



3550)							
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	20.77	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	19.54	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	19.58	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	19.56	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	19.5	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	17.52	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	17.6	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	17.57	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	17.48	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	19.07	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	20.56	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	20.57	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	20.45	PASS
n77(3450-3550)	30	20	636000	51@0	CP_16QAM	19.04	PASS
n77(3450-3550)	30	20	636000	25@12	CP_16QAM	20.16	PASS
n77(3450-3550)	30	20	636000	1@1	CP_16QAM	20.17	PASS
n77(3450-3550)	30	20	636000	1@49	CP_16QAM	20.02	PASS
n77(3450-3550)	30	20	636000	51@0	CP_64QAM	18.61	PASS
n77(3450-3550)	30	20	636000	25@12	CP_64QAM	18.66	PASS
n77(3450-3550)	30	20	636000	1@1	CP_64QAM	18.4	PASS
n77(3450-3550)	30	20	636000	1@49	CP_64QAM	18.24	PASS
n77(3450-3550)	30	20	636000	51@0	CP_256QAM	15.64	PASS
n77(3450-3550)	30	20	636000	25@12	CP_256QAM	15.68	PASS
n77(3450-3550)	30	20	636000	1@1	CP_256QAM	15.72	PASS
n77(3450-3550)	30	20	636000	1@49	CP_256QAM	15.61	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	21.52	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	22.01	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	21.98	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	21.95	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	21.03	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	21.95	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	22	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	21.97	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	20	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	20.96	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	20.84	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	20.77	PASS



n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	19.48	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	19.48	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	19.48	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	19.46	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	17.49	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	17.48	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	17.5	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	17.45	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	18.96	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	20.49	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	20.5	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	20.48	PASS
n77(3450-3550)	30	40	631334	106@0	CP_16QAM	19.01	PASS
n77(3450-3550)	30	40	631334	53@26	CP_16QAM	19.99	PASS
n77(3450-3550)	30	40	631334	1@1	CP_16QAM	20.05	PASS
n77(3450-3550)	30	40	631334	1@104	CP_16QAM	20.04	PASS
n77(3450-3550)	30	40	631334	106@0	CP_64QAM	18.51	PASS
n77(3450-3550)	30	40	631334	53@26	CP_64QAM	18.54	PASS
n77(3450-3550)	30	40	631334	1@1	CP_64QAM	18.27	PASS
n77(3450-3550)	30	40	631334	1@104	CP_64QAM	18.25	PASS
n77(3450-3550)	30	40	631334	106@0	CP_256QAM	15.49	PASS
n77(3450-3550)	30	40	631334	53@26	CP_256QAM	15.53	PASS
n77(3450-3550)	30	40	631334	1@1	CP_256QAM	15.62	PASS
n77(3450-3550)	30	40	631334	1@104	CP_256QAM	15.59	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	21.38	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	21.93	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	21.85	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	21.75	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	20.9	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	21.91	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	21.9	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	21.83	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	19.88	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	20.88	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	20.67	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	20.6	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	19.37	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	19.41	PASS



3550)							
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	19.44	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.37	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	17.39	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	17.4	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	17.4	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	17.33	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	18.85	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	20.4	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	20.43	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	20.38	PASS
n77(3450-3550)	30	40	633334	106@0	CP_16QAM	18.89	PASS
n77(3450-3550)	30	40	633334	53@26	CP_16QAM	19.84	PASS
n77(3450-3550)	30	40	633334	1@1	CP_16QAM	19.96	PASS
n77(3450-3550)	30	40	633334	1@104	CP_16QAM	19.91	PASS
n77(3450-3550)	30	40	633334	106@0	CP_64QAM	18.39	PASS
n77(3450-3550)	30	40	633334	53@26	CP_64QAM	18.43	PASS
n77(3450-3550)	30	40	633334	1@1	CP_64QAM	18.19	PASS
n77(3450-3550)	30	40	633334	1@104	CP_64QAM	18.09	PASS
n77(3450-3550)	30	40	633334	106@0	CP_256QAM	15.38	PASS
n77(3450-3550)	30	40	633334	53@26	CP_256QAM	15.4	PASS
n77(3450-3550)	30	40	633334	1@1	CP_256QAM	15.53	PASS
n77(3450-3550)	30	40	633334	1@104	CP_256QAM	15.44	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	21.4	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	21.91	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	21.89	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	21.7	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	20.88	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	21.89	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	21.93	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	21.78	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	19.88	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	20.88	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	20.73	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	20.55	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	19.38	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	19.41	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	19.42	PASS



n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	19.22	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	17.4	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	17.37	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	17.46	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	17.27	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	18.85	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	20.37	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	20.46	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	20.26	PASS
n77(3450-3550)	30	40	635332	106@0	CP_16QAM	19.4	PASS
n77(3450-3550)	30	40	635332	53@26	CP_16QAM	19.86	PASS
n77(3450-3550)	30	40	635332	1@1	CP_16QAM	19.93	PASS
n77(3450-3550)	30	40	635332	1@104	CP_16QAM	19.7	PASS
n77(3450-3550)	30	40	635332	106@0	CP_64QAM	18.39	PASS
n77(3450-3550)	30	40	635332	53@26	CP_64QAM	18.41	PASS
n77(3450-3550)	30	40	635332	1@1	CP_64QAM	18.2	PASS
n77(3450-3550)	30	40	635332	1@104	CP_64QAM	15.3	PASS
n77(3450-3550)	30	40	635332	106@0	CP_256QAM	15.42	PASS
n77(3450-3550)	30	40	635332	53@26	CP_256QAM	15.42	PASS
n77(3450-3550)	30	40	635332	1@1	CP_256QAM	15.55	PASS
n77(3450-3550)	30	40	635332	1@104	CP_256QAM	15.37	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	21.52	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	22	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	21.86	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	21.86	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	21.01	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	21.99	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	21.94	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	21.89	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	20.03	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	20.93	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	20.73	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	20.72	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	19.49	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	19.48	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	19.4	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	19.38	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	17.52	PASS



3550)							
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	17.51	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	17.48	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	17.42	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	18.99	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	20.47	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	20.43	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	20.36	PASS
n77(3450-3550)	30	50	631668	133@0	CP_16QAM	19.8	PASS
n77(3450-3550)	30	50	631668	67@33	CP_16QAM	20	PASS
n77(3450-3550)	30	50	631668	1@1	CP_16QAM	19.94	PASS
n77(3450-3550)	30	50	631668	1@131	CP_16QAM	19.85	PASS
n77(3450-3550)	30	50	631668	133@0	CP_64QAM	18.47	PASS
n77(3450-3550)	30	50	631668	67@33	CP_64QAM	18.49	PASS
n77(3450-3550)	30	50	631668	1@1	CP_64QAM	18.22	PASS
n77(3450-3550)	30	50	631668	1@131	CP_64QAM	18.14	PASS
n77(3450-3550)	30	50	631668	133@0	CP_256QAM	15.51	PASS
n77(3450-3550)	30	50	631668	67@33	CP_256QAM	15.52	PASS
n77(3450-3550)	30	50	631668	1@1	CP_256QAM	15.57	PASS
n77(3450-3550)	30	50	631668	1@131	CP_256QAM	15.3	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	21.42	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	21.9	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	21.83	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	21.73	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	20.9	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	21.91	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	21.88	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	21.79	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	19.92	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	20.84	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	20.65	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	20.55	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	19.42	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	19.41	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	19.36	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	19.25	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	17.46	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	17.4	PASS



n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	17.4	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	17.28	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	19.8	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	20.38	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	20.4	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	20.29	PASS
n77(3450-3550)	30	50	633334	133@0	CP_16QAM	18.87	PASS
n77(3450-3550)	30	50	633334	67@33	CP_16QAM	19.9	PASS
n77(3450-3550)	30	50	633334	1@1	CP_16QAM	19.9	PASS
n77(3450-3550)	30	50	633334	1@131	CP_16QAM	19.78	PASS
n77(3450-3550)	30	50	633334	133@0	CP_64QAM	18.38	PASS
n77(3450-3550)	30	50	633334	67@33	CP_64QAM	18.39	PASS
n77(3450-3550)	30	50	633334	1@1	CP_64QAM	18.15	PASS
n77(3450-3550)	30	50	633334	1@131	CP_64QAM	18.03	PASS
n77(3450-3550)	30	50	633334	133@0	CP_256QAM	15.45	PASS
n77(3450-3550)	30	50	633334	67@33	CP_256QAM	15.44	PASS
n77(3450-3550)	30	50	633334	1@1	CP_256QAM	15.49	PASS
n77(3450-3550)	30	50	633334	1@131	CP_256QAM	15.37	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	21.42	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	21.92	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	21.86	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	21.66	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	20.93	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	21.9	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	21.93	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	21.74	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	19.92	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	20.82	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	20.71	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	20.51	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	19.41	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	19.42	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	19.42	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	19.19	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	17.43	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	17.43	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	17.42	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	17.23	PASS



3550)							
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	19.6	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	20.35	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	20.42	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	20.24	PASS
n77(3450-3550)	30	50	635000	133@0	CP_16QAM	18.86	PASS
n77(3450-3550)	30	50	635000	67@33	CP_16QAM	19.88	PASS
n77(3450-3550)	30	50	635000	1@1	CP_16QAM	19.88	PASS
n77(3450-3550)	30	50	635000	1@131	CP_16QAM	19.65	PASS
n77(3450-3550)	30	50	635000	133@0	CP_64QAM	18.38	PASS
n77(3450-3550)	30	50	635000	67@33	CP_64QAM	18.39	PASS
n77(3450-3550)	30	50	635000	1@1	CP_64QAM	18.2	PASS
n77(3450-3550)	30	50	635000	1@131	CP_64QAM	18.5	PASS
n77(3450-3550)	30	50	635000	133@0	CP_256QAM	15.45	PASS
n77(3450-3550)	30	50	635000	67@33	CP_256QAM	15.42	PASS
n77(3450-3550)	30	50	635000	1@1	CP_256QAM	15.56	PASS
n77(3450-3550)	30	50	635000	1@131	CP_256QAM	15.38	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	21.48	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	21.99	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	21.91	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	21.82	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	20.97	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	21.98	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	21.93	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	21.85	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	19.98	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	20.97	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	20.74	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	20.64	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	19.46	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	19.54	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	19.47	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	19.42	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	17.49	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	17.48	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	17.43	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	17.33	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	18.98	PASS



n77(3450-3550)	30	60	632000	81@40	CP_QPSK	20.45	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	20.44	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	20.33	PASS
n77(3450-3550)	30	60	632000	162@0	CP_16QAM	19.6	PASS
n77(3450-3550)	30	60	632000	81@40	CP_16QAM	19.92	PASS
n77(3450-3550)	30	60	632000	1@1	CP_16QAM	19.94	PASS
n77(3450-3550)	30	60	632000	1@160	CP_16QAM	19.83	PASS
n77(3450-3550)	30	60	632000	162@0	CP_64QAM	18.44	PASS
n77(3450-3550)	30	60	632000	81@40	CP_64QAM	18.48	PASS
n77(3450-3550)	30	60	632000	1@1	CP_64QAM	18.22	PASS
n77(3450-3550)	30	60	632000	1@160	CP_64QAM	18.12	PASS
n77(3450-3550)	30	60	632000	162@0	CP_256QAM	15.47	PASS
n77(3450-3550)	30	60	632000	81@40	CP_256QAM	15.49	PASS
n77(3450-3550)	30	60	632000	1@1	CP_256QAM	15.49	PASS
n77(3450-3550)	30	60	632000	1@160	CP_256QAM	15.42	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	21.33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	21.89	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	21.78	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	21.69	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	20.85	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	21.86	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	21.86	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	21.74	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	19.82	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	20.85	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	20.63	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	20.51	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	19.34	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	19.43	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	19.41	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	19.24	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	17.37	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	17.36	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	17.3	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	17.2	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	19.8	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	20.31	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	20.34	PASS



3550)							
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	20.24	PASS
n77(3450-3550)	30	60	633334	162@0	CP_16QAM	18.81	PASS
n77(3450-3550)	30	60	633334	81@40	CP_16QAM	19.81	PASS
n77(3450-3550)	30	60	633334	1@1	CP_16QAM	19.83	PASS
n77(3450-3550)	30	60	633334	1@160	CP_16QAM	19.69	PASS
n77(3450-3550)	30	60	633334	162@0	CP_64QAM	18.33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_64QAM	18.37	PASS
n77(3450-3550)	30	60	633334	1@1	CP_64QAM	18.08	PASS
n77(3450-3550)	30	60	633334	1@160	CP_64QAM	17.99	PASS
n77(3450-3550)	30	60	633334	162@0	CP_256QAM	15.33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_256QAM	15.36	PASS
n77(3450-3550)	30	60	633334	1@1	CP_256QAM	15.43	PASS
n77(3450-3550)	30	60	633334	1@160	CP_256QAM	15.31	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	21.42	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	21.96	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	21.92	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	21.61	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	20.92	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	21.91	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	21.96	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	21.68	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	19.9	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	20.94	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	20.74	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	20.46	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	19.42	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	19.49	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	19.54	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	19.21	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	17.45	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	17.45	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	17.46	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	17.18	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	19.68	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	20.38	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	20.48	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	20.21	PASS



n77(3450-3550)	30	60	634666	162@0	CP_16QAM	18.89	PASS
n77(3450-3550)	30	60	634666	81@40	CP_16QAM	19.88	PASS
n77(3450-3550)	30	60	634666	1@1	CP_16QAM	19.97	PASS
n77(3450-3550)	30	60	634666	1@160	CP_16QAM	19.66	PASS
n77(3450-3550)	30	60	634666	162@0	CP_64QAM	18.38	PASS
n77(3450-3550)	30	60	634666	81@40	CP_64QAM	18.41	PASS
n77(3450-3550)	30	60	634666	1@1	CP_64QAM	18.23	PASS
n77(3450-3550)	30	60	634666	1@160	CP_64QAM	17.95	PASS
n77(3450-3550)	30	60	634666	162@0	CP_256QAM	15.43	PASS
n77(3450-3550)	30	60	634666	81@40	CP_256QAM	15.46	PASS
n77(3450-3550)	30	60	634666	1@1	CP_256QAM	15.54	PASS
n77(3450-3550)	30	60	634666	1@160	CP_256QAM	15.27	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	21.31	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	21.82	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	21.78	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	21.57	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	20.82	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	21.83	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	21.83	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	21.61	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	19.82	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	20.81	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	20.65	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	20.4	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	19.32	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	19.36	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	19.38	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	19.14	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	17.38	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	17.38	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	17.31	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	17.08	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	18.81	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	20.32	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	20.32	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	20.1	PASS
n77(3450-3550)	30	70	632334	189@0	CP_16QAM	19.35	PASS
n77(3450-3550)	30	70	632334	95@47	CP_16QAM	19.81	PASS



3550)							
n77(3450-3550)	30	70	632334	1@1	CP_16QAM	19.86	PASS
n77(3450-3550)	30	70	632334	1@187	CP_16QAM	19.55	PASS
n77(3450-3550)	30	70	632334	189@0	CP_64QAM	18.31	PASS
n77(3450-3550)	30	70	632334	95@47	CP_64QAM	18.32	PASS
n77(3450-3550)	30	70	632334	1@1	CP_64QAM	18.13	PASS
n77(3450-3550)	30	70	632334	1@187	CP_64QAM	17.88	PASS
n77(3450-3550)	30	70	632334	189@0	CP_256QAM	15.36	PASS
n77(3450-3550)	30	70	632334	95@47	CP_256QAM	15.4	PASS
n77(3450-3550)	30	70	632334	1@1	CP_256QAM	15.42	PASS
n77(3450-3550)	30	70	632334	1@187	CP_256QAM	15.2	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	21.32	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	21.83	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	21.78	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	21.6	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	20.84	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	21.82	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	21.81	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	21.62	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	19.83	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	20.82	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	20.66	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	20.45	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	19.32	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	19.37	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	19.29	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.09	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	17.36	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	17.39	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	17.3	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	17.12	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	18.82	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	20.33	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	20.39	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	20.17	PASS
n77(3450-3550)	30	70	633334	189@0	CP_16QAM	18.79	PASS
n77(3450-3550)	30	70	633334	95@47	CP_16QAM	19.81	PASS
n77(3450-3550)	30	70	633334	1@1	CP_16QAM	19.8	PASS



n77(3450-3550)	30	70	633334	1@187	CP_16QAM	19.54	PASS
n77(3450-3550)	30	70	633334	189@0	CP_64QAM	18.32	PASS
n77(3450-3550)	30	70	633334	95@47	CP_64QAM	18.56	PASS
n77(3450-3550)	30	70	633334	1@1	CP_64QAM	18.15	PASS
n77(3450-3550)	30	70	633334	1@187	CP_64QAM	18.12	PASS
n77(3450-3550)	30	70	633334	189@0	CP_256QAM	15.34	PASS
n77(3450-3550)	30	70	633334	95@47	CP_256QAM	15.38	PASS
n77(3450-3550)	30	70	633334	1@1	CP_256QAM	15.43	PASS
n77(3450-3550)	30	70	633334	1@187	CP_256QAM	15.24	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	21.44	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	21.97	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	21.89	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	21.61	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	20.91	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	21.97	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	21.95	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	21.63	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	19.94	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	20.97	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	20.8	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	20.45	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	19.42	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	19.49	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	19.44	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.16	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	17.45	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	17.54	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	17.44	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	17.14	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	18.93	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	20.45	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	20.48	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	20.19	PASS
n77(3450-3550)	30	70	634332	189@0	CP_16QAM	19.68	PASS
n77(3450-3550)	30	70	634332	95@47	CP_16QAM	19.93	PASS
n77(3450-3550)	30	70	634332	1@1	CP_16QAM	19.95	PASS
n77(3450-3550)	30	70	634332	1@187	CP_16QAM	19.69	PASS
n77(3450-3550)	30	70	634332	189@0	CP_64QAM	18.43	PASS



3550)							
n77(3450-3550)	30	70	634332	95@47	CP_64QAM	18.44	PASS
n77(3450-3550)	30	70	634332	1@1	CP_64QAM	18.25	PASS
n77(3450-3550)	30	70	634332	1@187	CP_64QAM	18.36	PASS
n77(3450-3550)	30	70	634332	189@0	CP_256QAM	15.48	PASS
n77(3450-3550)	30	70	634332	95@47	CP_256QAM	15.5	PASS
n77(3450-3550)	30	70	634332	1@1	CP_256QAM	15.55	PASS
n77(3450-3550)	30	70	634332	1@187	CP_256QAM	15.24	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	21.33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	21.88	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	21.86	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	21.6	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	20.85	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	21.87	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	21.89	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	21.63	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	19.82	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	20.88	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	20.67	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	20.45	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	19.34	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	19.4	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	19.43	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.2	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	17.38	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	17.42	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	17.38	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	17.13	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	18.84	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	20.36	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	20.39	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	20.13	PASS
n77(3450-3550)	30	80	632668	217@0	CP_16QAM	19.6	PASS
n77(3450-3550)	30	80	632668	109@54	CP_16QAM	19.85	PASS
n77(3450-3550)	30	80	632668	1@1	CP_16QAM	19.93	PASS
n77(3450-3550)	30	80	632668	1@215	CP_16QAM	19.65	PASS
n77(3450-3550)	30	80	632668	217@0	CP_64QAM	18.38	PASS
n77(3450-3550)	30	80	632668	109@54	CP_64QAM	18.37	PASS



n77(3450-3550)	30	80	632668	1@1	CP_64QAM	18.17	PASS
n77(3450-3550)	30	80	632668	1@215	CP_64QAM	17.9	PASS
n77(3450-3550)	30	80	632668	217@0	CP_256QAM	15.36	PASS
n77(3450-3550)	30	80	632668	109@54	CP_256QAM	15.33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_256QAM	15.14	PASS
n77(3450-3550)	30	80	632668	1@215	CP_256QAM	15.26	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	21.35	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	21.87	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	21.82	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	21.64	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	20.83	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	21.86	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	21.89	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	21.65	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	19.82	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	20.84	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	20.69	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	20.45	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	19.32	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	19.38	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	19.39	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.17	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	17.37	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	17.38	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	17.35	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	17.08	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	18.81	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	20.33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	20.39	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	20.11	PASS
n77(3450-3550)	30	80	633334	217@0	CP_16QAM	18.78	PASS
n77(3450-3550)	30	80	633334	109@54	CP_16QAM	19.82	PASS
n77(3450-3550)	30	80	633334	1@1	CP_16QAM	19.89	PASS
n77(3450-3550)	30	80	633334	1@215	CP_16QAM	19.63	PASS
n77(3450-3550)	30	80	633334	217@0	CP_64QAM	18.3	PASS
n77(3450-3550)	30	80	633334	109@54	CP_64QAM	18.35	PASS
n77(3450-3550)	30	80	633334	1@1	CP_64QAM	18.18	PASS
n77(3450-3550)	30	80	633334	1@215	CP_64QAM	17.88	PASS



3550)							
n77(3450-3550)	30	80	633334	217@0	CP_256QAM	15.38	PASS
n77(3450-3550)	30	80	633334	109@54	CP_256QAM	15.29	PASS
n77(3450-3550)	30	80	633334	1@1	CP_256QAM	15.46	PASS
n77(3450-3550)	30	80	633334	1@215	CP_256QAM	15.24	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	21.41	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	21.97	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	21.91	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	21.59	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	20.92	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	21.94	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	21.94	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	21.68	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	19.9	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	20.95	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	20.76	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	20.47	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	19.42	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	19.48	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	19.44	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.09	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	17.45	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	17.4	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	17.42	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	17.1	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	18.89	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	20.42	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	20.44	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	20.14	PASS
n77(3450-3550)	30	80	634000	217@0	CP_16QAM	18.88	PASS
n77(3450-3550)	30	80	634000	109@54	CP_16QAM	19.91	PASS
n77(3450-3550)	30	80	634000	1@1	CP_16QAM	19.96	PASS
n77(3450-3550)	30	80	634000	1@215	CP_16QAM	19.67	PASS
n77(3450-3550)	30	80	634000	217@0	CP_64QAM	18.44	PASS
n77(3450-3550)	30	80	634000	109@54	CP_64QAM	18.43	PASS
n77(3450-3550)	30	80	634000	1@1	CP_64QAM	18.21	PASS
n77(3450-3550)	30	80	634000	1@215	CP_64QAM	17.93	PASS
n77(3450-3550)	30	80	634000	217@0	CP_256QAM	15.46	PASS



n77(3450-3550)	30	80	634000	109@54	CP_256QAM	15.52	PASS
n77(3450-3550)	30	80	634000	1@1	CP_256QAM	15.36	PASS
n77(3450-3550)	30	80	634000	1@215	CP_256QAM	15.25	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	21.34	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	21.84	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	21.79	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	21.56	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	20.85	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	21.84	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	21.83	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	21.58	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	19.84	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	20.83	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	20.63	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	20.35	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	19.35	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	19.37	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	19.28	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	19	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	17.36	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	17.37	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	17.31	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	17.03	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	20.1	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	20.27	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	20.29	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	20.03	PASS
n77(3450-3550)	30	90	633000	245@0	CP_16QAM	18.78	PASS
n77(3450-3550)	30	90	633000	123@61	CP_16QAM	19.77	PASS
n77(3450-3550)	30	90	633000	1@1	CP_16QAM	19.78	PASS
n77(3450-3550)	30	90	633000	1@243	CP_16QAM	19.48	PASS
n77(3450-3550)	30	90	633000	245@0	CP_64QAM	18.29	PASS
n77(3450-3550)	30	90	633000	123@61	CP_64QAM	18.33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_64QAM	18.05	PASS
n77(3450-3550)	30	90	633000	1@243	CP_64QAM	17.79	PASS
n77(3450-3550)	30	90	633000	245@0	CP_256QAM	15.33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_256QAM	15.34	PASS
n77(3450-3550)	30	90	633000	1@1	CP_256QAM	15.39	PASS



3550)							
n77(3450-3550)	30	90	633000	1@243	CP_256QAM	15.13	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	21.33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	21.88	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	21.79	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	21.5	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	20.83	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	21.87	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	21.82	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	21.53	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	19.82	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	20.84	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	20.64	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	20.33	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	19.33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	19.37	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	19.35	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.07	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	17.35	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	17.42	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	17.31	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	16.99	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	20.13	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	20.3	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	20.38	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	20.01	PASS
n77(3450-3550)	30	90	633334	245@0	CP_16QAM	18.75	PASS
n77(3450-3550)	30	90	633334	123@61	CP_16QAM	19.79	PASS
n77(3450-3550)	30	90	633334	1@1	CP_16QAM	19.78	PASS
n77(3450-3550)	30	90	633334	1@243	CP_16QAM	19.45	PASS
n77(3450-3550)	30	90	633334	245@0	CP_64QAM	18.29	PASS
n77(3450-3550)	30	90	633334	123@61	CP_64QAM	18.32	PASS
n77(3450-3550)	30	90	633334	1@1	CP_64QAM	18.12	PASS
n77(3450-3550)	30	90	633334	1@243	CP_64QAM	17.83	PASS
n77(3450-3550)	30	90	633334	245@0	CP_256QAM	15.34	PASS
n77(3450-3550)	30	90	633334	123@61	CP_256QAM	15.37	PASS
n77(3450-3550)	30	90	633334	1@1	CP_256QAM	15.44	PASS
n77(3450-3550)	30	90	633334	1@243	CP_256QAM	15.11	PASS



n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	21.46	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	22.03	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	21.96	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	21.6	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	20.96	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	22	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	21.99	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	21.62	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	19.97	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	20.98	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	20.83	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	20.42	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	19.46	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	19.52	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	19.48	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.1	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	17.49	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	17.53	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	17.52	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	17.12	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	18.91	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	20.43	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	20.49	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	20.19	PASS
n77(3450-3550)	30	90	633666	245@0	CP_16QAM	19.8	PASS
n77(3450-3550)	30	90	633666	123@61	CP_16QAM	19.94	PASS
n77(3450-3550)	30	90	633666	1@1	CP_16QAM	20.02	PASS
n77(3450-3550)	30	90	633666	1@243	CP_16QAM	19.58	PASS
n77(3450-3550)	30	90	633666	245@0	CP_64QAM	18.43	PASS
n77(3450-3550)	30	90	633666	123@61	CP_64QAM	18.46	PASS
n77(3450-3550)	30	90	633666	1@1	CP_64QAM	18.29	PASS
n77(3450-3550)	30	90	633666	1@243	CP_64QAM	17.97	PASS
n77(3450-3550)	30	90	633666	245@0	CP_256QAM	15.48	PASS
n77(3450-3550)	30	90	633666	123@61	CP_256QAM	15.52	PASS
n77(3450-3550)	30	90	633666	1@1	CP_256QAM	15.61	PASS
n77(3450-3550)	30	90	633666	1@243	CP_256QAM	15.28	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	21.28	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	21.86	PASS



3550)							
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	21.83	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	21.43	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	20.79	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	21.86	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	21.85	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	21.47	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	19.79	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	20.86	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	20.64	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	20.27	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	19.31	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	19.38	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	19.32	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	18.95	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	17.31	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	17.5	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	17.34	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	16.95	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	18.76	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	20.3	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	20.35	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	19.98	PASS
n77(3450-3550)	30	100	633334	273@0	CP_16QAM	18.75	PASS
n77(3450-3550)	30	100	633334	137@68	CP_16QAM	19.8	PASS
n77(3450-3550)	30	100	633334	1@1	CP_16QAM	19.74	PASS
n77(3450-3550)	30	100	633334	1@271	CP_16QAM	19.39	PASS
n77(3450-3550)	30	100	633334	273@0	CP_64QAM	18.29	PASS
n77(3450-3550)	30	100	633334	137@68	CP_64QAM	18.33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_64QAM	18.12	PASS
n77(3450-3550)	30	100	633334	1@271	CP_64QAM	17.72	PASS
n77(3450-3550)	30	100	633334	273@0	CP_256QAM	15.33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_256QAM	15.4	PASS
n77(3450-3550)	30	100	633334	1@1	CP_256QAM	15.44	PASS
n77(3450-3550)	30	100	633334	1@271	CP_256QAM	15.04	PASS



SA N77(3700-3980)

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	21.11	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	21.6	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	21.54	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	21.61	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	20.59	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	21.57	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	21.62	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	21.65	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	19.62	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	20.67	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	20.58	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	20.6	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	19.26	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	19.22	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	19.14	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	19.17	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	17.05	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	17.34	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	17.1	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	17.11	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	18.6	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	20.06	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	20.17	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	20.25	PASS
n77(3700-3980)	30	10	647000	24@0	CP_16QAM	18.57	PASS
n77(3700-3980)	30	10	647000	12@6	CP_16QAM	19.79	PASS
n77(3700-3980)	30	10	647000	1@1	CP_16QAM	19.7	PASS
n77(3700-3980)	30	10	647000	1@22	CP_16QAM	19.7	PASS
n77(3700-3980)	30	10	647000	24@0	CP_64QAM	18.16	PASS
n77(3700-3980)	30	10	647000	12@6	CP_64QAM	18.14	PASS
n77(3700-3980)	30	10	647000	1@1	CP_64QAM	17.88	PASS
n77(3700-3980)	30	10	647000	1@22	CP_64QAM	17.97	PASS
n77(3700-3980)	30	10	647000	24@0	CP_256QAM	15.04	PASS
n77(3700-3980)	30	10	647000	12@6	CP_256QAM	15.32	PASS
n77(3700-3980)	30	10	647000	1@1	CP_256QAM	15.17	PASS
n77(3700-3980)	30	10	647000	1@22	CP_256QAM	15.25	PASS



n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	21.45	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	21.98	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	21.86	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	21.93	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	20.94	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	21.95	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	21.97	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	22.04	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	20.02	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	20.94	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	20.76	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	20.83	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	19.45	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	19.53	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	19.38	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	19.48	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	17.41	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	17.59	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	17.31	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	17.41	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	18.94	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	20.48	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	20.48	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	20.51	PASS
n77(3700-3980)	30	10	656000	24@0	CP_16QAM	18.86	PASS
n77(3700-3980)	30	10	656000	12@6	CP_16QAM	20.07	PASS
n77(3700-3980)	30	10	656000	1@1	CP_16QAM	20.01	PASS
n77(3700-3980)	30	10	656000	1@22	CP_16QAM	20.06	PASS
n77(3700-3980)	30	10	656000	24@0	CP_64QAM	18.43	PASS
n77(3700-3980)	30	10	656000	12@6	CP_64QAM	18.6	PASS
n77(3700-3980)	30	10	656000	1@1	CP_64QAM	18.19	PASS
n77(3700-3980)	30	10	656000	1@22	CP_64QAM	18.25	PASS
n77(3700-3980)	30	10	656000	24@0	CP_256QAM	15.45	PASS
n77(3700-3980)	30	10	656000	12@6	CP_256QAM	15.5	PASS
n77(3700-3980)	30	10	656000	1@1	CP_256QAM	15.49	PASS
n77(3700-3980)	30	10	656000	1@22	CP_256QAM	15.53	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	21.6	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	22.09	PASS



3980)							
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	22.07	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	22.07	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	21.07	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	22.08	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	22.11	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	22.12	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	20.06	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	21.11	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	20.88	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	20.98	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	19.61	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	19.63	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	19.55	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	19.56	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	17.58	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	17.77	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	17.47	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	17.54	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	19.07	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	20.45	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	20.6	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	20.59	PASS
n77(3700-3980)	30	10	665000	24@0	CP_16QAM	19.01	PASS
n77(3700-3980)	30	10	665000	12@6	CP_16QAM	20.25	PASS
n77(3700-3980)	30	10	665000	1@1	CP_16QAM	20.3	PASS
n77(3700-3980)	30	10	665000	1@22	CP_16QAM	20.19	PASS
n77(3700-3980)	30	10	665000	24@0	CP_64QAM	18.64	PASS
n77(3700-3980)	30	10	665000	12@6	CP_64QAM	18.71	PASS
n77(3700-3980)	30	10	665000	1@1	CP_64QAM	18.34	PASS
n77(3700-3980)	30	10	665000	1@22	CP_64QAM	18.33	PASS
n77(3700-3980)	30	10	665000	24@0	CP_256QAM	15.56	PASS
n77(3700-3980)	30	10	665000	12@6	CP_256QAM	15.65	PASS
n77(3700-3980)	30	10	665000	1@1	CP_256QAM	15.62	PASS
n77(3700-3980)	30	10	665000	1@22	CP_256QAM	15.65	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	21.32	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	21.87	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	21.71	PASS



n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	21.81	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	20.79	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	21.9	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	21.78	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	21.85	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	19.84	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	20.81	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	20.53	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	20.56	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	19.28	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	19.41	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	19.21	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	19.29	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	17.24	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	17.31	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	17.22	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	17.3	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	18.7	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	20.29	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	20.27	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	20.3	PASS
n77(3700-3980)	30	15	647168	38@0	CP_16QAM	18.79	PASS
n77(3700-3980)	30	15	647168	19@9	CP_16QAM	19.88	PASS
n77(3700-3980)	30	15	647168	1@1	CP_16QAM	19.75	PASS
n77(3700-3980)	30	15	647168	1@36	CP_16QAM	19.82	PASS
n77(3700-3980)	30	15	647168	38@0	CP_64QAM	18.24	PASS
n77(3700-3980)	30	15	647168	19@9	CP_64QAM	18.32	PASS
n77(3700-3980)	30	15	647168	1@1	CP_64QAM	18.09	PASS
n77(3700-3980)	30	15	647168	1@36	CP_64QAM	18.07	PASS
n77(3700-3980)	30	15	647168	38@0	CP_256QAM	15.41	PASS
n77(3700-3980)	30	15	647168	19@9	CP_256QAM	15.44	PASS
n77(3700-3980)	30	15	647168	1@1	CP_256QAM	15.37	PASS
n77(3700-3980)	30	15	647168	1@36	CP_256QAM	15.43	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	21.55	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	22.07	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	21.89	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	22.02	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	21.03	PASS



3980)							
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	22.06	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	21.95	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	22.05	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	20.08	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	21.06	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	20.74	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	20.88	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	19.57	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	19.64	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	19.41	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	19.57	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	17.56	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	17.56	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	17.42	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	17.55	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	19.01	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	20.49	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	20.49	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	20.57	PASS
n77(3700-3980)	30	15	656000	38@0	CP_16QAM	19.04	PASS
n77(3700-3980)	30	15	656000	19@9	CP_16QAM	20.06	PASS
n77(3700-3980)	30	15	656000	1@1	CP_16QAM	20.04	PASS
n77(3700-3980)	30	15	656000	1@36	CP_16QAM	20.11	PASS
n77(3700-3980)	30	15	656000	38@0	CP_64QAM	18.58	PASS
n77(3700-3980)	30	15	656000	19@9	CP_64QAM	18.52	PASS
n77(3700-3980)	30	15	656000	1@1	CP_64QAM	18.27	PASS
n77(3700-3980)	30	15	656000	1@36	CP_64QAM	18.41	PASS
n77(3700-3980)	30	15	656000	38@0	CP_256QAM	15.6	PASS
n77(3700-3980)	30	15	656000	19@9	CP_256QAM	15.61	PASS
n77(3700-3980)	30	15	656000	1@1	CP_256QAM	15.56	PASS
n77(3700-3980)	30	15	656000	1@36	CP_256QAM	15.68	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	21.63	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	22.19	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	22.03	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	22.07	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	21.17	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	22.2	PASS



n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	22.07	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	22.11	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	20.15	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	21.13	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	20.89	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	21.03	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	19.65	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	19.75	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	19.59	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	19.61	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	17.62	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	17.63	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	17.59	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	17.58	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	19.07	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	20.6	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	20.54	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	20.56	PASS
n77(3700-3980)	30	15	664832	38@0	CP_16QAM	19.16	PASS
n77(3700-3980)	30	15	664832	19@9	CP_16QAM	20.15	PASS
n77(3700-3980)	30	15	664832	1@1	CP_16QAM	20.15	PASS
n77(3700-3980)	30	15	664832	1@36	CP_16QAM	20.07	PASS
n77(3700-3980)	30	15	664832	38@0	CP_64QAM	18.63	PASS
n77(3700-3980)	30	15	664832	19@9	CP_64QAM	18.69	PASS
n77(3700-3980)	30	15	664832	1@1	CP_64QAM	18.39	PASS
n77(3700-3980)	30	15	664832	1@36	CP_64QAM	18.4	PASS
n77(3700-3980)	30	15	664832	38@0	CP_256QAM	15.72	PASS
n77(3700-3980)	30	15	664832	19@9	CP_256QAM	15.75	PASS
n77(3700-3980)	30	15	664832	1@1	CP_256QAM	15.67	PASS
n77(3700-3980)	30	15	664832	1@36	CP_256QAM	15.69	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	21.32	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	21.82	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	21.71	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	21.77	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	20.8	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	21.87	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	21.73	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	21.81	PASS



3980)							
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	19.75	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	20.8	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	20.56	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	20.62	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	19.26	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	19.33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	19.24	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	19.36	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	17.25	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	17.33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	17.2	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	17.34	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.77	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	20.26	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	20.24	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	20.31	PASS
n77(3700-3980)	30	20	647334	51@0	CP_16QAM	18.77	PASS
n77(3700-3980)	30	20	647334	25@12	CP_16QAM	19.85	PASS
n77(3700-3980)	30	20	647334	1@1	CP_16QAM	19.77	PASS
n77(3700-3980)	30	20	647334	1@49	CP_16QAM	19.87	PASS
n77(3700-3980)	30	20	647334	51@0	CP_64QAM	18.31	PASS
n77(3700-3980)	30	20	647334	25@12	CP_64QAM	18.36	PASS
n77(3700-3980)	30	20	647334	1@1	CP_64QAM	18.02	PASS
n77(3700-3980)	30	20	647334	1@49	CP_64QAM	18.09	PASS
n77(3700-3980)	30	20	647334	51@0	CP_256QAM	15.32	PASS
n77(3700-3980)	30	20	647334	25@12	CP_256QAM	15.33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_256QAM	15.34	PASS
n77(3700-3980)	30	20	647334	1@49	CP_256QAM	15.45	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	21.56	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	22.01	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	21.86	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	22.05	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	21.06	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	22.1	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	21.97	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	22.11	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	19.98	PASS



n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	21.03	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	20.71	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	21.02	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	19.5	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	19.55	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	19.44	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	19.6	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	17.49	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	17.57	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	17.43	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	17.55	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	19.06	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	20.52	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	20.45	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	20.57	PASS
n77(3700-3980)	30	20	656000	51@0	CP_16QAM	19.04	PASS
n77(3700-3980)	30	20	656000	25@12	CP_16QAM	20.09	PASS
n77(3700-3980)	30	20	656000	1@1	CP_16QAM	20.06	PASS
n77(3700-3980)	30	20	656000	1@49	CP_16QAM	20.15	PASS
n77(3700-3980)	30	20	656000	51@0	CP_64QAM	18.57	PASS
n77(3700-3980)	30	20	656000	25@12	CP_64QAM	18.59	PASS
n77(3700-3980)	30	20	656000	1@1	CP_64QAM	18.26	PASS
n77(3700-3980)	30	20	656000	1@49	CP_64QAM	18.39	PASS
n77(3700-3980)	30	20	656000	51@0	CP_256QAM	15.61	PASS
n77(3700-3980)	30	20	656000	25@12	CP_256QAM	15.61	PASS
n77(3700-3980)	30	20	656000	1@1	CP_256QAM	15.52	PASS
n77(3700-3980)	30	20	656000	1@49	CP_256QAM	15.65	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	21.65	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	22.13	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	22.04	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	22.06	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	21.18	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	22.22	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	22.05	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	22.13	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	20.08	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	21.13	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	20.88	PASS



3980)							
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	20.91	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	19.59	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	19.64	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	19.58	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	19.63	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	17.57	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	17.68	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	17.56	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	17.61	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	19.12	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	20.62	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	20.53	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	20.59	PASS
n77(3700-3980)	30	20	664666	51@0	CP_16QAM	19.12	PASS
n77(3700-3980)	30	20	664666	25@12	CP_16QAM	20.2	PASS
n77(3700-3980)	30	20	664666	1@1	CP_16QAM	20.09	PASS
n77(3700-3980)	30	20	664666	1@49	CP_16QAM	20.08	PASS
n77(3700-3980)	30	20	664666	51@0	CP_64QAM	18.65	PASS
n77(3700-3980)	30	20	664666	25@12	CP_64QAM	18.79	PASS
n77(3700-3980)	30	20	664666	1@1	CP_64QAM	18.32	PASS
n77(3700-3980)	30	20	664666	1@49	CP_64QAM	18.35	PASS
n77(3700-3980)	30	20	664666	51@0	CP_256QAM	15.66	PASS
n77(3700-3980)	30	20	664666	25@12	CP_256QAM	15.71	PASS
n77(3700-3980)	30	20	664666	1@1	CP_256QAM	15.6	PASS
n77(3700-3980)	30	20	664666	1@49	CP_256QAM	15.71	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	21.32	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	21.78	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	21.67	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	21.96	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	20.8	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	21.8	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	21.72	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	22	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	19.79	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	20.75	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	20.51	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	20.78	PASS



n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	19.3	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	19.26	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	19.28	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	19.56	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	17.26	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	17.28	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	17.21	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	17.51	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	18.79	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	20.27	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	20.23	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	20.51	PASS
n77(3700-3980)	30	40	648000	106@0	CP_16QAM	18.79	PASS
n77(3700-3980)	30	40	648000	53@26	CP_16QAM	19.74	PASS
n77(3700-3980)	30	40	648000	1@1	CP_16QAM	19.7	PASS
n77(3700-3980)	30	40	648000	1@104	CP_16QAM	19.96	PASS
n77(3700-3980)	30	40	648000	106@0	CP_64QAM	18.31	PASS
n77(3700-3980)	30	40	648000	53@26	CP_64QAM	18.33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_64QAM	17.96	PASS
n77(3700-3980)	30	40	648000	1@104	CP_64QAM	18.25	PASS
n77(3700-3980)	30	40	648000	106@0	CP_256QAM	15.3	PASS
n77(3700-3980)	30	40	648000	53@26	CP_256QAM	15.31	PASS
n77(3700-3980)	30	40	648000	1@1	CP_256QAM	15.32	PASS
n77(3700-3980)	30	40	648000	1@104	CP_256QAM	15.62	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	21.55	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	22.05	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	21.81	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	22.18	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	21.08	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	22.07	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	21.88	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	22.23	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	20.05	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	21.02	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	20.77	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	21.1	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	19.53	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	19.51	PASS



