAM	20.75	PASS
n41	30	80	507204	1@1	DFT_64QAM	20.18	PASS
n41	30	80	507204	1@215	DFT_64QAM	20.11	PASS
n41	30	80	507204	216@0	DFT_256QAM	18.66	PASS
n41	30	80	507204	108@54	DFT_256QAM	18.73	PASS
n41	30	80	507204	1@1	DFT_256QAM	18.47	PASS
n41	30	80	507204	1@215	DFT_256QAM	18.43	PASS
n41	30	80	507204	217@0	CP_QPSK	20.15	PASS
n41	30	80	507204	109@54	CP_QPSK	21.73	PASS
n41	30	80	507204	1@1	CP_QPSK	21.33	PASS
n41	30	80	507204	1@215	CP_QPSK	21.29	PASS
n41	30	80	507204	217@0	CP_16QAM	20.15	PASS
n41	30	80	507204	109@54	CP_16QAM	21.23	PASS
n41	30	80	507204	1@1	CP_16QAM	20.56	PASS
n41	30	80	507204	1@215	CP_16QAM	20.54	PASS
n41	30	80	507204	217@0	CP_64QAM	19.65	PASS
n41	30	80	507204	109@54	CP_64QAM	19.76	PASS
n41	30	80	507204	1@1	CP_64QAM	19.38	PASS
n41	30	80	507204	1@215	CP_64QAM	19.34	PASS
n41	30	80	507204	217@0	CP_256QAM	16.55	PASS
n41	30	80	507204	109@54	CP_256QAM	16.81	PASS
n41	30	80	507204	1@1	CP_256QAM	16.5	PASS
n41	30	80	507204	1@215	CP_256QAM	16.43	PASS



n41	30	80	518598	216@0	DFT_BPSK	22.69	PASS
n41	30	80	518598	108@54	DFT_BPSK	23.33	PASS
n41	30	80	518598	1@1	DFT_BPSK	22.57	PASS
n41	30	80	518598	1@215	DFT_BPSK	22.72	PASS
n41	30	80	518598	216@0	DFT_QPSK	22.21	PASS
n41	30	80	518598	108@54	DFT_QPSK	23.34	PASS
n41	30	80	518598	1@1	DFT_QPSK	22.6	PASS
n41	30	80	518598	1@215	DFT_QPSK	22.75	PASS
n41	30	80	518598	216@0	DFT_16QAM	21.23	PASS
n41	30	80	518598	108@54	DFT_16QAM	22.34	PASS
n41	30	80	518598	1@1	DFT_16QAM	21.53	PASS
n41	30	80	518598	1@215	DFT_16QAM	21.67	PASS
n41	30	80	518598	216@0	DFT_64QAM	20.7	PASS
n41	30	80	518598	108@54	DFT_64QAM	20.83	PASS
n41	30	80	518598	1@1	DFT_64QAM	20	PASS
n41	30	80	518598	1@215	DFT_64QAM	20.2	PASS
n41	30	80	518598	216@0	DFT_256QAM	18.72	PASS
n41	30	80	518598	108@54	DFT_256QAM	18.32	PASS
n41	30	80	518598	1@1	DFT_256QAM	18.33	PASS
n41	30	80	518598	1@215	DFT_256QAM	18.15	PASS
n41	30	80	518598	217@0	CP_QPSK	20.16	PASS
n41	30	80	518598	109@54	CP_QPSK	21.82	PASS
n41	30	80	518598	1@1	CP_QPSK	21.18	PASS
n41	30	80	518598	1@215	CP_QPSK	21.31	PASS
n41	30	80	518598	217@0	CP_16QAM	20.2	PASS
n41	30	80	518598	109@54	CP_16QAM	21.33	PASS
n41	30	80	518598	1@1	CP_16QAM	20.45	PASS
n41	30	80	518598	1@215	CP_16QAM	20.59	PASS
n41	30	80	518598	217@0	CP_64QAM	19.7	PASS
n41	30	80	518598	109@54	CP_64QAM	19.81	PASS
n41	30	80	518598	1@1	CP_64QAM	19.22	PASS
n41	30	80	518598	1@215	CP_64QAM	19.42	PASS
n41	30	80	518598	217@0	CP_256QAM	16.36	PASS
n41	30	80	518598	109@54	CP_256QAM	16.86	PASS
n41	30	80	518598	1@1	CP_256QAM	16.44	PASS
n41	30	80	518598	1@215	CP_256QAM	16.53	PASS



n41	30	80	529998	216@0	DFT_BPSK	22.82	PASS
n41	30	80	529998	108@54	DFT_BPSK	23.4	PASS
n41	30	80	529998	1@1	DFT_BPSK	22.72	PASS
n41	30	80	529998	1@215	DFT_BPSK	22.97	PASS
n41	30	80	529998	216@0	DFT_QPSK	22.33	PASS
n41	30	80	529998	108@54	DFT_QPSK	23.43	PASS
n41	30	80	529998	1@1	DFT_QPSK	22.73	PASS
n41	30	80	529998	1@215	DFT_QPSK	22.99	PASS
n41	30	80	529998	216@0	DFT_16QAM	21.36	PASS
n41	30	80	529998	108@54	DFT_16QAM	22.45	PASS
n41	30	80	529998	1@1	DFT_16QAM	21.64	PASS
n41	30	80	529998	1@215	DFT_16QAM	21.9	PASS
n41	30	80	529998	216@0	DFT_64QAM	20.84	PASS
n41	30	80	529998	108@54	DFT_64QAM	20.93	PASS
n41	30	80	529998	1@1	DFT_64QAM	20.17	PASS
n41	30	80	529998	1@215	DFT_64QAM	20.45	PASS
n41	30	80	529998	216@0	DFT_256QAM	18.72	PASS
n41	30	80	529998	108@54	DFT_256QAM	18.92	PASS
n41	30	80	529998	1@1	DFT_256QAM	18.48	PASS
n41	30	80	529998	1@215	DFT_256QAM	18.56	PASS
n41	30	80	529998	217@0	CP_QPSK	16.78	PASS
n41	30	80	529998	109@54	CP_QPSK	21.94	PASS
n41	30	80	529998	1@1	CP_QPSK	21.26	PASS
n41	30	80	529998	1@215	CP_QPSK	21.56	PASS
n41	30	80	529998	217@0	CP_16QAM	20.33	PASS
n41	30	80	529998	109@54	CP_16QAM	21.43	PASS
n41	30	80	529998	1@1	CP_16QAM	20.62	PASS
n41	30	80	529998	1@215	CP_16QAM	20.92	PASS
n41	30	80	529998	217@0	CP_64QAM	19.82	PASS
n41	30	80	529998	109@54	CP_64QAM	19.91	PASS
n41	30	80	529998	1@1	CP_64QAM	19.48	PASS
n41	30	80	529998	1@215	CP_64QAM	19.73	PASS
n41	30	80	529998	217@0	CP_256QAM	16.7	PASS
n41	30	80	529998	109@54	CP_256QAM	16.96	PASS
n41	30	80	529998	1@1	CP_256QAM	16.22	PASS
n41	30	80	529998	1@215	CP_256QAM	16.77	PASS



n41	30	90	508200	243@0	DFT_BPSK	22.63	PASS
n41	30	90	508200	120@60	DFT_BPSK	23.27	PASS
n41	30	90	508200	1@1	DFT_BPSK	22.6	PASS
n41	30	90	508200	1@243	DFT_BPSK	22.53	PASS
n41	30	90	508200	243@0	DFT_QPSK	22.13	PASS
n41	30	90	508200	120@60	DFT_QPSK	23.25	PASS
n41	30	90	508200	1@1	DFT_QPSK	22.63	PASS
n41	30	90	508200	1@243	DFT_QPSK	22.56	PASS
n41	30	90	508200	243@0	DFT_16QAM	21.14	PASS
n41	30	90	508200	120@60	DFT_16QAM	22.26	PASS
n41	30	90	508200	1@1	DFT_16QAM	21.53	PASS
n41	30	90	508200	1@243	DFT_16QAM	21.48	PASS
n41	30	90	508200	243@0	DFT_64QAM	20.63	PASS
n41	30	90	508200	120@60	DFT_64QAM	20.76	PASS
n41	30	90	508200	1@1	DFT_64QAM	20.03	PASS
n41	30	90	508200	1@243	DFT_64QAM	19.97	PASS
n41	30	90	508200	243@0	DFT_256QAM	18.51	PASS
n41	30	90	508200	120@60	DFT_256QAM	18.77	PASS
n41	30	90	508200	1@1	DFT_256QAM	18.3	PASS
n41	30	90	508200	1@243	DFT_256QAM	18.56	PASS
n41	30	90	508200	245@0	CP_QPSK	20.1	PASS
n41	30	90	508200	123@61	CP_QPSK	21.73	PASS
n41	30	90	508200	1@1	CP_QPSK	21.13	PASS
n41	30	90	508200	1@243	CP_QPSK	21.09	PASS
n41	30	90	508200	245@0	CP_16QAM	20.1	PASS
n41	30	90	508200	123@61	CP_16QAM	21.22	PASS
n41	30	90	508200	1@1	CP_16QAM	20.43	PASS
n41	30	90	508200	1@243	CP_16QAM	20.38	PASS
n41	30	90	508200	245@0	CP_64QAM	19.58	PASS
n41	30	90	508200	123@61	CP_64QAM	19.75	PASS
n41	30	90	508200	1@1	CP_64QAM	19.23	PASS
n41	30	90	508200	1@243	CP_64QAM	19.18	PASS
n41	30	90	508200	245@0	CP_256QAM	16.45	PASS
n41	30	90	508200	123@61	CP_256QAM	16.72	PASS
n41	30	90	508200	1@1	CP_256QAM	16.44	PASS
n41	30	90	508200	1@243	CP_256QAM	16.25	PASS



n41	30	90	518598	243@0	DFT_BPSK	22.65	PASS
n41	30	90	518598	120@60	DFT_BPSK	23.31	PASS
n41	30	90	518598	1@1	DFT_BPSK	22.47	PASS
n41	30	90	518598	1@243	DFT_BPSK	22.66	PASS
n41	30	90	518598	243@0	DFT_QPSK	22.15	PASS
n41	30	90	518598	120@60	DFT_QPSK	23.32	PASS
n41	30	90	518598	1@1	DFT_QPSK	22.49	PASS
n41	30	90	518598	1@243	DFT_QPSK	22.67	PASS
n41	30	90	518598	243@0	DFT_16QAM	21.17	PASS
n41	30	90	518598	120@60	DFT_16QAM	22.33	PASS
n41	30	90	518598	1@1	DFT_16QAM	21.4	PASS
n41	30	90	518598	1@243	DFT_16QAM	21.59	PASS
n41	30	90	518598	243@0	DFT_64QAM	20.65	PASS
n41	30	90	518598	120@60	DFT_64QAM	20.83	PASS
n41	30	90	518598	1@1	DFT_64QAM	19.91	PASS
n41	30	90	518598	1@243	DFT_64QAM	20.1	PASS
n41	30	90	518598	243@0	DFT_256QAM	18.67	PASS
n41	30	90	518598	120@60	DFT_256QAM	18.7	PASS
n41	30	90	518598	1@1	DFT_256QAM	18.18	PASS
n41	30	90	518598	1@243	DFT_256QAM	18.26	PASS
n41	30	90	518598	245@0	CP_QPSK	20.61	PASS
n41	30	90	518598	123@61	CP_QPSK	21.81	PASS
n41	30	90	518598	1@1	CP_QPSK	21.02	PASS
n41	30	90	518598	1@243	CP_QPSK	21.22	PASS
n41	30	90	518598	245@0	CP_16QAM	20.13	PASS
n41	30	90	518598	123@61	CP_16QAM	21.29	PASS
n41	30	90	518598	1@1	CP_16QAM	20.33	PASS
n41	30	90	518598	1@243	CP_16QAM	20.49	PASS
n41	30	90	518598	245@0	CP_64QAM	19.62	PASS
n41	30	90	518598	123@61	CP_64QAM	19.82	PASS
n41	30	90	518598	1@1	CP_64QAM	19.11	PASS
n41	30	90	518598	1@243	CP_64QAM	19.27	PASS
n41	30	90	518598	245@0	CP_256QAM	16.59	PASS
n41	30	90	518598	123@61	CP_256QAM	16.77	PASS
n41	30	90	518598	1@1	CP_256QAM	16.73	PASS
n41	30	90	518598	1@243	CP_256QAM	16.36	PASS



n41	30	90	528996	243@0	DFT_BPSK	22.76	PASS
n41	30	90	528996	120@60	DFT_BPSK	23.36	PASS
n41	30	90	528996	1@1	DFT_BPSK	22.53	PASS
n41	30	90	528996	1@243	DFT_BPSK	22.8	PASS
n41	30	90	528996	243@0	DFT_QPSK	22.29	PASS
n41	30	90	528996	120@60	DFT_QPSK	23.4	PASS
n41	30	90	528996	1@1	DFT_QPSK	22.56	PASS
n41	30	90	528996	1@243	DFT_QPSK	22.86	PASS
n41	30	90	528996	243@0	DFT_16QAM	21.28	PASS
n41	30	90	528996	120@60	DFT_16QAM	22.42	PASS
n41	30	90	528996	1@1	DFT_16QAM	21.51	PASS
n41	30	90	528996	1@243	DFT_16QAM	21.8	PASS
n41	30	90	528996	243@0	DFT_64QAM	20.79	PASS
n41	30	90	528996	120@60	DFT_64QAM	20.9	PASS
n41	30	90	528996	1@1	DFT_64QAM	20.04	PASS
n41	30	90	528996	1@243	DFT_64QAM	20.35	PASS
n41	30	90	528996	243@0	DFT_256QAM	18.79	PASS
n41	30	90	528996	120@60	DFT_256QAM	17.26	PASS
n41	30	90	528996	1@1	DFT_256QAM	17.88	PASS
n41	30	90	528996	1@243	DFT_256QAM	18.15	PASS
n41	30	90	528996	245@0	CP_QPSK	20.25	PASS
n41	30	90	528996	123@61	CP_QPSK	21.86	PASS
n41	30	90	528996	1@1	CP_QPSK	21.07	PASS
n41	30	90	528996	1@243	CP_QPSK	21.39	PASS
n41	30	90	528996	245@0	CP_16QAM	20.26	PASS
n41	30	90	528996	123@61	CP_16QAM	21.33	PASS
n41	30	90	528996	1@1	CP_16QAM	20.38	PASS
n41	30	90	528996	1@243	CP_16QAM	20.69	PASS
n41	30	90	528996	245@0	CP_64QAM	19.73	PASS
n41	30	90	528996	123@61	CP_64QAM	19.86	PASS
n41	30	90	528996	1@1	CP_64QAM	19.21	PASS
n41	30	90	528996	1@243	CP_64QAM	19.53	PASS
n41	30	90	528996	245@0	CP_256QAM	16.4	PASS
n41	30	90	528996	123@61	CP_256QAM	16.84	PASS
n41	30	90	528996	1@1	CP_256QAM	16.88	PASS
n41	30	90	528996	1@243	CP_256QAM	16.61	PASS



n41	30	100	509202	270@0	DFT_BPSK	22.57	PASS
n41	30	100	509202	135@67	DFT_BPSK	23.21	PASS
n41	30	100	509202	1@1	DFT_BPSK	22.42	PASS
n41	30	100	509202	1@271	DFT_BPSK	22.41	PASS
n41	30	100	509202	270@0	DFT_QPSK	22.07	PASS
n41	30	100	509202	135@67	DFT_QPSK	23.23	PASS
n41	30	100	509202	1@1	DFT_QPSK	22.45	PASS
n41	30	100	509202	1@271	DFT_QPSK	22.44	PASS
n41	30	100	509202	270@0	DFT_16QAM	21.09	PASS
n41	30	100	509202	135@67	DFT_16QAM	22.24	PASS
n41	30	100	509202	1@1	DFT_16QAM	21.37	PASS
n41	30	100	509202	1@271	DFT_16QAM	21.35	PASS
n41	30	100	509202	270@0	DFT_64QAM	20.6	PASS
n41	30	100	509202	135@67	DFT_64QAM	20.76	PASS
n41	30	100	509202	1@1	DFT_64QAM	19.86	PASS
n41	30	100	509202	1@271	DFT_64QAM	19.84	PASS
n41	30	100	509202	270@0	DFT_256QAM	18.14	PASS
n41	30	100	509202	135@67	DFT_256QAM	18.71	PASS
n41	30	100	509202	1@1	DFT_256QAM	18.15	PASS
n41	30	100	509202	1@271	DFT_256QAM	18.25	PASS
n41	30	100	509202	273@0	CP_QPSK	20.04	PASS
n41	30	100	509202	137@68	CP_QPSK	21.69	PASS
n41	30	100	509202	1@1	CP_QPSK	20.99	PASS
n41	30	100	509202	1@271	CP_QPSK	20.99	PASS
n41	30	100	509202	273@0	CP_16QAM	20.06	PASS
n41	30	100	509202	137@68	CP_16QAM	21.17	PASS
n41	30	100	509202	1@1	CP_16QAM	20.32	PASS
n41	30	100	509202	1@271	CP_16QAM	20.3	PASS
n41	30	100	509202	273@0	CP_64QAM	19.54	PASS
n41	30	100	509202	137@68	CP_64QAM	19.71	PASS
n41	30	100	509202	1@1	CP_64QAM	19.08	PASS
n41	30	100	509202	1@271	CP_64QAM	19.08	PASS
n41	30	100	509202	273@0	CP_256QAM	16.53	PASS
n41	30	100	509202	137@68	CP_256QAM	16.65	PASS
n41	30	100	509202	1@1	CP_256QAM	16.12	PASS
n41	30	100	509202	1@271	CP_256QAM	16.5	PASS



n41	30	100	518598	270@0	DFT_BPSK	22.6	PASS
n41	30	100	518598	135@67	DFT_BPSK	23.31	PASS
n41	30	100	518598	1@1	DFT_BPSK	22.33	PASS
n41	30	100	518598	1@271	DFT_BPSK	22.53	PASS
n41	30	100	518598	270@0	DFT_QPSK	22.1	PASS
n41	30	100	518598	135@67	DFT_QPSK	23.28	PASS
n41	30	100	518598	1@1	DFT_QPSK	22.31	PASS
n41	30	100	518598	1@271	DFT_QPSK	22.53	PASS
n41	30	100	518598	270@0	DFT_16QAM	21.12	PASS
n41	30	100	518598	135@67	DFT_16QAM	22.33	PASS
n41	30	100	518598	1@1	DFT_16QAM	21.24	PASS
n41	30	100	518598	1@271	DFT_16QAM	21.47	PASS
n41	30	100	518598	270@0	DFT_64QAM	20.6	PASS
n41	30	100	518598	135@67	DFT_64QAM	20.83	PASS
n41	30	100	518598	1@1	DFT_64QAM	19.73	PASS
n41	30	100	518598	1@271	DFT_64QAM	19.94	PASS
n41	30	100	518598	270@0	DFT_256QAM	18.26	PASS
n41	30	100	518598	135@67	DFT_256QAM	18.79	PASS
n41	30	100	518598	1@1	DFT_256QAM	18.44	PASS
n41	30	100	518598	1@271	DFT_256QAM	18.23	PASS
n41	30	100	518598	273@0	CP_QPSK	20.05	PASS
n41	30	100	518598	137@68	CP_QPSK	21.78	PASS
n41	30	100	518598	1@1	CP_QPSK	20.88	PASS
n41	30	100	518598	1@271	CP_QPSK	21.1	PASS
n41	30	100	518598	273@0	CP_16QAM	20.05	PASS
n41	30	100	518598	137@68	CP_16QAM	21.25	PASS
n41	30	100	518598	1@1	CP_16QAM	20.18	PASS
n41	30	100	518598	1@271	CP_16QAM	20.42	PASS
n41	30	100	518598	273@0	CP_64QAM	19.54	PASS
n41	30	100	518598	137@68	CP_64QAM	19.79	PASS
n41	30	100	518598	1@1	CP_64QAM	19.6	PASS
n41	30	100	518598	1@271	CP_64QAM	19.2	PASS
n41	30	100	518598	273@0	CP_256QAM	16.54	PASS
n41	30	100	518598	137@68	CP_256QAM	16.45	PASS
n41	30	100	518598	1@1	CP_256QAM	16.52	PASS
n41	30	100	518598	1@271	CP_256QAM	16.25	PASS



n41	30	100	528000	270@0	DFT_BPSK	22.73	PASS
n41	30	100	528000	135@67	DFT_BPSK	23.34	PASS
n41	30	100	528000	1@1	DFT_BPSK	22.4	PASS
n41	30	100	528000	1@271	DFT_BPSK	22.7	PASS
n41	30	100	528000	270@0	DFT_QPSK	22.22	PASS
n41	30	100	528000	135@67	DFT_QPSK	23.36	PASS
n41	30	100	528000	1@1	DFT_QPSK	22.42	PASS
n41	30	100	528000	1@271	DFT_QPSK	22.71	PASS
n41	30	100	528000	270@0	DFT_16QAM	21.24	PASS
n41	30	100	528000	135@67	DFT_16QAM	22.37	PASS
n41	30	100	528000	1@1	DFT_16QAM	21.37	PASS
n41	30	100	528000	1@271	DFT_16QAM	21.65	PASS
n41	30	100	528000	270@0	DFT_64QAM	20.72	PASS
n41	30	100	528000	135@67	DFT_64QAM	20.86	PASS
n41	30	100	528000	1@1	DFT_64QAM	19.93	PASS
n41	30	100	528000	1@271	DFT_64QAM	20.23	PASS
n41	30	100	528000	270@0	DFT_256QAM	18.7	PASS
n41	30	100	528000	135@67	DFT_256QAM	18.86	PASS
n41	30	100	528000	1@1	DFT_256QAM	17.77	PASS
n41	30	100	528000	1@271	DFT_256QAM	18.1	PASS
n41	30	100	528000	273@0	CP_QPSK	20.18	PASS
n41	30	100	528000	137@68	CP_QPSK	21.83	PASS
n41	30	100	528000	1@1	CP_QPSK	20.9	PASS
n41	30	100	528000	1@271	CP_QPSK	21.21	PASS
n41	30	100	528000	273@0	CP_16QAM	20.2	PASS
n41	30	100	528000	137@68	CP_16QAM	21.3	PASS
n41	30	100	528000	1@1	CP_16QAM	20.24	PASS
n41	30	100	528000	1@271	CP_16QAM	20.52	PASS
n41	30	100	528000	273@0	CP_64QAM	19.66	PASS
n41	30	100	528000	137@68	CP_64QAM	19.82	PASS
n41	30	100	528000	1@1	CP_64QAM	19.04	PASS
n41	30	100	528000	1@271	CP_64QAM	19.33	PASS
n41	30	100	528000	273@0	CP_256QAM	16.8	PASS
n41	30	100	528000	137@68	CP_256QAM	16.83	PASS
n41	30	100	528000	1@1	CP_256QAM	16.6	PASS
n41	30	100	528000	1@271	CP_256QAM	16.42	PASS



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	22.49	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	23.06	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	22.95	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	22.99	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	22.05	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	23.08	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	22.97	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	23	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	21.01	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	22.06	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	21.86	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	21.89	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.5	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	20.5	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.31	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	20.33	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	18.67	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	18.71	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	18.72	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	18.79	PASS



n77(3450-3550)	30	10	630334	24@0	CP_QPSK	20.08	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	21.52	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	21.38	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	21.46	PASS
n77(3450-3550)	30	10	630334	24@0	CP_16QAM	20.12	PASS
n77(3450-3550)	30	10	630334	12@6	CP_16QAM	21.04	PASS
n77(3450-3550)	30	10	630334	1@1	CP_16QAM	20.69	PASS
n77(3450-3550)	30	10	630334	1@22	CP_16QAM	20.73	PASS
n77(3450-3550)	30	10	630334	24@0	CP_64QAM	19.61	PASS
n77(3450-3550)	30	10	630334	12@6	CP_64QAM	19.64	PASS
n77(3450-3550)	30	10	630334	1@1	CP_64QAM	19.67	PASS
n77(3450-3550)	30	10	630334	1@22	CP_64QAM	19.68	PASS
n77(3450-3550)	30	10	630334	24@0	CP_256QAM	16.63	PASS
n77(3450-3550)	30	10	630334	12@6	CP_256QAM	16.7	PASS
n77(3450-3550)	30	10	630334	1@1	CP_256QAM	16.41	PASS
n77(3450-3550)	30	10	630334	1@22	CP_256QAM	16.45	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	22.47	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	22.99	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	22.86	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	22.94	PASS



n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	21.99	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	23.01	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	22.8	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	22.92	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	20.94	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	21.95	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	21.69	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	21.83	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	20.48	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	20.41	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.36	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	20.45	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	18.65	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	18.65	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	18.67	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	18.76	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	20.09	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	21.47	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	21.4	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	21.48	PASS
n77(3450-3550)	30	10	633334	24@0	CP_16QAM	20.13	PASS
n77(3450-3550)	30	10	633334	12@6	CP_16QAM	21.01	PASS
n77(3450-3550)	30	10	633334	1@1	CP_16QAM	20.58	PASS
n77(3450-3550)	30	10	633334	1@22	CP_16QAM	20.68	PASS



n77(3450-3550)	30	10	633334	24@0	CP_64QAM	19.59	PASS
n77(3450-3550)	30	10	633334	12@6	CP_64QAM	19.59	PASS
n77(3450-3550)	30	10	633334	1@1	CP_64QAM	19.62	PASS
n77(3450-3550)	30	10	633334	1@22	CP_64QAM	19.74	PASS
n77(3450-3550)	30	10	633334	24@0	CP_256QAM	16.62	PASS
n77(3450-3550)	30	10	633334	12@6	CP_256QAM	16.6	PASS
n77(3450-3550)	30	10	633334	1@1	CP_256QAM	16.65	PASS
n77(3450-3550)	30	10	633334	1@22	CP_256QAM	16.72	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	22.94	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	23.43	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	23.41	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	23.34	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	22.42	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	23.45	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	23.36	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	23.28	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	21.43	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	22.47	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	22.33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	22.3	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	20.95	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	20.89	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	20.84	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	20.79	PASS



n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	19.06	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	19.07	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	19.17	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	19.11	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	20.41	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	21.87	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	21.85	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	21.77	PASS
n77(3450-3550)	30	10	636332	24@0	CP_16QAM	20.4	PASS
n77(3450-3550)	30	10	636332	12@6	CP_16QAM	21.45	PASS
n77(3450-3550)	30	10	636332	1@1	CP_16QAM	21.11	PASS
n77(3450-3550)	30	10	636332	1@22	CP_16QAM	21	PASS
n77(3450-3550)	30	10	636332	24@0	CP_64QAM	20.04	PASS
n77(3450-3550)	30	10	636332	12@6	CP_64QAM	20	PASS
n77(3450-3550)	30	10	636332	1@1	CP_64QAM	20.07	PASS
n77(3450-3550)	30	10	636332	1@22	CP_64QAM	20.02	PASS
n77(3450-3550)	30	10	636332	24@0	CP_256QAM	17.06	PASS
n77(3450-3550)	30	10	636332	12@6	CP_256QAM	17.07	PASS
n77(3450-3550)	30	10	636332	1@1	CP_256QAM	17.15	PASS
n77(3450-3550)	30	10	636332	1@22	CP_256QAM	17.06	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	22.52	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	23.08	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	22.95	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	23.01	PASS



n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	22	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	23.08	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	22.89	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	22.95	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	21.02	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	22.09	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	21.83	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	21.93	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	20.52	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	20.57	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	20.4	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	18.66	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	18.69	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	18.36	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	18.39	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	20.15	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	21.53	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	21.34	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	21.4	PASS
n77(3450-3550)	30	15	630500	38@0	CP_16QAM	20.17	PASS
n77(3450-3550)	30	15	630500	19@9	CP_16QAM	21.05	PASS
n77(3450-3550)	30	15	630500	1@1	CP_16QAM	20.83	PASS
n77(3450-3550)	30	15	630500	1@36	CP_16QAM	20.97	PASS



n77(3450-3550)	30	15	630500	38@0	CP_64QAM	19.64	PASS
n77(3450-3550)	30	15	630500	19@9	CP_64QAM	19.69	PASS
n77(3450-3550)	30	15	630500	1@1	CP_64QAM	19.74	PASS
n77(3450-3550)	30	15	630500	1@36	CP_64QAM	19.81	PASS
n77(3450-3550)	30	15	630500	38@0	CP_256QAM	16.56	PASS
n77(3450-3550)	30	15	630500	19@9	CP_256QAM	16.65	PASS
n77(3450-3550)	30	15	630500	1@1	CP_256QAM	16.66	PASS
n77(3450-3550)	30	15	630500	1@36	CP_256QAM	16.75	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	22.47	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	23.01	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	22.84	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	22.97	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	21.99	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	22.99	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	22.81	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	22.91	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	21	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	22.03	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	21.79	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	21.88	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	20.46	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	20.51	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	20.29	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	20.41	PASS