3980)							
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	19.34	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	19.69	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	17.53	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	17.51	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	17.46	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	17.72	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	19.03	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	20.5	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	20.4	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	20.71	PASS
n77(3700-3980)	30	40	656000	106@0	CP_16QAM	19.04	PASS
n77(3700-3980)	30	40	656000	53@26	CP_16QAM	20.03	PASS
n77(3700-3980)	30	40	656000	1@1	CP_16QAM	19.91	PASS
n77(3700-3980)	30	40	656000	1@104	CP_16QAM	20.28	PASS
n77(3700-3980)	30	40	656000	106@0	CP_64QAM	18.55	PASS
n77(3700-3980)	30	40	656000	53@26	CP_64QAM	18.58	PASS
n77(3700-3980)	30	40	656000	1@1	CP_64QAM	18.18	PASS
n77(3700-3980)	30	40	656000	1@104	CP_64QAM	18.41	PASS
n77(3700-3980)	30	40	656000	106@0	CP_256QAM	15.53	PASS
n77(3700-3980)	30	40	656000	53@26	CP_256QAM	15.59	PASS
n77(3700-3980)	30	40	656000	1@1	CP_256QAM	15.48	PASS
n77(3700-3980)	30	40	656000	1@104	CP_256QAM	15.8	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	21.74	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	22.22	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	22.13	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	22.22	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	21.26	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	22.23	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	22.19	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	22.26	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	20.24	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	21.19	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	21.01	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	21.07	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	19.72	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	19.7	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	19.66	PASS



n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	19.78	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	17.73	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	17.71	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	17.7	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	17.77	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	19.2	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	20.66	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	20.65	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	20.75	PASS
n77(3700-3980)	30	40	664000	106@0	CP_16QAM	19.22	PASS
n77(3700-3980)	30	40	664000	53@26	CP_16QAM	20.2	PASS
n77(3700-3980)	30	40	664000	1@1	CP_16QAM	20.17	PASS
n77(3700-3980)	30	40	664000	1@104	CP_16QAM	20.24	PASS
n77(3700-3980)	30	40	664000	106@0	CP_64QAM	18.15	PASS
n77(3700-3980)	30	40	664000	53@26	CP_64QAM	18.74	PASS
n77(3700-3980)	30	40	664000	1@1	CP_64QAM	18.46	PASS
n77(3700-3980)	30	40	664000	1@104	CP_64QAM	18.54	PASS
n77(3700-3980)	30	40	664000	106@0	CP_256QAM	15.7	PASS
n77(3700-3980)	30	40	664000	53@26	CP_256QAM	15.73	PASS
n77(3700-3980)	30	40	664000	1@1	CP_256QAM	15.74	PASS
n77(3700-3980)	30	40	664000	1@104	CP_256QAM	15.84	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	21.39	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	21.88	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	21.63	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	22	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	20.9	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	21.88	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	21.71	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	22.1	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	19.89	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	20.8	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	20.46	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	20.86	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	19.35	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	19.35	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	19.17	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	19.6	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	17.39	PASS



3980)							
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	17.37	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	17.22	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	17.59	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	18.84	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	20.34	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	20.19	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	20.56	PASS
n77(3700-3980)	30	50	648334	133@0	CP_16QAM	18.81	PASS
n77(3700-3980)	30	50	648334	67@33	CP_16QAM	19.85	PASS
n77(3700-3980)	30	50	648334	1@1	CP_16QAM	19.69	PASS
n77(3700-3980)	30	50	648334	1@131	CP_16QAM	20.07	PASS
n77(3700-3980)	30	50	648334	133@0	CP_64QAM	18.33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_64QAM	18.34	PASS
n77(3700-3980)	30	50	648334	1@1	CP_64QAM	17.95	PASS
n77(3700-3980)	30	50	648334	1@131	CP_64QAM	18.29	PASS
n77(3700-3980)	30	50	648334	133@0	CP_256QAM	15.42	PASS
n77(3700-3980)	30	50	648334	67@33	CP_256QAM	15.34	PASS
n77(3700-3980)	30	50	648334	1@1	CP_256QAM	15.3	PASS
n77(3700-3980)	30	50	648334	1@131	CP_256QAM	15.65	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	21.58	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	22.1	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	21.78	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	22.19	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	21.11	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	22.09	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	21.78	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	22.25	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	20.08	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	21.02	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	20.64	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	21.08	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	19.57	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	19.57	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	19.34	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	19.76	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	17.59	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	17.56	PASS



n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	17.32	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	17.74	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	19.07	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	20.53	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	20.28	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	20.74	PASS
n77(3700-3980)	30	50	656000	133@0	CP_16QAM	19.03	PASS
n77(3700-3980)	30	50	656000	67@33	CP_16QAM	20.07	PASS
n77(3700-3980)	30	50	656000	1@1	CP_16QAM	19.91	PASS
n77(3700-3980)	30	50	656000	1@131	CP_16QAM	20.25	PASS
n77(3700-3980)	30	50	656000	133@0	CP_64QAM	18.53	PASS
n77(3700-3980)	30	50	656000	67@33	CP_64QAM	18.6	PASS
n77(3700-3980)	30	50	656000	1@1	CP_64QAM	18.06	PASS
n77(3700-3980)	30	50	656000	1@131	CP_64QAM	18.5	PASS
n77(3700-3980)	30	50	656000	133@0	CP_256QAM	15.59	PASS
n77(3700-3980)	30	50	656000	67@33	CP_256QAM	15.57	PASS
n77(3700-3980)	30	50	656000	1@1	CP_256QAM	15.45	PASS
n77(3700-3980)	30	50	656000	1@131	CP_256QAM	15.85	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	21.7	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	22.22	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	21.94	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	22.09	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	21.18	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	22.19	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	22.05	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	22.2	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	20.2	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	21.09	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	20.82	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	20.91	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	19.71	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	19.66	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	19.53	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	19.64	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	17.69	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	17.69	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	17.53	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	17.68	PASS



3980)							
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	19.16	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	20.64	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	20.48	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	20.65	PASS
n77(3700-3980)	30	50	663666	133@0	CP_16QAM	19.12	PASS
n77(3700-3980)	30	50	663666	67@33	CP_16QAM	20.11	PASS
n77(3700-3980)	30	50	663666	1@1	CP_16QAM	20.04	PASS
n77(3700-3980)	30	50	663666	1@131	CP_16QAM	20.24	PASS
n77(3700-3980)	30	50	663666	133@0	CP_64QAM	18.66	PASS
n77(3700-3980)	30	50	663666	67@33	CP_64QAM	18.7	PASS
n77(3700-3980)	30	50	663666	1@1	CP_64QAM	18.29	PASS
n77(3700-3980)	30	50	663666	1@131	CP_64QAM	18.4	PASS
n77(3700-3980)	30	50	663666	133@0	CP_256QAM	15.67	PASS
n77(3700-3980)	30	50	663666	67@33	CP_256QAM	15.62	PASS
n77(3700-3980)	30	50	663666	1@1	CP_256QAM	15.62	PASS
n77(3700-3980)	30	50	663666	1@131	CP_256QAM	15.73	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	21.37	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	21.88	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	21.62	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	22.01	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	20.85	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	21.85	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	21.65	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	22.05	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	19.87	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	20.86	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	20.41	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	20.78	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	19.37	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	19.42	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	19.22	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	19.65	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	17.37	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	17.38	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	17.15	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	17.54	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	18.82	PASS



n77(3700-3980)	30	60	648668	81@40	CP_QPSK	20.32	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	20.17	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	20.54	PASS
n77(3700-3980)	30	60	648668	162@0	CP_16QAM	18.81	PASS
n77(3700-3980)	30	60	648668	81@40	CP_16QAM	19.82	PASS
n77(3700-3980)	30	60	648668	1@1	CP_16QAM	19.66	PASS
n77(3700-3980)	30	60	648668	1@160	CP_16QAM	20	PASS
n77(3700-3980)	30	60	648668	162@0	CP_64QAM	18.35	PASS
n77(3700-3980)	30	60	648668	81@40	CP_64QAM	18.33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_64QAM	17.9	PASS
n77(3700-3980)	30	60	648668	1@160	CP_64QAM	18.3	PASS
n77(3700-3980)	30	60	648668	162@0	CP_256QAM	15.36	PASS
n77(3700-3980)	30	60	648668	81@40	CP_256QAM	15.34	PASS
n77(3700-3980)	30	60	648668	1@1	CP_256QAM	15.24	PASS
n77(3700-3980)	30	60	648668	1@160	CP_256QAM	15.65	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	21.55	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	22.05	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	21.66	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	22.16	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	21.03	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	22.02	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	21.74	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	22.23	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	20.01	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	21.01	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	20.52	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	20.98	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	19.53	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	19.59	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	19.3	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	19.78	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	17.53	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	17.6	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	17.23	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	17.73	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	19.01	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	20.48	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	20.25	PASS



3980)							
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	20.7	PASS
n77(3700-3980)	30	60	656000	162@0	CP_16QAM	18.99	PASS
n77(3700-3980)	30	60	656000	81@40	CP_16QAM	19.99	PASS
n77(3700-3980)	30	60	656000	1@1	CP_16QAM	19.7	PASS
n77(3700-3980)	30	60	656000	1@160	CP_16QAM	20.24	PASS
n77(3700-3980)	30	60	656000	162@0	CP_64QAM	18.49	PASS
n77(3700-3980)	30	60	656000	81@40	CP_64QAM	18.52	PASS
n77(3700-3980)	30	60	656000	1@1	CP_64QAM	18.01	PASS
n77(3700-3980)	30	60	656000	1@160	CP_64QAM	18.49	PASS
n77(3700-3980)	30	60	656000	162@0	CP_256QAM	15.55	PASS
n77(3700-3980)	30	60	656000	81@40	CP_256QAM	15.53	PASS
n77(3700-3980)	30	60	656000	1@1	CP_256QAM	15.34	PASS
n77(3700-3980)	30	60	656000	1@160	CP_256QAM	15.81	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	21.6	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	22.15	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	21.83	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	22.02	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	21.09	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	22.1	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	21.95	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	22.12	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	20.09	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	21.1	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	20.69	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	20.89	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	19.6	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	19.67	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	19.42	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	19.62	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	17.63	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	17.6	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	17.44	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	17.58	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	19.06	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	20.55	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	20.4	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	20.57	PASS



n77(3700-3980)	30	60	663332	162@0	CP_16QAM	19.03	PASS
n77(3700-3980)	30	60	663332	81@40	CP_16QAM	20.05	PASS
n77(3700-3980)	30	60	663332	1@1	CP_16QAM	19.92	PASS
n77(3700-3980)	30	60	663332	1@160	CP_16QAM	20.04	PASS
n77(3700-3980)	30	60	663332	162@0	CP_64QAM	18.55	PASS
n77(3700-3980)	30	60	663332	81@40	CP_64QAM	18.61	PASS
n77(3700-3980)	30	60	663332	1@1	CP_64QAM	18.23	PASS
n77(3700-3980)	30	60	663332	1@160	CP_64QAM	18.37	PASS
n77(3700-3980)	30	60	663332	162@0	CP_256QAM	15.58	PASS
n77(3700-3980)	30	60	663332	81@40	CP_256QAM	15.63	PASS
n77(3700-3980)	30	60	663332	1@1	CP_256QAM	15.51	PASS
n77(3700-3980)	30	60	663332	1@160	CP_256QAM	15.7	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	21.45	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	22.01	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	21.69	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	22.18	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	20.98	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	21.97	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	21.76	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	22.22	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	19.99	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	20.99	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	20.57	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	20.97	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	19.48	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	19.5	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	19.24	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	19.75	PASS
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	17.52	PASS
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	17.5	PASS
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	17.22	PASS
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	17.73	PASS
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	19.03	PASS
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	20.47	PASS
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	20.25	PASS
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	20.73	PASS
n77(3700-3980)	30	70	649000	189@0	CP_16QAM	19.01	PASS
n77(3700-3980)	30	70	649000	95@47	CP_16QAM	19.97	PASS



3980)							
n77(3700-3980)	30	70	649000	1@1	CP_16QAM	19.74	PASS
n77(3700-3980)	30	70	649000	1@187	CP_16QAM	20.23	PASS
n77(3700-3980)	30	70	649000	189@0	CP_64QAM	18.51	PASS
n77(3700-3980)	30	70	649000	95@47	CP_64QAM	18.49	PASS
n77(3700-3980)	30	70	649000	1@1	CP_64QAM	18	PASS
n77(3700-3980)	30	70	649000	1@187	CP_64QAM	18.49	PASS
n77(3700-3980)	30	70	649000	189@0	CP_256QAM	15.52	PASS
n77(3700-3980)	30	70	649000	95@47	CP_256QAM	15.54	PASS
n77(3700-3980)	30	70	649000	1@1	CP_256QAM	15.29	PASS
n77(3700-3980)	30	70	649000	1@187	CP_256QAM	15.8	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	21.53	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	22.03	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	21.61	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	22.16	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	21.01	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	22.02	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	21.68	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	22.21	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	20	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	21.03	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	20.43	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	20.95	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	19.51	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	19.54	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	19.21	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	19.73	PASS
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	17.53	PASS
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	17.56	PASS
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	17.14	PASS
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	17.68	PASS
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	19.01	PASS
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	20.49	PASS
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	20.23	PASS
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	20.71	PASS
n77(3700-3980)	30	70	656000	189@0	CP_16QAM	19	PASS
n77(3700-3980)	30	70	656000	95@47	CP_16QAM	20.01	PASS
n77(3700-3980)	30	70	656000	1@1	CP_16QAM	19.67	PASS



n77(3700-3980)	30	70	656000	1@187	CP_16QAM	20.19	PASS
n77(3700-3980)	30	70	656000	189@0	CP_64QAM	18.51	PASS
n77(3700-3980)	30	70	656000	95@47	CP_64QAM	18.51	PASS
n77(3700-3980)	30	70	656000	1@1	CP_64QAM	17.97	PASS
n77(3700-3980)	30	70	656000	1@187	CP_64QAM	18.47	PASS
n77(3700-3980)	30	70	656000	189@0	CP_256QAM	15.56	PASS
n77(3700-3980)	30	70	656000	95@47	CP_256QAM	15.6	PASS
n77(3700-3980)	30	70	656000	1@1	CP_256QAM	15.24	PASS
n77(3700-3980)	30	70	656000	1@187	CP_256QAM	15.75	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	21.7	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	22.25	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	21.89	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	22.11	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	21.2	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	22.2	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	21.96	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	22.16	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	20.16	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	21.21	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	20.74	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	20.94	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	19.68	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	19.74	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	19.55	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	19.77	PASS
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	17.7	PASS
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	17.79	PASS
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	17.45	PASS
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	17.64	PASS
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	19.15	PASS
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	20.66	PASS
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	20.48	PASS
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	20.65	PASS
n77(3700-3980)	30	70	663000	189@0	CP_16QAM	19.14	PASS
n77(3700-3980)	30	70	663000	95@47	CP_16QAM	20.18	PASS
n77(3700-3980)	30	70	663000	1@1	CP_16QAM	19.93	PASS
n77(3700-3980)	30	70	663000	1@187	CP_16QAM	20.14	PASS
n77(3700-3980)	30	70	663000	189@0	CP_64QAM	18.66	PASS



3980)							
n77(3700-3980)	30	70	663000	95@47	CP_64QAM	18.72	PASS
n77(3700-3980)	30	70	663000	1@1	CP_64QAM	18.26	PASS
n77(3700-3980)	30	70	663000	1@187	CP_64QAM	18.47	PASS
n77(3700-3980)	30	70	663000	189@0	CP_256QAM	15.67	PASS
n77(3700-3980)	30	70	663000	95@47	CP_256QAM	15.71	PASS
n77(3700-3980)	30	70	663000	1@1	CP_256QAM	15.53	PASS
n77(3700-3980)	30	70	663000	1@187	CP_256QAM	15.77	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	21.52	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	22.01	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	21.69	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	22.19	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	21.01	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	22	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	21.71	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	22.23	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	19.99	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	20.98	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	20.53	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	21.07	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	19.48	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	19.51	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	19.19	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	19.73	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	17.51	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	17.5	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	17.2	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	17.73	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	19	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	20.48	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	20.23	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	20.74	PASS
n77(3700-3980)	30	80	649334	217@0	CP_16QAM	18.97	PASS
n77(3700-3980)	30	80	649334	109@54	CP_16QAM	19.94	PASS
n77(3700-3980)	30	80	649334	1@1	CP_16QAM	19.75	PASS
n77(3700-3980)	30	80	649334	1@215	CP_16QAM	20.31	PASS
n77(3700-3980)	30	80	649334	217@0	CP_64QAM	18.51	PASS
n77(3700-3980)	30	80	649334	109@54	CP_64QAM	18.47	PASS



n77(3700-3980)	30	80	649334	1@1	CP_64QAM	17.99	PASS
n77(3700-3980)	30	80	649334	1@215	CP_64QAM	18.53	PASS
n77(3700-3980)	30	80	649334	217@0	CP_256QAM	15.54	PASS
n77(3700-3980)	30	80	649334	109@54	CP_256QAM	15.47	PASS
n77(3700-3980)	30	80	649334	1@1	CP_256QAM	15.32	PASS
n77(3700-3980)	30	80	649334	1@215	CP_256QAM	15.83	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	21.54	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	22.06	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	21.56	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	22.24	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	21.01	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	22.07	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	21.61	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	22.26	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	19.99	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	21.05	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	20.43	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	21.09	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	19.51	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	19.54	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	19.09	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	19.76	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	17.56	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	17.56	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	17.09	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	17.73	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	19.02	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	20.51	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	20.13	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	20.72	PASS
n77(3700-3980)	30	80	656000	217@0	CP_16QAM	18.98	PASS
n77(3700-3980)	30	80	656000	109@54	CP_16QAM	20.01	PASS
n77(3700-3980)	30	80	656000	1@1	CP_16QAM	19.7	PASS
n77(3700-3980)	30	80	656000	1@215	CP_16QAM	20.26	PASS
n77(3700-3980)	30	80	656000	217@0	CP_64QAM	18.51	PASS
n77(3700-3980)	30	80	656000	109@54	CP_64QAM	18.54	PASS
n77(3700-3980)	30	80	656000	1@1	CP_64QAM	17.94	PASS
n77(3700-3980)	30	80	656000	1@215	CP_64QAM	18.54	PASS



3980)							
n77(3700-3980)	30	80	656000	217@0	CP_256QAM	15.55	PASS
n77(3700-3980)	30	80	656000	109@54	CP_256QAM	15.51	PASS
n77(3700-3980)	30	80	656000	1@1	CP_256QAM	15.23	PASS
n77(3700-3980)	30	80	656000	1@215	CP_256QAM	15.84	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	21.67	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	22.21	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	21.79	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	22.08	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	21.14	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	22.18	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	21.81	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	22.12	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	20.13	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	21.15	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	20.64	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	20.93	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	19.63	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	19.72	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	19.3	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	19.66	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	17.68	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	17.72	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	17.29	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	17.63	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	19.1	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	20.62	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	20.33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	20.63	PASS
n77(3700-3980)	30	80	662666	217@0	CP_16QAM	19.12	PASS
n77(3700-3980)	30	80	662666	109@54	CP_16QAM	20.15	PASS
n77(3700-3980)	30	80	662666	1@1	CP_16QAM	19.83	PASS
n77(3700-3980)	30	80	662666	1@215	CP_16QAM	20.17	PASS
n77(3700-3980)	30	80	662666	217@0	CP_64QAM	18.63	PASS
n77(3700-3980)	30	80	662666	109@54	CP_64QAM	18.66	PASS
n77(3700-3980)	30	80	662666	1@1	CP_64QAM	18.12	PASS
n77(3700-3980)	30	80	662666	1@215	CP_64QAM	18.45	PASS
n77(3700-3980)	30	80	662666	217@0	CP_256QAM	15.69	PASS



n77(3700-3980)	30	80	662666	109@54	CP_256QAM	15.63	PASS
n77(3700-3980)	30	80	662666	1@1	CP_256QAM	15.43	PASS
n77(3700-3980)	30	80	662666	1@215	CP_256QAM	15.78	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	21.59	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	22.09	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	21.65	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	22.28	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	21.09	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	22.07	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	21.69	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	22.34	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	20.07	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	21.07	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	20.48	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	21.09	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	19.59	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	19.6	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	19.24	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	19.87	PASS
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	17.62	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	17.59	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	17.18	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	17.8	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	19.06	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	20.51	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	20.18	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	20.84	PASS
n77(3700-3980)	30	90	649668	245@0	CP_16QAM	19.07	PASS
n77(3700-3980)	30	90	649668	123@61	CP_16QAM	20.04	PASS
n77(3700-3980)	30	90	649668	1@1	CP_16QAM	19.72	PASS
n77(3700-3980)	30	90	649668	1@243	CP_16QAM	20.37	PASS
n77(3700-3980)	30	90	649668	245@0	CP_64QAM	18.56	PASS
n77(3700-3980)	30	90	649668	123@61	CP_64QAM	18.53	PASS
n77(3700-3980)	30	90	649668	1@1	CP_64QAM	17.96	PASS
n77(3700-3980)	30	90	649668	1@243	CP_64QAM	18.56	PASS
n77(3700-3980)	30	90	649668	245@0	CP_256QAM	15.59	PASS
n77(3700-3980)	30	90	649668	123@61	CP_256QAM	15.61	PASS
n77(3700-3980)	30	90	649668	1@1	CP_256QAM	15.26	PASS



3980)							
n77(3700-3980)	30	90	649668	1@243	CP_256QAM	15.92	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	21.56	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	22.05	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	21.48	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	22.23	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	21.05	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	22.04	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	21.54	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	22.31	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	20.02	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	21.03	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	20.33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	21.07	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	19.55	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	19.56	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	19.12	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	19.79	PASS
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	17.54	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	17.55	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	17.03	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	17.79	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	19.03	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	20.49	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	20.07	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	20.85	PASS
n77(3700-3980)	30	90	656000	245@0	CP_16QAM	18.98	PASS
n77(3700-3980)	30	90	656000	123@61	CP_16QAM	19.99	PASS
n77(3700-3980)	30	90	656000	1@1	CP_16QAM	19.58	PASS
n77(3700-3980)	30	90	656000	1@243	CP_16QAM	20.3	PASS
n77(3700-3980)	30	90	656000	245@0	CP_64QAM	18.51	PASS
n77(3700-3980)	30	90	656000	123@61	CP_64QAM	18.53	PASS
n77(3700-3980)	30	90	656000	1@1	CP_64QAM	17.8	PASS
n77(3700-3980)	30	90	656000	1@243	CP_64QAM	18.54	PASS
n77(3700-3980)	30	90	656000	245@0	CP_256QAM	15.51	PASS
n77(3700-3980)	30	90	656000	123@61	CP_256QAM	15.54	PASS
n77(3700-3980)	30	90	656000	1@1	CP_256QAM	15.16	PASS
n77(3700-3980)	30	90	656000	1@243	CP_256QAM	15.86	PASS



n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	21.78	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	22.31	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	21.81	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	22.19	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	21.28	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	22.28	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	21.85	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	22.25	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	20.24	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	21.27	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	20.66	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	21.06	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	19.76	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	19.77	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	19.32	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	19.74	PASS
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	17.81	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	17.79	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	17.31	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	17.72	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	19.21	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	20.69	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	20.34	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	20.79	PASS
n77(3700-3980)	30	90	662332	245@0	CP_16QAM	19.2	PASS
n77(3700-3980)	30	90	662332	123@61	CP_16QAM	20.22	PASS
n77(3700-3980)	30	90	662332	1@1	CP_16QAM	19.79	PASS
n77(3700-3980)	30	90	662332	1@243	CP_16QAM	20.28	PASS
n77(3700-3980)	30	90	662332	245@0	CP_64QAM	18.74	PASS
n77(3700-3980)	30	90	662332	123@61	CP_64QAM	18.76	PASS
n77(3700-3980)	30	90	662332	1@1	CP_64QAM	18.15	PASS
n77(3700-3980)	30	90	662332	1@243	CP_64QAM	18.65	PASS
n77(3700-3980)	30	90	662332	245@0	CP_256QAM	15.77	PASS
n77(3700-3980)	30	90	662332	123@61	CP_256QAM	15.86	PASS
n77(3700-3980)	30	90	662332	1@1	CP_256QAM	15.42	PASS
n77(3700-3980)	30	90	662332	1@243	CP_256QAM	15.94	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	21.67	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	22.16	PASS



3980)							
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	21.71	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	22.37	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	21.16	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	22.19	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	21.78	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	22.63	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	20.16	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	21.16	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	20.58	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	21.23	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	19.7	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	19.68	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	19.32	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	20.02	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	17.7	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	17.7	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	17.26	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	17.93	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	19.17	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	20.62	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	20.29	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	20.93	PASS
n77(3700-3980)	30	100	650000	273@0	CP_16QAM	19.17	PASS
n77(3700-3980)	30	100	650000	137@68	CP_16QAM	20.09	PASS
n77(3700-3980)	30	100	650000	1@1	CP_16QAM	19.8	PASS
n77(3700-3980)	30	100	650000	1@271	CP_16QAM	20.47	PASS
n77(3700-3980)	30	100	650000	273@0	CP_64QAM	18.69	PASS
n77(3700-3980)	30	100	650000	137@68	CP_64QAM	18.67	PASS
n77(3700-3980)	30	100	650000	1@1	CP_64QAM	17.99	PASS
n77(3700-3980)	30	100	650000	1@271	CP_64QAM	18.68	PASS
n77(3700-3980)	30	100	650000	273@0	CP_256QAM	15.7	PASS
n77(3700-3980)	30	100	650000	137@68	CP_256QAM	15.7	PASS
n77(3700-3980)	30	100	650000	1@1	CP_256QAM	15.38	PASS
n77(3700-3980)	30	100	650000	1@271	CP_256QAM	16.07	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	21.55	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	22.07	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	21.42	PASS



n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	22.26	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	21.02	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	22.05	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	21.45	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	22.3	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	20	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	21.04	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	20.29	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	21.11	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	19.54	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	19.56	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	18.95	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	19.8	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	17.53	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	17.54	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	16.98	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	17.83	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	19.01	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	20.48	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	19.95	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	20.82	PASS
n77(3700-3980)	30	100	656000	273@0	CP_16QAM	19	PASS
n77(3700-3980)	30	100	656000	137@68	CP_16QAM	20.01	PASS
n77(3700-3980)	30	100	656000	1@1	CP_16QAM	19.46	PASS
n77(3700-3980)	30	100	656000	1@271	CP_16QAM	20.36	PASS
n77(3700-3980)	30	100	656000	273@0	CP_64QAM	18.5	PASS
n77(3700-3980)	30	100	656000	137@68	CP_64QAM	18.51	PASS
n77(3700-3980)	30	100	656000	1@1	CP_64QAM	17.76	PASS
n77(3700-3980)	30	100	656000	1@271	CP_64QAM	18.59	PASS
n77(3700-3980)	30	100	656000	273@0	CP_256QAM	15.51	PASS
n77(3700-3980)	30	100	656000	137@68	CP_256QAM	15.55	PASS
n77(3700-3980)	30	100	656000	1@1	CP_256QAM	15.1	PASS
n77(3700-3980)	30	100	656000	1@271	CP_256QAM	15.94	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	21.81	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	22.38	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	21.74	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	22.3	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	21.28	PASS



3980)							
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	22.35	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	21.78	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	22.34	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	20.3	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	21.37	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	20.62	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	21.14	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	19.8	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	19.91	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	19.29	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	19.85	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	17.81	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	17.92	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	17.28	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	17.86	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	19.3	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	20.82	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	20.29	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	20.83	PASS
n77(3700-3980)	30	100	662000	273@0	CP_16QAM	19.27	PASS
n77(3700-3980)	30	100	662000	137@68	CP_16QAM	20.3	PASS
n77(3700-3980)	30	100	662000	1@1	CP_16QAM	19.82	PASS
n77(3700-3980)	30	100	662000	1@271	CP_16QAM	20.39	PASS
n77(3700-3980)	30	100	662000	273@0	CP_64QAM	18.77	PASS
n77(3700-3980)	30	100	662000	137@68	CP_64QAM	18.85	PASS
n77(3700-3980)	30	100	662000	1@1	CP_64QAM	18.03	PASS
n77(3700-3980)	30	100	662000	1@271	CP_64QAM	18.62	PASS
n77(3700-3980)	30	100	662000	273@0	CP_256QAM	15.84	PASS
n77(3700-3980)	30	100	662000	137@68	CP_256QAM	15.88	PASS
n77(3700-3980)	30	100	662000	1@1	CP_256QAM	15.39	PASS
n77(3700-3980)	30	100	662000	1@271	CP_256QAM	15.97	PASS



SA N78(3450-3550)

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Verdict
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	21.44	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	21.93	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	21.89	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	21.85	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	20.94	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	22.04	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	21.95	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	21.91	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	20.03	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	20.92	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	20.9	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	20.85	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	19.46	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	19.5	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	19.45	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	19.45	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	17.4	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	17.44	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	17.42	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	17.42	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	18.93	PASS
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	20.31	PASS
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	20.51	PASS
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	20.45	PASS
n78(3450-3550)	30	10	630334	24@0	CP_16QAM	18.83	PASS
n78(3450-3550)	30	10	630334	12@6	CP_16QAM	20.09	PASS
n78(3450-3550)	30	10	630334	1@1	CP_16QAM	20.08	PASS
n78(3450-3550)	30	10	630334	1@22	CP_16QAM	20.04	PASS
n78(3450-3550)	30	10	630334	24@0	CP_64QAM	18.5	PASS
n78(3450-3550)	30	10	630334	12@6	CP_64QAM	18.45	PASS
n78(3450-3550)	30	10	630334	1@1	CP_64QAM	18.26	PASS
n78(3450-3550)	30	10	630334	1@22	CP_64QAM	18.23	PASS
n78(3450-3550)	30	10	630334	24@0	CP_256QAM	15.44	PASS
n78(3450-3550)	30	10	630334	12@6	CP_256QAM	15.61	PASS
n78(3450-3550)	30	10	630334	1@1	CP_256QAM	15.56	PASS
n78(3450-3550)	30	10	630334	1@22	CP_256QAM	15.55	PASS



n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	21.36	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	21.77	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	21.78	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	21.77	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	20.79	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	21.86	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	21.85	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	21.84	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	19.93	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	20.84	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	20.65	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	20.63	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	19.4	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	19.36	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	19.24	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	19.26	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	17.26	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	17.52	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	17.24	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	17.24	PASS
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	18.75	PASS
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	20.22	PASS
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	20.37	PASS
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	20.34	PASS
n78(3450-3550)	30	10	633334	24@0	CP_16QAM	18.69	PASS
n78(3450-3550)	30	10	633334	12@6	CP_16QAM	19.97	PASS
n78(3450-3550)	30	10	633334	1@1	CP_16QAM	19.99	PASS
n78(3450-3550)	30	10	633334	1@22	CP_16QAM	19.95	PASS
n78(3450-3550)	30	10	633334	24@0	CP_64QAM	18.33	PASS
n78(3450-3550)	30	10	633334	12@6	CP_64QAM	18.35	PASS
n78(3450-3550)	30	10	633334	1@1	CP_64QAM	18.1	PASS
n78(3450-3550)	30	10	633334	1@22	CP_64QAM	18.1	PASS
n78(3450-3550)	30	10	633334	24@0	CP_256QAM	15.29	PASS
n78(3450-3550)	30	10	633334	12@6	CP_256QAM	15.23	PASS
n78(3450-3550)	30	10	633334	1@1	CP_256QAM	15.4	PASS
n78(3450-3550)	30	10	633334	1@22	CP_256QAM	15.39	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	21.57	PASS



n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	22.02	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	22.02	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	21.97	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	21.01	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	21.98	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	22.08	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	22.03	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	20	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	21.06	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	20.93	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	20.87	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	19.61	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	19.58	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	19.54	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	19.51	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	17.58	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	17.67	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	17.5	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	17.49	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	19.02	PASS
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	20.45	PASS
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	20.63	PASS
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	20.58	PASS
n78(3450-3550)	30	10	636332	24@0	CP_16QAM	19.03	PASS
n78(3450-3550)	30	10	636332	12@6	CP_16QAM	20.21	PASS
n78(3450-3550)	30	10	636332	1@1	CP_16QAM	20.24	PASS
n78(3450-3550)	30	10	636332	1@22	CP_16QAM	20.11	PASS
n78(3450-3550)	30	10	636332	24@0	CP_64QAM	18.64	PASS
n78(3450-3550)	30	10	636332	12@6	CP_64QAM	18.64	PASS
n78(3450-3550)	30	10	636332	1@1	CP_64QAM	18.37	PASS
n78(3450-3550)	30	10	636332	1@22	CP_64QAM	18.3	PASS
n78(3450-3550)	30	10	636332	24@0	CP_256QAM	15.58	PASS
n78(3450-3550)	30	10	636332	12@6	CP_256QAM	15.64	PASS
n78(3450-3550)	30	10	636332	1@1	CP_256QAM	15.65	PASS
n78(3450-3550)	30	10	636332	1@22	CP_256QAM	15.62	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	21.59	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	22.1	PASS



n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	22	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	21.99	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	21.07	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	22.08	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	22.03	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	22	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	20.08	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	21.07	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	20.81	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	20.78	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	19.54	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	19.65	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	19.49	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	19.49	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	17.55	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	17.53	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	17.51	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	17.48	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	19.02	PASS
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	20.46	PASS
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	20.52	PASS
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	20.48	PASS
n78(3450-3550)	30	15	630500	38@0	CP_16QAM	19.09	PASS
n78(3450-3550)	30	15	630500	19@9	CP_16QAM	20.02	PASS
n78(3450-3550)	30	15	630500	1@1	CP_16QAM	20.07	PASS
n78(3450-3550)	30	15	630500	1@36	CP_16QAM	20.03	PASS
n78(3450-3550)	30	15	630500	38@0	CP_64QAM	18.55	PASS
n78(3450-3550)	30	15	630500	19@9	CP_64QAM	18.56	PASS
n78(3450-3550)	30	15	630500	1@1	CP_64QAM	18.34	PASS
n78(3450-3550)	30	15	630500	1@36	CP_64QAM	18.29	PASS
n78(3450-3550)	30	15	630500	38@0	CP_256QAM	15.58	PASS
n78(3450-3550)	30	15	630500	19@9	CP_256QAM	15.64	PASS
n78(3450-3550)	30	15	630500	1@1	CP_256QAM	15.64	PASS
n78(3450-3550)	30	15	630500	1@36	CP_256QAM	15.57	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	21.38	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	21.95	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	21.84	PASS



n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	21.82	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	20.91	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	21.96	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	21.87	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	21.85	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	19.89	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	20.88	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	20.62	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	20.62	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	19.41	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	19.5	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	19.36	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	19.31	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	17.38	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	17.41	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	17.34	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	17.33	PASS
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	18.83	PASS
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	20.32	PASS
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	20.38	PASS
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	20.35	PASS
n78(3450-3550)	30	15	633334	38@0	CP_16QAM	18.9	PASS
n78(3450-3550)	30	15	633334	19@9	CP_16QAM	19.95	PASS
n78(3450-3550)	30	15	633334	1@1	CP_16QAM	19.84	PASS
n78(3450-3550)	30	15	633334	1@36	CP_16QAM	19.81	PASS
n78(3450-3550)	30	15	633334	38@0	CP_64QAM	18.44	PASS
n78(3450-3550)	30	15	633334	19@9	CP_64QAM	18.4	PASS
n78(3450-3550)	30	15	633334	1@1	CP_64QAM	18.17	PASS
n78(3450-3550)	30	15	633334	1@36	CP_64QAM	18.15	PASS
n78(3450-3550)	30	15	633334	38@0	CP_256QAM	15.45	PASS
n78(3450-3550)	30	15	633334	19@9	CP_256QAM	15.52	PASS
n78(3450-3550)	30	15	633334	1@1	CP_256QAM	15.51	PASS
n78(3450-3550)	30	15	633334	1@36	CP_256QAM	15.45	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	21.61	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	22.18	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	22.08	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	22.02	PASS



n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	21.15	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	22.21	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	22.15	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	22.08	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	20.19	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	21.14	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	20.89	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	20.83	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	19.63	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	19.75	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	19.63	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	19.56	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	17.64	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	17.62	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	17.62	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	17.56	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	19.09	PASS
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	20.65	PASS
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	20.72	PASS
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	20.62	PASS
n78(3450-3550)	30	15	636166	38@0	CP_16QAM	19.18	PASS
n78(3450-3550)	30	15	636166	19@9	CP_16QAM	20.17	PASS
n78(3450-3550)	30	15	636166	1@1	CP_16QAM	20.19	PASS
n78(3450-3550)	30	15	636166	1@36	CP_16QAM	20.13	PASS
n78(3450-3550)	30	15	636166	38@0	CP_64QAM	18.58	PASS
n78(3450-3550)	30	15	636166	19@9	CP_64QAM	18.65	PASS
n78(3450-3550)	30	15	636166	1@1	CP_64QAM	18.45	PASS
n78(3450-3550)	30	15	636166	1@36	CP_64QAM	18.34	PASS
n78(3450-3550)	30	15	636166	38@0	CP_256QAM	15.69	PASS
n78(3450-3550)	30	15	636166	19@9	CP_256QAM	15.72	PASS
n78(3450-3550)	30	15	636166	1@1	CP_256QAM	15.74	PASS
n78(3450-3550)	30	15	636166	1@36	CP_256QAM	15.69	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	21.59	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	22.05	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	22.01	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	21.93	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	21.09	PASS



n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	22.1	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	22.04	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	22	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	20.02	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	21.02	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	20.81	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	20.78	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	19.54	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	19.55	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	19.53	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	19.5	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	17.53	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	17.55	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	17.55	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	17.5	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	19.04	PASS
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	20.5	PASS
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	20.58	PASS
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	20.55	PASS
n78(3450-3550)	30	20	630668	51@0	CP_16QAM	19.05	PASS
n78(3450-3550)	30	20	630668	25@12	CP_16QAM	20.07	PASS
n78(3450-3550)	30	20	630668	1@1	CP_16QAM	20.01	PASS
n78(3450-3550)	30	20	630668	1@49	CP_16QAM	19.91	PASS
n78(3450-3550)	30	20	630668	51@0	CP_64QAM	18.52	PASS
n78(3450-3550)	30	20	630668	25@12	CP_64QAM	18.6	PASS
n78(3450-3550)	30	20	630668	1@1	CP_64QAM	18.26	PASS
n78(3450-3550)	30	20	630668	1@49	CP_64QAM	18.24	PASS
n78(3450-3550)	30	20	630668	51@0	CP_256QAM	15.63	PASS
n78(3450-3550)	30	20	630668	25@12	CP_256QAM	15.61	PASS
n78(3450-3550)	30	20	630668	1@1	CP_256QAM	15.66	PASS
n78(3450-3550)	30	20	630668	1@49	CP_256QAM	15.58	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	21.39	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	21.9	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	21.78	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	21.78	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	20.89	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	21.92	PASS



n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	21.83	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	21.82	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	19.85	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	20.89	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	20.66	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	20.62	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	19.37	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	19.43	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	19.32	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	19.31	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	17.34	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	17.44	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	17.34	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	17.36	PASS
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	18.86	PASS
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	20.4	PASS
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	20.37	PASS
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	20.33	PASS
n78(3450-3550)	30	20	633334	51@0	CP_16QAM	18.87	PASS
n78(3450-3550)	30	20	633334	25@12	CP_16QAM	19.93	PASS
n78(3450-3550)	30	20	633334	1@1	CP_16QAM	19.94	PASS
n78(3450-3550)	30	20	633334	1@49	CP_16QAM	19.86	PASS
n78(3450-3550)	30	20	633334	51@0	CP_64QAM	18.37	PASS
n78(3450-3550)	30	20	633334	25@12	CP_64QAM	18.49	PASS
n78(3450-3550)	30	20	633334	1@1	CP_64QAM	18.14	PASS
n78(3450-3550)	30	20	633334	1@49	CP_64QAM	18.1	PASS
n78(3450-3550)	30	20	633334	51@0	CP_256QAM	15.42	PASS
n78(3450-3550)	30	20	633334	25@12	CP_256QAM	15.5	PASS
n78(3450-3550)	30	20	633334	1@1	CP_256QAM	15.49	PASS
n78(3450-3550)	30	20	633334	1@49	CP_256QAM	15.44	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	21.63	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	22.14	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	22.08	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	22.02	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	21.15	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	22.21	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	22.12	PASS