n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	18.59	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	18.62	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	18.63	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	18.7	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	20.11	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	21.47	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	21.34	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	21.47	PASS
n77(3450-3550)	30	15	633334	38@0	CP_16QAM	20.11	PASS
n77(3450-3550)	30	15	633334	19@9	CP_16QAM	21	PASS
n77(3450-3550)	30	15	633334	1@1	CP_16QAM	20.58	PASS
n77(3450-3550)	30	15	633334	1@36	CP_16QAM	20.74	PASS
n77(3450-3550)	30	15	633334	38@0	CP_64QAM	19.61	PASS
n77(3450-3550)	30	15	633334	19@9	CP_64QAM	19.61	PASS
n77(3450-3550)	30	15	633334	1@1	CP_64QAM	19.57	PASS
n77(3450-3550)	30	15	633334	1@36	CP_64QAM	19.68	PASS
n77(3450-3550)	30	15	633334	38@0	CP_256QAM	16.55	PASS
n77(3450-3550)	30	15	633334	19@9	CP_256QAM	16.58	PASS
n77(3450-3550)	30	15	633334	1@1	CP_256QAM	16.62	PASS
n77(3450-3550)	30	15	633334	1@36	CP_256QAM	16.72	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	22.88	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	23.45	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	23.29	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	23.28	PASS



n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	22.37	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	23.42	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	23.25	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	23.21	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	21.39	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	22.45	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	22.27	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	22.18	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	20.85	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	20.9	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	20.75	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	20.71	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	18.99	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	19.02	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	19.03	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	19.01	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	20.47	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	21.84	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	21.76	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	21.71	PASS
n77(3450-3550)	30	15	636166	38@0	CP_16QAM	20.49	PASS
n77(3450-3550)	30	15	636166	19@9	CP_16QAM	21.39	PASS
n77(3450-3550)	30	15	636166	1@1	CP_16QAM	21.01	PASS
n77(3450-3550)	30	15	636166	1@36	CP_16QAM	20.9	PASS



n77(3450-3550)	30	15	636166	38@0	CP_64QAM	19.98	PASS
n77(3450-3550)	30	15	636166	19@9	CP_64QAM	20.01	PASS
n77(3450-3550)	30	15	636166	1@1	CP_64QAM	20.01	PASS
n77(3450-3550)	30	15	636166	1@36	CP_64QAM	19.94	PASS
n77(3450-3550)	30	15	636166	38@0	CP_256QAM	16.93	PASS
n77(3450-3550)	30	15	636166	19@9	CP_256QAM	16.99	PASS
n77(3450-3550)	30	15	636166	1@1	CP_256QAM	16.8	PASS
n77(3450-3550)	30	15	636166	1@36	CP_256QAM	16.73	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	22.53	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	23.07	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	22.87	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	22.96	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	22.06	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	23.05	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	22.78	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	22.86	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	21.01	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	22	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	21.8	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	21.87	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	20.54	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	20.52	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	20.32	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	20.41	PASS



n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	18.66	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	18.65	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	18.61	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	18.7	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	20.16	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	21.52	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	21.36	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	21.4	PASS
n77(3450-3550)	30	20	630668	51@0	CP_16QAM	20.13	PASS
n77(3450-3550)	30	20	630668	25@12	CP_16QAM	21.07	PASS
n77(3450-3550)	30	20	630668	1@1	CP_16QAM	20.61	PASS
n77(3450-3550)	30	20	630668	1@49	CP_16QAM	20.68	PASS
n77(3450-3550)	30	20	630668	51@0	CP_64QAM	19.69	PASS
n77(3450-3550)	30	20	630668	25@12	CP_64QAM	19.71	PASS
n77(3450-3550)	30	20	630668	1@1	CP_64QAM	19.54	PASS
n77(3450-3550)	30	20	630668	1@49	CP_64QAM	19.61	PASS
n77(3450-3550)	30	20	630668	51@0	CP_256QAM	16.64	PASS
n77(3450-3550)	30	20	630668	25@12	CP_256QAM	16.66	PASS
n77(3450-3550)	30	20	630668	1@1	CP_256QAM	16.65	PASS
n77(3450-3550)	30	20	630668	1@49	CP_256QAM	16.67	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	22.49	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	22.99	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	22.8	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	22.86	PASS



n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	21.99	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	23.02	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	22.78	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	22.91	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	20.96	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	21.93	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	21.7	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	21.84	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	20.46	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	20.44	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	20.17	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	20.27	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	18.59	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	18.34	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	18.52	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	18.3	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	20.07	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	21.43	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	21.3	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	21.4	PASS
n77(3450-3550)	30	20	633334	51@0	CP_16QAM	20.05	PASS
n77(3450-3550)	30	20	633334	25@12	CP_16QAM	21	PASS
n77(3450-3550)	30	20	633334	1@1	CP_16QAM	20.67	PASS
n77(3450-3550)	30	20	633334	1@49	CP_16QAM	20.74	PASS



n77(3450-3550)	30	20	633334	51@0	CP_64QAM	19.61	PASS
n77(3450-3550)	30	20	633334	25@12	CP_64QAM	19.63	PASS
n77(3450-3550)	30	20	633334	1@1	CP_64QAM	19.56	PASS
n77(3450-3550)	30	20	633334	1@49	CP_64QAM	19.63	PASS
n77(3450-3550)	30	20	633334	51@0	CP_256QAM	16.53	PASS
n77(3450-3550)	30	20	633334	25@12	CP_256QAM	16.43	PASS
n77(3450-3550)	30	20	633334	1@1	CP_256QAM	16.28	PASS
n77(3450-3550)	30	20	633334	1@49	CP_256QAM	16.3	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	22.88	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	23.43	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	23.26	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	23.21	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	22.37	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	23.4	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	23.23	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	23.18	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	21.36	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	22.35	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	22.19	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	22.14	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	20.89	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	20.86	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	20.64	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	20.58	PASS



n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	18.92	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	19	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	19.01	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	19.56	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	20.49	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	21.87	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	21.77	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	21.7	PASS
n77(3450-3550)	30	20	636000	51@0	CP_16QAM	20.46	PASS
n77(3450-3550)	30	20	636000	25@12	CP_16QAM	21.44	PASS
n77(3450-3550)	30	20	636000	1@1	CP_16QAM	21.11	PASS
n77(3450-3550)	30	20	636000	1@49	CP_16QAM	21.04	PASS
n77(3450-3550)	30	20	636000	51@0	CP_64QAM	20	PASS
n77(3450-3550)	30	20	636000	25@12	CP_64QAM	20.05	PASS
n77(3450-3550)	30	20	636000	1@1	CP_64QAM	19.98	PASS
n77(3450-3550)	30	20	636000	1@49	CP_64QAM	19.94	PASS
n77(3450-3550)	30	20	636000	51@0	CP_256QAM	16.32	PASS
n77(3450-3550)	30	20	636000	25@12	CP_256QAM	17.01	PASS
n77(3450-3550)	30	20	636000	1@1	CP_256QAM	16.55	PASS
n77(3450-3550)	30	20	636000	1@49	CP_256QAM	16.96	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.46	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	23.14	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.61	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	22.5	PASS



n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	21.98	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	23.12	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.58	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	22.5	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	20.97	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	22.1	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.56	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.5	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.47	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	20.62	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	19.98	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	19.91	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	18.97	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	18.72	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.26	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.25	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	20.01	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	21.52	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	21.08	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	21.02	PASS
n77(3450-3550)	30	40	631334	106@0	CP_16QAM	20.06	PASS
n77(3450-3550)	30	40	631334	53@26	CP_16QAM	21.08	PASS
n77(3450-3550)	30	40	631334	1@1	CP_16QAM	20.43	PASS
n77(3450-3550)	30	40	631334	1@104	CP_16QAM	20.34	PASS



n77(3450-3550)	30	40	631334	106@0	CP_64QAM	19.53	PASS
n77(3450-3550)	30	40	631334	53@26	CP_64QAM	19.66	PASS
n77(3450-3550)	30	40	631334	1@1	CP_64QAM	19.39	PASS
n77(3450-3550)	30	40	631334	1@104	CP_64QAM	19.25	PASS
n77(3450-3550)	30	40	631334	106@0	CP_256QAM	16.88	PASS
n77(3450-3550)	30	40	631334	53@26	CP_256QAM	16.68	PASS
n77(3450-3550)	30	40	631334	1@1	CP_256QAM	16.56	PASS
n77(3450-3550)	30	40	631334	1@104	CP_256QAM	15.98	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.38	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	23.03	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	22.51	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	22.57	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	21.88	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	23	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	22.53	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	22.55	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	20.86	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	22.01	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.5	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.51	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.38	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	20.5	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	19.93	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.96	PASS



n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	18.46	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	18.59	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.27	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	18.36	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	19.91	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	21.37	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	21.01	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	21.05	PASS
n77(3450-3550)	30	40	633334	106@0	CP_16QAM	19.94	PASS
n77(3450-3550)	30	40	633334	53@26	CP_16QAM	20.91	PASS
n77(3450-3550)	30	40	633334	1@1	CP_16QAM	20.34	PASS
n77(3450-3550)	30	40	633334	1@104	CP_16QAM	20.38	PASS
n77(3450-3550)	30	40	633334	106@0	CP_64QAM	19.4	PASS
n77(3450-3550)	30	40	633334	53@26	CP_64QAM	19.56	PASS
n77(3450-3550)	30	40	633334	1@1	CP_64QAM	19.23	PASS
n77(3450-3550)	30	40	633334	1@104	CP_64QAM	19.26	PASS
n77(3450-3550)	30	40	633334	106@0	CP_256QAM	16.66	PASS
n77(3450-3550)	30	40	633334	53@26	CP_256QAM	16.53	PASS
n77(3450-3550)	30	40	633334	1@1	CP_256QAM	16.72	PASS
n77(3450-3550)	30	40	633334	1@104	CP_256QAM	16.34	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	22.53	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	23.16	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	22.73	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	22.57	PASS



n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	22.02	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	23.18	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	22.73	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	22.57	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	21	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	22.16	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.72	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	21.56	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	20.49	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	20.67	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.14	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	20	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	18.56	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	18.72	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.49	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	18.49	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	20.08	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	21.58	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	21.23	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	21.11	PASS
n77(3450-3550)	30	40	635332	106@0	CP_16QAM	20.1	PASS
n77(3450-3550)	30	40	635332	53@26	CP_16QAM	21.06	PASS
n77(3450-3550)	30	40	635332	1@1	CP_16QAM	20.55	PASS
n77(3450-3550)	30	40	635332	1@104	CP_16QAM	20.44	PASS



n77(3450-3550)	30	40	635332	106@0	CP_64QAM	19.58	PASS
n77(3450-3550)	30	40	635332	53@26	CP_64QAM	19.69	PASS
n77(3450-3550)	30	40	635332	1@1	CP_64QAM	19.45	PASS
n77(3450-3550)	30	40	635332	1@104	CP_64QAM	19.31	PASS
n77(3450-3550)	30	40	635332	106@0	CP_256QAM	16.73	PASS
n77(3450-3550)	30	40	635332	53@26	CP_256QAM	16.67	PASS
n77(3450-3550)	30	40	635332	1@1	CP_256QAM	16.26	PASS
n77(3450-3550)	30	40	635332	1@104	CP_256QAM	16.21	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.47	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	22.99	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	22.82	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	22.76	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	21.94	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	23.03	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	22.8	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	22.74	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	20.91	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	22.02	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	21.72	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	21.71	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	20.45	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	20.54	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	20.18	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	20.16	PASS



n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	18.57	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	18.26	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	18.64	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	18.23	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	20.5	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	21.53	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	21.28	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	21.26	PASS
n77(3450-3550)	30	50	631668	133@0	CP_16QAM	20.02	PASS
n77(3450-3550)	30	50	631668	67@33	CP_16QAM	20.99	PASS
n77(3450-3550)	30	50	631668	1@1	CP_16QAM	20.64	PASS
n77(3450-3550)	30	50	631668	1@131	CP_16QAM	20.59	PASS
n77(3450-3550)	30	50	631668	133@0	CP_64QAM	19.55	PASS
n77(3450-3550)	30	50	631668	67@33	CP_64QAM	19.64	PASS
n77(3450-3550)	30	50	631668	1@1	CP_64QAM	19.6	PASS
n77(3450-3550)	30	50	631668	1@131	CP_64QAM	19.5	PASS
n77(3450-3550)	30	50	631668	133@0	CP_256QAM	16.36	PASS
n77(3450-3550)	30	50	631668	67@33	CP_256QAM	16.63	PASS
n77(3450-3550)	30	50	631668	1@1	CP_256QAM	16.45	PASS
n77(3450-3550)	30	50	631668	1@131	CP_256QAM	16.52	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	22.39	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	22.96	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	22.84	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	22.78	PASS



n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	21.91	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	22.99	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	22.81	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	22.8	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	20.92	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	21.95	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	21.83	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	21.78	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	20.4	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	20.48	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	20.19	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	20.14	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	18.52	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	18.77	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	18.64	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	18.45	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	16.48	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	21.45	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	21.33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	21.23	PASS
n77(3450-3550)	30	50	633334	133@0	CP_16QAM	20.03	PASS
n77(3450-3550)	30	50	633334	67@33	CP_16QAM	20.92	PASS
n77(3450-3550)	30	50	633334	1@1	CP_16QAM	20.76	PASS
n77(3450-3550)	30	50	633334	1@131	CP_16QAM	20.71	PASS



n77(3450-3550)	30	50	633334	133@0	CP_64QAM	19.48	PASS
n77(3450-3550)	30	50	633334	67@33	CP_64QAM	19.6	PASS
n77(3450-3550)	30	50	633334	1@1	CP_64QAM	19.68	PASS
n77(3450-3550)	30	50	633334	1@131	CP_64QAM	19.6	PASS
n77(3450-3550)	30	50	633334	133@0	CP_256QAM	16.5	PASS
n77(3450-3550)	30	50	633334	67@33	CP_256QAM	16.51	PASS
n77(3450-3550)	30	50	633334	1@1	CP_256QAM	16.35	PASS
n77(3450-3550)	30	50	633334	1@131	CP_256QAM	16.26	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	22.55	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	23.13	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	22.95	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	22.83	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	22.04	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	23.13	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	22.9	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	22.81	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	21.02	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	22.11	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	21.95	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	21.81	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	20.56	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	20.6	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	20.28	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	20.16	PASS