n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	22.03	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	20.07	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	21.13	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	20.92	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	20.84	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	19.58	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	19.62	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	19.66	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	19.56	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	17.58	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	17.66	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	17.63	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	17.51	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	19.09	PASS
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	20.65	PASS
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	20.63	PASS
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	20.58	PASS
n78(3450-3550)	30	20	636000	51@0	CP_16QAM	19.09	PASS
n78(3450-3550)	30	20	636000	25@12	CP_16QAM	20.23	PASS
n78(3450-3550)	30	20	636000	1@1	CP_16QAM	20.2	PASS
n78(3450-3550)	30	20	636000	1@49	CP_16QAM	20.03	PASS
n78(3450-3550)	30	20	636000	51@0	CP_64QAM	18.58	PASS
n78(3450-3550)	30	20	636000	25@12	CP_64QAM	18.73	PASS
n78(3450-3550)	30	20	636000	1@1	CP_64QAM	18.44	PASS
n78(3450-3550)	30	20	636000	1@49	CP_64QAM	18.32	PASS
n78(3450-3550)	30	20	636000	51@0	CP_256QAM	15.73	PASS
n78(3450-3550)	30	20	636000	25@12	CP_256QAM	15.72	PASS
n78(3450-3550)	30	20	636000	1@1	CP_256QAM	15.76	PASS
n78(3450-3550)	30	20	636000	1@49	CP_256QAM	15.69	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	21.56	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	22.05	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.05	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	21.88	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	21.01	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	22.02	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.04	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	21.89	PASS



n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	20.03	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	20.99	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	20.87	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	20.7	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	19.47	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	19.52	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	19.6	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	19.42	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	17.47	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	17.48	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	17.59	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	17.41	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	19	PASS
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	20.48	PASS
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	20.56	PASS
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	20.4	PASS
n78(3450-3550)	30	40	631334	106@0	CP_16QAM	19.04	PASS
n78(3450-3550)	30	40	631334	53@26	CP_16QAM	19.98	PASS
n78(3450-3550)	30	40	631334	1@1	CP_16QAM	20.07	PASS
n78(3450-3550)	30	40	631334	1@104	CP_16QAM	19.98	PASS
n78(3450-3550)	30	40	631334	106@0	CP_64QAM	18.52	PASS
n78(3450-3550)	30	40	631334	53@26	CP_64QAM	18.55	PASS
n78(3450-3550)	30	40	631334	1@1	CP_64QAM	18.33	PASS
n78(3450-3550)	30	40	631334	1@104	CP_64QAM	18.17	PASS
n78(3450-3550)	30	40	631334	106@0	CP_256QAM	15.53	PASS
n78(3450-3550)	30	40	631334	53@26	CP_256QAM	15.55	PASS
n78(3450-3550)	30	40	631334	1@1	CP_256QAM	15.66	PASS
n78(3450-3550)	30	40	631334	1@104	CP_256QAM	15.49	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	21.37	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	21.89	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	21.84	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	21.73	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	20.86	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	21.86	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	21.89	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	21.78	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	19.84	PASS



n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	20.82	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	20.71	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	20.57	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	19.36	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	19.35	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	19.39	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.26	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	17.36	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	17.33	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	17.39	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	17.29	PASS
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	18.82	PASS
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	20.35	PASS
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	20.39	PASS
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	20.3	PASS
n78(3450-3550)	30	40	633334	106@0	CP_16QAM	18.89	PASS
n78(3450-3550)	30	40	633334	53@26	CP_16QAM	19.81	PASS
n78(3450-3550)	30	40	633334	1@1	CP_16QAM	19.93	PASS
n78(3450-3550)	30	40	633334	1@104	CP_16QAM	19.87	PASS
n78(3450-3550)	30	40	633334	106@0	CP_64QAM	18.34	PASS
n78(3450-3550)	30	40	633334	53@26	CP_64QAM	18.4	PASS
n78(3450-3550)	30	40	633334	1@1	CP_64QAM	18.19	PASS
n78(3450-3550)	30	40	633334	1@104	CP_64QAM	18.06	PASS
n78(3450-3550)	30	40	633334	106@0	CP_256QAM	15.35	PASS
n78(3450-3550)	30	40	633334	53@26	CP_256QAM	15.37	PASS
n78(3450-3550)	30	40	633334	1@1	CP_256QAM	15.53	PASS
n78(3450-3550)	30	40	633334	1@104	CP_256QAM	15.41	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	21.38	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	21.93	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	21.88	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	21.72	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	20.88	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	21.9	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	21.95	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	21.8	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	19.84	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	20.87	PASS



n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	20.72	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	20.54	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	19.36	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	19.42	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	19.41	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	19.31	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	17.36	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	17.38	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	17.44	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	17.31	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	18.86	PASS
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	20.42	PASS
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	20.43	PASS
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	20.28	PASS
n78(3450-3550)	30	40	635332	106@0	CP_16QAM	18.85	PASS
n78(3450-3550)	30	40	635332	53@26	CP_16QAM	19.89	PASS
n78(3450-3550)	30	40	635332	1@1	CP_16QAM	20.03	PASS
n78(3450-3550)	30	40	635332	1@104	CP_16QAM	19.86	PASS
n78(3450-3550)	30	40	635332	106@0	CP_64QAM	18.36	PASS
n78(3450-3550)	30	40	635332	53@26	CP_64QAM	18.43	PASS
n78(3450-3550)	30	40	635332	1@1	CP_64QAM	18.18	PASS
n78(3450-3550)	30	40	635332	1@104	CP_64QAM	18.06	PASS
n78(3450-3550)	30	40	635332	106@0	CP_256QAM	15.36	PASS
n78(3450-3550)	30	40	635332	53@26	CP_256QAM	15.43	PASS
n78(3450-3550)	30	40	635332	1@1	CP_256QAM	15.56	PASS
n78(3450-3550)	30	40	635332	1@104	CP_256QAM	15.41	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	21.52	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	22.01	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	21.94	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	21.81	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	21	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	22.01	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	22.01	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	21.83	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	20.02	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	20.94	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	20.81	PASS



n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	20.67	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	19.55	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	19.51	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	19.47	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	19.35	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	17.48	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	17.51	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	17.53	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	17.39	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	19.01	PASS
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	20.47	PASS
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	20.49	PASS
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	20.34	PASS
n78(3450-3550)	30	50	631668	133@0	CP_16QAM	18.97	PASS
n78(3450-3550)	30	50	631668	67@33	CP_16QAM	20	PASS
n78(3450-3550)	30	50	631668	1@1	CP_16QAM	20.02	PASS
n78(3450-3550)	30	50	631668	1@131	CP_16QAM	19.8	PASS
n78(3450-3550)	30	50	631668	133@0	CP_64QAM	18.5	PASS
n78(3450-3550)	30	50	631668	67@33	CP_64QAM	18.5	PASS
n78(3450-3550)	30	50	631668	1@1	CP_64QAM	18.3	PASS
n78(3450-3550)	30	50	631668	1@131	CP_64QAM	18.11	PASS
n78(3450-3550)	30	50	631668	133@0	CP_256QAM	15.51	PASS
n78(3450-3550)	30	50	631668	67@33	CP_256QAM	15.53	PASS
n78(3450-3550)	30	50	631668	1@1	CP_256QAM	15.64	PASS
n78(3450-3550)	30	50	631668	1@131	CP_256QAM	15.43	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	21.4	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	21.9	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	21.82	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	21.67	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	20.89	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	21.9	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	21.88	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	21.76	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	19.92	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	20.82	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	20.67	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	20.5	PASS



n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	19.4	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	19.41	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	19.35	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	19.24	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	17.42	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	17.39	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	17.4	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	17.25	PASS
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	18.88	PASS
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	20.38	PASS
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	20.47	PASS
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	20.31	PASS
n78(3450-3550)	30	50	633334	133@0	CP_16QAM	18.85	PASS
n78(3450-3550)	30	50	633334	67@33	CP_16QAM	19.84	PASS
n78(3450-3550)	30	50	633334	1@1	CP_16QAM	19.89	PASS
n78(3450-3550)	30	50	633334	1@131	CP_16QAM	19.72	PASS
n78(3450-3550)	30	50	633334	133@0	CP_64QAM	18.36	PASS
n78(3450-3550)	30	50	633334	67@33	CP_64QAM	18.38	PASS
n78(3450-3550)	30	50	633334	1@1	CP_64QAM	18.14	PASS
n78(3450-3550)	30	50	633334	1@131	CP_64QAM	17.98	PASS
n78(3450-3550)	30	50	633334	133@0	CP_256QAM	15.41	PASS
n78(3450-3550)	30	50	633334	67@33	CP_256QAM	15.41	PASS
n78(3450-3550)	30	50	633334	1@1	CP_256QAM	15.5	PASS
n78(3450-3550)	30	50	633334	1@131	CP_256QAM	15.34	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	21.42	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	21.9	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	21.87	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	21.69	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	20.94	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	21.93	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	21.95	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	21.77	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	19.9	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	20.88	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	20.74	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	20.54	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	19.4	PASS



n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	19.43	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	19.44	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	19.26	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	17.45	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	17.44	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	17.48	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	17.3	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	18.93	PASS
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	20.43	PASS
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	20.43	PASS
n78(3450-3550)	30	50	635000	1@131	CP_QPSK	20.26	PASS
n78(3450-3550)	30	50	635000	133@0	CP_16QAM	18.91	PASS
n78(3450-3550)	30	50	635000	67@33	CP_16QAM	19.9	PASS
n78(3450-3550)	30	50	635000	1@1	CP_16QAM	19.97	PASS
n78(3450-3550)	30	50	635000	1@131	CP_16QAM	19.79	PASS
n78(3450-3550)	30	50	635000	133@0	CP_64QAM	18.37	PASS
n78(3450-3550)	30	50	635000	67@33	CP_64QAM	18.38	PASS
n78(3450-3550)	30	50	635000	1@1	CP_64QAM	18.2	PASS
n78(3450-3550)	30	50	635000	1@131	CP_64QAM	18.05	PASS
n78(3450-3550)	30	50	635000	133@0	CP_256QAM	15.45	PASS
n78(3450-3550)	30	50	635000	67@33	CP_256QAM	15.43	PASS
n78(3450-3550)	30	50	635000	1@1	CP_256QAM	15.55	PASS
n78(3450-3550)	30	50	635000	1@131	CP_256QAM	15.39	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	21.46	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	21.96	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	21.99	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	21.74	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	20.96	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	21.94	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	21.99	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	21.78	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	19.94	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	20.97	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	20.8	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	20.55	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	19.46	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	19.47	PASS



n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	19.59	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	19.31	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	17.46	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	17.47	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	17.51	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	17.31	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	18.95	PASS
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	20.43	PASS
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	20.52	PASS
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	20.31	PASS
n78(3450-3550)	30	60	632000	162@0	CP_16QAM	18.92	PASS
n78(3450-3550)	30	60	632000	81@40	CP_16QAM	19.93	PASS
n78(3450-3550)	30	60	632000	1@1	CP_16QAM	20.03	PASS
n78(3450-3550)	30	60	632000	1@160	CP_16QAM	19.76	PASS
n78(3450-3550)	30	60	632000	162@0	CP_64QAM	18.41	PASS
n78(3450-3550)	30	60	632000	81@40	CP_64QAM	18.45	PASS
n78(3450-3550)	30	60	632000	1@1	CP_64QAM	18.26	PASS
n78(3450-3550)	30	60	632000	1@160	CP_64QAM	18.05	PASS
n78(3450-3550)	30	60	632000	162@0	CP_256QAM	15.46	PASS
n78(3450-3550)	30	60	632000	81@40	CP_256QAM	15.5	PASS
n78(3450-3550)	30	60	632000	1@1	CP_256QAM	15.59	PASS
n78(3450-3550)	30	60	632000	1@160	CP_256QAM	15.36	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	21.34	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	21.87	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	21.79	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	21.64	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	20.83	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	21.84	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	21.86	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	21.69	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	19.84	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	20.84	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	20.64	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	20.44	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	19.34	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	19.37	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	19.4	PASS



n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	19.27	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	17.34	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	17.35	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	17.32	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	17.2	PASS
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	18.84	PASS
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	20.3	PASS
n78(3450-3550)	30	60	633334	1@1	CP_QPSK	20.38	PASS
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	20.2	PASS
n78(3450-3550)	30	60	633334	162@0	CP_16QAM	18.8	PASS
n78(3450-3550)	30	60	633334	81@40	CP_16QAM	19.78	PASS
n78(3450-3550)	30	60	633334	1@1	CP_16QAM	19.86	PASS
n78(3450-3550)	30	60	633334	1@160	CP_16QAM	19.71	PASS
n78(3450-3550)	30	60	633334	162@0	CP_64QAM	18.3	PASS
n78(3450-3550)	30	60	633334	81@40	CP_64QAM	18.32	PASS
n78(3450-3550)	30	60	633334	1@1	CP_64QAM	18.12	PASS
n78(3450-3550)	30	60	633334	1@160	CP_64QAM	17.96	PASS
n78(3450-3550)	30	60	633334	162@0	CP_256QAM	15.32	PASS
n78(3450-3550)	30	60	633334	81@40	CP_256QAM	15.38	PASS
n78(3450-3550)	30	60	633334	1@1	CP_256QAM	15.45	PASS
n78(3450-3550)	30	60	633334	1@160	CP_256QAM	15.28	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	21.4	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	21.95	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	21.86	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	21.67	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	20.91	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	21.89	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	21.92	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	21.71	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	19.88	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	20.92	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	20.72	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	20.49	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	19.41	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	19.47	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	19.47	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	19.27	PASS



n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	17.38	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	17.42	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	17.42	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	17.21	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	18.86	PASS
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	20.36	PASS
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	20.44	PASS
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	20.22	PASS
n78(3450-3550)	30	60	634666	162@0	CP_16QAM	18.86	PASS
n78(3450-3550)	30	60	634666	81@40	CP_16QAM	19.87	PASS
n78(3450-3550)	30	60	634666	1@1	CP_16QAM	19.89	PASS
n78(3450-3550)	30	60	634666	1@160	CP_16QAM	19.74	PASS
n78(3450-3550)	30	60	634666	162@0	CP_64QAM	18.39	PASS
n78(3450-3550)	30	60	634666	81@40	CP_64QAM	18.39	PASS
n78(3450-3550)	30	60	634666	1@1	CP_64QAM	18.23	PASS
n78(3450-3550)	30	60	634666	1@160	CP_64QAM	17.96	PASS
n78(3450-3550)	30	60	634666	162@0	CP_256QAM	15.41	PASS
n78(3450-3550)	30	60	634666	81@40	CP_256QAM	15.42	PASS
n78(3450-3550)	30	60	634666	1@1	CP_256QAM	15.54	PASS
n78(3450-3550)	30	60	634666	1@160	CP_256QAM	15.29	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	21.38	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	21.91	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	21.88	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	21.62	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	20.88	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	21.92	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	21.93	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	21.66	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	19.9	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	20.91	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	20.69	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	20.44	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	19.38	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	19.42	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	19.45	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	19.17	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	17.38	PASS



n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	17.41	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	17.39	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	17.12	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	18.89	PASS
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	20.37	PASS
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	20.41	PASS
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	20.16	PASS
n78(3450-3550)	30	70	632334	189@0	CP_16QAM	18.85	PASS
n78(3450-3550)	30	70	632334	95@47	CP_16QAM	19.88	PASS
n78(3450-3550)	30	70	632334	1@1	CP_16QAM	19.92	PASS
n78(3450-3550)	30	70	632334	1@187	CP_16QAM	19.63	PASS
n78(3450-3550)	30	70	632334	189@0	CP_64QAM	18.39	PASS
n78(3450-3550)	30	70	632334	95@47	CP_64QAM	18.43	PASS
n78(3450-3550)	30	70	632334	1@1	CP_64QAM	18.2	PASS
n78(3450-3550)	30	70	632334	1@187	CP_64QAM	17.95	PASS
n78(3450-3550)	30	70	632334	189@0	CP_256QAM	15.49	PASS
n78(3450-3550)	30	70	632334	95@47	CP_256QAM	15.44	PASS
n78(3450-3550)	30	70	632334	1@1	CP_256QAM	15.48	PASS
n78(3450-3550)	30	70	632334	1@187	CP_256QAM	15.17	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	21.43	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	21.94	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	21.87	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	21.59	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	20.88	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	21.91	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	21.89	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	21.63	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	19.88	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	20.91	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	20.76	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	20.45	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	19.42	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	19.44	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	19.37	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.15	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	17.42	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	17.45	PASS



n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	17.37	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	17.13	PASS
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	18.91	PASS
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	20.39	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	20.45	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	20.16	PASS
n78(3450-3550)	30	70	633334	189@0	CP_16QAM	18.9	PASS
n78(3450-3550)	30	70	633334	95@47	CP_16QAM	19.89	PASS
n78(3450-3550)	30	70	633334	1@1	CP_16QAM	19.92	PASS
n78(3450-3550)	30	70	633334	1@187	CP_16QAM	19.65	PASS
n78(3450-3550)	30	70	633334	189@0	CP_64QAM	18.38	PASS
n78(3450-3550)	30	70	633334	95@47	CP_64QAM	18.4	PASS
n78(3450-3550)	30	70	633334	1@1	CP_64QAM	18.22	PASS
n78(3450-3550)	30	70	633334	1@187	CP_64QAM	17.94	PASS
n78(3450-3550)	30	70	633334	189@0	CP_256QAM	15.4	PASS
n78(3450-3550)	30	70	633334	95@47	CP_256QAM	15.43	PASS
n78(3450-3550)	30	70	633334	1@1	CP_256QAM	15.5	PASS
n78(3450-3550)	30	70	633334	1@187	CP_256QAM	15.2	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	21.52	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	22.07	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	21.99	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	21.64	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	20.98	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	22.03	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	22.04	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	21.74	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	20	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	21.05	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	20.83	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	20.51	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	19.49	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	19.55	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	19.61	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.27	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	17.51	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	17.58	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	17.51	PASS



n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	17.2	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	19	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	20.47	PASS
n78(3450-3550)	30	70	634332	1@1	CP_QPSK	20.53	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	20.23	PASS
n78(3450-3550)	30	70	634332	189@0	CP_16QAM	18.99	PASS
n78(3450-3550)	30	70	634332	95@47	CP_16QAM	19.98	PASS
n78(3450-3550)	30	70	634332	1@1	CP_16QAM	19.99	PASS
n78(3450-3550)	30	70	634332	1@187	CP_16QAM	19.66	PASS
n78(3450-3550)	30	70	634332	189@0	CP_64QAM	18.49	PASS
n78(3450-3550)	30	70	634332	95@47	CP_64QAM	18.51	PASS
n78(3450-3550)	30	70	634332	1@1	CP_64QAM	18.32	PASS
n78(3450-3550)	30	70	634332	1@187	CP_64QAM	17.99	PASS
n78(3450-3550)	30	70	634332	189@0	CP_256QAM	15.49	PASS
n78(3450-3550)	30	70	634332	95@47	CP_256QAM	15.53	PASS
n78(3450-3550)	30	70	634332	1@1	CP_256QAM	15.58	PASS
n78(3450-3550)	30	70	634332	1@187	CP_256QAM	15.26	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	21.42	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	21.92	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	21.94	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	21.61	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	20.91	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	21.91	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	21.97	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	21.61	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	19.87	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	20.89	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	20.79	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	20.46	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	19.41	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	19.46	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	19.42	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.11	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	17.46	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	17.44	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	17.42	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	17.08	PASS



n78(3450-3550)	30	80	632668	217@0	CP_QPSK	18.89	PASS
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	20.35	PASS
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	20.49	PASS
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	20.1	PASS
n78(3450-3550)	30	80	632668	217@0	CP_16QAM	18.88	PASS
n78(3450-3550)	30	80	632668	109@54	CP_16QAM	19.86	PASS
n78(3450-3550)	30	80	632668	1@1	CP_16QAM	19.93	PASS
n78(3450-3550)	30	80	632668	1@215	CP_16QAM	19.62	PASS
n78(3450-3550)	30	80	632668	217@0	CP_64QAM	18.42	PASS
n78(3450-3550)	30	80	632668	109@54	CP_64QAM	18.39	PASS
n78(3450-3550)	30	80	632668	1@1	CP_64QAM	18.23	PASS
n78(3450-3550)	30	80	632668	1@215	CP_64QAM	17.91	PASS
n78(3450-3550)	30	80	632668	217@0	CP_256QAM	15.43	PASS
n78(3450-3550)	30	80	632668	109@54	CP_256QAM	15.47	PASS
n78(3450-3550)	30	80	632668	1@1	CP_256QAM	15.52	PASS
n78(3450-3550)	30	80	632668	1@215	CP_256QAM	15.2	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	21.4	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	21.94	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	21.9	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	21.6	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	20.86	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	21.89	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	21.96	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	21.61	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	19.87	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	20.91	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	20.78	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	20.44	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	19.38	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	19.45	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	19.44	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.13	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	17.38	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	17.44	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	17.42	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	17.08	PASS
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	18.86	PASS



n78(3450-3550)	30	80	633334	109@54	CP_QPSK	20.37	PASS
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	20.48	PASS
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	20.11	PASS
n78(3450-3550)	30	80	633334	217@0	CP_16QAM	18.85	PASS
n78(3450-3550)	30	80	633334	109@54	CP_16QAM	19.88	PASS
n78(3450-3550)	30	80	633334	1@1	CP_16QAM	19.92	PASS
n78(3450-3550)	30	80	633334	1@215	CP_16QAM	19.66	PASS
n78(3450-3550)	30	80	633334	217@0	CP_64QAM	18.39	PASS
n78(3450-3550)	30	80	633334	109@54	CP_64QAM	18.39	PASS
n78(3450-3550)	30	80	633334	1@1	CP_64QAM	18.26	PASS
n78(3450-3550)	30	80	633334	1@215	CP_64QAM	17.9	PASS
n78(3450-3550)	30	80	633334	217@0	CP_256QAM	15.4	PASS
n78(3450-3550)	30	80	633334	109@54	CP_256QAM	15.42	PASS
n78(3450-3550)	30	80	633334	1@1	CP_256QAM	15.53	PASS
n78(3450-3550)	30	80	633334	1@215	CP_256QAM	15.18	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	21.43	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	22.04	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	21.99	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	21.63	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	20.96	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	22.01	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.02	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	21.67	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	19.92	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	21	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	20.84	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	20.5	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	19.48	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	19.54	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	19.48	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.15	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	17.49	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	17.55	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	17.48	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	17.13	PASS
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	18.94	PASS
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	20.47	PASS



n78(3450-3550)	30	80	634000	1@1	CP_QPSK	20.54	PASS
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	20.18	PASS
n78(3450-3550)	30	80	634000	217@0	CP_16QAM	18.93	PASS
n78(3450-3550)	30	80	634000	109@54	CP_16QAM	19.98	PASS
n78(3450-3550)	30	80	634000	1@1	CP_16QAM	19.98	PASS
n78(3450-3550)	30	80	634000	1@215	CP_16QAM	19.69	PASS
n78(3450-3550)	30	80	634000	217@0	CP_64QAM	18.47	PASS
n78(3450-3550)	30	80	634000	109@54	CP_64QAM	18.51	PASS
n78(3450-3550)	30	80	634000	1@1	CP_64QAM	18.3	PASS
n78(3450-3550)	30	80	634000	1@215	CP_64QAM	17.97	PASS
n78(3450-3550)	30	80	634000	217@0	CP_256QAM	15.49	PASS
n78(3450-3550)	30	80	634000	109@54	CP_256QAM	15.58	PASS
n78(3450-3550)	30	80	634000	1@1	CP_256QAM	15.58	PASS
n78(3450-3550)	30	80	634000	1@215	CP_256QAM	15.25	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	21.37	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	21.9	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	21.87	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	21.51	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	20.86	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	21.88	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	21.91	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	21.55	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	19.86	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	20.89	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	20.72	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	20.37	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	19.37	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	19.42	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	19.39	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.02	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	17.38	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	17.44	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	17.36	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	17.04	PASS
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	18.85	PASS
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	20.35	PASS
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	20.38	PASS



n78(3450-3550)	30	90	633000	1@243	CP_QPSK	20.04	PASS
n78(3450-3550)	30	90	633000	245@0	CP_16QAM	18.8	PASS
n78(3450-3550)	30	90	633000	123@61	CP_16QAM	19.85	PASS
n78(3450-3550)	30	90	633000	1@1	CP_16QAM	19.85	PASS
n78(3450-3550)	30	90	633000	1@243	CP_16QAM	19.54	PASS
n78(3450-3550)	30	90	633000	245@0	CP_64QAM	18.36	PASS
n78(3450-3550)	30	90	633000	123@61	CP_64QAM	18.38	PASS
n78(3450-3550)	30	90	633000	1@1	CP_64QAM	18.13	PASS
n78(3450-3550)	30	90	633000	1@243	CP_64QAM	17.84	PASS
n78(3450-3550)	30	90	633000	245@0	CP_256QAM	15.37	PASS
n78(3450-3550)	30	90	633000	123@61	CP_256QAM	15.4	PASS
n78(3450-3550)	30	90	633000	1@1	CP_256QAM	15.44	PASS
n78(3450-3550)	30	90	633000	1@243	CP_256QAM	15.1	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	21.39	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	21.93	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	21.86	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	21.54	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	20.89	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	21.93	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	21.93	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	21.58	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	19.91	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	20.94	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	20.71	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	20.37	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	19.4	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	19.45	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	19.38	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.02	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	17.43	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	17.48	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	17.36	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	17.03	PASS
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	18.87	PASS
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	20.37	PASS
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	20.42	PASS
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	20.05	PASS



n78(3450-3550)	30	90	633334	245@0	CP_16QAM	18.88	PASS
n78(3450-3550)	30	90	633334	123@61	CP_16QAM	19.9	PASS
n78(3450-3550)	30	90	633334	1@1	CP_16QAM	19.91	PASS
n78(3450-3550)	30	90	633334	1@243	CP_16QAM	19.55	PASS
n78(3450-3550)	30	90	633334	245@0	CP_64QAM	18.4	PASS
n78(3450-3550)	30	90	633334	123@61	CP_64QAM	18.42	PASS
n78(3450-3550)	30	90	633334	1@1	CP_64QAM	18.22	PASS
n78(3450-3550)	30	90	633334	1@243	CP_64QAM	17.85	PASS
n78(3450-3550)	30	90	633334	245@0	CP_256QAM	15.4	PASS
n78(3450-3550)	30	90	633334	123@61	CP_256QAM	15.42	PASS
n78(3450-3550)	30	90	633334	1@1	CP_256QAM	15.47	PASS
n78(3450-3550)	30	90	633334	1@243	CP_256QAM	15.11	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	21.55	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	22.09	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.05	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	21.61	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	21.04	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	22.06	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.09	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	21.66	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	20.03	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	21.07	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	20.89	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	20.5	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	19.53	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	19.58	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	19.58	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.14	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	17.57	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	17.61	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	17.55	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	17.08	PASS
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	19.01	PASS
n78(3450-3550)	30	90	633666	123@61	CP_QPSK	20.5	PASS
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	20.58	PASS
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	20.24	PASS
n78(3450-3550)	30	90	633666	245@0	CP_16QAM	18.97	PASS



n78(3450-3550)	30	90	633666	123@61	CP_16QAM	20.04	PASS
n78(3450-3550)	30	90	633666	1@1	CP_16QAM	20.11	PASS
n78(3450-3550)	30	90	633666	1@243	CP_16QAM	19.76	PASS
n78(3450-3550)	30	90	633666	245@0	CP_64QAM	18.49	PASS
n78(3450-3550)	30	90	633666	123@61	CP_64QAM	18.56	PASS
n78(3450-3550)	30	90	633666	1@1	CP_64QAM	18.4	PASS
n78(3450-3550)	30	90	633666	1@243	CP_64QAM	18.01	PASS
n78(3450-3550)	30	90	633666	245@0	CP_256QAM	15.55	PASS
n78(3450-3550)	30	90	633666	123@61	CP_256QAM	15.59	PASS
n78(3450-3550)	30	90	633666	1@1	CP_256QAM	15.66	PASS
n78(3450-3550)	30	90	633666	1@243	CP_256QAM	15.27	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	21.4	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	21.95	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	21.92	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	23.43	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	22.73	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	23.75	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	23.64	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	23.51	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	21.72	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	22.78	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	22.92	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	22.77	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	21.25	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	21.31	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	21.27	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	21.15	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	19.27	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	19.35	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	19.35	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	19.19	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	20.66	PASS
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	22.2	PASS
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	22.03	PASS
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	21.86	PASS
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	20.67	PASS
n78(3450-3550)	30	100	633334	137@68	CP_16QAM	21.77	PASS



n78(3450-3550)	30	100	633334	1@1	CP_16QAM	21.53	PASS
n78(3450-3550)	30	100	633334	1@271	CP_16QAM	21.4	PASS
n78(3450-3550)	30	100	633334	273@0	CP_64QAM	20.21	PASS
n78(3450-3550)	30	100	633334	137@68	CP_64QAM	20.26	PASS
n78(3450-3550)	30	100	633334	1@1	CP_64QAM	20.2	PASS
n78(3450-3550)	30	100	633334	1@271	CP_64QAM	20.06	PASS
n78(3450-3550)	30	100	633334	273@0	CP_256QAM	17.25	PASS
n78(3450-3550)	30	100	633334	137@68	CP_256QAM	17.3	PASS
n78(3450-3550)	30	100	633334	1@1	CP_256QAM	17.34	PASS
n78(3450-3550)	30	100	633334	1@271	CP_256QAM	17.19	PASS



SA N78(3700-3800)

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Verdict
n78(3700-3800)	30	10	647000	24@0	DFT_BPSK	20.82	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	21.27	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	21.25	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	21.32	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	20.29	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	21.28	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	21.33	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	21.37	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	19.42	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	20.29	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	20.11	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	20.14	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	18.88	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	18.9	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	18.76	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	18.81	PASS
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	16.8	PASS
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	16.94	PASS
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	16.75	PASS
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	16.83	PASS
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	18.33	PASS
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	19.75	PASS
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	19.88	PASS
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	19.91	PASS
n78(3700-3800)	30	10	647000	24@0	CP_16QAM	18.22	PASS
n78(3700-3800)	30	10	647000	12@6	CP_16QAM	19.48	PASS
n78(3700-3800)	30	10	647000	1@1	CP_16QAM	19.45	PASS
n78(3700-3800)	30	10	647000	1@22	CP_16QAM	19.5	PASS
n78(3700-3800)	30	10	647000	24@0	CP_64QAM	17.86	PASS
n78(3700-3800)	30	10	647000	12@6	CP_64QAM	17.94	PASS
n78(3700-3800)	30	10	647000	1@1	CP_64QAM	17.6	PASS
n78(3700-3800)	30	10	647000	1@22	CP_64QAM	17.65	PASS
n78(3700-3800)	30	10	647000	24@0	CP_256QAM	14.77	PASS
n78(3700-3800)	30	10	647000	12@6	CP_256QAM	14.83	PASS
n78(3700-3800)	30	10	647000	1@1	CP_256QAM	14.88	PASS
n78(3700-3800)	30	10	647000	1@22	CP_256QAM	14.99	PASS



n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	21.36	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	21.82	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	21.77	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	21.84	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	20.8	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	21.85	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	21.86	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	21.97	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	19.91	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	20.88	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	20.65	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	20.74	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	19.37	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	19.36	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	19.29	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	19.42	PASS
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	17.34	PASS
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	17.51	PASS
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	17.25	PASS
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	17.38	PASS
n78(3700-3800)	30	10	650000	24@0	CP_QPSK	18.79	PASS
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	20.25	PASS
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	20.34	PASS
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	20.48	PASS
n78(3700-3800)	30	10	650000	24@0	CP_16QAM	18.71	PASS
n78(3700-3800)	30	10	650000	12@6	CP_16QAM	20.01	PASS
n78(3700-3800)	30	10	650000	1@1	CP_16QAM	19.97	PASS
n78(3700-3800)	30	10	650000	1@22	CP_16QAM	20.05	PASS
n78(3700-3800)	30	10	650000	24@0	CP_64QAM	18.36	PASS
n78(3700-3800)	30	10	650000	12@6	CP_64QAM	18.38	PASS
n78(3700-3800)	30	10	650000	1@1	CP_64QAM	18.09	PASS
n78(3700-3800)	30	10	650000	1@22	CP_64QAM	18.18	PASS
n78(3700-3800)	30	10	650000	24@0	CP_256QAM	15.27	PASS
n78(3700-3800)	30	10	650000	12@6	CP_256QAM	15.46	PASS
n78(3700-3800)	30	10	650000	1@1	CP_256QAM	15.46	PASS
n78(3700-3800)	30	10	650000	1@22	CP_256QAM	15.5	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	21.39	PASS



n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	21.86	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	21.79	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	21.93	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	20.89	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	21.89	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	21.89	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	22.03	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	19.95	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	20.83	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	20.66	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	20.84	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	19.47	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	19.46	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	19.28	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	19.42	PASS
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	17.41	PASS
n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	17.56	PASS
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	17.28	PASS
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	17.41	PASS
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	18.84	PASS
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	20.21	PASS
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	20.41	PASS
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	20.5	PASS
n78(3700-3800)	30	10	653000	24@0	CP_16QAM	18.82	PASS
n78(3700-3800)	30	10	653000	12@6	CP_16QAM	20.05	PASS
n78(3700-3800)	30	10	653000	1@1	CP_16QAM	20.02	PASS
n78(3700-3800)	30	10	653000	1@22	CP_16QAM	20.08	PASS
n78(3700-3800)	30	10	653000	24@0	CP_64QAM	18.43	PASS
n78(3700-3800)	30	10	653000	12@6	CP_64QAM	18.43	PASS
n78(3700-3800)	30	10	653000	1@1	CP_64QAM	18.15	PASS
n78(3700-3800)	30	10	653000	1@22	CP_64QAM	18.22	PASS
n78(3700-3800)	30	10	653000	24@0	CP_256QAM	15.3	PASS
n78(3700-3800)	30	10	653000	12@6	CP_256QAM	15.29	PASS
n78(3700-3800)	30	10	653000	1@1	CP_256QAM	15.47	PASS
n78(3700-3800)	30	10	653000	1@22	CP_256QAM	15.56	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	21.11	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	21.62	PASS



n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	21.47	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	21.57	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	20.58	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	21.68	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	21.53	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	21.61	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	19.61	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	20.59	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	20.29	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	20.52	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	19.09	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	19.11	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	19.02	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	19.08	PASS
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	17.08	PASS
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	17.08	PASS
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	16.99	PASS
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	17.05	PASS
n78(3700-3800)	30	15	647168	38@0	CP_QPSK	18.54	PASS
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	20.07	PASS
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	19.99	PASS
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	20.09	PASS
n78(3700-3800)	30	15	647168	38@0	CP_16QAM	18.6	PASS
n78(3700-3800)	30	15	647168	19@9	CP_16QAM	19.66	PASS
n78(3700-3800)	30	15	647168	1@1	CP_16QAM	19.59	PASS
n78(3700-3800)	30	15	647168	1@36	CP_16QAM	19.64	PASS
n78(3700-3800)	30	15	647168	38@0	CP_64QAM	18.12	PASS
n78(3700-3800)	30	15	647168	19@9	CP_64QAM	18.1	PASS
n78(3700-3800)	30	15	647168	1@1	CP_64QAM	17.84	PASS
n78(3700-3800)	30	15	647168	1@36	CP_64QAM	17.87	PASS
n78(3700-3800)	30	15	647168	38@0	CP_256QAM	15.2	PASS
n78(3700-3800)	30	15	647168	19@9	CP_256QAM	15.18	PASS
n78(3700-3800)	30	15	647168	1@1	CP_256QAM	15.15	PASS
n78(3700-3800)	30	15	647168	1@36	CP_256QAM	15.19	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	21.5	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	22.02	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_BPSK	21.88	PASS



n78(3700-3800)	30	15	650000	1@36	DFT_BPSK	21.98	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_QPSK	20.92	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_QPSK	22.03	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_QPSK	21.92	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_QPSK	22.06	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_16QAM	19.94	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_16QAM	20.98	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_16QAM	20.68	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_16QAM	20.84	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_64QAM	19.47	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_64QAM	19.56	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_64QAM	19.38	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_64QAM	19.55	PASS
n78(3700-3800)	30	15	650000	36@0	DFT_256QAM	17.38	PASS
n78(3700-3800)	30	15	650000	18@9	DFT_256QAM	17.52	PASS
n78(3700-3800)	30	15	650000	1@1	DFT_256QAM	17.38	PASS
n78(3700-3800)	30	15	650000	1@36	DFT_256QAM	17.55	PASS
n78(3700-3800)	30	15	650000	38@0	CP_QPSK	18.87	PASS
n78(3700-3800)	30	15	650000	19@9	CP_QPSK	20.45	PASS
n78(3700-3800)	30	15	650000	1@1	CP_QPSK	20.44	PASS
n78(3700-3800)	30	15	650000	1@36	CP_QPSK	20.57	PASS
n78(3700-3800)	30	15	650000	38@0	CP_16QAM	19.01	PASS
n78(3700-3800)	30	15	650000	19@9	CP_16QAM	20.02	PASS
n78(3700-3800)	30	15	650000	1@1	CP_16QAM	20.02	PASS
n78(3700-3800)	30	15	650000	1@36	CP_16QAM	20.14	PASS
n78(3700-3800)	30	15	650000	38@0	CP_64QAM	18.49	PASS
n78(3700-3800)	30	15	650000	19@9	CP_64QAM	18.46	PASS
n78(3700-3800)	30	15	650000	1@1	CP_64QAM	18.21	PASS
n78(3700-3800)	30	15	650000	1@36	CP_64QAM	18.34	PASS
n78(3700-3800)	30	15	650000	38@0	CP_256QAM	15.5	PASS
n78(3700-3800)	30	15	650000	19@9	CP_256QAM	15.62	PASS
n78(3700-3800)	30	15	650000	1@1	CP_256QAM	15.53	PASS
n78(3700-3800)	30	15	650000	1@36	CP_256QAM	15.71	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_BPSK	21.53	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_BPSK	22.07	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_BPSK	21.89	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_BPSK	22.12	PASS



n78(3700-3800)	30	15	652832	36@0	DFT_QPSK	21.05	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_QPSK	22.1	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_QPSK	21.93	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_QPSK	22.15	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_16QAM	20.04	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_16QAM	21.02	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_16QAM	20.71	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_16QAM	20.92	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_64QAM	19.53	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_64QAM	19.57	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_64QAM	19.4	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_64QAM	19.6	PASS
n78(3700-3800)	30	15	652832	36@0	DFT_256QAM	17.54	PASS
n78(3700-3800)	30	15	652832	18@9	DFT_256QAM	17.59	PASS
n78(3700-3800)	30	15	652832	1@1	DFT_256QAM	17.45	PASS
n78(3700-3800)	30	15	652832	1@36	DFT_256QAM	17.63	PASS
n78(3700-3800)	30	15	652832	38@0	CP_QPSK	19	PASS
n78(3700-3800)	30	15	652832	19@9	CP_QPSK	20.44	PASS
n78(3700-3800)	30	15	652832	1@1	CP_QPSK	20.45	PASS
n78(3700-3800)	30	15	652832	1@36	CP_QPSK	20.63	PASS
n78(3700-3800)	30	15	652832	38@0	CP_16QAM	19.07	PASS
n78(3700-3800)	30	15	652832	19@9	CP_16QAM	20.05	PASS
n78(3700-3800)	30	15	652832	1@1	CP_16QAM	20	PASS
n78(3700-3800)	30	15	652832	1@36	CP_16QAM	20.16	PASS
n78(3700-3800)	30	15	652832	38@0	CP_64QAM	18.58	PASS
n78(3700-3800)	30	15	652832	19@9	CP_64QAM	18.53	PASS
n78(3700-3800)	30	15	652832	1@1	CP_64QAM	18.22	PASS
n78(3700-3800)	30	15	652832	1@36	CP_64QAM	18.41	PASS
n78(3700-3800)	30	15	652832	38@0	CP_256QAM	15.64	PASS
n78(3700-3800)	30	15	652832	19@9	CP_256QAM	15.62	PASS
n78(3700-3800)	30	15	652832	1@1	CP_256QAM	15.58	PASS
n78(3700-3800)	30	15	652832	1@36	CP_256QAM	15.72	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_BPSK	21.13	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_BPSK	21.65	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_BPSK	21.49	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_BPSK	21.57	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_QPSK	20.63	PASS



n78(3700-3800)	30	20	647334	25@12	DFT_QPSK	21.65	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_QPSK	21.55	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_QPSK	21.66	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_16QAM	19.59	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_16QAM	20.61	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_16QAM	20.35	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_16QAM	20.45	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_64QAM	19.09	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_64QAM	19.14	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_64QAM	19.07	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_64QAM	19.13	PASS
n78(3700-3800)	30	20	647334	50@0	DFT_256QAM	17.08	PASS
n78(3700-3800)	30	20	647334	25@12	DFT_256QAM	17.12	PASS
n78(3700-3800)	30	20	647334	1@1	DFT_256QAM	17.03	PASS
n78(3700-3800)	30	20	647334	1@49	DFT_256QAM	17.19	PASS
n78(3700-3800)	30	20	647334	51@0	CP_QPSK	18.62	PASS
n78(3700-3800)	30	20	647334	25@12	CP_QPSK	20.13	PASS
n78(3700-3800)	30	20	647334	1@1	CP_QPSK	20.07	PASS
n78(3700-3800)	30	20	647334	1@49	CP_QPSK	20.18	PASS
n78(3700-3800)	30	20	647334	51@0	CP_16QAM	18.63	PASS
n78(3700-3800)	30	20	647334	25@12	CP_16QAM	19.64	PASS
n78(3700-3800)	30	20	647334	1@1	CP_16QAM	19.62	PASS
n78(3700-3800)	30	20	647334	1@49	CP_16QAM	19.75	PASS
n78(3700-3800)	30	20	647334	51@0	CP_64QAM	18.15	PASS
n78(3700-3800)	30	20	647334	25@12	CP_64QAM	18.18	PASS
n78(3700-3800)	30	20	647334	1@1	CP_64QAM	17.81	PASS
n78(3700-3800)	30	20	647334	1@49	CP_64QAM	17.93	PASS
n78(3700-3800)	30	20	647334	51@0	CP_256QAM	15.17	PASS
n78(3700-3800)	30	20	647334	25@12	CP_256QAM	15.19	PASS
n78(3700-3800)	30	20	647334	1@1	CP_256QAM	15.16	PASS
n78(3700-3800)	30	20	647334	1@49	CP_256QAM	15.28	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_BPSK	21.54	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_BPSK	22.01	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_BPSK	21.82	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_BPSK	22.05	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_QPSK	21.04	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_QPSK	22.07	PASS



n78(3700-3800)	30	20	650000	1@1	DFT_QPSK	21.91	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_QPSK	22.09	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_16QAM	19.98	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_16QAM	21.03	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_16QAM	20.83	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_16QAM	21.04	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_64QAM	19.47	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_64QAM	19.51	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_64QAM	19.42	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_64QAM	19.6	PASS
n78(3700-3800)	30	20	650000	50@0	DFT_256QAM	17.48	PASS
n78(3700-3800)	30	20	650000	25@12	DFT_256QAM	17.51	PASS
n78(3700-3800)	30	20	650000	1@1	DFT_256QAM	17.42	PASS
n78(3700-3800)	30	20	650000	1@49	DFT_256QAM	17.62	PASS
n78(3700-3800)	30	20	650000	51@0	CP_QPSK	19	PASS
n78(3700-3800)	30	20	650000	25@12	CP_QPSK	20.46	PASS
n78(3700-3800)	30	20	650000	1@1	CP_QPSK	20.42	PASS
n78(3700-3800)	30	20	650000	1@49	CP_QPSK	20.61	PASS
n78(3700-3800)	30	20	650000	51@0	CP_16QAM	19.01	PASS
n78(3700-3800)	30	20	650000	25@12	CP_16QAM	20.1	PASS
n78(3700-3800)	30	20	650000	1@1	CP_16QAM	19.97	PASS
n78(3700-3800)	30	20	650000	1@49	CP_16QAM	20.12	PASS
n78(3700-3800)	30	20	650000	51@0	CP_64QAM	18.8	PASS
n78(3700-3800)	30	20	650000	25@12	CP_64QAM	18.62	PASS
n78(3700-3800)	30	20	650000	1@1	CP_64QAM	18.19	PASS
n78(3700-3800)	30	20	650000	1@49	CP_64QAM	18.37	PASS
n78(3700-3800)	30	20	650000	51@0	CP_256QAM	15.58	PASS
n78(3700-3800)	30	20	650000	25@12	CP_256QAM	15.61	PASS
n78(3700-3800)	30	20	650000	1@1	CP_256QAM	15.5	PASS
n78(3700-3800)	30	20	650000	1@49	CP_256QAM	15.71	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_BPSK	21.55	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_BPSK	22.02	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_BPSK	21.85	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_BPSK	22.1	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_QPSK	21.05	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_QPSK	22.12	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_QPSK	21.93	PASS



n78(3700-3800)	30	20	652666	1@49	DFT_QPSK	22.16	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_16QAM	20.02	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_16QAM	21.07	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_16QAM	20.88	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_16QAM	21.11	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_64QAM	19.51	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_64QAM	19.54	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_64QAM	19.45	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_64QAM	19.7	PASS
n78(3700-3800)	30	20	652666	50@0	DFT_256QAM	17.6	PASS
n78(3700-3800)	30	20	652666	25@12	DFT_256QAM	17.5	PASS
n78(3700-3800)	30	20	652666	1@1	DFT_256QAM	17.47	PASS
n78(3700-3800)	30	20	652666	1@49	DFT_256QAM	17.66	PASS
n78(3700-3800)	30	20	652666	51@0	CP_QPSK	19.04	PASS
n78(3700-3800)	30	20	652666	25@12	CP_QPSK	20.54	PASS
n78(3700-3800)	30	20	652666	1@1	CP_QPSK	20.49	PASS
n78(3700-3800)	30	20	652666	1@49	CP_QPSK	20.69	PASS
n78(3700-3800)	30	20	652666	51@0	CP_16QAM	19.08	PASS
n78(3700-3800)	30	20	652666	25@12	CP_16QAM	20.08	PASS
n78(3700-3800)	30	20	652666	1@1	CP_16QAM	19.97	PASS
n78(3700-3800)	30	20	652666	1@49	CP_16QAM	20.15	PASS
n78(3700-3800)	30	20	652666	51@0	CP_64QAM	18.62	PASS
n78(3700-3800)	30	20	652666	25@12	CP_64QAM	18.5	PASS
n78(3700-3800)	30	20	652666	1@1	CP_64QAM	18.2	PASS
n78(3700-3800)	30	20	652666	1@49	CP_64QAM	18.45	PASS
n78(3700-3800)	30	20	652666	51@0	CP_256QAM	15.61	PASS
n78(3700-3800)	30	20	652666	25@12	CP_256QAM	15.64	PASS
n78(3700-3800)	30	20	652666	1@1	CP_256QAM	15.58	PASS
n78(3700-3800)	30	20	652666	1@49	CP_256QAM	15.5	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_BPSK	21.14	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_BPSK	21.61	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_BPSK	21.47	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_BPSK	21.83	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_QPSK	20.64	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_QPSK	21.62	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_QPSK	21.5	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_QPSK	21.85	PASS



n78(3700-3800)	30	40	648000	100@0	DFT_16QAM	19.62	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_16QAM	20.58	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_16QAM	20.32	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_16QAM	20.65	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_64QAM	19.1	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_64QAM	19.11	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_64QAM	19.02	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_64QAM	19.35	PASS
n78(3700-3800)	30	40	648000	100@0	DFT_256QAM	17.07	PASS
n78(3700-3800)	30	40	648000	50@25	DFT_256QAM	17.1	PASS
n78(3700-3800)	30	40	648000	1@1	DFT_256QAM	17.01	PASS
n78(3700-3800)	30	40	648000	1@104	DFT_256QAM	17.37	PASS
n78(3700-3800)	30	40	648000	106@0	CP_QPSK	19.6	PASS
n78(3700-3800)	30	40	648000	53@26	CP_QPSK	20.13	PASS
n78(3700-3800)	30	40	648000	1@1	CP_QPSK	20.02	PASS
n78(3700-3800)	30	40	648000	1@104	CP_QPSK	20.35	PASS
n78(3700-3800)	30	40	648000	106@0	CP_16QAM	18.62	PASS
n78(3700-3800)	30	40	648000	53@26	CP_16QAM	19.57	PASS
n78(3700-3800)	30	40	648000	1@1	CP_16QAM	19.46	PASS
n78(3700-3800)	30	40	648000	1@104	CP_16QAM	19.75	PASS
n78(3700-3800)	30	40	648000	106@0	CP_64QAM	18.12	PASS
n78(3700-3800)	30	40	648000	53@26	CP_64QAM	18.11	PASS
n78(3700-3800)	30	40	648000	1@1	CP_64QAM	17.75	PASS
n78(3700-3800)	30	40	648000	1@104	CP_64QAM	18.08	PASS
n78(3700-3800)	30	40	648000	106@0	CP_256QAM	15.13	PASS
n78(3700-3800)	30	40	648000	53@26	CP_256QAM	15.15	PASS
n78(3700-3800)	30	40	648000	1@1	CP_256QAM	15.13	PASS
n78(3700-3800)	30	40	648000	1@104	CP_256QAM	15.46	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_BPSK	19.55	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_BPSK	22.02	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_BPSK	21.73	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_BPSK	22.2	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_QPSK	21.07	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_QPSK	22.02	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_QPSK	21.81	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_QPSK	22.29	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_16QAM	20.04	PASS



n78(3700-3800)	30	40	650000	50@25	DFT_16QAM	21.02	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_16QAM	20.71	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_16QAM	21.15	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_64QAM	19.55	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_64QAM	19.5	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_64QAM	19.26	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_64QAM	19.78	PASS
n78(3700-3800)	30	40	650000	100@0	DFT_256QAM	17.56	PASS
n78(3700-3800)	30	40	650000	50@25	DFT_256QAM	17.53	PASS
n78(3700-3800)	30	40	650000	1@1	DFT_256QAM	17.33	PASS
n78(3700-3800)	30	40	650000	1@104	DFT_256QAM	17.77	PASS
n78(3700-3800)	30	40	650000	106@0	CP_QPSK	19.01	PASS
n78(3700-3800)	30	40	650000	53@26	CP_QPSK	20.51	PASS
n78(3700-3800)	30	40	650000	1@1	CP_QPSK	20.33	PASS
n78(3700-3800)	30	40	650000	1@104	CP_QPSK	20.78	PASS
n78(3700-3800)	30	40	650000	106@0	CP_16QAM	19.05	PASS
n78(3700-3800)	30	40	650000	53@26	CP_16QAM	19.99	PASS
n78(3700-3800)	30	40	650000	1@1	CP_16QAM	19.88	PASS
n78(3700-3800)	30	40	650000	1@104	CP_16QAM	20.35	PASS
n78(3700-3800)	30	40	650000	106@0	CP_64QAM	18.53	PASS
n78(3700-3800)	30	40	650000	53@26	CP_64QAM	18.56	PASS
n78(3700-3800)	30	40	650000	1@1	CP_64QAM	18.08	PASS
n78(3700-3800)	30	40	650000	1@104	CP_64QAM	18.53	PASS
n78(3700-3800)	30	40	650000	106@0	CP_256QAM	15.54	PASS
n78(3700-3800)	30	40	650000	53@26	CP_256QAM	15.58	PASS
n78(3700-3800)	30	40	650000	1@1	CP_256QAM	15.41	PASS
n78(3700-3800)	30	40	650000	1@104	CP_256QAM	15.9	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_BPSK	21.51	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_BPSK	22	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_BPSK	21.75	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_BPSK	22.16	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_QPSK	21.01	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_QPSK	21.98	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_QPSK	21.79	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_QPSK	22.2	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_16QAM	19.98	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_16QAM	20.95	PASS



n78(3700-3800)	30	40	652000	1@1	DFT_16QAM	20.6	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_16QAM	20.98	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_64QAM	19.47	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_64QAM	19.46	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_64QAM	19.27	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_64QAM	19.7	PASS
n78(3700-3800)	30	40	652000	100@0	DFT_256QAM	17.6	PASS
n78(3700-3800)	30	40	652000	50@25	DFT_256QAM	17.47	PASS
n78(3700-3800)	30	40	652000	1@1	DFT_256QAM	17.3	PASS
n78(3700-3800)	30	40	652000	1@104	DFT_256QAM	17.76	PASS
n78(3700-3800)	30	40	652000	106@0	CP_QPSK	18.98	PASS
n78(3700-3800)	30	40	652000	53@26	CP_QPSK	20.48	PASS
n78(3700-3800)	30	40	652000	1@1	CP_QPSK	20.29	PASS
n78(3700-3800)	30	40	652000	1@104	CP_QPSK	20.71	PASS
n78(3700-3800)	30	40	652000	106@0	CP_16QAM	18.96	PASS
n78(3700-3800)	30	40	652000	53@26	CP_16QAM	19.95	PASS
n78(3700-3800)	30	40	652000	1@1	CP_16QAM	19.86	PASS
n78(3700-3800)	30	40	652000	1@104	CP_16QAM	20.27	PASS
n78(3700-3800)	30	40	652000	106@0	CP_64QAM	18.6	PASS
n78(3700-3800)	30	40	652000	53@26	CP_64QAM	18.54	PASS
n78(3700-3800)	30	40	652000	1@1	CP_64QAM	18.02	PASS
n78(3700-3800)	30	40	652000	1@104	CP_64QAM	18.48	PASS
n78(3700-3800)	30	40	652000	106@0	CP_256QAM	15.49	PASS
n78(3700-3800)	30	40	652000	53@26	CP_256QAM	15.51	PASS
n78(3700-3800)	30	40	652000	1@1	CP_256QAM	15.4	PASS
n78(3700-3800)	30	40	652000	1@104	CP_256QAM	15.6	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_BPSK	21.43	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_BPSK	21.91	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_BPSK	21.87	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_BPSK	21.83	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_QPSK	20.94	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_QPSK	21.9	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_QPSK	21.92	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_QPSK	21.88	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_16QAM	19.93	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_16QAM	20.66	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_16QAM	20.4	PASS



n78(3700-3800)	30	50	648334	1@131	DFT_16QAM	20.85	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_64QAM	19.19	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_64QAM	19.21	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_64QAM	19.04	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_64QAM	19.49	PASS
n78(3700-3800)	30	50	648334	128@0	DFT_256QAM	17.24	PASS
n78(3700-3800)	30	50	648334	64@32	DFT_256QAM	17.2	PASS
n78(3700-3800)	30	50	648334	1@1	DFT_256QAM	17.01	PASS
n78(3700-3800)	30	50	648334	1@131	DFT_256QAM	17.49	PASS
n78(3700-3800)	30	50	648334	133@0	CP_QPSK	18.69	PASS
n78(3700-3800)	30	50	648334	67@33	CP_QPSK	20.17	PASS
n78(3700-3800)	30	50	648334	1@1	CP_QPSK	19.99	PASS
n78(3700-3800)	30	50	648334	1@131	CP_QPSK	20.43	PASS
n78(3700-3800)	30	50	648334	133@0	CP_16QAM	18.68	PASS
n78(3700-3800)	30	50	648334	67@33	CP_16QAM	19.69	PASS
n78(3700-3800)	30	50	648334	1@1	CP_16QAM	19.52	PASS
n78(3700-3800)	30	50	648334	1@131	CP_16QAM	19.94	PASS
n78(3700-3800)	30	50	648334	133@0	CP_64QAM	18.19	PASS
n78(3700-3800)	30	50	648334	67@33	CP_64QAM	18.23	PASS
n78(3700-3800)	30	50	648334	1@1	CP_64QAM	17.77	PASS
n78(3700-3800)	30	50	648334	1@131	CP_64QAM	18.2	PASS
n78(3700-3800)	30	50	648334	133@0	CP_256QAM	15.25	PASS
n78(3700-3800)	30	50	648334	67@33	CP_256QAM	15.19	PASS
n78(3700-3800)	30	50	648334	1@1	CP_256QAM	15.11	PASS
n78(3700-3800)	30	50	648334	1@131	CP_256QAM	15.53	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_BPSK	21.58	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_BPSK	22.1	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_BPSK	21.66	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_BPSK	22.23	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_QPSK	21.1	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_QPSK	22.1	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_QPSK	21.74	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_QPSK	22.35	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_16QAM	20.1	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_16QAM	21.01	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_16QAM	20.54	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_16QAM	21.1	PASS



n78(3700-3800)	30	50	650000	128@0	DFT_64QAM	19.59	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_64QAM	19.59	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_64QAM	19.21	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_64QAM	19.85	PASS
n78(3700-3800)	30	50	650000	128@0	DFT_256QAM	17.61	PASS
n78(3700-3800)	30	50	650000	64@32	DFT_256QAM	17.57	PASS
n78(3700-3800)	30	50	650000	1@1	DFT_256QAM	17.26	PASS
n78(3700-3800)	30	50	650000	1@131	DFT_256QAM	17.86	PASS
n78(3700-3800)	30	50	650000	133@0	CP_QPSK	19.07	PASS
n78(3700-3800)	30	50	650000	67@33	CP_QPSK	20.56	PASS
n78(3700-3800)	30	50	650000	1@1	CP_QPSK	20.26	PASS
n78(3700-3800)	30	50	650000	1@131	CP_QPSK	20.83	PASS
n78(3700-3800)	30	50	650000	133@0	CP_16QAM	19.06	PASS
n78(3700-3800)	30	50	650000	67@33	CP_16QAM	20.08	PASS
n78(3700-3800)	30	50	650000	1@1	CP_16QAM	19.83	PASS
n78(3700-3800)	30	50	650000	1@131	CP_16QAM	20.4	PASS
n78(3700-3800)	30	50	650000	133@0	CP_64QAM	18.56	PASS
n78(3700-3800)	30	50	650000	67@33	CP_64QAM	18.59	PASS
n78(3700-3800)	30	50	650000	1@1	CP_64QAM	17.99	PASS
n78(3700-3800)	30	50	650000	1@131	CP_64QAM	18.56	PASS
n78(3700-3800)	30	50	650000	133@0	CP_256QAM	15.61	PASS
n78(3700-3800)	30	50	650000	67@33	CP_256QAM	15.61	PASS
n78(3700-3800)	30	50	650000	1@1	CP_256QAM	15.42	PASS
n78(3700-3800)	30	50	650000	1@131	CP_256QAM	15.95	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_BPSK	21.6	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_BPSK	22.12	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_BPSK	21.71	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_BPSK	22.23	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_QPSK	21.12	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_QPSK	22.11	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_QPSK	21.82	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_QPSK	22.32	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_16QAM	20.13	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_16QAM	21.04	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_16QAM	20.6	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_16QAM	21.08	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_64QAM	19.59	PASS



n78(3700-3800)	30	50	651666	64@32	DFT_64QAM	19.62	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_64QAM	19.27	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_64QAM	19.83	PASS
n78(3700-3800)	30	50	651666	128@0	DFT_256QAM	17.62	PASS
n78(3700-3800)	30	50	651666	64@32	DFT_256QAM	17.58	PASS
n78(3700-3800)	30	50	651666	1@1	DFT_256QAM	17.32	PASS
n78(3700-3800)	30	50	651666	1@131	DFT_256QAM	17.83	PASS
n78(3700-3800)	30	50	651666	133@0	CP_QPSK	19.11	PASS
n78(3700-3800)	30	50	651666	67@33	CP_QPSK	20.58	PASS
n78(3700-3800)	30	50	651666	1@1	CP_QPSK	20.32	PASS
n78(3700-3800)	30	50	651666	1@131	CP_QPSK	20.81	PASS
n78(3700-3800)	30	50	651666	133@0	CP_16QAM	19.06	PASS
n78(3700-3800)	30	50	651666	67@33	CP_16QAM	20.03	PASS
n78(3700-3800)	30	50	651666	1@1	CP_16QAM	19.86	PASS
n78(3700-3800)	30	50	651666	1@131	CP_16QAM	20.35	PASS
n78(3700-3800)	30	50	651666	133@0	CP_64QAM	18.55	PASS
n78(3700-3800)	30	50	651666	67@33	CP_64QAM	18.61	PASS
n78(3700-3800)	30	50	651666	1@1	CP_64QAM	18.06	PASS
n78(3700-3800)	30	50	651666	1@131	CP_64QAM	18.57	PASS
n78(3700-3800)	30	50	651666	133@0	CP_256QAM	15.64	PASS
n78(3700-3800)	30	50	651666	67@33	CP_256QAM	15.6	PASS
n78(3700-3800)	30	50	651666	1@1	CP_256QAM	15.45	PASS
n78(3700-3800)	30	50	651666	1@131	CP_256QAM	15.9	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_BPSK	21.23	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_BPSK	21.76	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_BPSK	21.4	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_BPSK	21.93	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_QPSK	20.73	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_QPSK	21.73	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_QPSK	21.46	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_QPSK	21.98	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_16QAM	19.75	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_16QAM	20.75	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_16QAM	20.22	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_16QAM	20.74	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_64QAM	19.26	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_64QAM	19.32	PASS



n78(3700-3800)	30	60	648668	1@1	DFT_64QAM	18.98	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_64QAM	19.52	PASS
n78(3700-3800)	30	60	648668	162@0	DFT_256QAM	17.24	PASS
n78(3700-3800)	30	60	648668	81@40	DFT_256QAM	17.24	PASS
n78(3700-3800)	30	60	648668	1@1	DFT_256QAM	16.93	PASS
n78(3700-3800)	30	60	648668	1@160	DFT_256QAM	17.48	PASS
n78(3700-3800)	30	60	648668	162@0	CP_QPSK	18.73	PASS
n78(3700-3800)	30	60	648668	81@40	CP_QPSK	20.17	PASS
n78(3700-3800)	30	60	648668	1@1	CP_QPSK	19.98	PASS
n78(3700-3800)	30	60	648668	1@160	CP_QPSK	20.5	PASS
n78(3700-3800)	30	60	648668	162@0	CP_16QAM	18.73	PASS
n78(3700-3800)	30	60	648668	81@40	CP_16QAM	19.71	PASS
n78(3700-3800)	30	60	648668	1@1	CP_16QAM	19.48	PASS
n78(3700-3800)	30	60	648668	1@160	CP_16QAM	19.97	PASS
n78(3700-3800)	30	60	648668	162@0	CP_64QAM	18.22	PASS
n78(3700-3800)	30	60	648668	81@40	CP_64QAM	18.22	PASS
n78(3700-3800)	30	60	648668	1@1	CP_64QAM	17.73	PASS
n78(3700-3800)	30	60	648668	1@160	CP_64QAM	18.23	PASS
n78(3700-3800)	30	60	648668	162@0	CP_256QAM	15.24	PASS
n78(3700-3800)	30	60	648668	81@40	CP_256QAM	15.25	PASS
n78(3700-3800)	30	60	648668	1@1	CP_256QAM	15.06	PASS
n78(3700-3800)	30	60	648668	1@160	CP_256QAM	15.59	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_BPSK	21.59	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_BPSK	22.07	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_BPSK	21.61	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_BPSK	22.3	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_QPSK	21.07	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_QPSK	22.03	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_QPSK	21.68	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_QPSK	22.36	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_16QAM	20.08	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_16QAM	21.07	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_16QAM	20.48	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_16QAM	21.11	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_64QAM	19.59	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_64QAM	19.58	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_64QAM	19.29	PASS



n78(3700-3800)	30	60	650000	1@160	DFT_64QAM	19.92	PASS
n78(3700-3800)	30	60	650000	162@0	DFT_256QAM	17.59	PASS
n78(3700-3800)	30	60	650000	81@40	DFT_256QAM	17.53	PASS
n78(3700-3800)	30	60	650000	1@1	DFT_256QAM	17.16	PASS
n78(3700-3800)	30	60	650000	1@160	DFT_256QAM	17.85	PASS
n78(3700-3800)	30	60	650000	162@0	CP_QPSK	19.07	PASS
n78(3700-3800)	30	60	650000	81@40	CP_QPSK	20.51	PASS
n78(3700-3800)	30	60	650000	1@1	CP_QPSK	20.2	PASS
n78(3700-3800)	30	60	650000	1@160	CP_QPSK	20.87	PASS
n78(3700-3800)	30	60	650000	162@0	CP_16QAM	19.03	PASS
n78(3700-3800)	30	60	650000	81@40	CP_16QAM	20	PASS
n78(3700-3800)	30	60	650000	1@1	CP_16QAM	19.69	PASS
n78(3700-3800)	30	60	650000	1@160	CP_16QAM	20.35	PASS
n78(3700-3800)	30	60	650000	162@0	CP_64QAM	18.53	PASS
n78(3700-3800)	30	60	650000	81@40	CP_64QAM	18.55	PASS
n78(3700-3800)	30	60	650000	1@1	CP_64QAM	17.95	PASS
n78(3700-3800)	30	60	650000	1@160	CP_64QAM	18.6	PASS
n78(3700-3800)	30	60	650000	162@0	CP_256QAM	15.57	PASS
n78(3700-3800)	30	60	650000	81@40	CP_256QAM	15.5	PASS
n78(3700-3800)	30	60	650000	1@1	CP_256QAM	15.28	PASS
n78(3700-3800)	30	60	650000	1@160	CP_256QAM	15.97	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_BPSK	21.59	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_BPSK	22.08	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_BPSK	21.64	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_BPSK	22.3	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_QPSK	21.1	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_QPSK	22.08	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_QPSK	21.72	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_QPSK	22.38	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_16QAM	20.07	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_16QAM	21.07	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_16QAM	20.5	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_16QAM	21.12	PASS
n78(3700-3800)	30	60	651332	162@0	DFT_64QAM	19.59	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_64QAM	19.67	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_64QAM	19.28	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_64QAM	19.93	PASS



n78(3700-3800)	30	60	651332	162@0	DFT_256QAM	17.58	PASS
n78(3700-3800)	30	60	651332	81@40	DFT_256QAM	17.62	PASS
n78(3700-3800)	30	60	651332	1@1	DFT_256QAM	17.22	PASS
n78(3700-3800)	30	60	651332	1@160	DFT_256QAM	17.85	PASS
n78(3700-3800)	30	60	651332	162@0	CP_QPSK	19.03	PASS
n78(3700-3800)	30	60	651332	81@40	CP_QPSK	20.54	PASS
n78(3700-3800)	30	60	651332	1@1	CP_QPSK	20.21	PASS
n78(3700-3800)	30	60	651332	1@160	CP_QPSK	20.86	PASS
n78(3700-3800)	30	60	651332	162@0	CP_16QAM	19.03	PASS
n78(3700-3800)	30	60	651332	81@40	CP_16QAM	20.06	PASS
n78(3700-3800)	30	60	651332	1@1	CP_16QAM	19.69	PASS
n78(3700-3800)	30	60	651332	1@160	CP_16QAM	20.34	PASS
n78(3700-3800)	30	60	651332	162@0	CP_64QAM	18.56	PASS
n78(3700-3800)	30	60	651332	81@40	CP_64QAM	18.59	PASS
n78(3700-3800)	30	60	651332	1@1	CP_64QAM	17.97	PASS
n78(3700-3800)	30	60	651332	1@160	CP_64QAM	18.64	PASS
n78(3700-3800)	30	60	651332	162@0	CP_256QAM	15.58	PASS
n78(3700-3800)	30	60	651332	81@40	CP_256QAM	15.59	PASS
n78(3700-3800)	30	60	651332	1@1	CP_256QAM	15.29	PASS
n78(3700-3800)	30	60	651332	1@160	CP_256QAM	15.95	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	21.42	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	21.9	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	21.49	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	22.13	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	20.93	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	21.87	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	21.56	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	22.19	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_16QAM	19.92	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_16QAM	20.88	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_16QAM	20.28	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_16QAM	20.96	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_64QAM	19.41	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_64QAM	19.4	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_64QAM	19.01	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_64QAM	19.76	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_256QAM	17.43	PASS



n78(3700-3800)	30	70	649000	90@45	DFT_256QAM	17.43	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_256QAM	16.96	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_256QAM	17.63	PASS
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	18.95	PASS
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	20.39	PASS
n78(3700-3800)	30	70	649000	1@1	CP_QPSK	20.07	PASS
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	20.64	PASS
n78(3700-3800)	30	70	649000	189@0	CP_16QAM	18.9	PASS
n78(3700-3800)	30	70	649000	95@47	CP_16QAM	19.88	PASS
n78(3700-3800)	30	70	649000	1@1	CP_16QAM	19.54	PASS
n78(3700-3800)	30	70	649000	1@187	CP_16QAM	20.16	PASS
n78(3700-3800)	30	70	649000	189@0	CP_64QAM	18.39	PASS
n78(3700-3800)	30	70	649000	95@47	CP_64QAM	18.39	PASS
n78(3700-3800)	30	70	649000	1@1	CP_64QAM	17.78	PASS
n78(3700-3800)	30	70	649000	1@187	CP_64QAM	18.43	PASS
n78(3700-3800)	30	70	649000	189@0	CP_256QAM	15.39	PASS
n78(3700-3800)	30	70	649000	95@47	CP_256QAM	15.42	PASS
n78(3700-3800)	30	70	649000	1@1	CP_256QAM	15.05	PASS
n78(3700-3800)	30	70	649000	1@187	CP_256QAM	15.7	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	21.58	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	22.12	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	21.61	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	22.27	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	21.08	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	22.08	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	21.68	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	22.37	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_16QAM	20.1	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_16QAM	21.09	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_16QAM	20.45	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_16QAM	21.15	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_64QAM	19.61	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_64QAM	19.63	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_64QAM	19.12	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_64QAM	19.81	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_256QAM	17.59	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_256QAM	17.66	PASS



n78(3700-3800)	30	70	650000	1@1	DFT_256QAM	17.13	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_256QAM	17.82	PASS
n78(3700-3800)	30	70	650000	189@0	CP_QPSK	19.13	PASS
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	20.58	PASS
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	20.19	PASS
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	20.84	PASS
n78(3700-3800)	30	70	650000	189@0	CP_16QAM	19.11	PASS
n78(3700-3800)	30	70	650000	95@47	CP_16QAM	20.1	PASS
n78(3700-3800)	30	70	650000	1@1	CP_16QAM	19.73	PASS
n78(3700-3800)	30	70	650000	1@187	CP_16QAM	20.38	PASS
n78(3700-3800)	30	70	650000	189@0	CP_64QAM	18.58	PASS
n78(3700-3800)	30	70	650000	95@47	CP_64QAM	18.61	PASS
n78(3700-3800)	30	70	650000	1@1	CP_64QAM	17.97	PASS
n78(3700-3800)	30	70	650000	1@187	CP_64QAM	18.59	PASS
n78(3700-3800)	30	70	650000	189@0	CP_256QAM	15.64	PASS
n78(3700-3800)	30	70	650000	95@47	CP_256QAM	15.63	PASS
n78(3700-3800)	30	70	650000	1@1	CP_256QAM	15.26	PASS
n78(3700-3800)	30	70	650000	1@187	CP_256QAM	15.9	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	21.67	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	22.17	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	21.64	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	22.38	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	21.14	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	22.18	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	21.72	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	22.42	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_16QAM	20.18	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_16QAM	21.16	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_16QAM	20.51	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_16QAM	21.24	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_64QAM	19.68	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_64QAM	19.69	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_64QAM	19.24	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_64QAM	19.99	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_256QAM	17.71	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_256QAM	17.68	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_256QAM	17.17	PASS



n78(3700-3800)	30	70	651000	1@187	DFT_256QAM	17.94	PASS
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	19.17	PASS
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	20.64	PASS
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	20.23	PASS
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	20.95	PASS
n78(3700-3800)	30	70	651000	189@0	CP_16QAM	19.14	PASS
n78(3700-3800)	30	70	651000	95@47	CP_16QAM	20.16	PASS
n78(3700-3800)	30	70	651000	1@1	CP_16QAM	19.62	PASS
n78(3700-3800)	30	70	651000	1@187	CP_16QAM	20.4	PASS
n78(3700-3800)	30	70	651000	189@0	CP_64QAM	18.65	PASS
n78(3700-3800)	30	70	651000	95@47	CP_64QAM	18.65	PASS
n78(3700-3800)	30	70	651000	1@1	CP_64QAM	17.97	PASS
n78(3700-3800)	30	70	651000	1@187	CP_64QAM	18.73	PASS
n78(3700-3800)	30	70	651000	189@0	CP_256QAM	15.7	PASS
n78(3700-3800)	30	70	651000	95@47	CP_256QAM	15.7	PASS
n78(3700-3800)	30	70	651000	1@1	CP_256QAM	15.25	PASS
n78(3700-3800)	30	70	651000	1@187	CP_256QAM	16.02	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_BPSK	21.41	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_BPSK	21.95	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_BPSK	21.49	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_BPSK	22.16	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_QPSK	20.91	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_QPSK	21.91	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_QPSK	21.51	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_QPSK	22.23	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_16QAM	19.93	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_16QAM	20.92	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_16QAM	20.33	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_16QAM	21.05	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_64QAM	19.43	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_64QAM	19.44	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_64QAM	19	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_64QAM	19.72	PASS
n78(3700-3800)	30	80	649334	216@0	DFT_256QAM	17.43	PASS
n78(3700-3800)	30	80	649334	108@54	DFT_256QAM	17.45	PASS
n78(3700-3800)	30	80	649334	1@1	DFT_256QAM	16.96	PASS
n78(3700-3800)	30	80	649334	1@215	DFT_256QAM	17.69	PASS



n78(3700-3800)	30	80	649334	217@0	CP_QPSK	18.93	PASS
n78(3700-3800)	30	80	649334	109@54	CP_QPSK	20.4	PASS
n78(3700-3800)	30	80	649334	1@1	CP_QPSK	20.03	PASS
n78(3700-3800)	30	80	649334	1@215	CP_QPSK	20.72	PASS
n78(3700-3800)	30	80	649334	217@0	CP_16QAM	18.95	PASS
n78(3700-3800)	30	80	649334	109@54	CP_16QAM	19.9	PASS
n78(3700-3800)	30	80	649334	1@1	CP_16QAM	19.53	PASS
n78(3700-3800)	30	80	649334	1@215	CP_16QAM	20.21	PASS
n78(3700-3800)	30	80	649334	217@0	CP_64QAM	18.46	PASS
n78(3700-3800)	30	80	649334	109@54	CP_64QAM	18.41	PASS
n78(3700-3800)	30	80	649334	1@1	CP_64QAM	17.77	PASS
n78(3700-3800)	30	80	649334	1@215	CP_64QAM	18.53	PASS
n78(3700-3800)	30	80	649334	217@0	CP_256QAM	15.46	PASS
n78(3700-3800)	30	80	649334	109@54	CP_256QAM	15.42	PASS
n78(3700-3800)	30	80	649334	1@1	CP_256QAM	15.05	PASS
n78(3700-3800)	30	80	649334	1@215	CP_256QAM	15.8	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_BPSK	21.62	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_BPSK	22.16	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_BPSK	21.61	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_BPSK	22.39	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_QPSK	21.1	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_QPSK	22.11	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_QPSK	21.69	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_QPSK	22.4	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_16QAM	20.11	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_16QAM	21.11	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_16QAM	20.48	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_16QAM	21.21	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_64QAM	19.61	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_64QAM	19.67	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_64QAM	19.17	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_64QAM	19.89	PASS
n78(3700-3800)	30	80	650000	216@0	DFT_256QAM	17.64	PASS
n78(3700-3800)	30	80	650000	108@54	DFT_256QAM	17.65	PASS
n78(3700-3800)	30	80	650000	1@1	DFT_256QAM	17.15	PASS
n78(3700-3800)	30	80	650000	1@215	DFT_256QAM	17.86	PASS
n78(3700-3800)	30	80	650000	217@0	CP_QPSK	19.08	PASS



n78(3700-3800)	30	80	650000	109@54	CP_QPSK	20.58	PASS
n78(3700-3800)	30	80	650000	1@1	CP_QPSK	20.26	PASS
n78(3700-3800)	30	80	650000	1@215	CP_QPSK	20.89	PASS
n78(3700-3800)	30	80	650000	217@0	CP_16QAM	19.1	PASS
n78(3700-3800)	30	80	650000	109@54	CP_16QAM	20.08	PASS
n78(3700-3800)	30	80	650000	1@1	CP_16QAM	19.62	PASS
n78(3700-3800)	30	80	650000	1@215	CP_16QAM	20.32	PASS
n78(3700-3800)	30	80	650000	217@0	CP_64QAM	18.62	PASS
n78(3700-3800)	30	80	650000	109@54	CP_64QAM	18.6	PASS
n78(3700-3800)	30	80	650000	1@1	CP_64QAM	18	PASS
n78(3700-3800)	30	80	650000	1@215	CP_64QAM	18.65	PASS
n78(3700-3800)	30	80	650000	217@0	CP_256QAM	15.63	PASS
n78(3700-3800)	30	80	650000	109@54	CP_256QAM	15.6	PASS
n78(3700-3800)	30	80	650000	1@1	CP_256QAM	15.25	PASS
n78(3700-3800)	30	80	650000	1@215	CP_256QAM	15.92	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_BPSK	21.66	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_BPSK	22.14	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_BPSK	21.62	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_BPSK	22.37	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_QPSK	21.14	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_QPSK	22.13	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_QPSK	21.64	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_QPSK	22.38	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_16QAM	20.13	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_16QAM	21.1	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_16QAM	20.47	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_16QAM	21.23	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_64QAM	19.63	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_64QAM	19.68	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_64QAM	19.12	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_64QAM	19.87	PASS
n78(3700-3800)	30	80	650666	216@0	DFT_256QAM	17.68	PASS
n78(3700-3800)	30	80	650666	108@54	DFT_256QAM	17.65	PASS
n78(3700-3800)	30	80	650666	1@1	DFT_256QAM	17.08	PASS
n78(3700-3800)	30	80	650666	1@215	DFT_256QAM	17.87	PASS
n78(3700-3800)	30	80	650666	217@0	CP_QPSK	19.11	PASS
n78(3700-3800)	30	80	650666	109@54	CP_QPSK	20.58	PASS



n78(3700-3800)	30	80	650666	1@1	CP_QPSK	20.14	PASS
n78(3700-3800)	30	80	650666	1@215	CP_QPSK	20.9	PASS
n78(3700-3800)	30	80	650666	217@0	CP_16QAM	19.1	PASS
n78(3700-3800)	30	80	650666	109@54	CP_16QAM	20.11	PASS
n78(3700-3800)	30	80	650666	1@1	CP_16QAM	19.69	PASS
n78(3700-3800)	30	80	650666	1@215	CP_16QAM	20.45	PASS
n78(3700-3800)	30	80	650666	217@0	CP_64QAM	18.63	PASS
n78(3700-3800)	30	80	650666	109@54	CP_64QAM	18.59	PASS
n78(3700-3800)	30	80	650666	1@1	CP_64QAM	17.92	PASS
n78(3700-3800)	30	80	650666	1@215	CP_64QAM	18.69	PASS
n78(3700-3800)	30	80	650666	217@0	CP_256QAM	15.61	PASS
n78(3700-3800)	30	80	650666	109@54	CP_256QAM	15.75	PASS
n78(3700-3800)	30	80	650666	1@1	CP_256QAM	15.19	PASS
n78(3700-3800)	30	80	650666	1@215	CP_256QAM	15.94	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_BPSK	21.48	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_BPSK	22.03	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_BPSK	21.42	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_BPSK	22.25	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_QPSK	20.99	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_QPSK	22.03	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_QPSK	21.49	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_QPSK	22.31	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_16QAM	19.99	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_16QAM	21	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_16QAM	20.3	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_16QAM	21.11	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_64QAM	19.5	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_64QAM	19.52	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_64QAM	18.93	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_64QAM	19.77	PASS
n78(3700-3800)	30	90	649668	243@0	DFT_256QAM	17.53	PASS
n78(3700-3800)	30	90	649668	120@60	DFT_256QAM	17.56	PASS
n78(3700-3800)	30	90	649668	1@1	DFT_256QAM	16.93	PASS
n78(3700-3800)	30	90	649668	1@243	DFT_256QAM	17.78	PASS
n78(3700-3800)	30	90	649668	245@0	CP_QPSK	19	PASS
n78(3700-3800)	30	90	649668	123@61	CP_QPSK	20.46	PASS
n78(3700-3800)	30	90	649668	1@1	CP_QPSK	19.97	PASS



n78(3700-3800)	30	90	649668	1@243	CP_QPSK	20.77	PASS
n78(3700-3800)	30	90	649668	245@0	CP_16QAM	18.97	PASS
n78(3700-3800)	30	90	649668	123@61	CP_16QAM	19.95	PASS
n78(3700-3800)	30	90	649668	1@1	CP_16QAM	19.44	PASS
n78(3700-3800)	30	90	649668	1@243	CP_16QAM	20.32	PASS
n78(3700-3800)	30	90	649668	245@0	CP_64QAM	18.5	PASS
n78(3700-3800)	30	90	649668	123@61	CP_64QAM	18.48	PASS
n78(3700-3800)	30	90	649668	1@1	CP_64QAM	17.69	PASS
n78(3700-3800)	30	90	649668	1@243	CP_64QAM	18.54	PASS
n78(3700-3800)	30	90	649668	245@0	CP_256QAM	15.48	PASS
n78(3700-3800)	30	90	649668	123@61	CP_256QAM	15.53	PASS
n78(3700-3800)	30	90	649668	1@1	CP_256QAM	15.02	PASS
n78(3700-3800)	30	90	649668	1@243	CP_256QAM	15.81	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_BPSK	21.6	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_BPSK	22.16	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_BPSK	21.57	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_BPSK	22.35	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_QPSK	21.12	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_QPSK	22.15	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_QPSK	21.62	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_QPSK	22.37	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_16QAM	20.12	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_16QAM	21.12	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_16QAM	20.44	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_16QAM	21.21	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_64QAM	19.61	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_64QAM	19.62	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_64QAM	19.07	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_64QAM	19.83	PASS
n78(3700-3800)	30	90	650000	243@0	DFT_256QAM	17.65	PASS
n78(3700-3800)	30	90	650000	120@60	DFT_256QAM	17.67	PASS
n78(3700-3800)	30	90	650000	1@1	DFT_256QAM	17.08	PASS
n78(3700-3800)	30	90	650000	1@243	DFT_256QAM	17.87	PASS
n78(3700-3800)	30	90	650000	245@0	CP_QPSK	19.07	PASS
n78(3700-3800)	30	90	650000	123@61	CP_QPSK	20.57	PASS
n78(3700-3800)	30	90	650000	1@1	CP_QPSK	20.13	PASS
n78(3700-3800)	30	90	650000	1@243	CP_QPSK	20.87	PASS



n78(3700-3800)	30	90	650000	245@0	CP_16QAM	19.08	PASS
n78(3700-3800)	30	90	650000	123@61	CP_16QAM	20.08	PASS
n78(3700-3800)	30	90	650000	1@1	CP_16QAM	19.6	PASS
n78(3700-3800)	30	90	650000	1@243	CP_16QAM	20.34	PASS
n78(3700-3800)	30	90	650000	245@0	CP_64QAM	18.6	PASS
n78(3700-3800)	30	90	650000	123@61	CP_64QAM	18.61	PASS
n78(3700-3800)	30	90	650000	1@1	CP_64QAM	17.86	PASS
n78(3700-3800)	30	90	650000	1@243	CP_64QAM	18.61	PASS
n78(3700-3800)	30	90	650000	245@0	CP_256QAM	15.63	PASS
n78(3700-3800)	30	90	650000	123@61	CP_256QAM	15.61	PASS
n78(3700-3800)	30	90	650000	1@1	CP_256QAM	15.18	PASS
n78(3700-3800)	30	90	650000	1@243	CP_256QAM	15.92	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_BPSK	21.6	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_BPSK	22.11	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_BPSK	21.53	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_BPSK	22.35	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_QPSK	21.08	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_QPSK	22.11	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_QPSK	21.59	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_QPSK	22.39	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_16QAM	20.1	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_16QAM	21.12	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_16QAM	20.41	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_16QAM	21.21	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_64QAM	19.61	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_64QAM	19.65	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_64QAM	19.06	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_64QAM	19.83	PASS
n78(3700-3800)	30	90	650332	243@0	DFT_256QAM	17.62	PASS
n78(3700-3800)	30	90	650332	120@60	DFT_256QAM	17.66	PASS
n78(3700-3800)	30	90	650332	1@1	DFT_256QAM	17.05	PASS
n78(3700-3800)	30	90	650332	1@243	DFT_256QAM	17.86	PASS
n78(3700-3800)	30	90	650332	245@0	CP_QPSK	19.06	PASS
n78(3700-3800)	30	90	650332	123@61	CP_QPSK	20.56	PASS
n78(3700-3800)	30	90	650332	1@1	CP_QPSK	20.08	PASS
n78(3700-3800)	30	90	650332	1@243	CP_QPSK	20.96	PASS
n78(3700-3800)	30	90	650332	245@0	CP_16QAM	19.04	PASS



n78(3700-3800)	30	90	650332	123@61	CP_16QAM	20.08	PASS
n78(3700-3800)	30	90	650332	1@1	CP_16QAM	19.61	PASS
n78(3700-3800)	30	90	650332	1@243	CP_16QAM	20.5	PASS
n78(3700-3800)	30	90	650332	245@0	CP_64QAM	18.6	PASS
n78(3700-3800)	30	90	650332	123@61	CP_64QAM	18.59	PASS
n78(3700-3800)	30	90	650332	1@1	CP_64QAM	17.87	PASS
n78(3700-3800)	30	90	650332	1@243	CP_64QAM	18.76	PASS
n78(3700-3800)	30	90	650332	245@0	CP_256QAM	15.61	PASS
n78(3700-3800)	30	90	650332	123@61	CP_256QAM	15.6	PASS
n78(3700-3800)	30	90	650332	1@1	CP_256QAM	15.13	PASS
n78(3700-3800)	30	90	650332	1@243	CP_256QAM	16.01	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_BPSK	21.63	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_BPSK	22.13	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_BPSK	21.53	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_BPSK	22.4	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_QPSK	21.11	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_QPSK	22.11	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_QPSK	21.55	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_QPSK	22.44	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_16QAM	20.13	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_16QAM	21.13	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_16QAM	20.39	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_16QAM	21.23	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_64QAM	19.67	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_64QAM	19.61	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_64QAM	19.05	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_64QAM	19.91	PASS
n78(3700-3800)	30	100	650000	270@0	DFT_256QAM	17.64	PASS
n78(3700-3800)	30	100	650000	135@67	DFT_256QAM	17.69	PASS
n78(3700-3800)	30	100	650000	1@1	DFT_256QAM	17.05	PASS
n78(3700-3800)	30	100	650000	1@271	DFT_256QAM	17.9	PASS
n78(3700-3800)	30	100	650000	273@0	CP_QPSK	19.12	PASS
n78(3700-3800)	30	100	650000	137@68	CP_QPSK	20.56	PASS
n78(3700-3800)	30	100	650000	1@1	CP_QPSK	20.07	PASS
n78(3700-3800)	30	100	650000	1@271	CP_QPSK	20.91	PASS
n78(3700-3800)	30	100	650000	273@0	CP_16QAM	19.13	PASS
n78(3700-3800)	30	100	650000	137@68	CP_16QAM	20.07	PASS



n78(3700-3800)	30	100	650000	1@1	CP_16QAM	19.57	PASS
n78(3700-3800)	30	100	650000	1@271	CP_16QAM	20.44	PASS
n78(3700-3800)	30	100	650000	273@0	CP_64QAM	18.6	PASS
n78(3700-3800)	30	100	650000	137@68	CP_64QAM	18.59	PASS
n78(3700-3800)	30	100	650000	1@1	CP_64QAM	17.81	PASS
n78(3700-3800)	30	100	650000	1@271	CP_64QAM	18.69	PASS
n78(3700-3800)	30	100	650000	273@0	CP_256QAM	15.67	PASS
n78(3700-3800)	30	100	650000	137@68	CP_256QAM	15.7	PASS
n78(3700-3800)	30	100	650000	1@1	CP_256QAM	15.1	PASS
n78(3700-3800)	30	100	650000	1@271	CP_256QAM	15.99	PASS