n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	18.36	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	18.72	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	18.63	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	18.66	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	20.18	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	21.59	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	21.44	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	21.36	PASS
n77(3450-3550)	30	50	635000	133@0	CP_16QAM	20.16	PASS
n77(3450-3550)	30	50	635000	67@33	CP_16QAM	21.04	PASS
n77(3450-3550)	30	50	635000	1@1	CP_16QAM	20.79	PASS
n77(3450-3550)	30	50	635000	1@131	CP_16QAM	20.67	PASS
n77(3450-3550)	30	50	635000	133@0	CP_64QAM	19.7	PASS
n77(3450-3550)	30	50	635000	67@33	CP_64QAM	19.7	PASS
n77(3450-3550)	30	50	635000	1@1	CP_64QAM	19.71	PASS
n77(3450-3550)	30	50	635000	1@131	CP_64QAM	19.6	PASS
n77(3450-3550)	30	50	635000	133@0	CP_256QAM	16.33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_256QAM	16.63	PASS
n77(3450-3550)	30	50	635000	1@1	CP_256QAM	16.7	PASS
n77(3450-3550)	30	50	635000	1@131	CP_256QAM	16.61	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	22.43	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	23.02	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	22.67	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	22.67	PASS



n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	21.92	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	23.01	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	22.66	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	22.68	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	20.94	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	21.95	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	21.62	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	21.66	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	20.4	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	20.47	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	20.15	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	20.17	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	18.36	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	18.59	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	18.73	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	18.53	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	20	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	21.47	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	21.14	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	21.14	PASS
n77(3450-3550)	30	60	632000	162@0	CP_16QAM	20.05	PASS
n77(3450-3550)	30	60	632000	81@40	CP_16QAM	20.98	PASS
n77(3450-3550)	30	60	632000	1@1	CP_16QAM	20.51	PASS
n77(3450-3550)	30	60	632000	1@160	CP_16QAM	20.48	PASS
n77(3450-3550)	30	60	632000	162@0	CP_64QAM	19.49	PASS
n77(3450-3550)	30	60	632000	81@40	CP_64QAM	19.63	PASS
n77(3450-3550)	30	60	632000	1@1	CP_64QAM	19.46	PASS
n77(3450-3550)	30	60	632000	1@160	CP_64QAM	19.45	PASS
n77(3450-3550)	30	60	632000	162@0	CP_256QAM	16.56	PASS



n77(3450-3550)	30	60	632000	81@40	CP_256QAM	16.54	PASS
n77(3450-3550)	30	60	632000	1@1	CP_256QAM	16.24	PASS
n77(3450-3550)	30	60	632000	1@160	CP_256QAM	16.48	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	22.34	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	22.95	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	22.66	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	22.56	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	21.82	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	22.96	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	22.69	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	22.57	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	20.83	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	21.95	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	21.69	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	21.56	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	20.32	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	20.41	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	20.01	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	19.93	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	18.45	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	18.36	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	18.52	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	18.44	PASS



n77(3450-3550)	30	60	633334	162@0	CP_QPSK	19.95	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	21.37	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	21.22	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	21.12	PASS
n77(3450-3550)	30	60	633334	162@0	CP_16QAM	19.98	PASS
n77(3450-3550)	30	60	633334	81@40	CP_16QAM	20.88	PASS
n77(3450-3550)	30	60	633334	1@1	CP_16QAM	20.56	PASS
n77(3450-3550)	30	60	633334	1@160	CP_16QAM	20.46	PASS
n77(3450-3550)	30	60	633334	162@0	CP_64QAM	19.41	PASS
n77(3450-3550)	30	60	633334	81@40	CP_64QAM	19.56	PASS
n77(3450-3550)	30	60	633334	1@1	CP_64QAM	19.49	PASS
n77(3450-3550)	30	60	633334	1@160	CP_64QAM	19.39	PASS
n77(3450-3550)	30	60	633334	162@0	CP_256QAM	16.36	PASS
n77(3450-3550)	30	60	633334	81@40	CP_256QAM	16.48	PASS
n77(3450-3550)	30	60	633334	1@1	CP_256QAM	16.51	PASS
n77(3450-3550)	30	60	633334	1@160	CP_256QAM	16.41	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	22.5	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	23.12	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	22.72	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	22.65	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	21.98	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	23.09	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	22.71	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	22.67	PASS



n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	20.96	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	22.12	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	21.78	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	21.71	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	20.46	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	20.59	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	20.23	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	20.11	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	18.26	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	18.71	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	18.36	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	18.42	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	20.1	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	21.61	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	21.25	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	21.19	PASS
n77(3450-3550)	30	60	634666	162@0	CP_16QAM	20.14	PASS
n77(3450-3550)	30	60	634666	81@40	CP_16QAM	21.11	PASS
n77(3450-3550)	30	60	634666	1@1	CP_16QAM	20.59	PASS
n77(3450-3550)	30	60	634666	1@160	CP_16QAM	20.54	PASS
n77(3450-3550)	30	60	634666	162@0	CP_64QAM	19.59	PASS
n77(3450-3550)	30	60	634666	81@40	CP_64QAM	19.74	PASS
n77(3450-3550)	30	60	634666	1@1	CP_64QAM	19.54	PASS
n77(3450-3550)	30	60	634666	1@160	CP_64QAM	19.47	PASS



n77(3450-3550)	30	60	634666	162@0	CP_256QAM	16.36	PASS
n77(3450-3550)	30	60	634666	81@40	CP_256QAM	16.69	PASS
n77(3450-3550)	30	60	634666	1@1	CP_256QAM	16.54	PASS
n77(3450-3550)	30	60	634666	1@160	CP_256QAM	16.44	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	22.31	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	22.88	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	22.37	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	22.4	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	21.81	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	22.91	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	22.37	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	22.4	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	20.79	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	21.85	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	21.29	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	21.31	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	20.27	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	20.33	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	19.78	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	19.79	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	18.46	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	18.45	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	18.24	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	18.25	PASS



n77(3450-3550)	30	70	632334	189@0	CP_QPSK	19.92	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	21.32	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	20.96	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	20.95	PASS
n77(3450-3550)	30	70	632334	189@0	CP_16QAM	19.96	PASS
n77(3450-3550)	30	70	632334	95@47	CP_16QAM	20.84	PASS
n77(3450-3550)	30	70	632334	1@1	CP_16QAM	20.16	PASS
n77(3450-3550)	30	70	632334	1@187	CP_16QAM	20.21	PASS
n77(3450-3550)	30	70	632334	189@0	CP_64QAM	19.38	PASS
n77(3450-3550)	30	70	632334	95@47	CP_64QAM	19.49	PASS
n77(3450-3550)	30	70	632334	1@1	CP_64QAM	19.26	PASS
n77(3450-3550)	30	70	632334	1@187	CP_64QAM	19.28	PASS
n77(3450-3550)	30	70	632334	189@0	CP_256QAM	16.68	PASS
n77(3450-3550)	30	70	632334	95@47	CP_256QAM	16.44	PASS
n77(3450-3550)	30	70	632334	1@1	CP_256QAM	16.24	PASS
n77(3450-3550)	30	70	632334	1@187	CP_256QAM	16.81	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	22.35	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	22.92	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	22.5	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	22.42	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	21.84	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	22.93	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	22.49	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	22.41	PASS



n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	20.83	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	21.88	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	21.45	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	21.36	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	20.29	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	20.39	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	19.85	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.76	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	18.56	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	18.53	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	18.81	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	18.35	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	19.96	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	21.39	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	21.09	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	20.99	PASS
n77(3450-3550)	30	70	633334	189@0	CP_16QAM	20.01	PASS
n77(3450-3550)	30	70	633334	95@47	CP_16QAM	20.93	PASS
n77(3450-3550)	30	70	633334	1@1	CP_16QAM	20.38	PASS
n77(3450-3550)	30	70	633334	1@187	CP_16QAM	20.28	PASS
n77(3450-3550)	30	70	633334	189@0	CP_64QAM	19.46	PASS
n77(3450-3550)	30	70	633334	95@47	CP_64QAM	19.53	PASS
n77(3450-3550)	30	70	633334	1@1	CP_64QAM	19.44	PASS
n77(3450-3550)	30	70	633334	1@187	CP_64QAM	19.34	PASS



n77(3450-3550)	30	70	633334	189@0	CP_256QAM	16.56	PASS
n77(3450-3550)	30	70	633334	95@47	CP_256QAM	16.5	PASS
n77(3450-3550)	30	70	633334	1@1	CP_256QAM	16.54	PASS
n77(3450-3550)	30	70	633334	1@187	CP_256QAM	16.34	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	22.51	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	23.12	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	22.61	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	22.49	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	21.99	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	23.16	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	22.63	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	22.54	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	21	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	22.1	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	21.55	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	21.42	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	20.49	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	20.59	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	19.97	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.86	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	18.55	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	18.78	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	18.26	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	18.08	PASS



n77(3450-3550)	30	70	634332	189@0	CP_QPSK	20.17	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	21.6	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	21.16	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	21.08	PASS
n77(3450-3550)	30	70	634332	189@0	CP_16QAM	20.14	PASS
n77(3450-3550)	30	70	634332	95@47	CP_16QAM	21.08	PASS
n77(3450-3550)	30	70	634332	1@1	CP_16QAM	20.47	PASS
n77(3450-3550)	30	70	634332	1@187	CP_16QAM	20.38	PASS
n77(3450-3550)	30	70	634332	189@0	CP_64QAM	19.59	PASS
n77(3450-3550)	30	70	634332	95@47	CP_64QAM	19.72	PASS
n77(3450-3550)	30	70	634332	1@1	CP_64QAM	19.47	PASS
n77(3450-3550)	30	70	634332	1@187	CP_64QAM	19.39	PASS
n77(3450-3550)	30	70	634332	189@0	CP_256QAM	16.92	PASS
n77(3450-3550)	30	70	634332	95@47	CP_256QAM	16.68	PASS
n77(3450-3550)	30	70	634332	1@1	CP_256QAM	16.55	PASS
n77(3450-3550)	30	70	634332	1@187	CP_256QAM	16.42	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	22.24	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	22.85	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	22.26	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	22.23	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	21.74	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	22.87	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	22.27	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	22.24	PASS



n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	20.73	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	21.83	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	21.15	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	21.14	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	20.19	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	20.33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	19.63	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.6	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	18.41	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	18.18	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	18.17	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	18.19	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	19.88	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	21.32	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	20.81	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	20.77	PASS
n77(3450-3550)	30	80	632668	217@0	CP_16QAM	19.9	PASS
n77(3450-3550)	30	80	632668	109@54	CP_16QAM	20.81	PASS
n77(3450-3550)	30	80	632668	1@1	CP_16QAM	20.07	PASS
n77(3450-3550)	30	80	632668	1@215	CP_16QAM	20.04	PASS
n77(3450-3550)	30	80	632668	217@0	CP_64QAM	19.37	PASS
n77(3450-3550)	30	80	632668	109@54	CP_64QAM	19.47	PASS
n77(3450-3550)	30	80	632668	1@1	CP_64QAM	19.17	PASS
n77(3450-3550)	30	80	632668	1@215	CP_64QAM	19.13	PASS



n77(3450-3550)	30	80	632668	217@0	CP_256QAM	16.5	PASS
n77(3450-3550)	30	80	632668	109@54	CP_256QAM	16.5	PASS
n77(3450-3550)	30	80	632668	1@1	CP_256QAM	16.54	PASS
n77(3450-3550)	30	80	632668	1@215	CP_256QAM	16.16	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	22.27	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	22.89	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	22.33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	22.25	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	21.78	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	22.85	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	22.33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	22.23	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	20.79	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	21.88	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	21.3	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	21.21	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	20.23	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	20.36	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	19.73	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.64	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	18.45	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	18.49	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	17.95	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	18.22	PASS



n77(3450-3550)	30	80	633334	217@0	CP_QPSK	19.93	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	21.36	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	20.83	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	20.7	PASS
n77(3450-3550)	30	80	633334	217@0	CP_16QAM	19.96	PASS
n77(3450-3550)	30	80	633334	109@54	CP_16QAM	20.88	PASS
n77(3450-3550)	30	80	633334	1@1	CP_16QAM	20.23	PASS
n77(3450-3550)	30	80	633334	1@215	CP_16QAM	20.14	PASS
n77(3450-3550)	30	80	633334	217@0	CP_64QAM	19.43	PASS
n77(3450-3550)	30	80	633334	109@54	CP_64QAM	19.5	PASS
n77(3450-3550)	30	80	633334	1@1	CP_64QAM	19.31	PASS
n77(3450-3550)	30	80	633334	1@215	CP_64QAM	19.2	PASS
n77(3450-3550)	30	80	633334	217@0	CP_256QAM	16.26	PASS
n77(3450-3550)	30	80	633334	109@54	CP_256QAM	16.52	PASS
n77(3450-3550)	30	80	633334	1@1	CP_256QAM	16.55	PASS
n77(3450-3550)	30	80	633334	1@215	CP_256QAM	16.22	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	22.37	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	23.03	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	22.53	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	22.3	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	21.87	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	23.04	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.54	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	22.33	PASS



n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	20.89	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	22.01	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	21.42	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	21.23	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	20.32	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	20.53	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	19.88	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.68	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	18.54	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	18.69	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	18.48	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	18.94	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	20.06	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	21.52	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	21.1	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	20.92	PASS
n77(3450-3550)	30	80	634000	217@0	CP_16QAM	20.05	PASS
n77(3450-3550)	30	80	634000	109@54	CP_16QAM	21.01	PASS
n77(3450-3550)	30	80	634000	1@1	CP_16QAM	20.36	PASS
n77(3450-3550)	30	80	634000	1@215	CP_16QAM	20.22	PASS
n77(3450-3550)	30	80	634000	217@0	CP_64QAM	19.54	PASS
n77(3450-3550)	30	80	634000	109@54	CP_64QAM	19.68	PASS
n77(3450-3550)	30	80	634000	1@1	CP_64QAM	19.45	PASS
n77(3450-3550)	30	80	634000	1@215	CP_64QAM	19.29	PASS



n77(3450-3550)	30	80	634000	217@0	CP_256QAM	16.5	PASS
n77(3450-3550)	30	80	634000	109@54	CP_256QAM	16.71	PASS
n77(3450-3550)	30	80	634000	1@1	CP_256QAM	16.54	PASS
n77(3450-3550)	30	80	634000	1@215	CP_256QAM	16.28	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	22.16	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	22.86	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	22.03	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	22.06	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	21.65	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	22.79	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	22.02	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	22.04	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	20.69	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	21.85	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	20.99	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	21	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	20.15	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	20.33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	19.44	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.43	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	18.37	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	17.6	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	17.64	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	17.15	PASS