NSA
N78+B5

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Verdict
DC_5A_n78	30	10	630334	24@0	DFT_BPSK	21.48	PASS
DC_5A_n78	30	10	630334	12@6	DFT_BPSK	21.96	PASS
DC_5A_n78	30	10	630334	1@1	DFT_BPSK	21.93	PASS
DC_5A_n78	30	10	630334	1@22	DFT_BPSK	21.89	PASS
DC_5A_n78	30	10	630334	24@0	DFT_QPSK	20.92	PASS
DC_5A_n78	30	10	630334	12@6	DFT_QPSK	22	PASS
DC_5A_n78	30	10	630334	1@1	DFT_QPSK	21.98	PASS
DC_5A_n78	30	10	630334	1@22	DFT_QPSK	21.97	PASS
DC_5A_n78	30	10	630334	24@0	DFT_16QAM	19.98	PASS
DC_5A_n78	30	10	630334	12@6	DFT_16QAM	20.95	PASS
DC_5A_n78	30	10	630334	1@1	DFT_16QAM	20.75	PASS
DC_5A_n78	30	10	630334	1@22	DFT_16QAM	20.77	PASS
DC_5A_n78	30	10	630334	24@0	DFT_64QAM	19.56	PASS
DC_5A_n78	30	10	630334	12@6	DFT_64QAM	19.53	PASS
DC_5A_n78	30	10	630334	1@1	DFT_64QAM	19.42	PASS
DC_5A_n78	30	10	630334	1@22	DFT_64QAM	19.41	PASS
DC_5A_n78	30	10	630334	24@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	10	630334	12@6	DFT_256QAM	17.11	PASS
DC_5A_n78	30	10	630334	1@1	DFT_256QAM	17.12	PASS
DC_5A_n78	30	10	630334	1@22	DFT_256QAM	17.24	PASS
DC_5A_n78	30	10	630334	24@0	CP_QPSK	19.32	PASS
DC_5A_n78	30	10	630334	12@6	CP_QPSK	20.35	PASS
DC_5A_n78	30	10	630334	1@1	CP_QPSK	20.57	PASS
DC_5A_n78	30	10	630334	1@22	CP_QPSK	20.5	PASS
DC_5A_n78	30	10	630334	24@0	CP_16QAM	18.93	PASS
DC_5A_n78	30	10	630334	12@6	CP_16QAM	20.14	PASS
DC_5A_n78	30	10	630334	1@1	CP_16QAM	20.06	PASS
DC_5A_n78	30	10	630334	1@22	CP_16QAM	20.02	PASS
DC_5A_n78	30	10	630334	24@0	CP_64QAM	18.5	PASS
DC_5A_n78	30	10	630334	12@6	CP_64QAM	18.62	PASS
DC_5A_n78	30	10	630334	1@1	CP_64QAM	18.27	PASS
DC_5A_n78	30	10	630334	1@22	CP_64QAM	18.25	PASS
DC_5A_n78	30	10	630334	24@0	CP_256QAM	15.47	PASS
DC_5A_n78	30	10	630334	12@6	CP_256QAM	15.35	PASS
DC_5A_n78	30	10	630334	1@1	CP_256QAM	15.55	PASS
DC_5A_n78	30	10	630334	1@22	CP_256QAM	15.57	PASS
DC_5A_n78	30	10	633334	24@0	DFT_BPSK	20.59	PASS
DC_5A_n78	30	10	633334	12@6	DFT_BPSK	21.81	PASS
DC_5A_n78	30	10	633334	1@1	DFT_BPSK	21.81	PASS
DC_5A_n78	30	10	633334	1@22	DFT_BPSK	21.76	PASS
DC_5A_n78	30	10	633334	24@0	DFT_QPSK	20.82	PASS
DC_5A_n78	30	10	633334	12@6	DFT_QPSK	21.9	PASS
DC_5A_n78	30	10	633334	1@1	DFT_QPSK	21.82	PASS
DC_5A_n78	30	10	633334	1@22	DFT_QPSK	21.87	PASS
DC_5A_n78	30	10	633334	24@0	DFT_16QAM	19.85	PASS
DC_5A_n78	30	10	633334	12@6	DFT_16QAM	20.87	PASS
DC_5A_n78	30	10	633334	1@1	DFT_16QAM	20.6	PASS



DC_5A_n78	30	10	633334	1@22	DFT_16QAM	20.64	PASS
DC_5A_n78	30	10	633334	24@0	DFT_64QAM	19.46	PASS
DC_5A_n78	30	10	633334	12@6	DFT_64QAM	19.47	PASS
DC_5A_n78	30	10	633334	1@1	DFT_64QAM	19.26	PASS
DC_5A_n78	30	10	633334	1@22	DFT_64QAM	19.24	PASS
DC_5A_n78	30	10	633334	24@0	DFT_256QAM	17.33	PASS
DC_5A_n78	30	10	633334	12@6	DFT_256QAM	17.47	PASS
DC_5A_n78	30	10	633334	1@1	DFT_256QAM	17.25	PASS
DC_5A_n78	30	10	633334	1@22	DFT_256QAM	17.26	PASS
DC_5A_n78	30	10	633334	24@0	CP_QPSK	19.23	PASS
DC_5A_n78	30	10	633334	12@6	CP_QPSK	20.25	PASS
DC_5A_n78	30	10	633334	1@1	CP_QPSK	20.46	PASS
DC_5A_n78	30	10	633334	1@22	CP_QPSK	20.44	PASS
DC_5A_n78	30	10	633334	24@0	CP_16QAM	18.74	PASS
DC_5A_n78	30	10	633334	12@6	CP_16QAM	20.11	PASS
DC_5A_n78	30	10	633334	1@1	CP_16QAM	19.94	PASS
DC_5A_n78	30	10	633334	1@22	CP_16QAM	19.82	PASS
DC_5A_n78	30	10	633334	24@0	CP_64QAM	18.33	PASS
DC_5A_n78	30	10	633334	12@6	CP_64QAM	18.53	PASS
DC_5A_n78	30	10	633334	1@1	CP_64QAM	18.12	PASS
DC_5A_n78	30	10	633334	1@22	CP_64QAM	18.08	PASS
DC_5A_n78	30	10	633334	24@0	CP_256QAM	15.37	PASS
DC_5A_n78	30	10	633334	12@6	CP_256QAM	15.36	PASS
DC_5A_n78	30	10	633334	1@1	CP_256QAM	15.42	PASS
DC_5A_n78	30	10	633334	1@22	CP_256QAM	15.4	PASS
DC_5A_n78	30	10	636332	24@0	DFT_BPSK	21.69	PASS
DC_5A_n78	30	10	636332	12@6	DFT_BPSK	22.03	PASS
DC_5A_n78	30	10	636332	1@1	DFT_BPSK	22.05	PASS
DC_5A_n78	30	10	636332	1@22	DFT_BPSK	22	PASS
DC_5A_n78	30	10	636332	24@0	DFT_QPSK	21.06	PASS
DC_5A_n78	30	10	636332	12@6	DFT_QPSK	22.05	PASS
DC_5A_n78	30	10	636332	1@1	DFT_QPSK	22.12	PASS
DC_5A_n78	30	10	636332	1@22	DFT_QPSK	22.09	PASS
DC_5A_n78	30	10	636332	24@0	DFT_16QAM	20.17	PASS
DC_5A_n78	30	10	636332	12@6	DFT_16QAM	21.09	PASS
DC_5A_n78	30	10	636332	1@1	DFT_16QAM	20.86	PASS
DC_5A_n78	30	10	636332	1@22	DFT_16QAM	20.79	PASS
DC_5A_n78	30	10	636332	24@0	DFT_64QAM	19.76	PASS
DC_5A_n78	30	10	636332	12@6	DFT_64QAM	19.65	PASS
DC_5A_n78	30	10	636332	1@1	DFT_64QAM	19.55	PASS
DC_5A_n78	30	10	636332	1@22	DFT_64QAM	19.46	PASS
DC_5A_n78	30	10	636332	24@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	10	636332	12@6	DFT_256QAM	17.11	PASS
DC_5A_n78	30	10	636332	1@1	DFT_256QAM	17.26	PASS
DC_5A_n78	30	10	636332	1@22	DFT_256QAM	17.15	PASS
DC_5A_n78	30	10	636332	24@0	CP_QPSK	19.69	PASS
DC_5A_n78	30	10	636332	12@6	CP_QPSK	20.45	PASS
DC_5A_n78	30	10	636332	1@1	CP_QPSK	20.44	PASS
DC_5A_n78	30	10	636332	1@22	CP_QPSK	20.82	PASS
DC_5A_n78	30	10	636332	24@0	CP_16QAM	20.1	PASS
DC_5A_n78	30	10	636332	12@6	CP_16QAM	20.2	PASS



DC_5A_n78	30	10	636332	1@1	CP_16QAM	20.18	PASS
DC_5A_n78	30	10	636332	1@22	CP_16QAM	20.12	PASS
DC_5A_n78	30	10	636332	24@0	CP_64QAM	18.62	PASS
DC_5A_n78	30	10	636332	12@6	CP_64QAM	18.63	PASS
DC_5A_n78	30	10	636332	1@1	CP_64QAM	18.36	PASS
DC_5A_n78	30	10	636332	1@22	CP_64QAM	18.34	PASS
DC_5A_n78	30	10	636332	24@0	CP_256QAM	15.55	PASS
DC_5A_n78	30	10	636332	12@6	CP_256QAM	15.65	PASS
DC_5A_n78	30	10	636332	1@1	CP_256QAM	15.69	PASS
DC_5A_n78	30	10	636332	1@22	CP_256QAM	15.65	PASS
DC_5A_n78	30	15	630500	36@0	DFT_BPSK	21.77	PASS
DC_5A_n78	30	15	630500	18@9	DFT_BPSK	22.13	PASS
DC_5A_n78	30	15	630500	1@1	DFT_BPSK	21.96	PASS
DC_5A_n78	30	15	630500	1@36	DFT_BPSK	22	PASS
DC_5A_n78	30	15	630500	36@0	DFT_QPSK	21.12	PASS
DC_5A_n78	30	15	630500	18@9	DFT_QPSK	22.09	PASS
DC_5A_n78	30	15	630500	1@1	DFT_QPSK	22.05	PASS
DC_5A_n78	30	15	630500	1@36	DFT_QPSK	22	PASS
DC_5A_n78	30	15	630500	36@0	DFT_16QAM	20.14	PASS
DC_5A_n78	30	15	630500	18@9	DFT_16QAM	21.09	PASS
DC_5A_n78	30	15	630500	1@1	DFT_16QAM	20.88	PASS
DC_5A_n78	30	15	630500	1@36	DFT_16QAM	20.79	PASS
DC_5A_n78	30	15	630500	36@0	DFT_64QAM	19.56	PASS
DC_5A_n78	30	15	630500	18@9	DFT_64QAM	19.65	PASS
DC_5A_n78	30	15	630500	1@1	DFT_64QAM	19.46	PASS
DC_5A_n78	30	15	630500	1@36	DFT_64QAM	19.41	PASS
DC_5A_n78	30	15	630500	36@0	DFT_256QAM	17.3	PASS
DC_5A_n78	30	15	630500	18@9	DFT_256QAM	17.56	PASS
DC_5A_n78	30	15	630500	1@1	DFT_256QAM	17.32	PASS
DC_5A_n78	30	15	630500	1@36	DFT_256QAM	17.71	PASS
DC_5A_n78	30	15	630500	38@0	CP_QPSK	19.24	PASS
DC_5A_n78	30	15	630500	19@9	CP_QPSK	20.15	PASS
DC_5A_n78	30	15	630500	1@1	CP_QPSK	20.36	PASS
DC_5A_n78	30	15	630500	1@36	CP_QPSK	20.14	PASS
DC_5A_n78	30	15	630500	38@0	CP_16QAM	19.68	PASS
DC_5A_n78	30	15	630500	19@9	CP_16QAM	20.07	PASS
DC_5A_n78	30	15	630500	1@1	CP_16QAM	19.87	PASS
DC_5A_n78	30	15	630500	1@36	CP_16QAM	19.85	PASS
DC_5A_n78	30	15	630500	38@0	CP_64QAM	18.53	PASS
DC_5A_n78	30	15	630500	19@9	CP_64QAM	18.58	PASS
DC_5A_n78	30	15	630500	1@1	CP_64QAM	18.35	PASS
DC_5A_n78	30	15	630500	1@36	CP_64QAM	18.26	PASS
DC_5A_n78	30	15	630500	38@0	CP_256QAM	15.62	PASS
DC_5A_n78	30	15	630500	19@9	CP_256QAM	15.67	PASS
DC_5A_n78	30	15	630500	1@1	CP_256QAM	15.67	PASS
DC_5A_n78	30	15	630500	1@36	CP_256QAM	15.62	PASS
DC_5A_n78	30	15	633334	36@0	DFT_BPSK	21.12	PASS
DC_5A_n78	30	15	633334	18@9	DFT_BPSK	22.15	PASS
DC_5A_n78	30	15	633334	1@1	DFT_BPSK	21.69	PASS
DC_5A_n78	30	15	633334	1@36	DFT_BPSK	21.86	PASS
DC_5A_n78	30	15	633334	36@0	DFT_QPSK	20.93	PASS



DC_5A_n78	30	15	633334	18@9	DFT_QPSK	22	PASS
DC_5A_n78	30	15	633334	1@1	DFT_QPSK	21.86	PASS
DC_5A_n78	30	15	633334	1@36	DFT_QPSK	21.86	PASS
DC_5A_n78	30	15	633334	36@0	DFT_16QAM	19.97	PASS
DC_5A_n78	30	15	633334	18@9	DFT_16QAM	20.93	PASS
DC_5A_n78	30	15	633334	1@1	DFT_16QAM	20.71	PASS
DC_5A_n78	30	15	633334	1@36	DFT_16QAM	20.67	PASS
DC_5A_n78	30	15	633334	36@0	DFT_64QAM	19.45	PASS
DC_5A_n78	30	15	633334	18@9	DFT_64QAM	19.52	PASS
DC_5A_n78	30	15	633334	1@1	DFT_64QAM	19.31	PASS
DC_5A_n78	30	15	633334	1@36	DFT_64QAM	19.35	PASS
DC_5A_n78	30	15	633334	36@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	15	633334	18@9	DFT_256QAM	17.22	PASS
DC_5A_n78	30	15	633334	1@1	DFT_256QAM	17.16	PASS
DC_5A_n78	30	15	633334	1@36	DFT_256QAM	17.09	PASS
DC_5A_n78	30	15	633334	38@0	CP_QPSK	19.83	PASS
DC_5A_n78	30	15	633334	19@9	CP_QPSK	20.44	PASS
DC_5A_n78	30	15	633334	1@1	CP_QPSK	20.43	PASS
DC_5A_n78	30	15	633334	1@36	CP_QPSK	20.48	PASS
DC_5A_n78	30	15	633334	38@0	CP_16QAM	18.98	PASS
DC_5A_n78	30	15	633334	19@9	CP_16QAM	19.99	PASS
DC_5A_n78	30	15	633334	1@1	CP_16QAM	19.9	PASS
DC_5A_n78	30	15	633334	1@36	CP_16QAM	19.81	PASS
DC_5A_n78	30	15	633334	38@0	CP_64QAM	18.48	PASS
DC_5A_n78	30	15	633334	19@9	CP_64QAM	18.45	PASS
DC_5A_n78	30	15	633334	1@1	CP_64QAM	18.13	PASS
DC_5A_n78	30	15	633334	1@36	CP_64QAM	18.16	PASS
DC_5A_n78	30	15	633334	38@0	CP_256QAM	15.58	PASS
DC_5A_n78	30	15	633334	19@9	CP_256QAM	15.59	PASS
DC_5A_n78	30	15	633334	1@1	CP_256QAM	15.54	PASS
DC_5A_n78	30	15	633334	1@36	CP_256QAM	15.53	PASS
DC_5A_n78	30	15	636166	36@0	DFT_BPSK	21.36	PASS
DC_5A_n78	30	15	636166	18@9	DFT_BPSK	22.15	PASS
DC_5A_n78	30	15	636166	1@1	DFT_BPSK	22.18	PASS
DC_5A_n78	30	15	636166	1@36	DFT_BPSK	22.14	PASS
DC_5A_n78	30	15	636166	36@0	DFT_QPSK	21.36	PASS
DC_5A_n78	30	15	636166	18@9	DFT_QPSK	22.21	PASS
DC_5A_n78	30	15	636166	1@1	DFT_QPSK	22.16	PASS
DC_5A_n78	30	15	636166	1@36	DFT_QPSK	22.12	PASS
DC_5A_n78	30	15	636166	36@0	DFT_16QAM	20.2	PASS
DC_5A_n78	30	15	636166	18@9	DFT_16QAM	21.15	PASS
DC_5A_n78	30	15	636166	1@1	DFT_16QAM	21.01	PASS
DC_5A_n78	30	15	636166	1@36	DFT_16QAM	20.86	PASS
DC_5A_n78	30	15	636166	36@0	DFT_64QAM	19.67	PASS
DC_5A_n78	30	15	636166	18@9	DFT_64QAM	19.79	PASS
DC_5A_n78	30	15	636166	1@1	DFT_64QAM	19.54	PASS
DC_5A_n78	30	15	636166	1@36	DFT_64QAM	19.48	PASS
DC_5A_n78	30	15	636166	36@0	DFT_256QAM	17.6	PASS
DC_5A_n78	30	15	636166	18@9	DFT_256QAM	17.75	PASS
DC_5A_n78	30	15	636166	1@1	DFT_256QAM	17.66	PASS
DC_5A_n78	30	15	636166	1@36	DFT_256QAM	17.62	PASS



DC_5A_n78	30	15	636166	38@0	CP_QPSK	20.1	PASS
DC_5A_n78	30	15	636166	19@9	CP_QPSK	20.25	PASS
DC_5A_n78	30	15	636166	1@1	CP_QPSK	20.15	PASS
DC_5A_n78	30	15	636166	1@36	CP_QPSK	20.44	PASS
DC_5A_n78	30	15	636166	38@0	CP_16QAM	19.21	PASS
DC_5A_n78	30	15	636166	19@9	CP_16QAM	20.2	PASS
DC_5A_n78	30	15	636166	1@1	CP_16QAM	20.06	PASS
DC_5A_n78	30	15	636166	1@36	CP_16QAM	20.02	PASS
DC_5A_n78	30	15	636166	38@0	CP_64QAM	18.72	PASS
DC_5A_n78	30	15	636166	19@9	CP_64QAM	18.66	PASS
DC_5A_n78	30	15	636166	1@1	CP_64QAM	18.46	PASS
DC_5A_n78	30	15	636166	1@36	CP_64QAM	18.29	PASS
DC_5A_n78	30	15	636166	38@0	CP_256QAM	15.79	PASS
DC_5A_n78	30	15	636166	19@9	CP_256QAM	15.87	PASS
DC_5A_n78	30	15	636166	1@1	CP_256QAM	15.77	PASS
DC_5A_n78	30	15	636166	1@36	CP_256QAM	15.69	PASS
DC_5A_n78	30	20	630668	50@0	DFT_BPSK	21.96	PASS
DC_5A_n78	30	20	630668	25@12	DFT_BPSK	22.07	PASS
DC_5A_n78	30	20	630668	1@1	DFT_BPSK	22.07	PASS
DC_5A_n78	30	20	630668	1@49	DFT_BPSK	21.95	PASS
DC_5A_n78	30	20	630668	50@0	DFT_QPSK	21.13	PASS
DC_5A_n78	30	20	630668	25@12	DFT_QPSK	22.13	PASS
DC_5A_n78	30	20	630668	1@1	DFT_QPSK	22.03	PASS
DC_5A_n78	30	20	630668	1@49	DFT_QPSK	22.03	PASS
DC_5A_n78	30	20	630668	50@0	DFT_16QAM	20.06	PASS
DC_5A_n78	30	20	630668	25@12	DFT_16QAM	21.07	PASS
DC_5A_n78	30	20	630668	1@1	DFT_16QAM	20.85	PASS
DC_5A_n78	30	20	630668	1@49	DFT_16QAM	20.77	PASS
DC_5A_n78	30	20	630668	50@0	DFT_64QAM	19.55	PASS
DC_5A_n78	30	20	630668	25@12	DFT_64QAM	19.59	PASS
DC_5A_n78	30	20	630668	1@1	DFT_64QAM	19.49	PASS
DC_5A_n78	30	20	630668	1@49	DFT_64QAM	19.47	PASS
DC_5A_n78	30	20	630668	50@0	DFT_256QAM	17.3	PASS
DC_5A_n78	30	20	630668	25@12	DFT_256QAM	17.26	PASS
DC_5A_n78	30	20	630668	1@1	DFT_256QAM	17.44	PASS
DC_5A_n78	30	20	630668	1@49	DFT_256QAM	17.26	PASS
DC_5A_n78	30	20	630668	51@0	CP_QPSK	19.86	PASS
DC_5A_n78	30	20	630668	25@12	CP_QPSK	20.61	PASS
DC_5A_n78	30	20	630668	1@1	CP_QPSK	20.63	PASS
DC_5A_n78	30	20	630668	1@49	CP_QPSK	20.51	PASS
DC_5A_n78	30	20	630668	51@0	CP_16QAM	19.08	PASS
DC_5A_n78	30	20	630668	25@12	CP_16QAM	20.1	PASS
DC_5A_n78	30	20	630668	1@1	CP_16QAM	19.98	PASS
DC_5A_n78	30	20	630668	1@49	CP_16QAM	20	PASS
DC_5A_n78	30	20	630668	51@0	CP_64QAM	18.59	PASS
DC_5A_n78	30	20	630668	25@12	CP_64QAM	18.72	PASS
DC_5A_n78	30	20	630668	1@1	CP_64QAM	18.32	PASS
DC_5A_n78	30	20	630668	1@49	CP_64QAM	18.33	PASS
DC_5A_n78	30	20	630668	51@0	CP_256QAM	15.69	PASS
DC_5A_n78	30	20	630668	25@12	CP_256QAM	15.65	PASS
DC_5A_n78	30	20	630668	1@1	CP_256QAM	15.68	PASS



DC_5A_n78	30	20	630668	1@49	CP_256QAM	15.64	PASS
DC_5A_n78	30	20	633334	50@0	DFT_BPSK	20.86	PASS
DC_5A_n78	30	20	633334	25@12	DFT_BPSK	21.96	PASS
DC_5A_n78	30	20	633334	1@1	DFT_BPSK	21.84	PASS
DC_5A_n78	30	20	633334	1@49	DFT_BPSK	21.86	PASS
DC_5A_n78	30	20	633334	50@0	DFT_QPSK	20.9	PASS
DC_5A_n78	30	20	633334	25@12	DFT_QPSK	21.97	PASS
DC_5A_n78	30	20	633334	1@1	DFT_QPSK	21.89	PASS
DC_5A_n78	30	20	633334	1@49	DFT_QPSK	21.86	PASS
DC_5A_n78	30	20	633334	50@0	DFT_16QAM	19.93	PASS
DC_5A_n78	30	20	633334	25@12	DFT_16QAM	20.93	PASS
DC_5A_n78	30	20	633334	1@1	DFT_16QAM	20.63	PASS
DC_5A_n78	30	20	633334	1@49	DFT_16QAM	20.59	PASS
DC_5A_n78	30	20	633334	50@0	DFT_64QAM	19.41	PASS
DC_5A_n78	30	20	633334	25@12	DFT_64QAM	19.44	PASS
DC_5A_n78	30	20	633334	1@1	DFT_64QAM	19.34	PASS
DC_5A_n78	30	20	633334	1@49	DFT_64QAM	19.34	PASS
DC_5A_n78	30	20	633334	50@0	DFT_256QAM	17.1	PASS
DC_5A_n78	30	20	633334	25@12	DFT_256QAM	17.26	PASS
DC_5A_n78	30	20	633334	1@1	DFT_256QAM	17.22	PASS
DC_5A_n78	30	20	633334	1@49	DFT_256QAM	17.8	PASS
DC_5A_n78	30	20	633334	51@0	CP_QPSK	19.9	PASS
DC_5A_n78	30	20	633334	25@12	CP_QPSK	20.47	PASS
DC_5A_n78	30	20	633334	1@1	CP_QPSK	20.51	PASS
DC_5A_n78	30	20	633334	1@49	CP_QPSK	20.4	PASS
DC_5A_n78	30	20	633334	51@0	CP_16QAM	18.9	PASS
DC_5A_n78	30	20	633334	25@12	CP_16QAM	20	PASS
DC_5A_n78	30	20	633334	1@1	CP_16QAM	19.9	PASS
DC_5A_n78	30	20	633334	1@49	CP_16QAM	19.8	PASS
DC_5A_n78	30	20	633334	51@0	CP_64QAM	18.44	PASS
DC_5A_n78	30	20	633334	25@12	CP_64QAM	18.52	PASS
DC_5A_n78	30	20	633334	1@1	CP_64QAM	18.17	PASS
DC_5A_n78	30	20	633334	1@49	CP_64QAM	18.09	PASS
DC_5A_n78	30	20	633334	51@0	CP_256QAM	15.47	PASS
DC_5A_n78	30	20	633334	25@12	CP_256QAM	15.53	PASS
DC_5A_n78	30	20	633334	1@1	CP_256QAM	15.54	PASS
DC_5A_n78	30	20	633334	1@49	CP_256QAM	15.48	PASS
DC_5A_n78	30	20	636000	50@0	DFT_BPSK	21.88	PASS
DC_5A_n78	30	20	636000	25@12	DFT_BPSK	22.17	PASS
DC_5A_n78	30	20	636000	1@1	DFT_BPSK	22.11	PASS
DC_5A_n78	30	20	636000	1@49	DFT_BPSK	22.05	PASS
DC_5A_n78	30	20	636000	50@0	DFT_QPSK	21.19	PASS
DC_5A_n78	30	20	636000	25@12	DFT_QPSK	22.03	PASS
DC_5A_n78	30	20	636000	1@1	DFT_QPSK	22.13	PASS
DC_5A_n78	30	20	636000	1@49	DFT_QPSK	22.1	PASS
DC_5A_n78	30	20	636000	50@0	DFT_16QAM	20.17	PASS
DC_5A_n78	30	20	636000	25@12	DFT_16QAM	21.15	PASS
DC_5A_n78	30	20	636000	1@1	DFT_16QAM	21.01	PASS
DC_5A_n78	30	20	636000	1@49	DFT_16QAM	20.86	PASS
DC_5A_n78	30	20	636000	50@0	DFT_64QAM	19.64	PASS
DC_5A_n78	30	20	636000	25@12	DFT_64QAM	19.65	PASS



DC_5A_n78	30	20	636000	1@1	DFT_64QAM	19.58	PASS
DC_5A_n78	30	20	636000	1@49	DFT_64QAM	19.5	PASS
DC_5A_n78	30	20	636000	50@0	DFT_256QAM	17.1	PASS
DC_5A_n78	30	20	636000	25@12	DFT_256QAM	17.26	PASS
DC_5A_n78	30	20	636000	1@1	DFT_256QAM	17.22	PASS
DC_5A_n78	30	20	636000	1@49	DFT_256QAM	17.18	PASS
DC_5A_n78	30	20	636000	51@0	CP_QPSK	19.64	PASS
DC_5A_n78	30	20	636000	25@12	CP_QPSK	20.68	PASS
DC_5A_n78	30	20	636000	1@1	CP_QPSK	20.7	PASS
DC_5A_n78	30	20	636000	1@49	CP_QPSK	20.63	PASS
DC_5A_n78	30	20	636000	51@0	CP_16QAM	19.15	PASS
DC_5A_n78	30	20	636000	25@12	CP_16QAM	20.31	PASS
DC_5A_n78	30	20	636000	1@1	CP_16QAM	20.05	PASS
DC_5A_n78	30	20	636000	1@49	CP_16QAM	19.95	PASS
DC_5A_n78	30	20	636000	51@0	CP_64QAM	18.62	PASS
DC_5A_n78	30	20	636000	25@12	CP_64QAM	18.71	PASS
DC_5A_n78	30	20	636000	1@1	CP_64QAM	18.46	PASS
DC_5A_n78	30	20	636000	1@49	CP_64QAM	18.3	PASS
DC_5A_n78	30	20	636000	51@0	CP_256QAM	15.74	PASS
DC_5A_n78	30	20	636000	25@12	CP_256QAM	15.78	PASS
DC_5A_n78	30	20	636000	1@1	CP_256QAM	15.78	PASS
DC_5A_n78	30	20	636000	1@49	CP_256QAM	15.7	PASS
DC_5A_n78	30	40	631334	100@0	DFT_BPSK	21.91	PASS
DC_5A_n78	30	40	631334	50@25	DFT_BPSK	22.06	PASS
DC_5A_n78	30	40	631334	1@1	DFT_BPSK	22.08	PASS
DC_5A_n78	30	40	631334	1@104	DFT_BPSK	21.88	PASS
DC_5A_n78	30	40	631334	100@0	DFT_QPSK	21.04	PASS
DC_5A_n78	30	40	631334	50@25	DFT_QPSK	22.05	PASS
DC_5A_n78	30	40	631334	1@1	DFT_QPSK	22.13	PASS
DC_5A_n78	30	40	631334	1@104	DFT_QPSK	21.96	PASS
DC_5A_n78	30	40	631334	100@0	DFT_16QAM	20.05	PASS
DC_5A_n78	30	40	631334	50@25	DFT_16QAM	21.03	PASS
DC_5A_n78	30	40	631334	1@1	DFT_16QAM	20.93	PASS
DC_5A_n78	30	40	631334	1@104	DFT_16QAM	20.72	PASS
DC_5A_n78	30	40	631334	100@0	DFT_64QAM	19.5	PASS
DC_5A_n78	30	40	631334	50@25	DFT_64QAM	19.53	PASS
DC_5A_n78	30	40	631334	1@1	DFT_64QAM	19.53	PASS
DC_5A_n78	30	40	631334	1@104	DFT_64QAM	19.41	PASS
DC_5A_n78	30	40	631334	100@0	DFT_256QAM	17.36	PASS
DC_5A_n78	30	40	631334	50@25	DFT_256QAM	17.14	PASS
DC_5A_n78	30	40	631334	1@1	DFT_256QAM	17.22	PASS
DC_5A_n78	30	40	631334	1@104	DFT_256QAM	17.54	PASS
DC_5A_n78	30	40	631334	106@0	CP_QPSK	19.93	PASS
DC_5A_n78	30	40	631334	53@26	CP_QPSK	20.54	PASS
DC_5A_n78	30	40	631334	1@1	CP_QPSK	20.64	PASS
DC_5A_n78	30	40	631334	1@104	CP_QPSK	20.53	PASS
DC_5A_n78	30	40	631334	106@0	CP_16QAM	19.09	PASS
DC_5A_n78	30	40	631334	53@26	CP_16QAM	19.99	PASS
DC_5A_n78	30	40	631334	1@1	CP_16QAM	20.03	PASS
DC_5A_n78	30	40	631334	1@104	CP_16QAM	19.88	PASS
DC_5A_n78	30	40	631334	106@0	CP_64QAM	18.57	PASS



DC_5A_n78	30	40	631334	53@26	CP_64QAM	18.61	PASS
DC_5A_n78	30	40	631334	1@1	CP_64QAM	18.33	PASS
DC_5A_n78	30	40	631334	1@104	CP_64QAM	18.19	PASS
DC_5A_n78	30	40	631334	106@0	CP_256QAM	15.55	PASS
DC_5A_n78	30	40	631334	53@26	CP_256QAM	15.57	PASS
DC_5A_n78	30	40	631334	1@1	CP_256QAM	15.73	PASS
DC_5A_n78	30	40	631334	1@104	CP_256QAM	15.58	PASS
DC_5A_n78	30	40	633334	100@0	DFT_BPSK	21.84	PASS
DC_5A_n78	30	40	633334	50@25	DFT_BPSK	21.92	PASS
DC_5A_n78	30	40	633334	1@1	DFT_BPSK	21.89	PASS
DC_5A_n78	30	40	633334	1@104	DFT_BPSK	21.77	PASS
DC_5A_n78	30	40	633334	100@0	DFT_QPSK	20.92	PASS
DC_5A_n78	30	40	633334	50@25	DFT_QPSK	21.9	PASS
DC_5A_n78	30	40	633334	1@1	DFT_QPSK	21.94	PASS
DC_5A_n78	30	40	633334	1@104	DFT_QPSK	21.82	PASS
DC_5A_n78	30	40	633334	100@0	DFT_16QAM	19.87	PASS
DC_5A_n78	30	40	633334	50@25	DFT_16QAM	20.87	PASS
DC_5A_n78	30	40	633334	1@1	DFT_16QAM	20.76	PASS
DC_5A_n78	30	40	633334	1@104	DFT_16QAM	20.6	PASS
DC_5A_n78	30	40	633334	100@0	DFT_64QAM	19.39	PASS
DC_5A_n78	30	40	633334	50@25	DFT_64QAM	19.4	PASS
DC_5A_n78	30	40	633334	1@1	DFT_64QAM	19.36	PASS
DC_5A_n78	30	40	633334	1@104	DFT_64QAM	19.29	PASS
DC_5A_n78	30	40	633334	100@0	DFT_256QAM	17.18	PASS
DC_5A_n78	30	40	633334	50@25	DFT_256QAM	17.22	PASS
DC_5A_n78	30	40	633334	1@1	DFT_256QAM	17.13	PASS
DC_5A_n78	30	40	633334	1@104	DFT_256QAM	17.64	PASS
DC_5A_n78	30	40	633334	106@0	CP_QPSK	19.35	PASS
DC_5A_n78	30	40	633334	53@26	CP_QPSK	19.88	PASS
DC_5A_n78	30	40	633334	1@1	CP_QPSK	20.12	PASS
DC_5A_n78	30	40	633334	1@104	CP_QPSK	20.14	PASS
DC_5A_n78	30	40	633334	106@0	CP_16QAM	19.17	PASS
DC_5A_n78	30	40	633334	53@26	CP_16QAM	19.87	PASS
DC_5A_n78	30	40	633334	1@1	CP_16QAM	19.92	PASS
DC_5A_n78	30	40	633334	1@104	CP_16QAM	19.81	PASS
DC_5A_n78	30	40	633334	106@0	CP_64QAM	18.39	PASS
DC_5A_n78	30	40	633334	53@26	CP_64QAM	18.43	PASS
DC_5A_n78	30	40	633334	1@1	CP_64QAM	18.23	PASS
DC_5A_n78	30	40	633334	1@104	CP_64QAM	18.12	PASS
DC_5A_n78	30	40	633334	106@0	CP_256QAM	15.45	PASS
DC_5A_n78	30	40	633334	53@26	CP_256QAM	15.42	PASS
DC_5A_n78	30	40	633334	1@1	CP_256QAM	15.57	PASS
DC_5A_n78	30	40	633334	1@104	CP_256QAM	15.45	PASS
DC_5A_n78	30	40	635332	100@0	DFT_BPSK	21.99	PASS
DC_5A_n78	30	40	635332	50@25	DFT_BPSK	22.14	PASS
DC_5A_n78	30	40	635332	1@1	DFT_BPSK	21.85	PASS
DC_5A_n78	30	40	635332	1@104	DFT_BPSK	21.77	PASS
DC_5A_n78	30	40	635332	100@0	DFT_QPSK	21.23	PASS
DC_5A_n78	30	40	635332	50@25	DFT_QPSK	21.94	PASS
DC_5A_n78	30	40	635332	1@1	DFT_QPSK	21.98	PASS
DC_5A_n78	30	40	635332	1@104	DFT_QPSK	21.86	PASS



DC_5A_n78	30	40	635332	100@0	DFT_16QAM	19.87	PASS
DC_5A_n78	30	40	635332	50@25	DFT_16QAM	20.92	PASS
DC_5A_n78	30	40	635332	1@1	DFT_16QAM	20.77	PASS
DC_5A_n78	30	40	635332	1@104	DFT_16QAM	20.64	PASS
DC_5A_n78	30	40	635332	100@0	DFT_64QAM	19.4	PASS
DC_5A_n78	30	40	635332	50@25	DFT_64QAM	19.44	PASS
DC_5A_n78	30	40	635332	1@1	DFT_64QAM	19.42	PASS
DC_5A_n78	30	40	635332	1@104	DFT_64QAM	19.24	PASS
DC_5A_n78	30	40	635332	100@0	DFT_256QAM	17.15	PASS
DC_5A_n78	30	40	635332	50@25	DFT_256QAM	17.11	PASS
DC_5A_n78	30	40	635332	1@1	DFT_256QAM	17.23	PASS
DC_5A_n78	30	40	635332	1@104	DFT_256QAM	17.11	PASS
DC_5A_n78	30	40	635332	106@0	CP_QPSK	19.68	PASS
DC_5A_n78	30	40	635332	53@26	CP_QPSK	20.43	PASS
DC_5A_n78	30	40	635332	1@1	CP_QPSK	20.6	PASS
DC_5A_n78	30	40	635332	1@104	CP_QPSK	20.47	PASS
DC_5A_n78	30	40	635332	106@0	CP_16QAM	18.94	PASS
DC_5A_n78	30	40	635332	53@26	CP_16QAM	19.92	PASS
DC_5A_n78	30	40	635332	1@1	CP_16QAM	19.82	PASS
DC_5A_n78	30	40	635332	1@104	CP_16QAM	19.75	PASS
DC_5A_n78	30	40	635332	106@0	CP_64QAM	18.41	PASS
DC_5A_n78	30	40	635332	53@26	CP_64QAM	18.49	PASS
DC_5A_n78	30	40	635332	1@1	CP_64QAM	18.24	PASS
DC_5A_n78	30	40	635332	1@104	CP_64QAM	18.12	PASS
DC_5A_n78	30	40	635332	106@0	CP_256QAM	15.46	PASS
DC_5A_n78	30	40	635332	53@26	CP_256QAM	15.48	PASS
DC_5A_n78	30	40	635332	1@1	CP_256QAM	15.59	PASS
DC_5A_n78	30	40	635332	1@104	CP_256QAM	15.47	PASS
DC_5A_n78	30	50	631668	128@0	DFT_BPSK	22.01	PASS
DC_5A_n78	30	50	631668	64@32	DFT_BPSK	22.07	PASS
DC_5A_n78	30	50	631668	1@1	DFT_BPSK	21.97	PASS
DC_5A_n78	30	50	631668	1@131	DFT_BPSK	21.82	PASS
DC_5A_n78	30	50	631668	128@0	DFT_QPSK	21.05	PASS
DC_5A_n78	30	50	631668	64@32	DFT_QPSK	22.06	PASS
DC_5A_n78	30	50	631668	1@1	DFT_QPSK	22.04	PASS
DC_5A_n78	30	50	631668	1@131	DFT_QPSK	21.91	PASS
DC_5A_n78	30	50	631668	128@0	DFT_16QAM	20.02	PASS
DC_5A_n78	30	50	631668	64@32	DFT_16QAM	20.99	PASS
DC_5A_n78	30	50	631668	1@1	DFT_16QAM	20.81	PASS
DC_5A_n78	30	50	631668	1@131	DFT_16QAM	20.66	PASS
DC_5A_n78	30	50	631668	128@0	DFT_64QAM	19.55	PASS
DC_5A_n78	30	50	631668	64@32	DFT_64QAM	19.53	PASS
DC_5A_n78	30	50	631668	1@1	DFT_64QAM	19.54	PASS
DC_5A_n78	30	50	631668	1@131	DFT_64QAM	19.38	PASS
DC_5A_n78	30	50	631668	128@0	DFT_256QAM	17.09	PASS
DC_5A_n78	30	50	631668	64@32	DFT_256QAM	17.11	PASS
DC_5A_n78	30	50	631668	1@1	DFT_256QAM	17.23	PASS
DC_5A_n78	30	50	631668	1@131	DFT_256QAM	17.14	PASS
DC_5A_n78	30	50	631668	133@0	CP_QPSK	19.09	PASS
DC_5A_n78	30	50	631668	67@33	CP_QPSK	20.17	PASS
DC_5A_n78	30	50	631668	1@1	CP_QPSK	20.15	PASS



DC_5A_n78	30	50	631668	1@131	CP_QPSK	20.44	PASS
DC_5A_n78	30	50	631668	133@0	CP_16QAM	19.02	PASS
DC_5A_n78	30	50	631668	67@33	CP_16QAM	20.04	PASS
DC_5A_n78	30	50	631668	1@1	CP_16QAM	19.99	PASS
DC_5A_n78	30	50	631668	1@131	CP_16QAM	19.83	PASS
DC_5A_n78	30	50	631668	133@0	CP_64QAM	18.5	PASS
DC_5A_n78	30	50	631668	67@33	CP_64QAM	18.54	PASS
DC_5A_n78	30	50	631668	1@1	CP_64QAM	18.28	PASS
DC_5A_n78	30	50	631668	1@131	CP_64QAM	18.11	PASS
DC_5A_n78	30	50	631668	133@0	CP_256QAM	15.56	PASS
DC_5A_n78	30	50	631668	67@33	CP_256QAM	15.56	PASS
DC_5A_n78	30	50	631668	1@1	CP_256QAM	15.62	PASS
DC_5A_n78	30	50	631668	1@131	CP_256QAM	15.49	PASS
DC_5A_n78	30	50	633334	128@0	DFT_BPSK	20.97	PASS
DC_5A_n78	30	50	633334	64@32	DFT_BPSK	21.94	PASS
DC_5A_n78	30	50	633334	1@1	DFT_BPSK	21.85	PASS
DC_5A_n78	30	50	633334	1@131	DFT_BPSK	21.7	PASS
DC_5A_n78	30	50	633334	128@0	DFT_QPSK	20.94	PASS
DC_5A_n78	30	50	633334	64@32	DFT_QPSK	21.91	PASS
DC_5A_n78	30	50	633334	1@1	DFT_QPSK	21.9	PASS
DC_5A_n78	30	50	633334	1@131	DFT_QPSK	21.77	PASS
DC_5A_n78	30	50	633334	128@0	DFT_16QAM	19.95	PASS
DC_5A_n78	30	50	633334	64@32	DFT_16QAM	20.87	PASS
DC_5A_n78	30	50	633334	1@1	DFT_16QAM	20.64	PASS
DC_5A_n78	30	50	633334	1@131	DFT_16QAM	20.48	PASS
DC_5A_n78	30	50	633334	128@0	DFT_64QAM	19.44	PASS
DC_5A_n78	30	50	633334	64@32	DFT_64QAM	19.41	PASS
DC_5A_n78	30	50	633334	1@1	DFT_64QAM	19.31	PASS
DC_5A_n78	30	50	633334	1@131	DFT_64QAM	19.18	PASS
DC_5A_n78	30	50	633334	128@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	50	633334	64@32	DFT_256QAM	17.15	PASS
DC_5A_n78	30	50	633334	1@1	DFT_256QAM	17.55	PASS
DC_5A_n78	30	50	633334	1@131	DFT_256QAM	17.12	PASS
DC_5A_n78	30	50	633334	133@0	CP_QPSK	19.86	PASS
DC_5A_n78	30	50	633334	67@33	CP_QPSK	20.42	PASS
DC_5A_n78	30	50	633334	1@1	CP_QPSK	20.5	PASS
DC_5A_n78	30	50	633334	1@131	CP_QPSK	20.3	PASS
DC_5A_n78	30	50	633334	133@0	CP_16QAM	18.89	PASS
DC_5A_n78	30	50	633334	67@33	CP_16QAM	19.91	PASS
DC_5A_n78	30	50	633334	1@1	CP_16QAM	19.85	PASS
DC_5A_n78	30	50	633334	1@131	CP_16QAM	19.71	PASS
DC_5A_n78	30	50	633334	133@0	CP_64QAM	18.43	PASS
DC_5A_n78	30	50	633334	67@33	CP_64QAM	18.39	PASS
DC_5A_n78	30	50	633334	1@1	CP_64QAM	18.18	PASS
DC_5A_n78	30	50	633334	1@131	CP_64QAM	18.04	PASS
DC_5A_n78	30	50	633334	133@0	CP_256QAM	15.47	PASS
DC_5A_n78	30	50	633334	67@33	CP_256QAM	15.47	PASS
DC_5A_n78	30	50	633334	1@1	CP_256QAM	15.56	PASS
DC_5A_n78	30	50	633334	1@131	CP_256QAM	15.4	PASS
DC_5A_n78	30	50	635000	128@0	DFT_BPSK	21.88	PASS
DC_5A_n78	30	50	635000	64@32	DFT_BPSK	22.04	PASS



DC_5A_n78	30	50	635000	1@1	DFT_BPSK	22.11	PASS
DC_5A_n78	30	50	635000	1@131	DFT_BPSK	21.89	PASS
DC_5A_n78	30	50	635000	128@0	DFT_QPSK	21.3	PASS
DC_5A_n78	30	50	635000	64@32	DFT_QPSK	21.97	PASS
DC_5A_n78	30	50	635000	1@1	DFT_QPSK	21.97	PASS
DC_5A_n78	30	50	635000	1@131	DFT_QPSK	21.8	PASS
DC_5A_n78	30	50	635000	128@0	DFT_16QAM	19.97	PASS
DC_5A_n78	30	50	635000	64@32	DFT_16QAM	20.86	PASS
DC_5A_n78	30	50	635000	1@1	DFT_16QAM	20.72	PASS
DC_5A_n78	30	50	635000	1@131	DFT_16QAM	20.56	PASS
DC_5A_n78	30	50	635000	128@0	DFT_64QAM	19.43	PASS
DC_5A_n78	30	50	635000	64@32	DFT_64QAM	19.46	PASS
DC_5A_n78	30	50	635000	1@1	DFT_64QAM	19.42	PASS
DC_5A_n78	30	50	635000	1@131	DFT_64QAM	19.2	PASS
DC_5A_n78	30	50	635000	128@0	DFT_256QAM	17.1	PASS
DC_5A_n78	30	50	635000	64@32	DFT_256QAM	17.63	PASS
DC_5A_n78	30	50	635000	1@1	DFT_256QAM	17.25	PASS
DC_5A_n78	30	50	635000	1@131	DFT_256QAM	17.17	PASS
DC_5A_n78	30	50	635000	133@0	CP_QPSK	19.87	PASS
DC_5A_n78	30	50	635000	67@33	CP_QPSK	20.47	PASS
DC_5A_n78	30	50	635000	1@1	CP_QPSK	20.59	PASS
DC_5A_n78	30	50	635000	1@131	CP_QPSK	20.41	PASS
DC_5A_n78	30	50	635000	133@0	CP_16QAM	18.96	PASS
DC_5A_n78	30	50	635000	67@33	CP_16QAM	19.94	PASS
DC_5A_n78	30	50	635000	1@1	CP_16QAM	19.93	PASS
DC_5A_n78	30	50	635000	1@131	CP_16QAM	19.76	PASS
DC_5A_n78	30	50	635000	133@0	CP_64QAM	18.44	PASS
DC_5A_n78	30	50	635000	67@33	CP_64QAM	18.44	PASS
DC_5A_n78	30	50	635000	1@1	CP_64QAM	18.26	PASS
DC_5A_n78	30	50	635000	1@131	CP_64QAM	18.06	PASS
DC_5A_n78	30	50	635000	133@0	CP_256QAM	15.5	PASS
DC_5A_n78	30	50	635000	67@33	CP_256QAM	15.48	PASS
DC_5A_n78	30	50	635000	1@1	CP_256QAM	15.58	PASS
DC_5A_n78	30	50	635000	1@131	CP_256QAM	15.41	PASS
DC_5A_n78	30	60	632000	162@0	DFT_BPSK	21.33	PASS
DC_5A_n78	30	60	632000	81@40	DFT_BPSK	21.99	PASS
DC_5A_n78	30	60	632000	1@1	DFT_BPSK	21.98	PASS
DC_5A_n78	30	60	632000	1@160	DFT_BPSK	21.74	PASS
DC_5A_n78	30	60	632000	162@0	DFT_QPSK	21	PASS
DC_5A_n78	30	60	632000	81@40	DFT_QPSK	21.96	PASS
DC_5A_n78	30	60	632000	1@1	DFT_QPSK	22.04	PASS
DC_5A_n78	30	60	632000	1@160	DFT_QPSK	21.81	PASS
DC_5A_n78	30	60	632000	162@0	DFT_16QAM	19.99	PASS
DC_5A_n78	30	60	632000	81@40	DFT_16QAM	20.98	PASS
DC_5A_n78	30	60	632000	1@1	DFT_16QAM	20.8	PASS
DC_5A_n78	30	60	632000	1@160	DFT_16QAM	20.56	PASS
DC_5A_n78	30	60	632000	162@0	DFT_64QAM	19.48	PASS
DC_5A_n78	30	60	632000	81@40	DFT_64QAM	19.53	PASS
DC_5A_n78	30	60	632000	1@1	DFT_64QAM	19.43	PASS
DC_5A_n78	30	60	632000	1@160	DFT_64QAM	19.21	PASS
DC_5A_n78	30	60	632000	162@0	DFT_256QAM	17.23	PASS



DC_5A_n78	30	60	632000	81@40	DFT_256QAM	17.55	PASS
DC_5A_n78	30	60	632000	1@1	DFT_256QAM	17.12	PASS
DC_5A_n78	30	60	632000	1@160	DFT_256QAM	17.36	PASS
DC_5A_n78	30	60	632000	162@0	CP_QPSK	18.97	PASS
DC_5A_n78	30	60	632000	81@40	CP_QPSK	20.45	PASS
DC_5A_n78	30	60	632000	1@1	CP_QPSK	20.54	PASS
DC_5A_n78	30	60	632000	1@160	CP_QPSK	20.38	PASS
DC_5A_n78	30	60	632000	162@0	CP_16QAM	18.92	PASS
DC_5A_n78	30	60	632000	81@40	CP_16QAM	19.96	PASS
DC_5A_n78	30	60	632000	1@1	CP_16QAM	19.91	PASS
DC_5A_n78	30	60	632000	1@160	CP_16QAM	19.72	PASS
DC_5A_n78	30	60	632000	162@0	CP_64QAM	18.47	PASS
DC_5A_n78	30	60	632000	81@40	CP_64QAM	18.47	PASS
DC_5A_n78	30	60	632000	1@1	CP_64QAM	18.27	PASS
DC_5A_n78	30	60	632000	1@160	CP_64QAM	18.07	PASS
DC_5A_n78	30	60	632000	162@0	CP_256QAM	15.48	PASS
DC_5A_n78	30	60	632000	81@40	CP_256QAM	15.52	PASS
DC_5A_n78	30	60	632000	1@1	CP_256QAM	15.66	PASS
DC_5A_n78	30	60	632000	1@160	CP_256QAM	15.42	PASS
DC_5A_n78	30	60	633334	162@0	DFT_BPSK	21.25	PASS
DC_5A_n78	30	60	633334	81@40	DFT_BPSK	21.89	PASS
DC_5A_n78	30	60	633334	1@1	DFT_BPSK	21.79	PASS
DC_5A_n78	30	60	633334	1@160	DFT_BPSK	21.64	PASS
DC_5A_n78	30	60	633334	162@0	DFT_QPSK	20.86	PASS
DC_5A_n78	30	60	633334	81@40	DFT_QPSK	21.85	PASS
DC_5A_n78	30	60	633334	1@1	DFT_QPSK	21.89	PASS
DC_5A_n78	30	60	633334	1@160	DFT_QPSK	21.75	PASS
DC_5A_n78	30	60	633334	162@0	DFT_16QAM	19.85	PASS
DC_5A_n78	30	60	633334	81@40	DFT_16QAM	20.82	PASS
DC_5A_n78	30	60	633334	1@1	DFT_16QAM	20.61	PASS
DC_5A_n78	30	60	633334	1@160	DFT_16QAM	20.49	PASS
DC_5A_n78	30	60	633334	162@0	DFT_64QAM	19.35	PASS
DC_5A_n78	30	60	633334	81@40	DFT_64QAM	19.42	PASS
DC_5A_n78	30	60	633334	1@1	DFT_64QAM	19.25	PASS
DC_5A_n78	30	60	633334	1@160	DFT_64QAM	19.11	PASS
DC_5A_n78	30	60	633334	162@0	DFT_256QAM	17.38	PASS
DC_5A_n78	30	60	633334	81@40	DFT_256QAM	17.39	PASS
DC_5A_n78	30	60	633334	1@1	DFT_256QAM	17.37	PASS
DC_5A_n78	30	60	633334	1@160	DFT_256QAM	17.25	PASS
DC_5A_n78	30	60	633334	162@0	CP_QPSK	19.55	PASS
DC_5A_n78	30	60	633334	81@40	CP_QPSK	19.86	PASS
DC_5A_n78	30	60	633334	1@1	CP_QPSK	19.15	PASS
DC_5A_n78	30	60	633334	1@160	CP_QPSK	19.47	PASS
DC_5A_n78	30	60	633334	162@0	CP_16QAM	19.11	PASS
DC_5A_n78	30	60	633334	81@40	CP_16QAM	19.84	PASS
DC_5A_n78	30	60	633334	1@1	CP_16QAM	19.81	PASS
DC_5A_n78	30	60	633334	1@160	CP_16QAM	19.7	PASS
DC_5A_n78	30	60	633334	162@0	CP_64QAM	18.33	PASS
DC_5A_n78	30	60	633334	81@40	CP_64QAM	18.33	PASS
DC_5A_n78	30	60	633334	1@1	CP_64QAM	18.15	PASS
DC_5A_n78	30	60	633334	1@160	CP_64QAM	18.01	PASS



DC_5A_n78	30	60	633334	162@0	CP_256QAM	15.37	PASS
DC_5A_n78	30	60	633334	81@40	CP_256QAM	15.41	PASS
DC_5A_n78	30	60	633334	1@1	CP_256QAM	15.46	PASS
DC_5A_n78	30	60	633334	1@160	CP_256QAM	15.36	PASS
DC_5A_n78	30	60	634666	162@0	DFT_BPSK	21.69	PASS
DC_5A_n78	30	60	634666	81@40	DFT_BPSK	21.88	PASS
DC_5A_n78	30	60	634666	1@1	DFT_BPSK	22.03	PASS
DC_5A_n78	30	60	634666	1@160	DFT_BPSK	21.77	PASS
DC_5A_n78	30	60	634666	162@0	DFT_QPSK	21.14	PASS
DC_5A_n78	30	60	634666	81@40	DFT_QPSK	21.95	PASS
DC_5A_n78	30	60	634666	1@1	DFT_QPSK	21.97	PASS
DC_5A_n78	30	60	634666	1@160	DFT_QPSK	21.76	PASS
DC_5A_n78	30	60	634666	162@0	DFT_16QAM	19.93	PASS
DC_5A_n78	30	60	634666	81@40	DFT_16QAM	20.94	PASS
DC_5A_n78	30	60	634666	1@1	DFT_16QAM	20.76	PASS
DC_5A_n78	30	60	634666	1@160	DFT_16QAM	20.54	PASS
DC_5A_n78	30	60	634666	162@0	DFT_64QAM	19.43	PASS
DC_5A_n78	30	60	634666	81@40	DFT_64QAM	19.48	PASS
DC_5A_n78	30	60	634666	1@1	DFT_64QAM	19.35	PASS
DC_5A_n78	30	60	634666	1@160	DFT_64QAM	19.11	PASS
DC_5A_n78	30	60	634666	162@0	DFT_256QAM	17.13	PASS
DC_5A_n78	30	60	634666	81@40	DFT_256QAM	17.1	PASS
DC_5A_n78	30	60	634666	1@1	DFT_256QAM	17.06	PASS
DC_5A_n78	30	60	634666	1@160	DFT_256QAM	17.4	PASS
DC_5A_n78	30	60	634666	162@0	CP_QPSK	19.58	PASS
DC_5A_n78	30	60	634666	81@40	CP_QPSK	20.44	PASS
DC_5A_n78	30	60	634666	1@1	CP_QPSK	20.51	PASS
DC_5A_n78	30	60	634666	1@160	CP_QPSK	20.26	PASS
DC_5A_n78	30	60	634666	162@0	CP_16QAM	18.91	PASS
DC_5A_n78	30	60	634666	81@40	CP_16QAM	19.91	PASS
DC_5A_n78	30	60	634666	1@1	CP_16QAM	19.87	PASS
DC_5A_n78	30	60	634666	1@160	CP_16QAM	19.65	PASS
DC_5A_n78	30	60	634666	162@0	CP_64QAM	18.41	PASS
DC_5A_n78	30	60	634666	81@40	CP_64QAM	18.44	PASS
DC_5A_n78	30	60	634666	1@1	CP_64QAM	18.28	PASS
DC_5A_n78	30	60	634666	1@160	CP_64QAM	18.05	PASS
DC_5A_n78	30	60	634666	162@0	CP_256QAM	15.45	PASS
DC_5A_n78	30	60	634666	81@40	CP_256QAM	15.47	PASS
DC_5A_n78	30	60	634666	1@1	CP_256QAM	15.58	PASS
DC_5A_n78	30	60	634666	1@160	CP_256QAM	15.34	PASS
DC_5A_n78	30	70	632334	180@0	DFT_BPSK	21.78	PASS
DC_5A_n78	30	70	632334	90@45	DFT_BPSK	21.95	PASS
DC_5A_n78	30	70	632334	1@1	DFT_BPSK	21.9	PASS
DC_5A_n78	30	70	632334	1@187	DFT_BPSK	21.63	PASS
DC_5A_n78	30	70	632334	180@0	DFT_QPSK	20.92	PASS
DC_5A_n78	30	70	632334	90@45	DFT_QPSK	21.94	PASS
DC_5A_n78	30	70	632334	1@1	DFT_QPSK	21.98	PASS
DC_5A_n78	30	70	632334	1@187	DFT_QPSK	21.69	PASS
DC_5A_n78	30	70	632334	180@0	DFT_16QAM	19.94	PASS
DC_5A_n78	30	70	632334	90@45	DFT_16QAM	20.91	PASS
DC_5A_n78	30	70	632334	1@1	DFT_16QAM	20.74	PASS



DC_5A_n78	30	70	632334	1@187	DFT_16QAM	20.48	PASS
DC_5A_n78	30	70	632334	180@0	DFT_64QAM	19.44	PASS
DC_5A_n78	30	70	632334	90@45	DFT_64QAM	19.46	PASS
DC_5A_n78	30	70	632334	1@1	DFT_64QAM	19.36	PASS
DC_5A_n78	30	70	632334	1@187	DFT_64QAM	19.04	PASS
DC_5A_n78	30	70	632334	180@0	DFT_256QAM	17.26	PASS
DC_5A_n78	30	70	632334	90@45	DFT_256QAM	17.11	PASS
DC_5A_n78	30	70	632334	1@1	DFT_256QAM	17.26	PASS
DC_5A_n78	30	70	632334	1@187	DFT_256QAM	17.15	PASS
DC_5A_n78	30	70	632334	189@0	CP_QPSK	19.26	PASS
DC_5A_n78	30	70	632334	95@47	CP_QPSK	19.84	PASS
DC_5A_n78	30	70	632334	1@1	CP_QPSK	19.83	PASS
DC_5A_n78	30	70	632334	1@187	CP_QPSK	19.99	PASS
DC_5A_n78	30	70	632334	189@0	CP_16QAM	19.59	PASS
DC_5A_n78	30	70	632334	95@47	CP_16QAM	19.94	PASS
DC_5A_n78	30	70	632334	1@1	CP_16QAM	19.86	PASS
DC_5A_n78	30	70	632334	1@187	CP_16QAM	19.54	PASS
DC_5A_n78	30	70	632334	189@0	CP_64QAM	18.42	PASS
DC_5A_n78	30	70	632334	95@47	CP_64QAM	18.44	PASS
DC_5A_n78	30	70	632334	1@1	CP_64QAM	18.21	PASS
DC_5A_n78	30	70	632334	1@187	CP_64QAM	17.97	PASS
DC_5A_n78	30	70	632334	189@0	CP_256QAM	15.52	PASS
DC_5A_n78	30	70	632334	95@47	CP_256QAM	15.47	PASS
DC_5A_n78	30	70	632334	1@1	CP_256QAM	15.5	PASS
DC_5A_n78	30	70	632334	1@187	CP_256QAM	15.23	PASS
DC_5A_n78	30	70	633334	180@0	DFT_BPSK	21.66	PASS
DC_5A_n78	30	70	633334	90@45	DFT_BPSK	21.94	PASS
DC_5A_n78	30	70	633334	1@1	DFT_BPSK	21.9	PASS
DC_5A_n78	30	70	633334	1@187	DFT_BPSK	21.62	PASS
DC_5A_n78	30	70	633334	180@0	DFT_QPSK	20.91	PASS
DC_5A_n78	30	70	633334	90@45	DFT_QPSK	21.9	PASS
DC_5A_n78	30	70	633334	1@1	DFT_QPSK	21.99	PASS
DC_5A_n78	30	70	633334	1@187	DFT_QPSK	21.73	PASS
DC_5A_n78	30	70	633334	180@0	DFT_16QAM	19.94	PASS
DC_5A_n78	30	70	633334	90@45	DFT_16QAM	20.94	PASS
DC_5A_n78	30	70	633334	1@1	DFT_16QAM	20.7	PASS
DC_5A_n78	30	70	633334	1@187	DFT_16QAM	20.52	PASS
DC_5A_n78	30	70	633334	180@0	DFT_64QAM	19.44	PASS
DC_5A_n78	30	70	633334	90@45	DFT_64QAM	19.47	PASS
DC_5A_n78	30	70	633334	1@1	DFT_64QAM	19.35	PASS
DC_5A_n78	30	70	633334	1@187	DFT_64QAM	19.04	PASS
DC_5A_n78	30	70	633334	180@0	DFT_256QAM	17.5	PASS
DC_5A_n78	30	70	633334	90@45	DFT_256QAM	17.49	PASS
DC_5A_n78	30	70	633334	1@1	DFT_256QAM	17.46	PASS
DC_5A_n78	30	70	633334	1@187	DFT_256QAM	17.21	PASS
DC_5A_n78	30	70	633334	189@0	CP_QPSK	19.66	PASS
DC_5A_n78	30	70	633334	95@47	CP_QPSK	19.59	PASS
DC_5A_n78	30	70	633334	1@1	CP_QPSK	19.88	PASS
DC_5A_n78	30	70	633334	1@187	CP_QPSK	20.12	PASS
DC_5A_n78	30	70	633334	189@0	CP_16QAM	19.6	PASS
DC_5A_n78	30	70	633334	95@47	CP_16QAM	19.92	PASS



DC_5A_n78	30	70	633334	1@1	CP_16QAM	19.9	PASS
DC_5A_n78	30	70	633334	1@187	CP_16QAM	19.55	PASS
DC_5A_n78	30	70	633334	189@0	CP_64QAM	18.43	PASS
DC_5A_n78	30	70	633334	95@47	CP_64QAM	18.43	PASS
DC_5A_n78	30	70	633334	1@1	CP_64QAM	18.23	PASS
DC_5A_n78	30	70	633334	1@187	CP_64QAM	17.96	PASS
DC_5A_n78	30	70	633334	189@0	CP_256QAM	15.45	PASS
DC_5A_n78	30	70	633334	95@47	CP_256QAM	15.47	PASS
DC_5A_n78	30	70	633334	1@1	CP_256QAM	15.56	PASS
DC_5A_n78	30	70	633334	1@187	CP_256QAM	15.24	PASS
DC_5A_n78	30	70	634332	180@0	DFT_BPSK	21.55	PASS
DC_5A_n78	30	70	634332	90@45	DFT_BPSK	22.08	PASS
DC_5A_n78	30	70	634332	1@1	DFT_BPSK	21.98	PASS
DC_5A_n78	30	70	634332	1@187	DFT_BPSK	21.67	PASS
DC_5A_n78	30	70	634332	180@0	DFT_QPSK	21.01	PASS
DC_5A_n78	30	70	634332	90@45	DFT_QPSK	22.08	PASS
DC_5A_n78	30	70	634332	1@1	DFT_QPSK	22.07	PASS
DC_5A_n78	30	70	634332	1@187	DFT_QPSK	21.76	PASS
DC_5A_n78	30	70	634332	180@0	DFT_16QAM	20.04	PASS
DC_5A_n78	30	70	634332	90@45	DFT_16QAM	21.08	PASS
DC_5A_n78	30	70	634332	1@1	DFT_16QAM	20.88	PASS
DC_5A_n78	30	70	634332	1@187	DFT_16QAM	20.56	PASS
DC_5A_n78	30	70	634332	180@0	DFT_64QAM	19.57	PASS
DC_5A_n78	30	70	634332	90@45	DFT_64QAM	19.64	PASS
DC_5A_n78	30	70	634332	1@1	DFT_64QAM	19.49	PASS
DC_5A_n78	30	70	634332	1@187	DFT_64QAM	19.16	PASS
DC_5A_n78	30	70	634332	180@0	DFT_256QAM	17.12	PASS
DC_5A_n78	30	70	634332	90@45	DFT_256QAM	17.22	PASS
DC_5A_n78	30	70	634332	1@1	DFT_256QAM	17.26	PASS
DC_5A_n78	30	70	634332	1@187	DFT_256QAM	17.44	PASS
DC_5A_n78	30	70	634332	189@0	CP_QPSK	19.03	PASS
DC_5A_n78	30	70	634332	95@47	CP_QPSK	20.51	PASS
DC_5A_n78	30	70	634332	1@1	CP_QPSK	20.57	PASS
DC_5A_n78	30	70	634332	1@187	CP_QPSK	20.27	PASS
DC_5A_n78	30	70	634332	189@0	CP_16QAM	19.02	PASS
DC_5A_n78	30	70	634332	95@47	CP_16QAM	20.02	PASS
DC_5A_n78	30	70	634332	1@1	CP_16QAM	19.96	PASS
DC_5A_n78	30	70	634332	1@187	CP_16QAM	19.68	PASS
DC_5A_n78	30	70	634332	189@0	CP_64QAM	18.52	PASS
DC_5A_n78	30	70	634332	95@47	CP_64QAM	18.54	PASS
DC_5A_n78	30	70	634332	1@1	CP_64QAM	18.34	PASS
DC_5A_n78	30	70	634332	1@187	CP_64QAM	18.03	PASS
DC_5A_n78	30	70	634332	189@0	CP_256QAM	15.56	PASS
DC_5A_n78	30	70	634332	95@47	CP_256QAM	15.56	PASS
DC_5A_n78	30	70	634332	1@1	CP_256QAM	15.64	PASS
DC_5A_n78	30	70	634332	1@187	CP_256QAM	15.3	PASS
DC_5A_n78	30	80	632668	216@0	DFT_BPSK	21.18	PASS
DC_5A_n78	30	80	632668	108@54	DFT_BPSK	21.96	PASS
DC_5A_n78	30	80	632668	1@1	DFT_BPSK	21.97	PASS
DC_5A_n78	30	80	632668	1@215	DFT_BPSK	21.6	PASS
DC_5A_n78	30	80	632668	216@0	DFT_QPSK	20.94	PASS



DC_5A_n78	30	80	632668	108@54	DFT_QPSK	21.92	PASS
DC_5A_n78	30	80	632668	1@1	DFT_QPSK	22.02	PASS
DC_5A_n78	30	80	632668	1@215	DFT_QPSK	21.69	PASS
DC_5A_n78	30	80	632668	216@0	DFT_16QAM	19.93	PASS
DC_5A_n78	30	80	632668	108@54	DFT_16QAM	20.91	PASS
DC_5A_n78	30	80	632668	1@1	DFT_16QAM	20.78	PASS
DC_5A_n78	30	80	632668	1@215	DFT_16QAM	20.51	PASS
DC_5A_n78	30	80	632668	216@0	DFT_64QAM	19.43	PASS
DC_5A_n78	30	80	632668	108@54	DFT_64QAM	19.49	PASS
DC_5A_n78	30	80	632668	1@1	DFT_64QAM	19.4	PASS
DC_5A_n78	30	80	632668	1@215	DFT_64QAM	19.04	PASS
DC_5A_n78	30	80	632668	216@0	DFT_256QAM	17.5	PASS
DC_5A_n78	30	80	632668	108@54	DFT_256QAM	17.49	PASS
DC_5A_n78	30	80	632668	1@1	DFT_256QAM	17.49	PASS
DC_5A_n78	30	80	632668	1@215	DFT_256QAM	17.11	PASS
DC_5A_n78	30	80	632668	217@0	CP_QPSK	19.98	PASS
DC_5A_n78	30	80	632668	109@54	CP_QPSK	20.14	PASS
DC_5A_n78	30	80	632668	1@1	CP_QPSK	20.21	PASS
DC_5A_n78	30	80	632668	1@215	CP_QPSK	20.54	PASS
DC_5A_n78	30	80	632668	217@0	CP_16QAM	19.99	PASS
DC_5A_n78	30	80	632668	109@54	CP_16QAM	19.93	PASS
DC_5A_n78	30	80	632668	1@1	CP_16QAM	19.88	PASS
DC_5A_n78	30	80	632668	1@215	CP_16QAM	19.48	PASS
DC_5A_n78	30	80	632668	217@0	CP_64QAM	18.44	PASS
DC_5A_n78	30	80	632668	109@54	CP_64QAM	18.43	PASS
DC_5A_n78	30	80	632668	1@1	CP_64QAM	18.26	PASS
DC_5A_n78	30	80	632668	1@215	CP_64QAM	17.87	PASS
DC_5A_n78	30	80	632668	217@0	CP_256QAM	15.46	PASS
DC_5A_n78	30	80	632668	109@54	CP_256QAM	15.4	PASS
DC_5A_n78	30	80	632668	1@1	CP_256QAM	15.55	PASS
DC_5A_n78	30	80	632668	1@215	CP_256QAM	15.23	PASS
DC_5A_n78	30	80	633334	216@0	DFT_BPSK	21.26	PASS
DC_5A_n78	30	80	633334	108@54	DFT_BPSK	21.98	PASS
DC_5A_n78	30	80	633334	1@1	DFT_BPSK	21.95	PASS
DC_5A_n78	30	80	633334	1@215	DFT_BPSK	21.62	PASS
DC_5A_n78	30	80	633334	216@0	DFT_QPSK	20.93	PASS
DC_5A_n78	30	80	633334	108@54	DFT_QPSK	21.96	PASS
DC_5A_n78	30	80	633334	1@1	DFT_QPSK	21.99	PASS
DC_5A_n78	30	80	633334	1@215	DFT_QPSK	21.7	PASS
DC_5A_n78	30	80	633334	216@0	DFT_16QAM	19.91	PASS
DC_5A_n78	30	80	633334	108@54	DFT_16QAM	20.94	PASS
DC_5A_n78	30	80	633334	1@1	DFT_16QAM	20.76	PASS
DC_5A_n78	30	80	633334	1@215	DFT_16QAM	20.5	PASS
DC_5A_n78	30	80	633334	216@0	DFT_64QAM	19.43	PASS
DC_5A_n78	30	80	633334	108@54	DFT_64QAM	19.48	PASS
DC_5A_n78	30	80	633334	1@1	DFT_64QAM	19.37	PASS
DC_5A_n78	30	80	633334	1@215	DFT_64QAM	19.03	PASS
DC_5A_n78	30	80	633334	216@0	DFT_256QAM	17.26	PASS
DC_5A_n78	30	80	633334	108@54	DFT_256QAM	17.22	PASS
DC_5A_n78	30	80	633334	1@1	DFT_256QAM	17.29	PASS
DC_5A_n78	30	80	633334	1@215	DFT_256QAM	17.28	PASS



DC_5A_n78	30	80	633334	217@0	CP_QPSK	19.86	PASS
DC_5A_n78	30	80	633334	109@54	CP_QPSK	20.43	PASS
DC_5A_n78	30	80	633334	1@1	CP_QPSK	20.59	PASS
DC_5A_n78	30	80	633334	1@215	CP_QPSK	20.24	PASS
DC_5A_n78	30	80	633334	217@0	CP_16QAM	18.9	PASS
DC_5A_n78	30	80	633334	109@54	CP_16QAM	19.92	PASS
DC_5A_n78	30	80	633334	1@1	CP_16QAM	19.87	PASS
DC_5A_n78	30	80	633334	1@215	CP_16QAM	19.48	PASS
DC_5A_n78	30	80	633334	217@0	CP_64QAM	18.44	PASS
DC_5A_n78	30	80	633334	109@54	CP_64QAM	18.46	PASS
DC_5A_n78	30	80	633334	1@1	CP_64QAM	18.28	PASS
DC_5A_n78	30	80	633334	1@215	CP_64QAM	17.92	PASS
DC_5A_n78	30	80	633334	217@0	CP_256QAM	15.45	PASS
DC_5A_n78	30	80	633334	109@54	CP_256QAM	15.44	PASS
DC_5A_n78	30	80	633334	1@1	CP_256QAM	15.56	PASS
DC_5A_n78	30	80	633334	1@215	CP_256QAM	15.19	PASS
DC_5A_n78	30	80	634000	216@0	DFT_BPSK	21.93	PASS
DC_5A_n78	30	80	634000	108@54	DFT_BPSK	22.07	PASS
DC_5A_n78	30	80	634000	1@1	DFT_BPSK	22.03	PASS
DC_5A_n78	30	80	634000	1@215	DFT_BPSK	21.64	PASS
DC_5A_n78	30	80	634000	216@0	DFT_QPSK	20.97	PASS
DC_5A_n78	30	80	634000	108@54	DFT_QPSK	22.05	PASS
DC_5A_n78	30	80	634000	1@1	DFT_QPSK	22.07	PASS
DC_5A_n78	30	80	634000	1@215	DFT_QPSK	21.74	PASS
DC_5A_n78	30	80	634000	216@0	DFT_16QAM	19.96	PASS
DC_5A_n78	30	80	634000	108@54	DFT_16QAM	21.03	PASS
DC_5A_n78	30	80	634000	1@1	DFT_16QAM	20.89	PASS
DC_5A_n78	30	80	634000	1@215	DFT_16QAM	20.54	PASS
DC_5A_n78	30	80	634000	216@0	DFT_64QAM	19.49	PASS
DC_5A_n78	30	80	634000	108@54	DFT_64QAM	19.61	PASS
DC_5A_n78	30	80	634000	1@1	DFT_64QAM	19.45	PASS
DC_5A_n78	30	80	634000	1@215	DFT_64QAM	19.1	PASS
DC_5A_n78	30	80	634000	216@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	80	634000	108@54	DFT_256QAM	17.03	PASS
DC_5A_n78	30	80	634000	1@1	DFT_256QAM	17.24	PASS
DC_5A_n78	30	80	634000	1@215	DFT_256QAM	17.06	PASS
DC_5A_n78	30	80	634000	217@0	CP_QPSK	19.96	PASS
DC_5A_n78	30	80	634000	109@54	CP_QPSK	20.49	PASS
DC_5A_n78	30	80	634000	1@1	CP_QPSK	20.66	PASS
DC_5A_n78	30	80	634000	1@215	CP_QPSK	20.29	PASS
DC_5A_n78	30	80	634000	217@0	CP_16QAM	18.95	PASS
DC_5A_n78	30	80	634000	109@54	CP_16QAM	20.01	PASS
DC_5A_n78	30	80	634000	1@1	CP_16QAM	19.93	PASS
DC_5A_n78	30	80	634000	1@215	CP_16QAM	19.59	PASS
DC_5A_n78	30	80	634000	217@0	CP_64QAM	18.51	PASS
DC_5A_n78	30	80	634000	109@54	CP_64QAM	18.54	PASS
DC_5A_n78	30	80	634000	1@1	CP_64QAM	18.26	PASS
DC_5A_n78	30	80	634000	1@215	CP_64QAM	17.95	PASS
DC_5A_n78	30	80	634000	217@0	CP_256QAM	15.53	PASS
DC_5A_n78	30	80	634000	109@54	CP_256QAM	15.65	PASS
DC_5A_n78	30	80	634000	1@1	CP_256QAM	15.6	PASS