n77(3450-3550)	30	90	633000	245@0	CP_QPSK	20.25	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	21.28	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	20.59	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	20.6	PASS
n77(3450-3550)	30	90	633000	245@0	CP_16QAM	19.84	PASS
n77(3450-3550)	30	90	633000	123@61	CP_16QAM	20.8	PASS
n77(3450-3550)	30	90	633000	1@1	CP_16QAM	19.87	PASS
n77(3450-3550)	30	90	633000	1@243	CP_16QAM	19.87	PASS
n77(3450-3550)	30	90	633000	245@0	CP_64QAM	19.38	PASS
n77(3450-3550)	30	90	633000	123@61	CP_64QAM	19.48	PASS
n77(3450-3550)	30	90	633000	1@1	CP_64QAM	19.01	PASS
n77(3450-3550)	30	90	633000	1@243	CP_64QAM	19.02	PASS
n77(3450-3550)	30	90	633000	245@0	CP_256QAM	16.49	PASS
n77(3450-3550)	30	90	633000	123@61	CP_256QAM	16.44	PASS
n77(3450-3550)	30	90	633000	1@1	CP_256QAM	15.99	PASS
n77(3450-3550)	30	90	633000	1@243	CP_256QAM	16.01	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	22.2	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	22.87	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.11	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	22.06	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	21.68	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	22.84	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.09	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	22.06	PASS



n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	20.74	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	21.84	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	21.05	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	21.02	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	20.19	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	20.36	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	19.47	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.45	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	18.6	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	18.5	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	18.52	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	18.02	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	19.86	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	21.3	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	20.64	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	20.58	PASS
n77(3450-3550)	30	90	633334	245@0	CP_16QAM	19.86	PASS
n77(3450-3550)	30	90	633334	123@61	CP_16QAM	20.79	PASS
n77(3450-3550)	30	90	633334	1@1	CP_16QAM	19.95	PASS
n77(3450-3550)	30	90	633334	1@243	CP_16QAM	19.88	PASS
n77(3450-3550)	30	90	633334	245@0	CP_64QAM	19.33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_64QAM	19.49	PASS
n77(3450-3550)	30	90	633334	1@1	CP_64QAM	19.11	PASS
n77(3450-3550)	30	90	633334	1@243	CP_64QAM	19.03	PASS



n77(3450-3550)	30	90	633334	245@0	CP_256QAM	16.56	PASS
n77(3450-3550)	30	90	633334	123@61	CP_256QAM	16.45	PASS
n77(3450-3550)	30	90	633334	1@1	CP_256QAM	16.43	PASS
n77(3450-3550)	30	90	633334	1@243	CP_256QAM	16.03	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	18.52	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	23.02	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.34	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	22.14	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	21.85	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	23	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.27	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	22.11	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	20.86	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	21.99	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	21.25	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	21.08	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	20.33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	20.51	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	19.7	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.53	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	18.7	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	18.67	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	18.5	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	18.12	PASS



n77(3450-3550)	30	90	633666	245@0	CP_QPSK	20.01	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	21.48	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	20.83	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	20.75	PASS
n77(3450-3550)	30	90	633666	245@0	CP_16QAM	20.02	PASS
n77(3450-3550)	30	90	633666	123@61	CP_16QAM	21.01	PASS
n77(3450-3550)	30	90	633666	1@1	CP_16QAM	20.18	PASS
n77(3450-3550)	30	90	633666	1@243	CP_16QAM	20.07	PASS
n77(3450-3550)	30	90	633666	245@0	CP_64QAM	19.54	PASS
n77(3450-3550)	30	90	633666	123@61	CP_64QAM	19.64	PASS
n77(3450-3550)	30	90	633666	1@1	CP_64QAM	19.29	PASS
n77(3450-3550)	30	90	633666	1@243	CP_64QAM	19.21	PASS
n77(3450-3550)	30	90	633666	245@0	CP_256QAM	16.53	PASS
n77(3450-3550)	30	90	633666	123@61	CP_256QAM	16.63	PASS
n77(3450-3550)	30	90	633666	1@1	CP_256QAM	16.22	PASS
n77(3450-3550)	30	90	633666	1@243	CP_256QAM	16.2	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	22.19	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	22.88	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	21.93	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	21.84	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	21.67	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	22.86	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	21.92	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	21.83	PASS



n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	20.67	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	21.88	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	20.94	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	20.81	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	20.17	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	20.35	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	19.35	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	19.27	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	18.35	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	17.45	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	17.95	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	17.44	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	19.8	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	21.29	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	20.5	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	20.38	PASS
n77(3450-3550)	30	100	633334	273@0	CP_16QAM	19.83	PASS
n77(3450-3550)	30	100	633334	137@68	CP_16QAM	20.79	PASS
n77(3450-3550)	30	100	633334	1@1	CP_16QAM	19.79	PASS
n77(3450-3550)	30	100	633334	1@271	CP_16QAM	19.72	PASS
n77(3450-3550)	30	100	633334	273@0	CP_64QAM	19.27	PASS
n77(3450-3550)	30	100	633334	137@68	CP_64QAM	19.49	PASS
n77(3450-3550)	30	100	633334	1@1	CP_64QAM	18.56	PASS
n77(3450-3550)	30	100	633334	1@271	CP_64QAM	18.96	PASS
n77(3450-3550)	30	100	633334	273@0	CP_256QAM	18.54	PASS
n77(3450-3550)	30	100	633334	137@68	CP_256QAM	16.43	PASS
n77(3450-3550)	30	100	633334	1@1	CP_256QAM	16.26	PASS
n77(3450-3550)	30	100	633334	1@271	CP_256QAM	15.84	PASS



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	22.28	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	22.78	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	22.71	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	22.69	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	21.79	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	22.81	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	22.71	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	22.67	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	20.79	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	21.8	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	21.66	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	21.6	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	20.26	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	20.24	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	20.19	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	20.18	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	18.45	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	18.45	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	18.53	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	18.55	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	19.8	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	21.28	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	21.18	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	21.16	PASS



n77(3700-3980)	30	10	647000	24@0	CP_16QAM	19.79	PASS
n77(3700-3980)	30	10	647000	12@6	CP_16QAM	20.82	PASS
n77(3700-3980)	30	10	647000	1@1	CP_16QAM	20.54	PASS
n77(3700-3980)	30	10	647000	1@22	CP_16QAM	20.47	PASS
n77(3700-3980)	30	10	647000	24@0	CP_64QAM	19.41	PASS
n77(3700-3980)	30	10	647000	12@6	CP_64QAM	19.39	PASS
n77(3700-3980)	30	10	647000	1@1	CP_64QAM	19.47	PASS
n77(3700-3980)	30	10	647000	1@22	CP_64QAM	19.43	PASS
n77(3700-3980)	30	10	647000	24@0	CP_256QAM	16.49	PASS
n77(3700-3980)	30	10	647000	12@6	CP_256QAM	16.45	PASS
n77(3700-3980)	30	10	647000	1@1	CP_256QAM	16.48	PASS
n77(3700-3980)	30	10	647000	1@22	CP_256QAM	16.48	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	22.28	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	22.78	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	22.66	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	22.74	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	21.79	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	22.77	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	22.62	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	22.72	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	20.77	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	21.77	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	21.57	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	21.66	PASS



n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	20.27	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	20.24	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	20.17	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	20.26	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	18.44	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	18.42	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	18.47	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	18.56	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	19.75	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	21.28	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	21.16	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	21.27	PASS
n77(3700-3980)	30	10	656000	24@0	CP_16QAM	19.74	PASS
n77(3700-3980)	30	10	656000	12@6	CP_16QAM	20.79	PASS
n77(3700-3980)	30	10	656000	1@1	CP_16QAM	20.39	PASS
n77(3700-3980)	30	10	656000	1@22	CP_16QAM	20.48	PASS
n77(3700-3980)	30	10	656000	24@0	CP_64QAM	19.26	PASS
n77(3700-3980)	30	10	656000	12@6	CP_64QAM	19.21	PASS
n77(3700-3980)	30	10	656000	1@1	CP_64QAM	19.29	PASS
n77(3700-3980)	30	10	656000	1@22	CP_64QAM	19.39	PASS
n77(3700-3980)	30	10	656000	24@0	CP_256QAM	16.43	PASS
n77(3700-3980)	30	10	656000	12@6	CP_256QAM	16.39	PASS
n77(3700-3980)	30	10	656000	1@1	CP_256QAM	16.46	PASS
n77(3700-3980)	30	10	656000	1@22	CP_256QAM	16.53	PASS



n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	22.07	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	22.57	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	22.49	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	22.53	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	21.56	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	22.54	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	22.43	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	22.48	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	20.57	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	21.59	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	21.39	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	21.4	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	20.08	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	20.03	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	19.98	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	20.02	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	18.13	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	18.08	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	18.16	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	18.19	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	19.55	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	21.05	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	20.93	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	20.96	PASS



n77(3700-3980)	30	10	665000	24@0	CP_16QAM	19.57	PASS
n77(3700-3980)	30	10	665000	12@6	CP_16QAM	20.59	PASS
n77(3700-3980)	30	10	665000	1@1	CP_16QAM	20.24	PASS
n77(3700-3980)	30	10	665000	1@22	CP_16QAM	20.25	PASS
n77(3700-3980)	30	10	665000	24@0	CP_64QAM	19.08	PASS
n77(3700-3980)	30	10	665000	12@6	CP_64QAM	19.03	PASS
n77(3700-3980)	30	10	665000	1@1	CP_64QAM	19.05	PASS
n77(3700-3980)	30	10	665000	1@22	CP_64QAM	19.11	PASS
n77(3700-3980)	30	10	665000	24@0	CP_256QAM	16.27	PASS
n77(3700-3980)	30	10	665000	12@6	CP_256QAM	16.23	PASS
n77(3700-3980)	30	10	665000	1@1	CP_256QAM	16.2	PASS
n77(3700-3980)	30	10	665000	1@22	CP_256QAM	16.09	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	22.4	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	22.96	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	22.83	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	22.77	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	21.88	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	22.93	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	22.76	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	22.71	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	20.84	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	21.9	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	21.67	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	21.67	PASS



n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	20.38	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	20.41	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	20.43	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	20.37	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	18.54	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	18.61	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	18.27	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	18.24	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	19.88	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	21.39	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	21.22	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	21.21	PASS
n77(3700-3980)	30	15	647168	38@0	CP_16QAM	19.91	PASS
n77(3700-3980)	30	15	647168	19@9	CP_16QAM	20.89	PASS
n77(3700-3980)	30	15	647168	1@1	CP_16QAM	20.8	PASS
n77(3700-3980)	30	15	647168	1@36	CP_16QAM	20.79	PASS
n77(3700-3980)	30	15	647168	38@0	CP_64QAM	19.54	PASS
n77(3700-3980)	30	15	647168	19@9	CP_64QAM	19.56	PASS
n77(3700-3980)	30	15	647168	1@1	CP_64QAM	19.64	PASS
n77(3700-3980)	30	15	647168	1@36	CP_64QAM	19.47	PASS
n77(3700-3980)	30	15	647168	38@0	CP_256QAM	16.47	PASS
n77(3700-3980)	30	15	647168	19@9	CP_256QAM	16.51	PASS
n77(3700-3980)	30	15	647168	1@1	CP_256QAM	16.59	PASS
n77(3700-3980)	30	15	647168	1@36	CP_256QAM	16.56	PASS



n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	22.31	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	22.82	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	22.63	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	22.79	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	21.8	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	22.82	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	22.57	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	22.74	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	20.78	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	21.82	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	21.6	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	21.73	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	20.28	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	20.29	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	20.09	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	20.26	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	18.43	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	18.43	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	18.42	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	18.54	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	19.77	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	21.26	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	21.15	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	21.3	PASS



n77(3700-3980)	30	15	656000	38@0	CP_16QAM	19.77	PASS
n77(3700-3980)	30	15	656000	19@9	CP_16QAM	20.8	PASS
n77(3700-3980)	30	15	656000	1@1	CP_16QAM	20.4	PASS
n77(3700-3980)	30	15	656000	1@36	CP_16QAM	20.6	PASS
n77(3700-3980)	30	15	656000	38@0	CP_64QAM	19.29	PASS
n77(3700-3980)	30	15	656000	19@9	CP_64QAM	19.29	PASS
n77(3700-3980)	30	15	656000	1@1	CP_64QAM	19.23	PASS
n77(3700-3980)	30	15	656000	1@36	CP_64QAM	19.38	PASS
n77(3700-3980)	30	15	656000	38@0	CP_256QAM	16.37	PASS
n77(3700-3980)	30	15	656000	19@9	CP_256QAM	16.42	PASS
n77(3700-3980)	30	15	656000	1@1	CP_256QAM	16.44	PASS
n77(3700-3980)	30	15	656000	1@36	CP_256QAM	16.58	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	22.07	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	22.59	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	22.46	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	22.45	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	21.53	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	22.55	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	22.4	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	22.39	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	20.54	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	21.56	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	21.33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	21.38	PASS



n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	20.06	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	20.05	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	19.91	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	19.92	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	18.01	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	18.07	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	18.07	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	18.11	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	19.52	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	21.03	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	20.94	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	20.96	PASS
n77(3700-3980)	30	15	664832	38@0	CP_16QAM	19.55	PASS
n77(3700-3980)	30	15	664832	19@9	CP_16QAM	20.58	PASS
n77(3700-3980)	30	15	664832	1@1	CP_16QAM	20.25	PASS
n77(3700-3980)	30	15	664832	1@36	CP_16QAM	20.23	PASS
n77(3700-3980)	30	15	664832	38@0	CP_64QAM	19.04	PASS
n77(3700-3980)	30	15	664832	19@9	CP_64QAM	19.02	PASS
n77(3700-3980)	30	15	664832	1@1	CP_64QAM	19.07	PASS
n77(3700-3980)	30	15	664832	1@36	CP_64QAM	19.07	PASS
n77(3700-3980)	30	15	664832	38@0	CP_256QAM	16.14	PASS
n77(3700-3980)	30	15	664832	19@9	CP_256QAM	16.18	PASS
n77(3700-3980)	30	15	664832	1@1	CP_256QAM	16.25	PASS
n77(3700-3980)	30	15	664832	1@36	CP_256QAM	16.26	PASS