DC_5A_n78	30	80	634000	1@215	CP_256QAM	15.28	PASS
DC_5A_n78	30	90	633000	243@0	DFT_BPSK	21.26	PASS
DC_5A_n78	30	90	633000	120@60	DFT_BPSK	22.14	PASS
DC_5A_n78	30	90	633000	1@1	DFT_BPSK	22.16	PASS
DC_5A_n78	30	90	633000	1@243	DFT_BPSK	22.11	PASS
DC_5A_n78	30	90	633000	243@0	DFT_QPSK	21.68	PASS
DC_5A_n78	30	90	633000	120@60	DFT_QPSK	21.92	PASS
DC_5A_n78	30	90	633000	1@1	DFT_QPSK	21.95	PASS
DC_5A_n78	30	90	633000	1@243	DFT_QPSK	21.61	PASS
DC_5A_n78	30	90	633000	243@0	DFT_16QAM	19.86	PASS
DC_5A_n78	30	90	633000	120@60	DFT_16QAM	20.91	PASS
DC_5A_n78	30	90	633000	1@1	DFT_16QAM	20.74	PASS
DC_5A_n78	30	90	633000	1@243	DFT_16QAM	20.4	PASS
DC_5A_n78	30	90	633000	243@0	DFT_64QAM	19.4	PASS
DC_5A_n78	30	90	633000	120@60	DFT_64QAM	19.43	PASS
DC_5A_n78	30	90	633000	1@1	DFT_64QAM	19.36	PASS
DC_5A_n78	30	90	633000	1@243	DFT_64QAM	18.98	PASS
DC_5A_n78	30	90	633000	243@0	DFT_256QAM	17.67	PASS
DC_5A_n78	30	90	633000	120@60	DFT_256QAM	17.12	PASS
DC_5A_n78	30	90	633000	1@1	DFT_256QAM	17.22	PASS
DC_5A_n78	30	90	633000	1@243	DFT_256QAM	17.13	PASS
DC_5A_n78	30	90	633000	245@0	CP_QPSK	19.69	PASS
DC_5A_n78	30	90	633000	123@61	CP_QPSK	20.37	PASS
DC_5A_n78	30	90	633000	1@1	CP_QPSK	20.43	PASS
DC_5A_n78	30	90	633000	1@243	CP_QPSK	20.12	PASS
DC_5A_n78	30	90	633000	245@0	CP_16QAM	18.86	PASS
DC_5A_n78	30	90	633000	123@61	CP_16QAM	19.91	PASS
DC_5A_n78	30	90	633000	1@1	CP_16QAM	19.83	PASS
DC_5A_n78	30	90	633000	1@243	CP_16QAM	19.48	PASS
DC_5A_n78	30	90	633000	245@0	CP_64QAM	18.39	PASS
DC_5A_n78	30	90	633000	123@61	CP_64QAM	18.41	PASS
DC_5A_n78	30	90	633000	1@1	CP_64QAM	18.17	PASS
DC_5A_n78	30	90	633000	1@243	CP_64QAM	17.83	PASS
DC_5A_n78	30	90	633000	245@0	CP_256QAM	15.36	PASS
DC_5A_n78	30	90	633000	123@61	CP_256QAM	15.42	PASS
DC_5A_n78	30	90	633000	1@1	CP_256QAM	15.47	PASS
DC_5A_n78	30	90	633000	1@243	CP_256QAM	15.12	PASS
DC_5A_n78	30	90	633334	243@0	DFT_BPSK	21.68	PASS
DC_5A_n78	30	90	633334	120@60	DFT_BPSK	22.01	PASS
DC_5A_n78	30	90	633334	1@1	DFT_BPSK	21.89	PASS
DC_5A_n78	30	90	633334	1@243	DFT_BPSK	21.55	PASS
DC_5A_n78	30	90	633334	243@0	DFT_QPSK	20.92	PASS
DC_5A_n78	30	90	633334	120@60	DFT_QPSK	21.95	PASS
DC_5A_n78	30	90	633334	1@1	DFT_QPSK	21.94	PASS
DC_5A_n78	30	90	633334	1@243	DFT_QPSK	21.63	PASS
DC_5A_n78	30	90	633334	243@0	DFT_16QAM	19.92	PASS
DC_5A_n78	30	90	633334	120@60	DFT_16QAM	20.97	PASS
DC_5A_n78	30	90	633334	1@1	DFT_16QAM	20.68	PASS
DC_5A_n78	30	90	633334	1@243	DFT_16QAM	20.44	PASS
DC_5A_n78	30	90	633334	243@0	DFT_64QAM	19.42	PASS
DC_5A_n78	30	90	633334	120@60	DFT_64QAM	19.47	PASS



DC_5A_n78	30	90	633334	1@1	DFT_64QAM	19.32	PASS
DC_5A_n78	30	90	633334	1@243	DFT_64QAM	18.94	PASS
DC_5A_n78	30	90	633334	243@0	DFT_256QAM	17.32	PASS
DC_5A_n78	30	90	633334	120@60	DFT_256QAM	17.11	PASS
DC_5A_n78	30	90	633334	1@1	DFT_256QAM	17.16	PASS
DC_5A_n78	30	90	633334	1@243	DFT_256QAM	17.22	PASS
DC_5A_n78	30	90	633334	245@0	CP_QPSK	19.91	PASS
DC_5A_n78	30	90	633334	123@61	CP_QPSK	20.39	PASS
DC_5A_n78	30	90	633334	1@1	CP_QPSK	20.51	PASS
DC_5A_n78	30	90	633334	1@243	CP_QPSK	20.19	PASS
DC_5A_n78	30	90	633334	245@0	CP_16QAM	18.89	PASS
DC_5A_n78	30	90	633334	123@61	CP_16QAM	19.92	PASS
DC_5A_n78	30	90	633334	1@1	CP_16QAM	19.79	PASS
DC_5A_n78	30	90	633334	1@243	CP_16QAM	19.44	PASS
DC_5A_n78	30	90	633334	245@0	CP_64QAM	18.41	PASS
DC_5A_n78	30	90	633334	123@61	CP_64QAM	18.41	PASS
DC_5A_n78	30	90	633334	1@1	CP_64QAM	18.19	PASS
DC_5A_n78	30	90	633334	1@243	CP_64QAM	17.82	PASS
DC_5A_n78	30	90	633334	245@0	CP_256QAM	15.47	PASS
DC_5A_n78	30	90	633334	123@61	CP_256QAM	15.46	PASS
DC_5A_n78	30	90	633334	1@1	CP_256QAM	15.51	PASS
DC_5A_n78	30	90	633334	1@243	CP_256QAM	15.14	PASS
DC_5A_n78	30	90	633666	243@0	DFT_BPSK	21.49	PASS
DC_5A_n78	30	90	633666	120@60	DFT_BPSK	21.88	PASS
DC_5A_n78	30	90	633666	1@1	DFT_BPSK	21.58	PASS
DC_5A_n78	30	90	633666	1@243	DFT_BPSK	22.09	PASS
DC_5A_n78	30	90	633666	243@0	DFT_QPSK	21.07	PASS
DC_5A_n78	30	90	633666	120@60	DFT_QPSK	22.09	PASS
DC_5A_n78	30	90	633666	1@1	DFT_QPSK	22.13	PASS
DC_5A_n78	30	90	633666	1@243	DFT_QPSK	21.69	PASS
DC_5A_n78	30	90	633666	243@0	DFT_16QAM	20.06	PASS
DC_5A_n78	30	90	633666	120@60	DFT_16QAM	21.08	PASS
DC_5A_n78	30	90	633666	1@1	DFT_16QAM	20.91	PASS
DC_5A_n78	30	90	633666	1@243	DFT_16QAM	20.52	PASS
DC_5A_n78	30	90	633666	243@0	DFT_64QAM	19.53	PASS
DC_5A_n78	30	90	633666	120@60	DFT_64QAM	19.61	PASS
DC_5A_n78	30	90	633666	1@1	DFT_64QAM	19.49	PASS
DC_5A_n78	30	90	633666	1@243	DFT_64QAM	19.06	PASS
DC_5A_n78	30	90	633666	243@0	DFT_256QAM	17.55	PASS
DC_5A_n78	30	90	633666	120@60	DFT_256QAM	17.65	PASS
DC_5A_n78	30	90	633666	1@1	DFT_256QAM	17.6	PASS
DC_5A_n78	30	90	633666	1@243	DFT_256QAM	17.18	PASS
DC_5A_n78	30	90	633666	245@0	CP_QPSK	19.03	PASS
DC_5A_n78	30	90	633666	123@61	CP_QPSK	20.56	PASS
DC_5A_n78	30	90	633666	1@1	CP_QPSK	20.69	PASS
DC_5A_n78	30	90	633666	1@243	CP_QPSK	20.32	PASS
DC_5A_n78	30	90	633666	245@0	CP_16QAM	19	PASS
DC_5A_n78	30	90	633666	123@61	CP_16QAM	20.05	PASS
DC_5A_n78	30	90	633666	1@1	CP_16QAM	19.99	PASS
DC_5A_n78	30	90	633666	1@243	CP_16QAM	19.68	PASS
DC_5A_n78	30	90	633666	245@0	CP_64QAM	18.54	PASS



DC_5A_n78	30	90	633666	123@61	CP_64QAM	18.57	PASS
DC_5A_n78	30	90	633666	1@1	CP_64QAM	18.36	PASS
DC_5A_n78	30	90	633666	1@243	CP_64QAM	18.01	PASS
DC_5A_n78	30	90	633666	245@0	CP_256QAM	15.56	PASS
DC_5A_n78	30	90	633666	123@61	CP_256QAM	15.62	PASS
DC_5A_n78	30	90	633666	1@1	CP_256QAM	15.72	PASS
DC_5A_n78	30	90	633666	1@243	CP_256QAM	15.36	PASS
DC_5A_n78	30	100	633334	270@0	DFT_BPSK	21.26	PASS
DC_5A_n78	30	100	633334	135@67	DFT_BPSK	22.01	PASS
DC_5A_n78	30	100	633334	1@1	DFT_BPSK	21.86	PASS
DC_5A_n78	30	100	633334	1@271	DFT_BPSK	21.77	PASS
DC_5A_n78	30	100	633334	270@0	DFT_QPSK	21.16	PASS
DC_5A_n78	30	100	633334	135@67	DFT_QPSK	21.98	PASS
DC_5A_n78	30	100	633334	1@1	DFT_QPSK	22	PASS
DC_5A_n78	30	100	633334	1@271	DFT_QPSK	21.58	PASS
DC_5A_n78	30	100	633334	270@0	DFT_16QAM	19.9	PASS
DC_5A_n78	30	100	633334	135@67	DFT_16QAM	20.95	PASS
DC_5A_n78	30	100	633334	1@1	DFT_16QAM	20.78	PASS
DC_5A_n78	30	100	633334	1@271	DFT_16QAM	20.3	PASS
DC_5A_n78	30	100	633334	270@0	DFT_64QAM	19.4	PASS
DC_5A_n78	30	100	633334	135@67	DFT_64QAM	19.47	PASS
DC_5A_n78	30	100	633334	1@1	DFT_64QAM	19.39	PASS
DC_5A_n78	30	100	633334	1@271	DFT_64QAM	18.98	PASS
DC_5A_n78	30	100	633334	270@0	DFT_256QAM	17.1	PASS
DC_5A_n78	30	100	633334	135@67	DFT_256QAM	17.6	PASS
DC_5A_n78	30	100	633334	1@1	DFT_256QAM	17.12	PASS
DC_5A_n78	30	100	633334	1@271	DFT_256QAM	17.66	PASS
DC_5A_n78	30	100	633334	273@0	CP_QPSK	19.83	PASS
DC_5A_n78	30	100	633334	137@68	CP_QPSK	20.4	PASS
DC_5A_n78	30	100	633334	1@1	CP_QPSK	20.5	PASS
DC_5A_n78	30	100	633334	1@271	CP_QPSK	20.08	PASS
DC_5A_n78	30	100	633334	273@0	CP_16QAM	18.9	PASS
DC_5A_n78	30	100	633334	137@68	CP_16QAM	19.91	PASS
DC_5A_n78	30	100	633334	1@1	CP_16QAM	19.85	PASS
DC_5A_n78	30	100	633334	1@271	CP_16QAM	19.35	PASS
DC_5A_n78	30	100	633334	273@0	CP_64QAM	18.37	PASS
DC_5A_n78	30	100	633334	137@68	CP_64QAM	18.41	PASS
DC_5A_n78	30	100	633334	1@1	CP_64QAM	18.21	PASS
DC_5A_n78	30	100	633334	1@271	CP_64QAM	17.78	PASS
DC_5A_n78	30	100	633334	273@0	CP_256QAM	15.42	PASS
DC_5A_n78	30	100	633334	137@68	CP_256QAM	15.47	PASS
DC_5A_n78	30	100	633334	1@1	CP_256QAM	15.48	PASS
DC_5A_n78	30	100	633334	1@271	CP_256QAM	15.12	PASS



Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Verdict
DC_5A_n78	30	10	647000	24@0	DFT_BPSK	21.23	PASS
DC_5A_n78	30	10	647000	12@6	DFT_BPSK	21.55	PASS
DC_5A_n78	30	10	647000	1@1	DFT_BPSK	21.49	PASS
DC_5A_n78	30	10	647000	1@22	DFT_BPSK	21.51	PASS
DC_5A_n78	30	10	647000	24@0	DFT_QPSK	20.54	PASS
DC_5A_n78	30	10	647000	12@6	DFT_QPSK	21.58	PASS
DC_5A_n78	30	10	647000	1@1	DFT_QPSK	21.58	PASS
DC_5A_n78	30	10	647000	1@22	DFT_QPSK	21.59	PASS
DC_5A_n78	30	10	647000	24@0	DFT_16QAM	19.69	PASS
DC_5A_n78	30	10	647000	12@6	DFT_16QAM	20.55	PASS
DC_5A_n78	30	10	647000	1@1	DFT_16QAM	20.33	PASS
DC_5A_n78	30	10	647000	1@22	DFT_16QAM	20.43	PASS
DC_5A_n78	30	10	647000	24@0	DFT_64QAM	19.03	PASS
DC_5A_n78	30	10	647000	12@6	DFT_64QAM	19.11	PASS
DC_5A_n78	30	10	647000	1@1	DFT_64QAM	18.99	PASS
DC_5A_n78	30	10	647000	1@22	DFT_64QAM	19.02	PASS
DC_5A_n78	30	10	647000	24@0	DFT_256QAM	17.12	PASS
DC_5A_n78	30	10	647000	12@6	DFT_256QAM	17.03	PASS
DC_5A_n78	30	10	647000	1@1	DFT_256QAM	17.11	PASS
DC_5A_n78	30	10	647000	1@22	DFT_256QAM	17.26	PASS
DC_5A_n78	30	10	647000	24@0	CP_QPSK	19.5	PASS
DC_5A_n78	30	10	647000	12@6	CP_QPSK	19.8	PASS
DC_5A_n78	30	10	647000	1@1	CP_QPSK	19.69	PASS
DC_5A_n78	30	10	647000	1@22	CP_QPSK	19.5	PASS
DC_5A_n78	30	10	647000	24@0	CP_16QAM	19.22	PASS
DC_5A_n78	30	10	647000	12@6	CP_16QAM	19.67	PASS
DC_5A_n78	30	10	647000	1@1	CP_16QAM	19.66	PASS
DC_5A_n78	30	10	647000	1@22	CP_16QAM	19.62	PASS
DC_5A_n78	30	10	647000	24@0	CP_64QAM	18.07	PASS
DC_5A_n78	30	10	647000	12@6	CP_64QAM	18.05	PASS
DC_5A_n78	30	10	647000	1@1	CP_64QAM	17.82	PASS
DC_5A_n78	30	10	647000	1@22	CP_64QAM	17.88	PASS
DC_5A_n78	30	10	647000	24@0	CP_256QAM	15.02	PASS
DC_5A_n78	30	10	647000	12@6	CP_256QAM	15.18	PASS
DC_5A_n78	30	10	647000	1@1	CP_256QAM	15.13	PASS
DC_5A_n78	30	10	647000	1@22	CP_256QAM	15.1	PASS
DC_5A_n78	30	10	650000	24@0	DFT_BPSK	21.52	PASS
DC_5A_n78	30	10	650000	12@6	DFT_BPSK	22.01	PASS
DC_5A_n78	30	10	650000	1@1	DFT_BPSK	21.92	PASS
DC_5A_n78	30	10	650000	1@22	DFT_BPSK	22.02	PASS
DC_5A_n78	30	10	650000	24@0	DFT_QPSK	21.01	PASS
DC_5A_n78	30	10	650000	12@6	DFT_QPSK	22.08	PASS
DC_5A_n78	30	10	650000	1@1	DFT_QPSK	22.03	PASS
DC_5A_n78	30	10	650000	1@22	DFT_QPSK	22.09	PASS
DC_5A_n78	30	10	650000	24@0	DFT_16QAM	20.04	PASS
DC_5A_n78	30	10	650000	12@6	DFT_16QAM	21.05	PASS
DC_5A_n78	30	10	650000	1@1	DFT_16QAM	20.87	PASS
DC_5A_n78	30	10	650000	1@22	DFT_16QAM	20.95	PASS
DC_5A_n78	30	10	650000	24@0	DFT_64QAM	19.54	PASS



DC_5A_n78	30	10	650000	12@6	DFT_64QAM	19.62	PASS
DC_5A_n78	30	10	650000	1@1	DFT_64QAM	19.5	PASS
DC_5A_n78	30	10	650000	1@22	DFT_64QAM	19.57	PASS
DC_5A_n78	30	10	650000	24@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	10	650000	12@6	DFT_256QAM	17.12	PASS
DC_5A_n78	30	10	650000	1@1	DFT_256QAM	17.26	PASS
DC_5A_n78	30	10	650000	1@22	DFT_256QAM	17.21	PASS
DC_5A_n78	30	10	650000	24@0	CP_QPSK	20.19	PASS
DC_5A_n78	30	10	650000	12@6	CP_QPSK	20.41	PASS
DC_5A_n78	30	10	650000	1@1	CP_QPSK	20.54	PASS
DC_5A_n78	30	10	650000	1@22	CP_QPSK	20.67	PASS
DC_5A_n78	30	10	650000	24@0	CP_16QAM	18.88	PASS
DC_5A_n78	30	10	650000	12@6	CP_16QAM	20.17	PASS
DC_5A_n78	30	10	650000	1@1	CP_16QAM	20.03	PASS
DC_5A_n78	30	10	650000	1@22	CP_16QAM	20.05	PASS
DC_5A_n78	30	10	650000	24@0	CP_64QAM	18.57	PASS
DC_5A_n78	30	10	650000	12@6	CP_64QAM	18.66	PASS
DC_5A_n78	30	10	650000	1@1	CP_64QAM	18.27	PASS
DC_5A_n78	30	10	650000	1@22	CP_64QAM	18.36	PASS
DC_5A_n78	30	10	650000	24@0	CP_256QAM	15.46	PASS
DC_5A_n78	30	10	650000	12@6	CP_256QAM	15.58	PASS
DC_5A_n78	30	10	650000	1@1	CP_256QAM	15.58	PASS
DC_5A_n78	30	10	650000	1@22	CP_256QAM	15.68	PASS
DC_5A_n78	30	10	653000	24@0	DFT_BPSK	21.9	PASS
DC_5A_n78	30	10	653000	12@6	DFT_BPSK	22.02	PASS
DC_5A_n78	30	10	653000	1@1	DFT_BPSK	21.95	PASS
DC_5A_n78	30	10	653000	1@22	DFT_BPSK	22.08	PASS
DC_5A_n78	30	10	653000	24@0	DFT_QPSK	21.02	PASS
DC_5A_n78	30	10	653000	12@6	DFT_QPSK	22.06	PASS
DC_5A_n78	30	10	653000	1@1	DFT_QPSK	22.03	PASS
DC_5A_n78	30	10	653000	1@22	DFT_QPSK	22.17	PASS
DC_5A_n78	30	10	653000	24@0	DFT_16QAM	20.04	PASS
DC_5A_n78	30	10	653000	12@6	DFT_16QAM	21.08	PASS
DC_5A_n78	30	10	653000	1@1	DFT_16QAM	20.84	PASS
DC_5A_n78	30	10	653000	1@22	DFT_16QAM	20.84	PASS
DC_5A_n78	30	10	653000	24@0	DFT_64QAM	19.72	PASS
DC_5A_n78	30	10	653000	12@6	DFT_64QAM	19.66	PASS
DC_5A_n78	30	10	653000	1@1	DFT_64QAM	19.44	PASS
DC_5A_n78	30	10	653000	1@22	DFT_64QAM	19.55	PASS
DC_5A_n78	30	10	653000	24@0	DFT_256QAM	17.49	PASS
DC_5A_n78	30	10	653000	12@6	DFT_256QAM	17.78	PASS
DC_5A_n78	30	10	653000	1@1	DFT_256QAM	17.52	PASS
DC_5A_n78	30	10	653000	1@22	DFT_256QAM	17.58	PASS
DC_5A_n78	30	10	653000	24@0	CP_QPSK	19.26	PASS
DC_5A_n78	30	10	653000	12@6	CP_QPSK	20.11	PASS
DC_5A_n78	30	10	653000	1@1	CP_QPSK	20.12	PASS
DC_5A_n78	30	10	653000	1@22	CP_QPSK	19.88	PASS
DC_5A_n78	30	10	653000	24@0	CP_16QAM	18.97	PASS
DC_5A_n78	30	10	653000	12@6	CP_16QAM	20.2	PASS
DC_5A_n78	30	10	653000	1@1	CP_16QAM	20.09	PASS
DC_5A_n78	30	10	653000	1@22	CP_16QAM	20.12	PASS



DC_5A_n78	30	10	653000	24@0	CP_64QAM	18.53	PASS
DC_5A_n78	30	10	653000	12@6	CP_64QAM	18.66	PASS
DC_5A_n78	30	10	653000	1@1	CP_64QAM	18.28	PASS
DC_5A_n78	30	10	653000	1@22	CP_64QAM	18.34	PASS
DC_5A_n78	30	10	653000	24@0	CP_256QAM	15.55	PASS
DC_5A_n78	30	10	653000	12@6	CP_256QAM	15.6	PASS
DC_5A_n78	30	10	653000	1@1	CP_256QAM	15.58	PASS
DC_5A_n78	30	10	653000	1@22	CP_256QAM	15.7	PASS
DC_5A_n78	30	15	647168	36@0	DFT_BPSK	21.9	PASS
DC_5A_n78	30	15	647168	18@9	DFT_BPSK	21.55	PASS
DC_5A_n78	30	15	647168	1@1	DFT_BPSK	21.69	PASS
DC_5A_n78	30	15	647168	1@36	DFT_BPSK	21.86	PASS
DC_5A_n78	30	15	647168	36@0	DFT_QPSK	21.41	PASS
DC_5A_n78	30	15	647168	18@9	DFT_QPSK	21.81	PASS
DC_5A_n78	30	15	647168	1@1	DFT_QPSK	21.69	PASS
DC_5A_n78	30	15	647168	1@36	DFT_QPSK	21.72	PASS
DC_5A_n78	30	15	647168	36@0	DFT_16QAM	19.79	PASS
DC_5A_n78	30	15	647168	18@9	DFT_16QAM	20.75	PASS
DC_5A_n78	30	15	647168	1@1	DFT_16QAM	20.49	PASS
DC_5A_n78	30	15	647168	1@36	DFT_16QAM	20.48	PASS
DC_5A_n78	30	15	647168	36@0	DFT_64QAM	19.23	PASS
DC_5A_n78	30	15	647168	18@9	DFT_64QAM	19.32	PASS
DC_5A_n78	30	15	647168	1@1	DFT_64QAM	19.08	PASS
DC_5A_n78	30	15	647168	1@36	DFT_64QAM	19.11	PASS
DC_5A_n78	30	15	647168	36@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	15	647168	18@9	DFT_256QAM	17.15	PASS
DC_5A_n78	30	15	647168	1@1	DFT_256QAM	17.12	PASS
DC_5A_n78	30	15	647168	1@36	DFT_256QAM	17.05	PASS
DC_5A_n78	30	15	647168	38@0	CP_QPSK	19.93	PASS
DC_5A_n78	30	15	647168	19@9	CP_QPSK	20.2	PASS
DC_5A_n78	30	15	647168	1@1	CP_QPSK	20.22	PASS
DC_5A_n78	30	15	647168	1@36	CP_QPSK	20.27	PASS
DC_5A_n78	30	15	647168	38@0	CP_16QAM	18.79	PASS
DC_5A_n78	30	15	647168	19@9	CP_16QAM	19.77	PASS
DC_5A_n78	30	15	647168	1@1	CP_16QAM	19.71	PASS
DC_5A_n78	30	15	647168	1@36	CP_16QAM	19.62	PASS
DC_5A_n78	30	15	647168	38@0	CP_64QAM	18.26	PASS
DC_5A_n78	30	15	647168	19@9	CP_64QAM	18.25	PASS
DC_5A_n78	30	15	647168	1@1	CP_64QAM	17.97	PASS
DC_5A_n78	30	15	647168	1@36	CP_64QAM	18	PASS
DC_5A_n78	30	15	647168	38@0	CP_256QAM	15.34	PASS
DC_5A_n78	30	15	647168	19@9	CP_256QAM	15.36	PASS
DC_5A_n78	30	15	647168	1@1	CP_256QAM	15.29	PASS
DC_5A_n78	30	15	647168	1@36	CP_256QAM	15.32	PASS
DC_5A_n78	30	15	650000	36@0	DFT_BPSK	21.92	PASS
DC_5A_n78	30	15	650000	18@9	DFT_BPSK	22.13	PASS
DC_5A_n78	30	15	650000	1@1	DFT_BPSK	22.02	PASS
DC_5A_n78	30	15	650000	1@36	DFT_BPSK	22.06	PASS
DC_5A_n78	30	15	650000	36@0	DFT_QPSK	21.09	PASS
DC_5A_n78	30	15	650000	18@9	DFT_QPSK	22.12	PASS
DC_5A_n78	30	15	650000	1@1	DFT_QPSK	22.04	PASS



DC_5A_n78	30	15	650000	1@36	DFT_QPSK	22.15	PASS
DC_5A_n78	30	15	650000	36@0	DFT_16QAM	20.15	PASS
DC_5A_n78	30	15	650000	18@9	DFT_16QAM	21.1	PASS
DC_5A_n78	30	15	650000	1@1	DFT_16QAM	20.83	PASS
DC_5A_n78	30	15	650000	1@36	DFT_16QAM	20.9	PASS
DC_5A_n78	30	15	650000	36@0	DFT_64QAM	19.6	PASS
DC_5A_n78	30	15	650000	18@9	DFT_64QAM	19.66	PASS
DC_5A_n78	30	15	650000	1@1	DFT_64QAM	19.42	PASS
DC_5A_n78	30	15	650000	1@36	DFT_64QAM	19.56	PASS
DC_5A_n78	30	15	650000	36@0	DFT_256QAM	17.53	PASS
DC_5A_n78	30	15	650000	18@9	DFT_256QAM	17.6	PASS
DC_5A_n78	30	15	650000	1@1	DFT_256QAM	17.51	PASS
DC_5A_n78	30	15	650000	1@36	DFT_256QAM	17.64	PASS
DC_5A_n78	30	15	650000	38@0	CP_QPSK	19.96	PASS
DC_5A_n78	30	15	650000	19@9	CP_QPSK	19.82	PASS
DC_5A_n78	30	15	650000	1@1	CP_QPSK	19.87	PASS
DC_5A_n78	30	15	650000	1@36	CP_QPSK	19.55	PASS
DC_5A_n78	30	15	650000	38@0	CP_16QAM	19.58	PASS
DC_5A_n78	30	15	650000	19@9	CP_16QAM	20.06	PASS
DC_5A_n78	30	15	650000	1@1	CP_16QAM	20.01	PASS
DC_5A_n78	30	15	650000	1@36	CP_16QAM	20.16	PASS
DC_5A_n78	30	15	650000	38@0	CP_64QAM	18.61	PASS
DC_5A_n78	30	15	650000	19@9	CP_64QAM	18.62	PASS
DC_5A_n78	30	15	650000	1@1	CP_64QAM	18.29	PASS
DC_5A_n78	30	15	650000	1@36	CP_64QAM	18.4	PASS
DC_5A_n78	30	15	650000	38@0	CP_256QAM	15.73	PASS
DC_5A_n78	30	15	650000	19@9	CP_256QAM	15.7	PASS
DC_5A_n78	30	15	650000	1@1	CP_256QAM	15.66	PASS
DC_5A_n78	30	15	650000	1@36	CP_256QAM	15.71	PASS
DC_5A_n78	30	15	652832	36@0	DFT_BPSK	21.94	PASS
DC_5A_n78	30	15	652832	18@9	DFT_BPSK	22.16	PASS
DC_5A_n78	30	15	652832	1@1	DFT_BPSK	21.98	PASS
DC_5A_n78	30	15	652832	1@36	DFT_BPSK	22.2	PASS
DC_5A_n78	30	15	652832	36@0	DFT_QPSK	21.11	PASS
DC_5A_n78	30	15	652832	18@9	DFT_QPSK	22.19	PASS
DC_5A_n78	30	15	652832	1@1	DFT_QPSK	22.08	PASS
DC_5A_n78	30	15	652832	1@36	DFT_QPSK	22.21	PASS
DC_5A_n78	30	15	652832	36@0	DFT_16QAM	20.15	PASS
DC_5A_n78	30	15	652832	18@9	DFT_16QAM	21.11	PASS
DC_5A_n78	30	15	652832	1@1	DFT_16QAM	20.79	PASS
DC_5A_n78	30	15	652832	1@36	DFT_16QAM	21.04	PASS
DC_5A_n78	30	15	652832	36@0	DFT_64QAM	19.63	PASS
DC_5A_n78	30	15	652832	18@9	DFT_64QAM	19.66	PASS
DC_5A_n78	30	15	652832	1@1	DFT_64QAM	19.45	PASS
DC_5A_n78	30	15	652832	1@36	DFT_64QAM	19.6	PASS
DC_5A_n78	30	15	652832	36@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	15	652832	18@9	DFT_256QAM	17.11	PASS
DC_5A_n78	30	15	652832	1@1	DFT_256QAM	17.25	PASS
DC_5A_n78	30	15	652832	1@36	DFT_256QAM	17.1	PASS
DC_5A_n78	30	15	652832	38@0	CP_QPSK	20.23	PASS
DC_5A_n78	30	15	652832	19@9	CP_QPSK	20.58	PASS



DC_5A_n78	30	15	652832	1@1	CP_QPSK	20.65	PASS
DC_5A_n78	30	15	652832	1@36	CP_QPSK	20.74	PASS
DC_5A_n78	30	15	652832	38@0	CP_16QAM	19.18	PASS
DC_5A_n78	30	15	652832	19@9	CP_16QAM	20.15	PASS
DC_5A_n78	30	15	652832	1@1	CP_16QAM	19.99	PASS
DC_5A_n78	30	15	652832	1@36	CP_16QAM	20.2	PASS
DC_5A_n78	30	15	652832	38@0	CP_64QAM	18.67	PASS
DC_5A_n78	30	15	652832	19@9	CP_64QAM	18.59	PASS
DC_5A_n78	30	15	652832	1@1	CP_64QAM	18.3	PASS
DC_5A_n78	30	15	652832	1@36	CP_64QAM	18.47	PASS
DC_5A_n78	30	15	652832	38@0	CP_256QAM	15.72	PASS
DC_5A_n78	30	15	652832	19@9	CP_256QAM	15.74	PASS
DC_5A_n78	30	15	652832	1@1	CP_256QAM	15.62	PASS
DC_5A_n78	30	15	652832	1@36	CP_256QAM	15.79	PASS
DC_5A_n78	30	20	647334	50@0	DFT_BPSK	21.48	PASS
DC_5A_n78	30	20	647334	25@12	DFT_BPSK	21.76	PASS
DC_5A_n78	30	20	647334	1@1	DFT_BPSK	21.64	PASS
DC_5A_n78	30	20	647334	1@49	DFT_BPSK	21.67	PASS
DC_5A_n78	30	20	647334	50@0	DFT_QPSK	20.74	PASS
DC_5A_n78	30	20	647334	25@12	DFT_QPSK	21.77	PASS
DC_5A_n78	30	20	647334	1@1	DFT_QPSK	21.72	PASS
DC_5A_n78	30	20	647334	1@49	DFT_QPSK	21.74	PASS
DC_5A_n78	30	20	647334	50@0	DFT_16QAM	19.68	PASS
DC_5A_n78	30	20	647334	25@12	DFT_16QAM	20.76	PASS
DC_5A_n78	30	20	647334	1@1	DFT_16QAM	20.53	PASS
DC_5A_n78	30	20	647334	1@49	DFT_16QAM	20.57	PASS
DC_5A_n78	30	20	647334	50@0	DFT_64QAM	19.2	PASS
DC_5A_n78	30	20	647334	25@12	DFT_64QAM	19.23	PASS
DC_5A_n78	30	20	647334	1@1	DFT_64QAM	19.05	PASS
DC_5A_n78	30	20	647334	1@49	DFT_64QAM	19.17	PASS
DC_5A_n78	30	20	647334	50@0	DFT_256QAM	17.18	PASS
DC_5A_n78	30	20	647334	25@12	DFT_256QAM	17.24	PASS
DC_5A_n78	30	20	647334	1@1	DFT_256QAM	17.2	PASS
DC_5A_n78	30	20	647334	1@49	DFT_256QAM	17.28	PASS
DC_5A_n78	30	20	647334	51@0	CP_QPSK	19.83	PASS
DC_5A_n78	30	20	647334	25@12	CP_QPSK	19.81	PASS
DC_5A_n78	30	20	647334	1@1	CP_QPSK	19.55	PASS
DC_5A_n78	30	20	647334	1@49	CP_QPSK	19.77	PASS
DC_5A_n78	30	20	647334	51@0	CP_16QAM	19.36	PASS
DC_5A_n78	30	20	647334	25@12	CP_16QAM	19.77	PASS
DC_5A_n78	30	20	647334	1@1	CP_16QAM	19.63	PASS
DC_5A_n78	30	20	647334	1@49	CP_16QAM	19.69	PASS
DC_5A_n78	30	20	647334	51@0	CP_64QAM	18.27	PASS
DC_5A_n78	30	20	647334	25@12	CP_64QAM	18.31	PASS
DC_5A_n78	30	20	647334	1@1	CP_64QAM	17.89	PASS
DC_5A_n78	30	20	647334	1@49	CP_64QAM	17.99	PASS
DC_5A_n78	30	20	647334	51@0	CP_256QAM	15.28	PASS
DC_5A_n78	30	20	647334	25@12	CP_256QAM	15.3	PASS
DC_5A_n78	30	20	647334	1@1	CP_256QAM	15.34	PASS
DC_5A_n78	30	20	647334	1@49	CP_256QAM	15.34	PASS
DC_5A_n78	30	20	650000	50@0	DFT_BPSK	21.75	PASS



DC_5A_n78	30	20	650000	25@12	DFT_BPSK	22.07	PASS
DC_5A_n78	30	20	650000	1@1	DFT_BPSK	21.95	PASS
DC_5A_n78	30	20	650000	1@49	DFT_BPSK	22.15	PASS
DC_5A_n78	30	20	650000	50@0	DFT_QPSK	21.14	PASS
DC_5A_n78	30	20	650000	25@12	DFT_QPSK	22.17	PASS
DC_5A_n78	30	20	650000	1@1	DFT_QPSK	22	PASS
DC_5A_n78	30	20	650000	1@49	DFT_QPSK	22.17	PASS
DC_5A_n78	30	20	650000	50@0	DFT_16QAM	20.12	PASS
DC_5A_n78	30	20	650000	25@12	DFT_16QAM	21.13	PASS
DC_5A_n78	30	20	650000	1@1	DFT_16QAM	20.82	PASS
DC_5A_n78	30	20	650000	1@49	DFT_16QAM	21	PASS
DC_5A_n78	30	20	650000	50@0	DFT_64QAM	19.55	PASS
DC_5A_n78	30	20	650000	25@12	DFT_64QAM	19.6	PASS
DC_5A_n78	30	20	650000	1@1	DFT_64QAM	19.41	PASS
DC_5A_n78	30	20	650000	1@49	DFT_64QAM	19.59	PASS
DC_5A_n78	30	20	650000	50@0	DFT_256QAM	17.58	PASS
DC_5A_n78	30	20	650000	25@12	DFT_256QAM	17.57	PASS
DC_5A_n78	30	20	650000	1@1	DFT_256QAM	17.53	PASS
DC_5A_n78	30	20	650000	1@49	DFT_256QAM	17.71	PASS
DC_5A_n78	30	20	650000	51@0	CP_QPSK	19.26	PASS
DC_5A_n78	30	20	650000	25@12	CP_QPSK	19.75	PASS
DC_5A_n78	30	20	650000	1@1	CP_QPSK	19.36	PASS
DC_5A_n78	30	20	650000	1@49	CP_QPSK	19.77	PASS
DC_5A_n78	30	20	650000	51@0	CP_16QAM	19.11	PASS
DC_5A_n78	30	20	650000	25@12	CP_16QAM	20.19	PASS
DC_5A_n78	30	20	650000	1@1	CP_16QAM	19.95	PASS
DC_5A_n78	30	20	650000	1@49	CP_16QAM	20.16	PASS
DC_5A_n78	30	20	650000	51@0	CP_64QAM	18.57	PASS
DC_5A_n78	30	20	650000	25@12	CP_64QAM	18.7	PASS
DC_5A_n78	30	20	650000	1@1	CP_64QAM	18.3	PASS
DC_5A_n78	30	20	650000	1@49	CP_64QAM	18.38	PASS
DC_5A_n78	30	20	650000	51@0	CP_256QAM	15.71	PASS
DC_5A_n78	30	20	650000	25@12	CP_256QAM	15.66	PASS
DC_5A_n78	30	20	650000	1@1	CP_256QAM	15.65	PASS
DC_5A_n78	30	20	650000	1@49	CP_256QAM	15.77	PASS
DC_5A_n78	30	20	652666	50@0	DFT_BPSK	21.99	PASS
DC_5A_n78	30	20	652666	25@12	DFT_BPSK	22.14	PASS
DC_5A_n78	30	20	652666	1@1	DFT_BPSK	22.01	PASS
DC_5A_n78	30	20	652666	1@49	DFT_BPSK	22.19	PASS
DC_5A_n78	30	20	652666	50@0	DFT_QPSK	21.14	PASS
DC_5A_n78	30	20	652666	25@12	DFT_QPSK	22.13	PASS
DC_5A_n78	30	20	652666	1@1	DFT_QPSK	22.01	PASS
DC_5A_n78	30	20	652666	1@49	DFT_QPSK	22.23	PASS
DC_5A_n78	30	20	652666	50@0	DFT_16QAM	20.09	PASS
DC_5A_n78	30	20	652666	25@12	DFT_16QAM	21.16	PASS
DC_5A_n78	30	20	652666	1@1	DFT_16QAM	20.88	PASS
DC_5A_n78	30	20	652666	1@49	DFT_16QAM	21.09	PASS
DC_5A_n78	30	20	652666	50@0	DFT_64QAM	19.55	PASS
DC_5A_n78	30	20	652666	25@12	DFT_64QAM	19.65	PASS
DC_5A_n78	30	20	652666	1@1	DFT_64QAM	19.45	PASS
DC_5A_n78	30	20	652666	1@49	DFT_64QAM	19.62	PASS



DC_5A_n78	30	20	652666	50@0	DFT_256QAM	17.13	PASS
DC_5A_n78	30	20	652666	25@12	DFT_256QAM	17.26	PASS
DC_5A_n78	30	20	652666	1@1	DFT_256QAM	17.45	PASS
DC_5A_n78	30	20	652666	1@49	DFT_256QAM	17.05	PASS
DC_5A_n78	30	20	652666	51@0	CP_QPSK	19.15	PASS
DC_5A_n78	30	20	652666	25@12	CP_QPSK	19.99	PASS
DC_5A_n78	30	20	652666	1@1	CP_QPSK	20.13	PASS
DC_5A_n78	30	20	652666	1@49	CP_QPSK	20.11	PASS
DC_5A_n78	30	20	652666	51@0	CP_16QAM	19.75	PASS
DC_5A_n78	30	20	652666	25@12	CP_16QAM	20.23	PASS
DC_5A_n78	30	20	652666	1@1	CP_16QAM	19.98	PASS
DC_5A_n78	30	20	652666	1@49	CP_16QAM	20.07	PASS
DC_5A_n78	30	20	652666	51@0	CP_64QAM	18.61	PASS
DC_5A_n78	30	20	652666	25@12	CP_64QAM	18.68	PASS
DC_5A_n78	30	20	652666	1@1	CP_64QAM	18.29	PASS
DC_5A_n78	30	20	652666	1@49	CP_64QAM	18.47	PASS
DC_5A_n78	30	20	652666	51@0	CP_256QAM	15.69	PASS
DC_5A_n78	30	20	652666	25@12	CP_256QAM	15.7	PASS
DC_5A_n78	30	20	652666	1@1	CP_256QAM	15.66	PASS
DC_5A_n78	30	20	652666	1@49	CP_256QAM	15.83	PASS
DC_5A_n78	30	40	648000	100@0	DFT_BPSK	21.23	PASS
DC_5A_n78	30	40	648000	50@25	DFT_BPSK	21.73	PASS
DC_5A_n78	30	40	648000	1@1	DFT_BPSK	21.61	PASS
DC_5A_n78	30	40	648000	1@104	DFT_BPSK	21.85	PASS
DC_5A_n78	30	40	648000	100@0	DFT_QPSK	20.73	PASS
DC_5A_n78	30	40	648000	50@25	DFT_QPSK	21.7	PASS
DC_5A_n78	30	40	648000	1@1	DFT_QPSK	21.67	PASS
DC_5A_n78	30	40	648000	1@104	DFT_QPSK	21.92	PASS
DC_5A_n78	30	40	648000	100@0	DFT_16QAM	19.71	PASS
DC_5A_n78	30	40	648000	50@25	DFT_16QAM	20.66	PASS
DC_5A_n78	30	40	648000	1@1	DFT_16QAM	20.48	PASS
DC_5A_n78	30	40	648000	1@104	DFT_16QAM	20.68	PASS
DC_5A_n78	30	40	648000	100@0	DFT_64QAM	19.2	PASS
DC_5A_n78	30	40	648000	50@25	DFT_64QAM	19.18	PASS
DC_5A_n78	30	40	648000	1@1	DFT_64QAM	19.1	PASS
DC_5A_n78	30	40	648000	1@104	DFT_64QAM	19.37	PASS
DC_5A_n78	30	40	648000	100@0	DFT_256QAM	17.16	PASS
DC_5A_n78	30	40	648000	50@25	DFT_256QAM	17.23	PASS
DC_5A_n78	30	40	648000	1@1	DFT_256QAM	17.29	PASS
DC_5A_n78	30	40	648000	1@104	DFT_256QAM	17.22	PASS
DC_5A_n78	30	40	648000	106@0	CP_QPSK	18.71	PASS
DC_5A_n78	30	40	648000	53@26	CP_QPSK	20.19	PASS
DC_5A_n78	30	40	648000	1@1	CP_QPSK	20.16	PASS
DC_5A_n78	30	40	648000	1@104	CP_QPSK	20.46	PASS
DC_5A_n78	30	40	648000	106@0	CP_16QAM	18.72	PASS
DC_5A_n78	30	40	648000	53@26	CP_16QAM	19.7	PASS
DC_5A_n78	30	40	648000	1@1	CP_16QAM	19.54	PASS
DC_5A_n78	30	40	648000	1@104	CP_16QAM	19.78	PASS
DC_5A_n78	30	40	648000	106@0	CP_64QAM	18.23	PASS
DC_5A_n78	30	40	648000	53@26	CP_64QAM	18.2	PASS
DC_5A_n78	30	40	648000	1@1	CP_64QAM	17.91	PASS