n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	22.36	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	22.89	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	22.71	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	22.68	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	21.84	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	22.89	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	22.72	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	22.65	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	20.83	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	21.85	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	21.66	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	21.63	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	20.35	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	20.37	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	20.11	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	20.09	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	18.26	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	18.49	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	18.5	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	18.46	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	19.79	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	21.35	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	21.26	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	21.2	PASS



n77(3700-3980)	30	20	647334	51@0	CP_16QAM	19.76	PASS
n77(3700-3980)	30	20	647334	25@12	CP_16QAM	20.86	PASS
n77(3700-3980)	30	20	647334	1@1	CP_16QAM	20.6	PASS
n77(3700-3980)	30	20	647334	1@49	CP_16QAM	20.53	PASS
n77(3700-3980)	30	20	647334	51@0	CP_64QAM	19.44	PASS
n77(3700-3980)	30	20	647334	25@12	CP_64QAM	19.37	PASS
n77(3700-3980)	30	20	647334	1@1	CP_64QAM	19.49	PASS
n77(3700-3980)	30	20	647334	1@49	CP_64QAM	19.28	PASS
n77(3700-3980)	30	20	647334	51@0	CP_256QAM	16.53	PASS
n77(3700-3980)	30	20	647334	25@12	CP_256QAM	16.49	PASS
n77(3700-3980)	30	20	647334	1@1	CP_256QAM	16.52	PASS
n77(3700-3980)	30	20	647334	1@49	CP_256QAM	16.41	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	22.28	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	22.76	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	22.53	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	22.7	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	21.76	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	22.78	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	22.52	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	22.73	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	20.73	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	21.75	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	21.48	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	21.66	PASS



n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	20.27	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	20.24	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	19.92	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	20.15	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	18.26	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	18.41	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	18.31	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	18.74	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	19.71	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	21.24	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	21.03	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	21.22	PASS
n77(3700-3980)	30	20	656000	51@0	CP_16QAM	19.71	PASS
n77(3700-3980)	30	20	656000	25@12	CP_16QAM	20.8	PASS
n77(3700-3980)	30	20	656000	1@1	CP_16QAM	20.41	PASS
n77(3700-3980)	30	20	656000	1@49	CP_16QAM	20.58	PASS
n77(3700-3980)	30	20	656000	51@0	CP_64QAM	19.23	PASS
n77(3700-3980)	30	20	656000	25@12	CP_64QAM	19.26	PASS
n77(3700-3980)	30	20	656000	1@1	CP_64QAM	19.16	PASS
n77(3700-3980)	30	20	656000	1@49	CP_64QAM	19.35	PASS
n77(3700-3980)	30	20	656000	51@0	CP_256QAM	16.83	PASS
n77(3700-3980)	30	20	656000	25@12	CP_256QAM	16.4	PASS
n77(3700-3980)	30	20	656000	1@1	CP_256QAM	16.22	PASS
n77(3700-3980)	30	20	656000	1@49	CP_256QAM	16.54	PASS



n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	22.07	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	22.54	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	22.38	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	22.41	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	21.52	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	22.52	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	22.39	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	22.39	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	20.5	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	21.46	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	21.38	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	21.39	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	20.01	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	19.99	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	19.9	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	19.93	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	18.04	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	17.26	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	17.74	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	17.55	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	19.51	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	21	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	20.83	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	20.85	PASS



n77(3700-3980)	30	20	664666	51@0	CP_16QAM	19.42	PASS
n77(3700-3980)	30	20	664666	25@12	CP_16QAM	20.55	PASS
n77(3700-3980)	30	20	664666	1@1	CP_16QAM	20.35	PASS
n77(3700-3980)	30	20	664666	1@49	CP_16QAM	20.31	PASS
n77(3700-3980)	30	20	664666	51@0	CP_64QAM	19	PASS
n77(3700-3980)	30	20	664666	25@12	CP_64QAM	18.99	PASS
n77(3700-3980)	30	20	664666	1@1	CP_64QAM	19.09	PASS
n77(3700-3980)	30	20	664666	1@49	CP_64QAM	19.04	PASS
n77(3700-3980)	30	20	664666	51@0	CP_256QAM	16.21	PASS
n77(3700-3980)	30	20	664666	25@12	CP_256QAM	16.13	PASS
n77(3700-3980)	30	20	664666	1@1	CP_256QAM	16.17	PASS
n77(3700-3980)	30	20	664666	1@49	CP_256QAM	16.6	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	22.15	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	22.76	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	22.31	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	22.36	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	21.63	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	22.75	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	22.32	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	22.36	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	20.59	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	21.72	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	21.28	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	21.35	PASS



n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	20.12	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	20.27	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	19.73	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	19.78	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	18.26	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	18.52	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	18.11	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	18.26	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	20.28	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	21.19	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	20.86	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	20.88	PASS
n77(3700-3980)	30	40	648000	106@0	CP_16QAM	19.62	PASS
n77(3700-3980)	30	40	648000	53@26	CP_16QAM	20.75	PASS
n77(3700-3980)	30	40	648000	1@1	CP_16QAM	20.2	PASS
n77(3700-3980)	30	40	648000	1@104	CP_16QAM	20.25	PASS
n77(3700-3980)	30	40	648000	106@0	CP_64QAM	19.23	PASS
n77(3700-3980)	30	40	648000	53@26	CP_64QAM	19.33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_64QAM	19.09	PASS
n77(3700-3980)	30	40	648000	1@104	CP_64QAM	19.12	PASS
n77(3700-3980)	30	40	648000	106@0	CP_256QAM	16.64	PASS
n77(3700-3980)	30	40	648000	53@26	CP_256QAM	16.31	PASS
n77(3700-3980)	30	40	648000	1@1	CP_256QAM	16.09	PASS
n77(3700-3980)	30	40	648000	1@104	CP_256QAM	16.13	PASS



n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	22.15	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	22.72	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	22.05	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	22.4	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	21.61	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	22.7	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	22.05	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	22.39	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	20.59	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	21.7	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	21.08	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	21.39	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	20.1	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	20.22	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	19.43	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	19.74	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	18.23	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	18.35	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	17.91	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	18.11	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	19.57	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	21.16	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	20.6	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	20.92	PASS



n77(3700-3980)	30	40	656000	106@0	CP_16QAM	19.6	PASS
n77(3700-3980)	30	40	656000	53@26	CP_16QAM	20.68	PASS
n77(3700-3980)	30	40	656000	1@1	CP_16QAM	19.95	PASS
n77(3700-3980)	30	40	656000	1@104	CP_16QAM	20.28	PASS
n77(3700-3980)	30	40	656000	106@0	CP_64QAM	19.05	PASS
n77(3700-3980)	30	40	656000	53@26	CP_64QAM	19.16	PASS
n77(3700-3980)	30	40	656000	1@1	CP_64QAM	19.26	PASS
n77(3700-3980)	30	40	656000	1@104	CP_64QAM	19.02	PASS
n77(3700-3980)	30	40	656000	106@0	CP_256QAM	16.22	PASS
n77(3700-3980)	30	40	656000	53@26	CP_256QAM	16.29	PASS
n77(3700-3980)	30	40	656000	1@1	CP_256QAM	16.26	PASS
n77(3700-3980)	30	40	656000	1@104	CP_256QAM	16.23	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	21.98	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	22.55	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	22.1	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	22.09	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	21.46	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	22.57	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	22.1	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	22.06	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	20.44	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	21.56	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	21.04	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	21.03	PASS



n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	19.95	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	20.09	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	19.52	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	19.48	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	17.97	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	17.26	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	17.92	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	17.55	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	19.47	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	21.03	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	20.67	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	20.65	PASS
n77(3700-3980)	30	40	664000	106@0	CP_16QAM	19.51	PASS
n77(3700-3980)	30	40	664000	53@26	CP_16QAM	20.59	PASS
n77(3700-3980)	30	40	664000	1@1	CP_16QAM	20.04	PASS
n77(3700-3980)	30	40	664000	1@104	CP_16QAM	19.97	PASS
n77(3700-3980)	30	40	664000	106@0	CP_64QAM	18.94	PASS
n77(3700-3980)	30	40	664000	53@26	CP_64QAM	19.03	PASS
n77(3700-3980)	30	40	664000	1@1	CP_64QAM	18.76	PASS
n77(3700-3980)	30	40	664000	1@104	CP_64QAM	18.74	PASS
n77(3700-3980)	30	40	664000	106@0	CP_256QAM	16.1	PASS
n77(3700-3980)	30	40	664000	53@26	CP_256QAM	16.21	PASS
n77(3700-3980)	30	40	664000	1@1	CP_256QAM	15.95	PASS
n77(3700-3980)	30	40	664000	1@104	CP_256QAM	15.97	PASS



n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	22.29	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	22.78	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	22.63	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	22.76	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	21.77	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	22.77	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	22.61	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	22.71	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	20.77	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	21.77	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	21.58	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	21.71	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	20.26	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	20.3	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	20.1	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	20.24	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	18.41	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	18.42	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	18.51	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	18.59	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	19.74	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	21.29	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	21.08	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	21.22	PASS



n77(3700-3980)	30	50	648334	133@0	CP_16QAM	19.74	PASS
n77(3700-3980)	30	50	648334	67@33	CP_16QAM	20.74	PASS
n77(3700-3980)	30	50	648334	1@1	CP_16QAM	20.38	PASS
n77(3700-3980)	30	50	648334	1@131	CP_16QAM	20.48	PASS
n77(3700-3980)	30	50	648334	133@0	CP_64QAM	19.41	PASS
n77(3700-3980)	30	50	648334	67@33	CP_64QAM	19.41	PASS
n77(3700-3980)	30	50	648334	1@1	CP_64QAM	19.38	PASS
n77(3700-3980)	30	50	648334	1@131	CP_64QAM	19.33	PASS
n77(3700-3980)	30	50	648334	133@0	CP_256QAM	16.4	PASS
n77(3700-3980)	30	50	648334	67@33	CP_256QAM	16.38	PASS
n77(3700-3980)	30	50	648334	1@1	CP_256QAM	16.21	PASS
n77(3700-3980)	30	50	648334	1@131	CP_256QAM	16.34	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	22.19	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	22.74	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	22.32	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	22.74	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	21.68	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	22.72	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	22.27	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	22.68	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	20.67	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	21.74	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	21.22	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	21.59	PASS



n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	20.16	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	20.23	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	19.95	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	20.35	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	18.31	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	18.39	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	17.87	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	18.31	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	19.71	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	21.21	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	20.76	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	21.16	PASS
n77(3700-3980)	30	50	656000	133@0	CP_16QAM	19.66	PASS
n77(3700-3980)	30	50	656000	67@33	CP_16QAM	20.75	PASS
n77(3700-3980)	30	50	656000	1@1	CP_16QAM	20.3	PASS
n77(3700-3980)	30	50	656000	1@131	CP_16QAM	20.74	PASS
n77(3700-3980)	30	50	656000	133@0	CP_64QAM	19.18	PASS
n77(3700-3980)	30	50	656000	67@33	CP_64QAM	19.28	PASS
n77(3700-3980)	30	50	656000	1@1	CP_64QAM	19	PASS
n77(3700-3980)	30	50	656000	1@131	CP_64QAM	19.37	PASS
n77(3700-3980)	30	50	656000	133@0	CP_256QAM	16.31	PASS
n77(3700-3980)	30	50	656000	67@33	CP_256QAM	16.34	PASS
n77(3700-3980)	30	50	656000	1@1	CP_256QAM	16.19	PASS
n77(3700-3980)	30	50	656000	1@131	CP_256QAM	16.59	PASS



n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	21.99	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	22.55	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	22.33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	22.31	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	21.48	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	22.54	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	22.31	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	22.29	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	20.47	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	21.55	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	21.3	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	21.3	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	19.97	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	20.08	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	19.85	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	19.82	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	17.99	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	18.06	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	18.23	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	18.05	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	19.49	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	21.05	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	20.81	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	20.81	PASS



n77(3700-3980)	30	50	663666	133@0	CP_16QAM	19.49	PASS
n77(3700-3980)	30	50	663666	67@33	CP_16QAM	20.52	PASS
n77(3700-3980)	30	50	663666	1@1	CP_16QAM	20.07	PASS
n77(3700-3980)	30	50	663666	1@131	CP_16QAM	20.15	PASS
n77(3700-3980)	30	50	663666	133@0	CP_64QAM	19.02	PASS
n77(3700-3980)	30	50	663666	67@33	CP_64QAM	19.07	PASS
n77(3700-3980)	30	50	663666	1@1	CP_64QAM	18.96	PASS
n77(3700-3980)	30	50	663666	1@131	CP_64QAM	18.96	PASS
n77(3700-3980)	30	50	663666	133@0	CP_256QAM	16.17	PASS
n77(3700-3980)	30	50	663666	67@33	CP_256QAM	16.16	PASS
n77(3700-3980)	30	50	663666	1@1	CP_256QAM	16.18	PASS
n77(3700-3980)	30	50	663666	1@131	CP_256QAM	16.21	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	22.3	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	22.83	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	22.48	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	22.67	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	21.75	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	22.83	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	22.46	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	22.64	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	20.74	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	21.8	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	21.45	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	21.63	PASS



n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	20.24	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	20.29	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	19.94	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	20.13	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	18.37	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	18.41	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	18.38	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	18.58	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	19.71	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	21.3	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	21	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	21.15	PASS
n77(3700-3980)	30	60	648668	162@0	CP_16QAM	19.72	PASS
n77(3700-3980)	30	60	648668	81@40	CP_16QAM	20.81	PASS
n77(3700-3980)	30	60	648668	1@1	CP_16QAM	20.22	PASS
n77(3700-3980)	30	60	648668	1@160	CP_16QAM	20.37	PASS
n77(3700-3980)	30	60	648668	162@0	CP_64QAM	19.36	PASS
n77(3700-3980)	30	60	648668	81@40	CP_64QAM	19.47	PASS
n77(3700-3980)	30	60	648668	1@1	CP_64QAM	19.28	PASS
n77(3700-3980)	30	60	648668	1@160	CP_64QAM	19.21	PASS
n77(3700-3980)	30	60	648668	162@0	CP_256QAM	16.36	PASS
n77(3700-3980)	30	60	648668	81@40	CP_256QAM	16.39	PASS
n77(3700-3980)	30	60	648668	1@1	CP_256QAM	16.35	PASS
n77(3700-3980)	30	60	648668	1@160	CP_256QAM	16.5	PASS



n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	22.18	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	22.77	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	22.17	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	22.62	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	21.65	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	22.73	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	22.13	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	22.58	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	20.64	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	21.75	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	21.17	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	21.58	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	20.15	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	20.23	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	19.66	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	20.1	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	18.27	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	18.35	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	18.07	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	18.54	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	19.61	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	21.21	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	20.7	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	21.15	PASS



n77(3700-3980)	30	60	656000	162@0	CP_16QAM	19.62	PASS
n77(3700-3980)	30	60	656000	81@40	CP_16QAM	20.74	PASS
n77(3700-3980)	30	60	656000	1@1	CP_16QAM	20.01	PASS
n77(3700-3980)	30	60	656000	1@160	CP_16QAM	20.44	PASS
n77(3700-3980)	30	60	656000	162@0	CP_64QAM	19.12	PASS
n77(3700-3980)	30	60	656000	81@40	CP_64QAM	19.24	PASS
n77(3700-3980)	30	60	656000	1@1	CP_64QAM	18.81	PASS
n77(3700-3980)	30	60	656000	1@160	CP_64QAM	19.28	PASS
n77(3700-3980)	30	60	656000	162@0	CP_256QAM	16.29	PASS
n77(3700-3980)	30	60	656000	81@40	CP_256QAM	16.35	PASS
n77(3700-3980)	30	60	656000	1@1	CP_256QAM	16.08	PASS
n77(3700-3980)	30	60	656000	1@160	CP_256QAM	16.53	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	22.01	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	22.55	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	22.23	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	22.2	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	21.49	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	22.54	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	22.15	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	22.16	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	20.48	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	21.53	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	21.19	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	21.17	PASS



n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	19.97	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	20.02	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	19.71	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	19.71	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	17.98	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	18	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	18.12	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	17.83	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	19.44	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	20.99	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	20.72	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	20.67	PASS
n77(3700-3980)	30	60	663332	162@0	CP_16QAM	19.46	PASS
n77(3700-3980)	30	60	663332	81@40	CP_16QAM	20.49	PASS
n77(3700-3980)	30	60	663332	1@1	CP_16QAM	19.97	PASS
n77(3700-3980)	30	60	663332	1@160	CP_16QAM	19.95	PASS
n77(3700-3980)	30	60	663332	162@0	CP_64QAM	18.92	PASS
n77(3700-3980)	30	60	663332	81@40	CP_64QAM	19.02	PASS
n77(3700-3980)	30	60	663332	1@1	CP_64QAM	18.83	PASS
n77(3700-3980)	30	60	663332	1@160	CP_64QAM	18.8	PASS
n77(3700-3980)	30	60	663332	162@0	CP_256QAM	16.08	PASS
n77(3700-3980)	30	60	663332	81@40	CP_256QAM	16.12	PASS
n77(3700-3980)	30	60	663332	1@1	CP_256QAM	16.12	PASS
n77(3700-3980)	30	60	663332	1@160	CP_256QAM	16.02	PASS



n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	22.38	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	22.94	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	22.42	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	22.74	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	21.89	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	22.94	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	22.38	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	22.69	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	20.9	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	21.92	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	21.26	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	21.56	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	20.37	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	20.43	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	19.99	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	20.28	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	18.55	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	18.61	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	18.04	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	18.34	PASS
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	19.85	PASS
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	21.45	PASS
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	20.95	PASS
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	21.28	PASS



n77(3700-3980)	30	70	649000	189@0	CP_16QAM	19.84	PASS
n77(3700-3980)	30	70	649000	95@47	CP_16QAM	20.94	PASS
n77(3700-3980)	30	70	649000	1@1	CP_16QAM	20.3	PASS
n77(3700-3980)	30	70	649000	1@187	CP_16QAM	20.66	PASS
n77(3700-3980)	30	70	649000	189@0	CP_64QAM	19.31	PASS
n77(3700-3980)	30	70	649000	95@47	CP_64QAM	19.4	PASS
n77(3700-3980)	30	70	649000	1@1	CP_64QAM	19.42	PASS
n77(3700-3980)	30	70	649000	1@187	CP_64QAM	19.43	PASS
n77(3700-3980)	30	70	649000	189@0	CP_256QAM	16.51	PASS
n77(3700-3980)	30	70	649000	95@47	CP_256QAM	16.54	PASS
n77(3700-3980)	30	70	649000	1@1	CP_256QAM	16.39	PASS
n77(3700-3980)	30	70	649000	1@187	CP_256QAM	16.7	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	22.2	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	22.77	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	22.02	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	22.52	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	21.68	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	22.77	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	22.03	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	22.52	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	20.7	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	21.73	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	20.92	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	21.37	PASS



n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	20.14	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	20.24	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	19.43	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	19.93	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	18.32	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	18.41	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	17.98	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	18.51	PASS
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	19.67	PASS
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	21.29	PASS
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	20.69	PASS
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	21.16	PASS
n77(3700-3980)	30	70	656000	189@0	CP_16QAM	19.69	PASS
n77(3700-3980)	30	70	656000	95@47	CP_16QAM	20.77	PASS
n77(3700-3980)	30	70	656000	1@1	CP_16QAM	19.88	PASS
n77(3700-3980)	30	70	656000	1@187	CP_16QAM	20.35	PASS
n77(3700-3980)	30	70	656000	189@0	CP_64QAM	19.14	PASS
n77(3700-3980)	30	70	656000	95@47	CP_64QAM	19.26	PASS
n77(3700-3980)	30	70	656000	1@1	CP_64QAM	18.66	PASS
n77(3700-3980)	30	70	656000	1@187	CP_64QAM	19.15	PASS
n77(3700-3980)	30	70	656000	189@0	CP_256QAM	16.34	PASS
n77(3700-3980)	30	70	656000	95@47	CP_256QAM	16.42	PASS
n77(3700-3980)	30	70	656000	1@1	CP_256QAM	15.97	PASS
n77(3700-3980)	30	70	656000	1@187	CP_256QAM	16.48	PASS



n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	22.06	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	22.66	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	22.15	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	22.14	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	21.55	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	22.66	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	22.16	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	22.11	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	20.57	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	21.61	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	21.05	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	21.06	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	20.03	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	20.11	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	19.56	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	19.53	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	18.02	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	18.1	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	17.81	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	17.78	PASS
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	19.49	PASS
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	21.1	PASS
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	20.76	PASS
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	20.76	PASS



n77(3700-3980)	30	70	663000	189@0	CP_16QAM	19.53	PASS
n77(3700-3980)	30	70	663000	95@47	CP_16QAM	20.6	PASS
n77(3700-3980)	30	70	663000	1@1	CP_16QAM	19.99	PASS
n77(3700-3980)	30	70	663000	1@187	CP_16QAM	19.94	PASS
n77(3700-3980)	30	70	663000	189@0	CP_64QAM	18.98	PASS
n77(3700-3980)	30	70	663000	95@47	CP_64QAM	19.11	PASS
n77(3700-3980)	30	70	663000	1@1	CP_64QAM	18.75	PASS
n77(3700-3980)	30	70	663000	1@187	CP_64QAM	18.76	PASS
n77(3700-3980)	30	70	663000	189@0	CP_256QAM	16.18	PASS
n77(3700-3980)	30	70	663000	95@47	CP_256QAM	16.26	PASS
n77(3700-3980)	30	70	663000	1@1	CP_256QAM	16.11	PASS
n77(3700-3980)	30	70	663000	1@187	CP_256QAM	16.12	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	22.28	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	22.88	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	22.25	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	22.62	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	21.79	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	22.87	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	22.24	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	22.6	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	20.79	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	21.87	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	21.15	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	21.51	PASS



n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	20.24	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	20.36	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	19.64	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	20	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	18.45	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	18.49	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	18.22	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	18.6	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	19.73	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	21.35	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	20.87	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	21.2	PASS
n77(3700-3980)	30	80	649334	217@0	CP_16QAM	19.75	PASS
n77(3700-3980)	30	80	649334	109@54	CP_16QAM	20.83	PASS
n77(3700-3980)	30	80	649334	1@1	CP_16QAM	20.04	PASS
n77(3700-3980)	30	80	649334	1@215	CP_16QAM	20.46	PASS
n77(3700-3980)	30	80	649334	217@0	CP_64QAM	19.21	PASS
n77(3700-3980)	30	80	649334	109@54	CP_64QAM	19.31	PASS
n77(3700-3980)	30	80	649334	1@1	CP_64QAM	19.13	PASS
n77(3700-3980)	30	80	649334	1@215	CP_64QAM	19.18	PASS
n77(3700-3980)	30	80	649334	217@0	CP_256QAM	16.42	PASS
n77(3700-3980)	30	80	649334	109@54	CP_256QAM	16.51	PASS
n77(3700-3980)	30	80	649334	1@1	CP_256QAM	16.2	PASS
n77(3700-3980)	30	80	649334	1@215	CP_256QAM	16.6	PASS



n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	22.14	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	22.77	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	21.86	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	22.48	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	21.64	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	22.78	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	21.83	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	22.45	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	20.64	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	21.76	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	20.76	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	21.4	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	20.11	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	20.24	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	19.23	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	19.89	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	18.28	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	18.38	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	17.82	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	18.15	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	19.57	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	21.24	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	20.47	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	21.13	PASS



n77(3700-3980)	30	80	656000	217@0	CP_16QAM	19.62	PASS
n77(3700-3980)	30	80	656000	109@54	CP_16QAM	20.74	PASS
n77(3700-3980)	30	80	656000	1@1	CP_16QAM	19.69	PASS
n77(3700-3980)	30	80	656000	1@215	CP_16QAM	20.31	PASS
n77(3700-3980)	30	80	656000	217@0	CP_64QAM	19.1	PASS
n77(3700-3980)	30	80	656000	109@54	CP_64QAM	19.23	PASS
n77(3700-3980)	30	80	656000	1@1	CP_64QAM	18.46	PASS
n77(3700-3980)	30	80	656000	1@215	CP_64QAM	19.15	PASS
n77(3700-3980)	30	80	656000	217@0	CP_256QAM	16.26	PASS
n77(3700-3980)	30	80	656000	109@54	CP_256QAM	16.45	PASS
n77(3700-3980)	30	80	656000	1@1	CP_256QAM	15.54	PASS
n77(3700-3980)	30	80	656000	1@215	CP_256QAM	16.18	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	21.98	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	22.62	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	21.89	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	22	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	21.47	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	22.63	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	21.85	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	21.92	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	20.44	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	21.6	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	20.7	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	20.82	PASS



n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	19.95	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	20.11	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	19.46	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	19.54	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	17.94	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	18.06	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	17.55	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	17.67	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	19.4	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	21.09	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	20.55	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	20.63	PASS
n77(3700-3980)	30	80	662666	217@0	CP_16QAM	19.45	PASS
n77(3700-3980)	30	80	662666	109@54	CP_16QAM	20.58	PASS
n77(3700-3980)	30	80	662666	1@1	CP_16QAM	19.78	PASS
n77(3700-3980)	30	80	662666	1@215	CP_16QAM	19.86	PASS
n77(3700-3980)	30	80	662666	217@0	CP_64QAM	18.91	PASS
n77(3700-3980)	30	80	662666	109@54	CP_64QAM	19.1	PASS
n77(3700-3980)	30	80	662666	1@1	CP_64QAM	18.52	PASS
n77(3700-3980)	30	80	662666	1@215	CP_64QAM	18.63	PASS
n77(3700-3980)	30	80	662666	217@0	CP_256QAM	16.13	PASS
n77(3700-3980)	30	80	662666	109@54	CP_256QAM	16.29	PASS
n77(3700-3980)	30	80	662666	1@1	CP_256QAM	15.93	PASS
n77(3700-3980)	30	80	662666	1@215	CP_256QAM	16.02	PASS



n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	22.33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	22.98	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	22.08	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	22.49	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	21.82	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	22.96	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	22.04	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	22.46	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	20.83	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	21.94	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	21.04	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	21.47	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	20.29	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	20.42	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	19.51	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	19.91	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	18.5	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	18.57	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	18.08	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	18.49	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	19.78	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	21.4	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	20.6	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	21.02	PASS



n77(3700-3980)	30	90	649668	245@0	CP_16QAM	19.77	PASS
n77(3700-3980)	30	90	649668	123@61	CP_16QAM	20.91	PASS
n77(3700-3980)	30	90	649668	1@1	CP_16QAM	19.84	PASS
n77(3700-3980)	30	90	649668	1@243	CP_16QAM	20.26	PASS
n77(3700-3980)	30	90	649668	245@0	CP_64QAM	19.24	PASS
n77(3700-3980)	30	90	649668	123@61	CP_64QAM	19.38	PASS
n77(3700-3980)	30	90	649668	1@1	CP_64QAM	19.02	PASS
n77(3700-3980)	30	90	649668	1@243	CP_64QAM	19.05	PASS
n77(3700-3980)	30	90	649668	245@0	CP_256QAM	16.46	PASS
n77(3700-3980)	30	90	649668	123@61	CP_256QAM	16.54	PASS
n77(3700-3980)	30	90	649668	1@1	CP_256QAM	16.06	PASS
n77(3700-3980)	30	90	649668	1@243	CP_256QAM	16.48	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	22.11	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	22.74	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	21.65	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	22.33	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	21.61	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	22.73	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	21.64	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	22.29	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	20.59	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	21.72	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	20.63	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	21.29	PASS



n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	20.08	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	20.21	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	19.11	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	19.8	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	18.28	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	18.34	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	17.64	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	18	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	19.54	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	21.23	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	20.18	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	20.82	PASS
n77(3700-3980)	30	90	656000	245@0	CP_16QAM	19.55	PASS
n77(3700-3980)	30	90	656000	123@61	CP_16QAM	20.71	PASS
n77(3700-3980)	30	90	656000	1@1	CP_16QAM	19.44	PASS
n77(3700-3980)	30	90	656000	1@243	CP_16QAM	20.1	PASS
n77(3700-3980)	30	90	656000	245@0	CP_64QAM	19.02	PASS
n77(3700-3980)	30	90	656000	123@61	CP_64QAM	19.22	PASS
n77(3700-3980)	30	90	656000	1@1	CP_64QAM	18.28	PASS
n77(3700-3980)	30	90	656000	1@243	CP_64QAM	18.97	PASS
n77(3700-3980)	30	90	656000	245@0	CP_256QAM	16.21	PASS
n77(3700-3980)	30	90	656000	123@61	CP_256QAM	16.34	PASS
n77(3700-3980)	30	90	656000	1@1	CP_256QAM	15.67	PASS
n77(3700-3980)	30	90	656000	1@243	CP_256QAM	16.35	PASS



n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	22.08	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	22.74	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	21.86	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	21.97	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	21.56	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	22.74	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	21.82	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	21.95	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	20.58	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	21.72	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	20.81	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	20.91	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	20.05	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	20.23	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	19.31	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	19.42	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	18.07	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	18.19	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	17.52	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	17.65	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	19.51	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	21.21	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	20.34	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	20.57	PASS



n77(3700-3980)	30	90	662332	245@0	CP_16QAM	19.52	PASS
n77(3700-3980)	30	90	662332	123@61	CP_16QAM	20.72	PASS
n77(3700-3980)	30	90	662332	1@1	CP_16QAM	19.66	PASS
n77(3700-3980)	30	90	662332	1@243	CP_16QAM	19.86	PASS
n77(3700-3980)	30	90	662332	245@0	CP_64QAM	19	PASS
n77(3700-3980)	30	90	662332	123@61	CP_64QAM	19.24	PASS
n77(3700-3980)	30	90	662332	1@1	CP_64QAM	18.47	PASS
n77(3700-3980)	30	90	662332	1@243	CP_64QAM	18.69	PASS
n77(3700-3980)	30	90	662332	245@0	CP_256QAM	16.21	PASS
n77(3700-3980)	30	90	662332	123@61	CP_256QAM	16.41	PASS
n77(3700-3980)	30	90	662332	1@1	CP_256QAM	15.84	PASS
n77(3700-3980)	30	90	662332	1@243	CP_256QAM	16.02	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	22.42	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	23.06	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	22.05	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	22.42	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	21.91	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	23.06	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	22.03	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	22.37	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	20.89	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	22.05	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	21.01	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	21.38	PASS



n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	20.4	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	20.54	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	19.48	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	19.85	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	18.6	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	18.69	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	17.78	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	18.12	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	19.83	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	21.51	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	20.46	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	20.82	PASS
n77(3700-3980)	30	100	650000	273@0	CP_16QAM	19.87	PASS
n77(3700-3980)	30	100	650000	137@68	CP_16QAM	21	PASS
n77(3700-3980)	30	100	650000	1@1	CP_16QAM	20.03	PASS
n77(3700-3980)	30	100	650000	1@271	CP_16QAM	20.4	PASS
n77(3700-3980)	30	100	650000	273@0	CP_64QAM	19.34	PASS
n77(3700-3980)	30	100	650000	137@68	CP_64QAM	19.52	PASS
n77(3700-3980)	30	100	650000	1@1	CP_64QAM	19.15	PASS
n77(3700-3980)	30	100	650000	1@271	CP_64QAM	19.1	PASS
n77(3700-3980)	30	100	650000	273@0	CP_256QAM	16.54	PASS
n77(3700-3980)	30	100	650000	137@68	CP_256QAM	16.65	PASS
n77(3700-3980)	30	100	650000	1@1	CP_256QAM	15.8	PASS
n77(3700-3980)	30	100	650000	1@271	CP_256QAM	16.45	PASS



n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	22.09	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	22.73	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	21.5	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	22.18	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	21.55	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	22.73	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	21.47	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	22.14	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	20.55	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	21.72	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	20.45	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	21.08	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	20.05	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	20.24	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	18.87	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	19.56	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	18.24	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	18.36	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	17.57	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	17.83	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	19.48	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	21.2	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	20.05	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	20.7	PASS



n77(3700-3980)	30	100	656000	273@0	CP_16QAM	19.51	PASS
n77(3700-3980)	30	100	656000	137@68	CP_16QAM	20.66	PASS
n77(3700-3980)	30	100	656000	1@1	CP_16QAM	19.29	PASS
n77(3700-3980)	30	100	656000	1@271	CP_16QAM	19.96	PASS
n77(3700-3980)	30	100	656000	273@0	CP_64QAM	18.98	PASS
n77(3700-3980)	30	100	656000	137@68	CP_64QAM	19.2	PASS
n77(3700-3980)	30	100	656000	1@1	CP_64QAM	18.21	PASS
n77(3700-3980)	30	100	656000	1@271	CP_64QAM	18.91	PASS
n77(3700-3980)	30	100	656000	273@0	CP_256QAM	16.15	PASS
n77(3700-3980)	30	100	656000	137@68	CP_256QAM	16.32	PASS
n77(3700-3980)	30	100	656000	1@1	CP_256QAM	15.54	PASS
n77(3700-3980)	30	100	656000	1@271	CP_256QAM	16.25	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	22.15	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	22.82	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	21.72	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	21.94	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	21.63	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	22.81	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	21.68	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	21.91	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	20.64	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	21.81	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	20.64	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	20.84	PASS



n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	20.12	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	20.33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	19.2	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	19.41	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	18.07	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	18.27	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	17.37	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	17.56	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	19.57	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	21.26	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	20.22	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	20.44	PASS
n77(3700-3980)	30	100	662000	273@0	CP_16QAM	19.58	PASS
n77(3700-3980)	30	100	662000	137@68	CP_16QAM	20.73	PASS
n77(3700-3980)	30	100	662000	1@1	CP_16QAM	19.53	PASS
n77(3700-3980)	30	100	662000	1@271	CP_16QAM	19.75	PASS
n77(3700-3980)	30	100	662000	273@0	CP_64QAM	19.05	PASS
n77(3700-3980)	30	100	662000	137@68	CP_64QAM	19.27	PASS
n77(3700-3980)	30	100	662000	1@1	CP_64QAM	18.36	PASS
n77(3700-3980)	30	100	662000	1@271	CP_64QAM	18.57	PASS
n77(3700-3980)	30	100	662000	273@0	CP_256QAM	16.26	PASS
n77(3700-3980)	30	100	662000	137@68	CP_256QAM	16.38	PASS
n77(3700-3980)	30	100	662000	1@1	CP_256QAM	15.74	PASS
n77(3700-3980)	30	100	662000	1@271	CP_256QAM	15.97	PASS



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Verdict
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	22.45	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	22.98	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	22.87	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	22.88	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	21.94	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	22.95	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	22.84	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	22.88	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	20.95	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	21.95	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	21.82	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	21.84	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.44	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	20.39	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.33	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	20.33	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	18.59	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	18.6	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	18.64	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	18.68	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	20.03	PASS
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	21.43	PASS
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	21.36	PASS
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	21.37	PASS



n78(3450-3550)	30	10	630334	24@0	CP_16QAM	20.06	PASS
n78(3450-3550)	30	10	630334	12@6	CP_16QAM	20.95	PASS
n78(3450-3550)	30	10	630334	1@1	CP_16QAM	20.64	PASS
n78(3450-3550)	30	10	630334	1@22	CP_16QAM	20.66	PASS
n78(3450-3550)	30	10	630334	24@0	CP_64QAM	19.56	PASS
n78(3450-3550)	30	10	630334	12@6	CP_64QAM	19.54	PASS
n78(3450-3550)	30	10	630334	1@1	CP_64QAM	19.56	PASS
n78(3450-3550)	30	10	630334	1@22	CP_64QAM	19.56	PASS
n78(3450-3550)	30	10	630334	24@0	CP_256QAM	16.57	PASS
n78(3450-3550)	30	10	630334	12@6	CP_256QAM	16.56	PASS
n78(3450-3550)	30	10	630334	1@1	CP_256QAM	16.59	PASS
n78(3450-3550)	30	10	630334	1@22	CP_256QAM	16.58	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	22.39	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	22.96	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	22.82	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	22.88	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	21.89	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	22.93	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	22.78	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	22.87	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	20.9	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	21.95	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	21.71	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	21.81	PASS



n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	20.4	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	20.36	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.19	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	20.28	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	18.71	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	18.51	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	18.26	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	18.34	PASS
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	20.04	PASS
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	21.45	PASS
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	21.26	PASS
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	21.36	PASS
n78(3450-3550)	30	10	633334	24@0	CP_16QAM	19.99	PASS
n78(3450-3550)	30	10	633334	12@6	CP_16QAM	20.89	PASS
n78(3450-3550)	30	10	633334	1@1	CP_16QAM	20.76	PASS
n78(3450-3550)	30	10	633334	1@22	CP_16QAM	20.8	PASS
n78(3450-3550)	30	10	633334	24@0	CP_64QAM	19.55	PASS
n78(3450-3550)	30	10	633334	12@6	CP_64QAM	19.54	PASS
n78(3450-3550)	30	10	633334	1@1	CP_64QAM	19.66	PASS
n78(3450-3550)	30	10	633334	1@22	CP_64QAM	19.73	PASS
n78(3450-3550)	30	10	633334	24@0	CP_256QAM	16.54	PASS
n78(3450-3550)	30	10	633334	12@6	CP_256QAM	16.53	PASS
n78(3450-3550)	30	10	633334	1@1	CP_256QAM	16.57	PASS
n78(3450-3550)	30	10	633334	1@22	CP_256QAM	16.66	PASS



n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	22.81	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	23.35	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	23.29	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	23.26	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	22.37	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	23.34	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	23.25	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	23.26	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	21.34	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	22.34	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	22.21	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	22.19	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	20.81	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	20.78	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	20.76	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	20.74	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	19.01	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	18.98	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	19.12	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	19.11	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	20.26	PASS
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	21.79	PASS
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	21.77	PASS
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	21.74	PASS



n78(3450-3550)	30	10	636332	24@0	CP_16QAM	20.31	PASS
n78(3450-3550)	30	10	636332	12@6	CP_16QAM	21.34	PASS
n78(3450-3550)	30	10	636332	1@1	CP_16QAM	21.05	PASS
n78(3450-3550)	30	10	636332	1@22	CP_16QAM	21.06	PASS
n78(3450-3550)	30	10	636332	24@0	CP_64QAM	19.97	PASS
n78(3450-3550)	30	10	636332	12@6	CP_64QAM	19.9	PASS
n78(3450-3550)	30	10	636332	1@1	CP_64QAM	19.99	PASS
n78(3450-3550)	30	10	636332	1@22	CP_64QAM	19.97	PASS
n78(3450-3550)	30	10	636332	24@0	CP_256QAM	16.96	PASS
n78(3450-3550)	30	10	636332	12@6	CP_256QAM	16.97	PASS
n78(3450-3550)	30	10	636332	1@1	CP_256QAM	17.02	PASS
n78(3450-3550)	30	10	636332	1@22	CP_256QAM	16.99	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	22.45	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	22.99	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	22.86	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	22.89	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	21.97	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	22.98	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	22.84	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	22.88	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	20.96	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	22	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	21.82	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	21.87	PASS



n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	20.46	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	20.47	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.33	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	20.37	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	18.61	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	18.61	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	18.64	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	18.73	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	20.08	PASS
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	21.44	PASS
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	21.36	PASS
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	21.43	PASS
n78(3450-3550)	30	15	630500	38@0	CP_16QAM	20.09	PASS
n78(3450-3550)	30	15	630500	19@9	CP_16QAM	20.97	PASS
n78(3450-3550)	30	15	630500	1@1	CP_16QAM	20.62	PASS
n78(3450-3550)	30	15	630500	1@36	CP_16QAM	20.69	PASS
n78(3450-3550)	30	15	630500	38@0	CP_64QAM	19.59	PASS
n78(3450-3550)	30	15	630500	19@9	CP_64QAM	19.59	PASS
n78(3450-3550)	30	15	630500	1@1	CP_64QAM	19.61	PASS
n78(3450-3550)	30	15	630500	1@36	CP_64QAM	19.69	PASS
n78(3450-3550)	30	15	630500	38@0	CP_256QAM	16.51	PASS
n78(3450-3550)	30	15	630500	19@9	CP_256QAM	16.56	PASS
n78(3450-3550)	30	15	630500	1@1	CP_256QAM	16.64	PASS
n78(3450-3550)	30	15	630500	1@36	CP_256QAM	16.69	PASS



n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	22.41	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	22.99	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	22.76	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	22.85	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	21.92	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	22.99	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	22.77	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	22.83	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	20.89	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	22	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	21.73	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	21.86	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	20.41	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	20.45	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	20.25	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	20.33	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	18.54	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	18.61	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	18.55	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	18.65	PASS
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	20.05	PASS
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	21.45	PASS
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	21.3	PASS
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	21.4	PASS



n78(3450-3550)	30	15	633334	38@0	CP_16QAM	20.05	PASS
n78(3450-3550)	30	15	633334	19@9	CP_16QAM	20.96	PASS
n78(3450-3550)	30	15	633334	1@1	CP_16QAM	20.57	PASS
n78(3450-3550)	30	15	633334	1@36	CP_16QAM	20.69	PASS
n78(3450-3550)	30	15	633334	38@0	CP_64QAM	19.56	PASS
n78(3450-3550)	30	15	633334	19@9	CP_64QAM	19.59	PASS
n78(3450-3550)	30	15	633334	1@1	CP_64QAM	19.55	PASS
n78(3450-3550)	30	15	633334	1@36	CP_64QAM	19.62	PASS
n78(3450-3550)	30	15	633334	38@0	CP_256QAM	16.48	PASS
n78(3450-3550)	30	15	633334	19@9	CP_256QAM	16.56	PASS
n78(3450-3550)	30	15	633334	1@1	CP_256QAM	16.55	PASS
n78(3450-3550)	30	15	633334	1@36	CP_256QAM	16.65	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	22.84	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	23.36	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	23.26	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	23.23	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	22.33	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	23.36	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	23.24	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	23.2	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	21.31	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	22.39	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	22.23	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	22.21	PASS



n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	20.84	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	20.82	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	20.72	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	20.7	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	18.96	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	18.98	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	19.02	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	19.04	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	20.32	PASS
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	21.83	PASS
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	21.79	PASS
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	21.74	PASS
n78(3450-3550)	30	15	636166	38@0	CP_16QAM	20.31	PASS
n78(3450-3550)	30	15	636166	19@9	CP_16QAM	21.35	PASS
n78(3450-3550)	30	15	636166	1@1	CP_16QAM	21.02	PASS
n78(3450-3550)	30	15	636166	1@36	CP_16QAM	20.99	PASS
n78(3450-3550)	30	15	636166	38@0	CP_64QAM	19.96	PASS
n78(3450-3550)	30	15	636166	19@9	CP_64QAM	19.96	PASS
n78(3450-3550)	30	15	636166	1@1	CP_64QAM	20.03	PASS
n78(3450-3550)	30	15	636166	1@36	CP_64QAM	19.97	PASS
n78(3450-3550)	30	15	636166	38@0	CP_256QAM	16.91	PASS
n78(3450-3550)	30	15	636166	19@9	CP_256QAM	16.96	PASS
n78(3450-3550)	30	15	636166	1@1	CP_256QAM	17.06	PASS
n78(3450-3550)	30	15	636166	1@36	CP_256QAM	17.04	PASS