DC_5A_n78	30	40	648000	1@104	CP_64QAM	18.14	PASS
DC_5A_n78	30	40	648000	106@0	CP_256QAM	15.19	PASS
DC_5A_n78	30	40	648000	53@26	CP_256QAM	15.28	PASS
DC_5A_n78	30	40	648000	1@1	CP_256QAM	15.29	PASS
DC_5A_n78	30	40	648000	1@104	CP_256QAM	15.52	PASS
DC_5A_n78	30	40	650000	100@0	DFT_BPSK	21.94	PASS
DC_5A_n78	30	40	650000	50@25	DFT_BPSK	22.12	PASS
DC_5A_n78	30	40	650000	1@1	DFT_BPSK	21.84	PASS
DC_5A_n78	30	40	650000	1@104	DFT_BPSK	22.22	PASS
DC_5A_n78	30	40	650000	100@0	DFT_QPSK	21.12	PASS
DC_5A_n78	30	40	650000	50@25	DFT_QPSK	22.12	PASS
DC_5A_n78	30	40	650000	1@1	DFT_QPSK	21.92	PASS
DC_5A_n78	30	40	650000	1@104	DFT_QPSK	22.33	PASS
DC_5A_n78	30	40	650000	100@0	DFT_16QAM	20.1	PASS
DC_5A_n78	30	40	650000	50@25	DFT_16QAM	21.06	PASS
DC_5A_n78	30	40	650000	1@1	DFT_16QAM	20.73	PASS
DC_5A_n78	30	40	650000	1@104	DFT_16QAM	21.12	PASS
DC_5A_n78	30	40	650000	100@0	DFT_64QAM	19.64	PASS
DC_5A_n78	30	40	650000	50@25	DFT_64QAM	19.58	PASS
DC_5A_n78	30	40	650000	1@1	DFT_64QAM	19.36	PASS
DC_5A_n78	30	40	650000	1@104	DFT_64QAM	19.71	PASS
DC_5A_n78	30	40	650000	100@0	DFT_256QAM	17.64	PASS
DC_5A_n78	30	40	650000	50@25	DFT_256QAM	17.6	PASS
DC_5A_n78	30	40	650000	1@1	DFT_256QAM	17.45	PASS
DC_5A_n78	30	40	650000	1@104	DFT_256QAM	17.8	PASS
DC_5A_n78	30	40	650000	106@0	CP_QPSK	19.09	PASS
DC_5A_n78	30	40	650000	53@26	CP_QPSK	20.57	PASS
DC_5A_n78	30	40	650000	1@1	CP_QPSK	20.54	PASS
DC_5A_n78	30	40	650000	1@104	CP_QPSK	20.9	PASS
DC_5A_n78	30	40	650000	106@0	CP_16QAM	19.13	PASS
DC_5A_n78	30	40	650000	53@26	CP_16QAM	20.08	PASS
DC_5A_n78	30	40	650000	1@1	CP_16QAM	19.84	PASS
DC_5A_n78	30	40	650000	1@104	CP_16QAM	20.21	PASS
DC_5A_n78	30	40	650000	106@0	CP_64QAM	18.62	PASS
DC_5A_n78	30	40	650000	53@26	CP_64QAM	18.65	PASS
DC_5A_n78	30	40	650000	1@1	CP_64QAM	18.23	PASS
DC_5A_n78	30	40	650000	1@104	CP_64QAM	18.57	PASS
DC_5A_n78	30	40	650000	106@0	CP_256QAM	15.64	PASS
DC_5A_n78	30	40	650000	53@26	CP_256QAM	15.64	PASS
DC_5A_n78	30	40	650000	1@1	CP_256QAM	15.62	PASS
DC_5A_n78	30	40	650000	1@104	CP_256QAM	15.99	PASS
DC_5A_n78	30	40	652000	100@0	DFT_BPSK	21.15	PASS
DC_5A_n78	30	40	652000	50@25	DFT_BPSK	22.09	PASS
DC_5A_n78	30	40	652000	1@1	DFT_BPSK	21.84	PASS
DC_5A_n78	30	40	652000	1@104	DFT_BPSK	22.14	PASS
DC_5A_n78	30	40	652000	100@0	DFT_QPSK	21.06	PASS
DC_5A_n78	30	40	652000	50@25	DFT_QPSK	22.04	PASS
DC_5A_n78	30	40	652000	1@1	DFT_QPSK	21.91	PASS
DC_5A_n78	30	40	652000	1@104	DFT_QPSK	22.26	PASS
DC_5A_n78	30	40	652000	100@0	DFT_16QAM	20.05	PASS
DC_5A_n78	30	40	652000	50@25	DFT_16QAM	21	PASS



DC_5A_n78	30	40	652000	1@1	DFT_16QAM	20.73	PASS
DC_5A_n78	30	40	652000	1@104	DFT_16QAM	21	PASS
DC_5A_n78	30	40	652000	100@0	DFT_64QAM	19.53	PASS
DC_5A_n78	30	40	652000	50@25	DFT_64QAM	19.57	PASS
DC_5A_n78	30	40	652000	1@1	DFT_64QAM	19.28	PASS
DC_5A_n78	30	40	652000	1@104	DFT_64QAM	19.65	PASS
DC_5A_n78	30	40	652000	100@0	DFT_256QAM	17.2	PASS
DC_5A_n78	30	40	652000	50@25	DFT_256QAM	17.26	PASS
DC_5A_n78	30	40	652000	1@1	DFT_256QAM	17.15	PASS
DC_5A_n78	30	40	652000	1@104	DFT_256QAM	17.26	PASS
DC_5A_n78	30	40	652000	106@0	CP_QPSK	19.46	PASS
DC_5A_n78	30	40	652000	53@26	CP_QPSK	20.55	PASS
DC_5A_n78	30	40	652000	1@1	CP_QPSK	20.51	PASS
DC_5A_n78	30	40	652000	1@104	CP_QPSK	20.85	PASS
DC_5A_n78	30	40	652000	106@0	CP_16QAM	19.04	PASS
DC_5A_n78	30	40	652000	53@26	CP_16QAM	20	PASS
DC_5A_n78	30	40	652000	1@1	CP_16QAM	19.77	PASS
DC_5A_n78	30	40	652000	1@104	CP_16QAM	20.26	PASS
DC_5A_n78	30	40	652000	106@0	CP_64QAM	18.56	PASS
DC_5A_n78	30	40	652000	53@26	CP_64QAM	18.61	PASS
DC_5A_n78	30	40	652000	1@1	CP_64QAM	18.13	PASS
DC_5A_n78	30	40	652000	1@104	CP_64QAM	18.52	PASS
DC_5A_n78	30	40	652000	106@0	CP_256QAM	15.6	PASS
DC_5A_n78	30	40	652000	53@26	CP_256QAM	15.58	PASS
DC_5A_n78	30	40	652000	1@1	CP_256QAM	15.49	PASS
DC_5A_n78	30	40	652000	1@104	CP_256QAM	15.84	PASS
DC_5A_n78	30	50	648334	128@0	DFT_BPSK	21.3	PASS
DC_5A_n78	30	50	648334	64@32	DFT_BPSK	21.81	PASS
DC_5A_n78	30	50	648334	1@1	DFT_BPSK	21.54	PASS
DC_5A_n78	30	50	648334	1@131	DFT_BPSK	21.93	PASS
DC_5A_n78	30	50	648334	128@0	DFT_QPSK	20.81	PASS
DC_5A_n78	30	50	648334	64@32	DFT_QPSK	21.76	PASS
DC_5A_n78	30	50	648334	1@1	DFT_QPSK	21.65	PASS
DC_5A_n78	30	50	648334	1@131	DFT_QPSK	21.99	PASS
DC_5A_n78	30	50	648334	128@0	DFT_16QAM	19.79	PASS
DC_5A_n78	30	50	648334	64@32	DFT_16QAM	20.74	PASS
DC_5A_n78	30	50	648334	1@1	DFT_16QAM	20.36	PASS
DC_5A_n78	30	50	648334	1@131	DFT_16QAM	20.69	PASS
DC_5A_n78	30	50	648334	128@0	DFT_64QAM	19.3	PASS
DC_5A_n78	30	50	648334	64@32	DFT_64QAM	19.28	PASS
DC_5A_n78	30	50	648334	1@1	DFT_64QAM	19.11	PASS
DC_5A_n78	30	50	648334	1@131	DFT_64QAM	19.48	PASS
DC_5A_n78	30	50	648334	128@0	DFT_256QAM	17.33	PASS
DC_5A_n78	30	50	648334	64@32	DFT_256QAM	17.3	PASS
DC_5A_n78	30	50	648334	1@1	DFT_256QAM	17.13	PASS
DC_5A_n78	30	50	648334	1@131	DFT_256QAM	17.48	PASS
DC_5A_n78	30	50	648334	133@0	CP_QPSK	19.61	PASS
DC_5A_n78	30	50	648334	67@33	CP_QPSK	19.42	PASS
DC_5A_n78	30	50	648334	1@1	CP_QPSK	19.48	PASS
DC_5A_n78	30	50	648334	1@131	CP_QPSK	19.64	PASS
DC_5A_n78	30	50	648334	133@0	CP_16QAM	19.39	PASS



DC_5A_n78	30	50	648334	67@33	CP_16QAM	19.8	PASS
DC_5A_n78	30	50	648334	1@1	CP_16QAM	19.53	PASS
DC_5A_n78	30	50	648334	1@131	CP_16QAM	19.87	PASS
DC_5A_n78	30	50	648334	133@0	CP_64QAM	18.28	PASS
DC_5A_n78	30	50	648334	67@33	CP_64QAM	18.26	PASS
DC_5A_n78	30	50	648334	1@1	CP_64QAM	17.9	PASS
DC_5A_n78	30	50	648334	1@131	CP_64QAM	18.24	PASS
DC_5A_n78	30	50	648334	133@0	CP_256QAM	15.37	PASS
DC_5A_n78	30	50	648334	67@33	CP_256QAM	15.33	PASS
DC_5A_n78	30	50	648334	1@1	CP_256QAM	15.26	PASS
DC_5A_n78	30	50	648334	1@131	CP_256QAM	15.57	PASS
DC_5A_n78	30	50	650000	128@0	DFT_BPSK	21.22	PASS
DC_5A_n78	30	50	650000	64@32	DFT_BPSK	22.14	PASS
DC_5A_n78	30	50	650000	1@1	DFT_BPSK	21.77	PASS
DC_5A_n78	30	50	650000	1@131	DFT_BPSK	22.25	PASS
DC_5A_n78	30	50	650000	128@0	DFT_QPSK	21.15	PASS
DC_5A_n78	30	50	650000	64@32	DFT_QPSK	22.11	PASS
DC_5A_n78	30	50	650000	1@1	DFT_QPSK	21.86	PASS
DC_5A_n78	30	50	650000	1@131	DFT_QPSK	22.37	PASS
DC_5A_n78	30	50	650000	128@0	DFT_16QAM	20.16	PASS
DC_5A_n78	30	50	650000	64@32	DFT_16QAM	21.07	PASS
DC_5A_n78	30	50	650000	1@1	DFT_16QAM	20.72	PASS
DC_5A_n78	30	50	650000	1@131	DFT_16QAM	21.22	PASS
DC_5A_n78	30	50	650000	128@0	DFT_64QAM	19.64	PASS
DC_5A_n78	30	50	650000	64@32	DFT_64QAM	19.65	PASS
DC_5A_n78	30	50	650000	1@1	DFT_64QAM	19.25	PASS
DC_5A_n78	30	50	650000	1@131	DFT_64QAM	19.78	PASS
DC_5A_n78	30	50	650000	128@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	50	650000	64@32	DFT_256QAM	17	PASS
DC_5A_n78	30	50	650000	1@1	DFT_256QAM	17.26	PASS
DC_5A_n78	30	50	650000	1@131	DFT_256QAM	17.2	PASS
DC_5A_n78	30	50	650000	133@0	CP_QPSK	19.14	PASS
DC_5A_n78	30	50	650000	67@33	CP_QPSK	20.62	PASS
DC_5A_n78	30	50	650000	1@1	CP_QPSK	20.45	PASS
DC_5A_n78	30	50	650000	1@131	CP_QPSK	20.86	PASS
DC_5A_n78	30	50	650000	133@0	CP_16QAM	19.09	PASS
DC_5A_n78	30	50	650000	67@33	CP_16QAM	20.14	PASS
DC_5A_n78	30	50	650000	1@1	CP_16QAM	19.85	PASS
DC_5A_n78	30	50	650000	1@131	CP_16QAM	20.26	PASS
DC_5A_n78	30	50	650000	133@0	CP_64QAM	18.59	PASS
DC_5A_n78	30	50	650000	67@33	CP_64QAM	18.64	PASS
DC_5A_n78	30	50	650000	1@1	CP_64QAM	18.13	PASS
DC_5A_n78	30	50	650000	1@131	CP_64QAM	18.57	PASS
DC_5A_n78	30	50	650000	133@0	CP_256QAM	15.68	PASS
DC_5A_n78	30	50	650000	67@33	CP_256QAM	15.66	PASS
DC_5A_n78	30	50	650000	1@1	CP_256QAM	15.51	PASS
DC_5A_n78	30	50	650000	1@131	CP_256QAM	15.99	PASS
DC_5A_n78	30	50	651666	128@0	DFT_BPSK	21.46	PASS
DC_5A_n78	30	50	651666	64@32	DFT_BPSK	22.19	PASS
DC_5A_n78	30	50	651666	1@1	DFT_BPSK	21.79	PASS
DC_5A_n78	30	50	651666	1@131	DFT_BPSK	22.24	PASS



DC_5A_n78	30	50	651666	128@0	DFT_QPSK	21.19	PASS
DC_5A_n78	30	50	651666	64@32	DFT_QPSK	22.14	PASS
DC_5A_n78	30	50	651666	1@1	DFT_QPSK	21.92	PASS
DC_5A_n78	30	50	651666	1@131	DFT_QPSK	22.36	PASS
DC_5A_n78	30	50	651666	128@0	DFT_16QAM	20.19	PASS
DC_5A_n78	30	50	651666	64@32	DFT_16QAM	21.08	PASS
DC_5A_n78	30	50	651666	1@1	DFT_16QAM	20.72	PASS
DC_5A_n78	30	50	651666	1@131	DFT_16QAM	21.13	PASS
DC_5A_n78	30	50	651666	128@0	DFT_64QAM	19.64	PASS
DC_5A_n78	30	50	651666	64@32	DFT_64QAM	19.67	PASS
DC_5A_n78	30	50	651666	1@1	DFT_64QAM	19.32	PASS
DC_5A_n78	30	50	651666	1@131	DFT_64QAM	19.8	PASS
DC_5A_n78	30	50	651666	128@0	DFT_256QAM	17.43	PASS
DC_5A_n78	30	50	651666	64@32	DFT_256QAM	17.44	PASS
DC_5A_n78	30	50	651666	1@1	DFT_256QAM	17.16	PASS
DC_5A_n78	30	50	651666	1@131	DFT_256QAM	17.26	PASS
DC_5A_n78	30	50	651666	133@0	CP_QPSK	19.42	PASS
DC_5A_n78	30	50	651666	67@33	CP_QPSK	20.26	PASS
DC_5A_n78	30	50	651666	1@1	CP_QPSK	20.11	PASS
DC_5A_n78	30	50	651666	1@131	CP_QPSK	20.16	PASS
DC_5A_n78	30	50	651666	133@0	CP_16QAM	19.48	PASS
DC_5A_n78	30	50	651666	67@33	CP_16QAM	20.09	PASS
DC_5A_n78	30	50	651666	1@1	CP_16QAM	19.77	PASS
DC_5A_n78	30	50	651666	1@131	CP_16QAM	20.2	PASS
DC_5A_n78	30	50	651666	133@0	CP_64QAM	18.62	PASS
DC_5A_n78	30	50	651666	67@33	CP_64QAM	18.64	PASS
DC_5A_n78	30	50	651666	1@1	CP_64QAM	18.2	PASS
DC_5A_n78	30	50	651666	1@131	CP_64QAM	18.61	PASS
DC_5A_n78	30	50	651666	133@0	CP_256QAM	15.67	PASS
DC_5A_n78	30	50	651666	67@33	CP_256QAM	15.62	PASS
DC_5A_n78	30	50	651666	1@1	CP_256QAM	15.52	PASS
DC_5A_n78	30	50	651666	1@131	CP_256QAM	16.02	PASS
DC_5A_n78	30	60	648668	162@0	DFT_BPSK	21.68	PASS
DC_5A_n78	30	60	648668	81@40	DFT_BPSK	21.8	PASS
DC_5A_n78	30	60	648668	1@1	DFT_BPSK	21.51	PASS
DC_5A_n78	30	60	648668	1@160	DFT_BPSK	21.92	PASS
DC_5A_n78	30	60	648668	162@0	DFT_QPSK	20.78	PASS
DC_5A_n78	30	60	648668	81@40	DFT_QPSK	21.79	PASS
DC_5A_n78	30	60	648668	1@1	DFT_QPSK	21.6	PASS
DC_5A_n78	30	60	648668	1@160	DFT_QPSK	21.96	PASS
DC_5A_n78	30	60	648668	162@0	DFT_16QAM	19.79	PASS
DC_5A_n78	30	60	648668	81@40	DFT_16QAM	20.82	PASS
DC_5A_n78	30	60	648668	1@1	DFT_16QAM	20.36	PASS
DC_5A_n78	30	60	648668	1@160	DFT_16QAM	20.78	PASS
DC_5A_n78	30	60	648668	162@0	DFT_64QAM	19.31	PASS
DC_5A_n78	30	60	648668	81@40	DFT_64QAM	19.35	PASS
DC_5A_n78	30	60	648668	1@1	DFT_64QAM	18.97	PASS
DC_5A_n78	30	60	648668	1@160	DFT_64QAM	19.37	PASS
DC_5A_n78	30	60	648668	162@0	DFT_256QAM	17.31	PASS
DC_5A_n78	30	60	648668	81@40	DFT_256QAM	17.31	PASS
DC_5A_n78	30	60	648668	1@1	DFT_256QAM	17.06	PASS



DC_5A_n78	30	60	648668	1@160	DFT_256QAM	17.49	PASS
DC_5A_n78	30	60	648668	162@0	CP_QPSK	18.73	PASS
DC_5A_n78	30	60	648668	81@40	CP_QPSK	20.27	PASS
DC_5A_n78	30	60	648668	1@1	CP_QPSK	20.15	PASS
DC_5A_n78	30	60	648668	1@160	CP_QPSK	20.56	PASS
DC_5A_n78	30	60	648668	162@0	CP_16QAM	18.74	PASS
DC_5A_n78	30	60	648668	81@40	CP_16QAM	19.77	PASS
DC_5A_n78	30	60	648668	1@1	CP_16QAM	19.53	PASS
DC_5A_n78	30	60	648668	1@160	CP_16QAM	19.97	PASS
DC_5A_n78	30	60	648668	162@0	CP_64QAM	18.29	PASS
DC_5A_n78	30	60	648668	81@40	CP_64QAM	18.28	PASS
DC_5A_n78	30	60	648668	1@1	CP_64QAM	17.78	PASS
DC_5A_n78	30	60	648668	1@160	CP_64QAM	18.21	PASS
DC_5A_n78	30	60	648668	162@0	CP_256QAM	15.28	PASS
DC_5A_n78	30	60	648668	81@40	CP_256QAM	15.28	PASS
DC_5A_n78	30	60	648668	1@1	CP_256QAM	15.18	PASS
DC_5A_n78	30	60	648668	1@160	CP_256QAM	15.57	PASS
DC_5A_n78	30	60	650000	162@0	DFT_BPSK	21.52	PASS
DC_5A_n78	30	60	650000	81@40	DFT_BPSK	22.09	PASS
DC_5A_n78	30	60	650000	1@1	DFT_BPSK	21.67	PASS
DC_5A_n78	30	60	650000	1@160	DFT_BPSK	22.28	PASS
DC_5A_n78	30	60	650000	162@0	DFT_QPSK	21.14	PASS
DC_5A_n78	30	60	650000	81@40	DFT_QPSK	22.08	PASS
DC_5A_n78	30	60	650000	1@1	DFT_QPSK	21.8	PASS
DC_5A_n78	30	60	650000	1@160	DFT_QPSK	22.37	PASS
DC_5A_n78	30	60	650000	162@0	DFT_16QAM	20.09	PASS
DC_5A_n78	30	60	650000	81@40	DFT_16QAM	21.12	PASS
DC_5A_n78	30	60	650000	1@1	DFT_16QAM	20.51	PASS
DC_5A_n78	30	60	650000	1@160	DFT_16QAM	21.06	PASS
DC_5A_n78	30	60	650000	162@0	DFT_64QAM	19.64	PASS
DC_5A_n78	30	60	650000	81@40	DFT_64QAM	19.62	PASS
DC_5A_n78	30	60	650000	1@1	DFT_64QAM	19.21	PASS
DC_5A_n78	30	60	650000	1@160	DFT_64QAM	19.84	PASS
DC_5A_n78	30	60	650000	162@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	60	650000	81@40	DFT_256QAM	17.26	PASS
DC_5A_n78	30	60	650000	1@1	DFT_256QAM	17.29	PASS
DC_5A_n78	30	60	650000	1@160	DFT_256QAM	17.06	PASS
DC_5A_n78	30	60	650000	162@0	CP_QPSK	19.92	PASS
DC_5A_n78	30	60	650000	81@40	CP_QPSK	20.53	PASS
DC_5A_n78	30	60	650000	1@1	CP_QPSK	20.34	PASS
DC_5A_n78	30	60	650000	1@160	CP_QPSK	20.96	PASS
DC_5A_n78	30	60	650000	162@0	CP_16QAM	19.09	PASS
DC_5A_n78	30	60	650000	81@40	CP_16QAM	20.08	PASS
DC_5A_n78	30	60	650000	1@1	CP_16QAM	19.75	PASS
DC_5A_n78	30	60	650000	1@160	CP_16QAM	20.22	PASS
DC_5A_n78	30	60	650000	162@0	CP_64QAM	18.61	PASS
DC_5A_n78	30	60	650000	81@40	CP_64QAM	18.59	PASS
DC_5A_n78	30	60	650000	1@1	CP_64QAM	18.04	PASS
DC_5A_n78	30	60	650000	1@160	CP_64QAM	18.6	PASS
DC_5A_n78	30	60	650000	162@0	CP_256QAM	15.64	PASS
DC_5A_n78	30	60	650000	81@40	CP_256QAM	15.59	PASS



DC_5A_n78	30	60	650000	1@1	CP_256QAM	15.42	PASS
DC_5A_n78	30	60	650000	1@160	CP_256QAM	15.95	PASS
DC_5A_n78	30	60	651332	162@0	DFT_BPSK	21.66	PASS
DC_5A_n78	30	60	651332	81@40	DFT_BPSK	22.16	PASS
DC_5A_n78	30	60	651332	1@1	DFT_BPSK	21.71	PASS
DC_5A_n78	30	60	651332	1@160	DFT_BPSK	22.29	PASS
DC_5A_n78	30	60	651332	162@0	DFT_QPSK	21.13	PASS
DC_5A_n78	30	60	651332	81@40	DFT_QPSK	22.13	PASS
DC_5A_n78	30	60	651332	1@1	DFT_QPSK	21.81	PASS
DC_5A_n78	30	60	651332	1@160	DFT_QPSK	22.41	PASS
DC_5A_n78	30	60	651332	162@0	DFT_16QAM	20.12	PASS
DC_5A_n78	30	60	651332	81@40	DFT_16QAM	21.12	PASS
DC_5A_n78	30	60	651332	1@1	DFT_16QAM	20.58	PASS
DC_5A_n78	30	60	651332	1@160	DFT_16QAM	21.12	PASS
DC_5A_n78	30	60	651332	162@0	DFT_64QAM	19.62	PASS
DC_5A_n78	30	60	651332	81@40	DFT_64QAM	19.69	PASS
DC_5A_n78	30	60	651332	1@1	DFT_64QAM	19.2	PASS
DC_5A_n78	30	60	651332	1@160	DFT_64QAM	19.82	PASS
DC_5A_n78	30	60	651332	162@0	DFT_256QAM	17.63	PASS
DC_5A_n78	30	60	651332	81@40	DFT_256QAM	17.65	PASS
DC_5A_n78	30	60	651332	1@1	DFT_256QAM	17.33	PASS
DC_5A_n78	30	60	651332	1@160	DFT_256QAM	17.86	PASS
DC_5A_n78	30	60	651332	162@0	CP_QPSK	19.68	PASS
DC_5A_n78	30	60	651332	81@40	CP_QPSK	19.58	PASS
DC_5A_n78	30	60	651332	1@1	CP_QPSK	19.22	PASS
DC_5A_n78	30	60	651332	1@160	CP_QPSK	19.56	PASS
DC_5A_n78	30	60	651332	162@0	CP_16QAM	19.67	PASS
DC_5A_n78	30	60	651332	81@40	CP_16QAM	20.07	PASS
DC_5A_n78	30	60	651332	1@1	CP_16QAM	19.67	PASS
DC_5A_n78	30	60	651332	1@160	CP_16QAM	20.28	PASS
DC_5A_n78	30	60	651332	162@0	CP_64QAM	18.59	PASS
DC_5A_n78	30	60	651332	81@40	CP_64QAM	18.61	PASS
DC_5A_n78	30	60	651332	1@1	CP_64QAM	18.05	PASS
DC_5A_n78	30	60	651332	1@160	CP_64QAM	18.66	PASS
DC_5A_n78	30	60	651332	162@0	CP_256QAM	15.64	PASS
DC_5A_n78	30	60	651332	81@40	CP_256QAM	15.62	PASS
DC_5A_n78	30	60	651332	1@1	CP_256QAM	15.42	PASS
DC_5A_n78	30	60	651332	1@160	CP_256QAM	15.96	PASS
DC_5A_n78	30	70	649000	180@0	DFT_BPSK	21.68	PASS
DC_5A_n78	30	70	649000	90@45	DFT_BPSK	21.95	PASS
DC_5A_n78	30	70	649000	1@1	DFT_BPSK	21.6	PASS
DC_5A_n78	30	70	649000	1@187	DFT_BPSK	22.13	PASS
DC_5A_n78	30	70	649000	180@0	DFT_QPSK	20.97	PASS
DC_5A_n78	30	70	649000	90@45	DFT_QPSK	21.92	PASS
DC_5A_n78	30	70	649000	1@1	DFT_QPSK	21.7	PASS
DC_5A_n78	30	70	649000	1@187	DFT_QPSK	22.21	PASS
DC_5A_n78	30	70	649000	180@0	DFT_16QAM	19.95	PASS
DC_5A_n78	30	70	649000	90@45	DFT_16QAM	20.92	PASS
DC_5A_n78	30	70	649000	1@1	DFT_16QAM	20.44	PASS
DC_5A_n78	30	70	649000	1@187	DFT_16QAM	20.91	PASS
DC_5A_n78	30	70	649000	180@0	DFT_64QAM	19.47	PASS



DC_5A_n78	30	70	649000	90@45	DFT_64QAM	19.47	PASS
DC_5A_n78	30	70	649000	1@1	DFT_64QAM	19.03	PASS
DC_5A_n78	30	70	649000	1@187	DFT_64QAM	19.55	PASS
DC_5A_n78	30	70	649000	180@0	DFT_256QAM	17.06	PASS
DC_5A_n78	30	70	649000	90@45	DFT_256QAM	17.11	PASS
DC_5A_n78	30	70	649000	1@1	DFT_256QAM	17.16	PASS
DC_5A_n78	30	70	649000	1@187	DFT_256QAM	17.25	PASS
DC_5A_n78	30	70	649000	189@0	CP_QPSK	19.88	PASS
DC_5A_n78	30	70	649000	95@47	CP_QPSK	20.44	PASS
DC_5A_n78	30	70	649000	1@1	CP_QPSK	20.21	PASS
DC_5A_n78	30	70	649000	1@187	CP_QPSK	20.7	PASS
DC_5A_n78	30	70	649000	189@0	CP_16QAM	18.97	PASS
DC_5A_n78	30	70	649000	95@47	CP_16QAM	19.93	PASS
DC_5A_n78	30	70	649000	1@1	CP_16QAM	19.5	PASS
DC_5A_n78	30	70	649000	1@187	CP_16QAM	20.03	PASS
DC_5A_n78	30	70	649000	189@0	CP_64QAM	18.47	PASS
DC_5A_n78	30	70	649000	95@47	CP_64QAM	18.47	PASS
DC_5A_n78	30	70	649000	1@1	CP_64QAM	17.81	PASS
DC_5A_n78	30	70	649000	1@187	CP_64QAM	18.36	PASS
DC_5A_n78	30	70	649000	189@0	CP_256QAM	15.5	PASS
DC_5A_n78	30	70	649000	95@47	CP_256QAM	15.47	PASS
DC_5A_n78	30	70	649000	1@1	CP_256QAM	15.21	PASS
DC_5A_n78	30	70	649000	1@187	CP_256QAM	15.72	PASS
DC_5A_n78	30	70	650000	180@0	DFT_BPSK	21.6	PASS
DC_5A_n78	30	70	650000	90@45	DFT_BPSK	22.17	PASS
DC_5A_n78	30	70	650000	1@1	DFT_BPSK	21.66	PASS
DC_5A_n78	30	70	650000	1@187	DFT_BPSK	22.24	PASS
DC_5A_n78	30	70	650000	180@0	DFT_QPSK	21.12	PASS
DC_5A_n78	30	70	650000	90@45	DFT_QPSK	22.09	PASS
DC_5A_n78	30	70	650000	1@1	DFT_QPSK	21.79	PASS
DC_5A_n78	30	70	650000	1@187	DFT_QPSK	22.37	PASS
DC_5A_n78	30	70	650000	180@0	DFT_16QAM	20.14	PASS
DC_5A_n78	30	70	650000	90@45	DFT_16QAM	21.11	PASS
DC_5A_n78	30	70	650000	1@1	DFT_16QAM	20.53	PASS
DC_5A_n78	30	70	650000	1@187	DFT_16QAM	21.17	PASS
DC_5A_n78	30	70	650000	180@0	DFT_64QAM	19.62	PASS
DC_5A_n78	30	70	650000	90@45	DFT_64QAM	19.68	PASS
DC_5A_n78	30	70	650000	1@1	DFT_64QAM	19.17	PASS
DC_5A_n78	30	70	650000	1@187	DFT_64QAM	19.72	PASS
DC_5A_n78	30	70	650000	180@0	DFT_256QAM	17.67	PASS
DC_5A_n78	30	70	650000	90@45	DFT_256QAM	17.69	PASS
DC_5A_n78	30	70	650000	1@1	DFT_256QAM	17.24	PASS
DC_5A_n78	30	70	650000	1@187	DFT_256QAM	17.8	PASS
DC_5A_n78	30	70	650000	189@0	CP_QPSK	19.9	PASS
DC_5A_n78	30	70	650000	95@47	CP_QPSK	19.25	PASS
DC_5A_n78	30	70	650000	1@1	CP_QPSK	19.47	PASS
DC_5A_n78	30	70	650000	1@187	CP_QPSK	19.82	PASS
DC_5A_n78	30	70	650000	189@0	CP_16QAM	19.91	PASS
DC_5A_n78	30	70	650000	95@47	CP_16QAM	20.13	PASS
DC_5A_n78	30	70	650000	1@1	CP_16QAM	19.75	PASS
DC_5A_n78	30	70	650000	1@187	CP_16QAM	20.18	PASS



DC_5A_n78	30	70	650000	189@0	CP_64QAM	18.62	PASS
DC_5A_n78	30	70	650000	95@47	CP_64QAM	18.66	PASS
DC_5A_n78	30	70	650000	1@1	CP_64QAM	18.04	PASS
DC_5A_n78	30	70	650000	1@187	CP_64QAM	18.63	PASS
DC_5A_n78	30	70	650000	189@0	CP_256QAM	15.66	PASS
DC_5A_n78	30	70	650000	95@47	CP_256QAM	15.64	PASS
DC_5A_n78	30	70	650000	1@1	CP_256QAM	15.33	PASS
DC_5A_n78	30	70	650000	1@187	CP_256QAM	15.87	PASS
DC_5A_n78	30	70	651000	180@0	DFT_BPSK	21.29	PASS
DC_5A_n78	30	70	651000	90@45	DFT_BPSK	22.2	PASS
DC_5A_n78	30	70	651000	1@1	DFT_BPSK	21.7	PASS
DC_5A_n78	30	70	651000	1@187	DFT_BPSK	22.34	PASS
DC_5A_n78	30	70	651000	180@0	DFT_QPSK	21.2	PASS
DC_5A_n78	30	70	651000	90@45	DFT_QPSK	22.23	PASS
DC_5A_n78	30	70	651000	1@1	DFT_QPSK	21.84	PASS
DC_5A_n78	30	70	651000	1@187	DFT_QPSK	22.46	PASS
DC_5A_n78	30	70	651000	180@0	DFT_16QAM	20.21	PASS
DC_5A_n78	30	70	651000	90@45	DFT_16QAM	21.2	PASS
DC_5A_n78	30	70	651000	1@1	DFT_16QAM	20.63	PASS
DC_5A_n78	30	70	651000	1@187	DFT_16QAM	21.24	PASS
DC_5A_n78	30	70	651000	180@0	DFT_64QAM	19.69	PASS
DC_5A_n78	30	70	651000	90@45	DFT_64QAM	19.74	PASS
DC_5A_n78	30	70	651000	1@1	DFT_64QAM	19.22	PASS
DC_5A_n78	30	70	651000	1@187	DFT_64QAM	19.8	PASS
DC_5A_n78	30	70	651000	180@0	DFT_256QAM	17.72	PASS
DC_5A_n78	30	70	651000	90@45	DFT_256QAM	17.73	PASS
DC_5A_n78	30	70	651000	1@1	DFT_256QAM	17.25	PASS
DC_5A_n78	30	70	651000	1@187	DFT_256QAM	17.93	PASS
DC_5A_n78	30	70	651000	189@0	CP_QPSK	19.6	PASS
DC_5A_n78	30	70	651000	95@47	CP_QPSK	20.14	PASS
DC_5A_n78	30	70	651000	1@1	CP_QPSK	19.87	PASS
DC_5A_n78	30	70	651000	1@187	CP_QPSK	20.16	PASS
DC_5A_n78	30	70	651000	189@0	CP_16QAM	19.88	PASS
DC_5A_n78	30	70	651000	95@47	CP_16QAM	20.21	PASS
DC_5A_n78	30	70	651000	1@1	CP_16QAM	19.69	PASS
DC_5A_n78	30	70	651000	1@187	CP_16QAM	20.37	PASS
DC_5A_n78	30	70	651000	189@0	CP_64QAM	18.72	PASS
DC_5A_n78	30	70	651000	95@47	CP_64QAM	18.72	PASS
DC_5A_n78	30	70	651000	1@1	CP_64QAM	18.07	PASS
DC_5A_n78	30	70	651000	1@187	CP_64QAM	18.72	PASS
DC_5A_n78	30	70	651000	189@0	CP_256QAM	15.71	PASS
DC_5A_n78	30	70	651000	95@47	CP_256QAM	15.73	PASS
DC_5A_n78	30	70	651000	1@1	CP_256QAM	15.38	PASS
DC_5A_n78	30	70	651000	1@187	CP_256QAM	15.97	PASS
DC_5A_n78	30	80	649334	216@0	DFT_BPSK	21.59	PASS
DC_5A_n78	30	80	649334	108@54	DFT_BPSK	21.98	PASS
DC_5A_n78	30	80	649334	1@1	DFT_BPSK	21.57	PASS
DC_5A_n78	30	80	649334	1@215	DFT_BPSK	22.15	PASS
DC_5A_n78	30	80	649334	216@0	DFT_QPSK	20.95	PASS
DC_5A_n78	30	80	649334	108@54	DFT_QPSK	21.97	PASS
DC_5A_n78	30	80	649334	1@1	DFT_QPSK	21.64	PASS



DC_5A_n78	30	80	649334	1@215	DFT_QPSK	22.27	PASS
DC_5A_n78	30	80	649334	216@0	DFT_16QAM	19.94	PASS
DC_5A_n78	30	80	649334	108@54	DFT_16QAM	20.94	PASS
DC_5A_n78	30	80	649334	1@1	DFT_16QAM	20.45	PASS
DC_5A_n78	30	80	649334	1@215	DFT_16QAM	21.04	PASS
DC_5A_n78	30	80	649334	216@0	DFT_64QAM	19.44	PASS
DC_5A_n78	30	80	649334	108@54	DFT_64QAM	19.51	PASS
DC_5A_n78	30	80	649334	1@1	DFT_64QAM	19.03	PASS
DC_5A_n78	30	80	649334	1@215	DFT_64QAM	19.58	PASS
DC_5A_n78	30	80	649334	216@0	DFT_256QAM	17.23	PASS
DC_5A_n78	30	80	649334	108@54	DFT_256QAM	16.96	PASS
DC_5A_n78	30	80	649334	1@1	DFT_256QAM	17.15	PASS
DC_5A_n78	30	80	649334	1@215	DFT_256QAM	17.26	PASS
DC_5A_n78	30	80	649334	217@0	CP_QPSK	19.69	PASS
DC_5A_n78	30	80	649334	109@54	CP_QPSK	20.4	PASS
DC_5A_n78	30	80	649334	1@1	CP_QPSK	20.16	PASS
DC_5A_n78	30	80	649334	1@215	CP_QPSK	20.86	PASS
DC_5A_n78	30	80	649334	217@0	CP_16QAM	18.98	PASS
DC_5A_n78	30	80	649334	109@54	CP_16QAM	19.93	PASS
DC_5A_n78	30	80	649334	1@1	CP_16QAM	19.48	PASS
DC_5A_n78	30	80	649334	1@215	CP_16QAM	20.08	PASS
DC_5A_n78	30	80	649334	217@0	CP_64QAM	18.49	PASS
DC_5A_n78	30	80	649334	109@54	CP_64QAM	18.44	PASS
DC_5A_n78	30	80	649334	1@1	CP_64QAM	17.84	PASS
DC_5A_n78	30	80	649334	1@215	CP_64QAM	18.46	PASS
DC_5A_n78	30	80	649334	217@0	CP_256QAM	15.53	PASS
DC_5A_n78	30	80	649334	109@54	CP_256QAM	15.45	PASS
DC_5A_n78	30	80	649334	1@1	CP_256QAM	15.16	PASS
DC_5A_n78	30	80	649334	1@215	CP_256QAM	15.76	PASS
DC_5A_n78	30	80	650000	216@0	DFT_BPSK	21.69	PASS
DC_5A_n78	30	80	650000	108@54	DFT_BPSK	22.19	PASS
DC_5A_n78	30	80	650000	1@1	DFT_BPSK	21.7	PASS
DC_5A_n78	30	80	650000	1@215	DFT_BPSK	22.34	PASS
DC_5A_n78	30	80	650000	216@0	DFT_QPSK	21.16	PASS
DC_5A_n78	30	80	650000	108@54	DFT_QPSK	22.17	PASS
DC_5A_n78	30	80	650000	1@1	DFT_QPSK	21.79	PASS
DC_5A_n78	30	80	650000	1@215	DFT_QPSK	22.44	PASS
DC_5A_n78	30	80	650000	216@0	DFT_16QAM	20.18	PASS
DC_5A_n78	30	80	650000	108@54	DFT_16QAM	21.14	PASS
DC_5A_n78	30	80	650000	1@1	DFT_16QAM	20.63	PASS
DC_5A_n78	30	80	650000	1@215	DFT_16QAM	21.16	PASS
DC_5A_n78	30	80	650000	216@0	DFT_64QAM	19.6	PASS
DC_5A_n78	30	80	650000	108@54	DFT_64QAM	19.69	PASS
DC_5A_n78	30	80	650000	1@1	DFT_64QAM	19.17	PASS
DC_5A_n78	30	80	650000	1@215	DFT_64QAM	19.79	PASS
DC_5A_n78	30	80	650000	216@0	DFT_256QAM	17.35	PASS
DC_5A_n78	30	80	650000	108@54	DFT_256QAM	17.26	PASS
DC_5A_n78	30	80	650000	1@1	DFT_256QAM	17.22	PASS
DC_5A_n78	30	80	650000	1@215	DFT_256QAM	17.45	PASS
DC_5A_n78	30	80	650000	217@0	CP_QPSK	19.26	PASS
DC_5A_n78	30	80	650000	109@54	CP_QPSK	20.21	PASS



DC_5A_n78	30	80	650000	1@1	CP_QPSK	20.16	PASS
DC_5A_n78	30	80	650000	1@215	CP_QPSK	19.83	PASS
DC_5A_n78	30	80	650000	217@0	CP_16QAM	19.11	PASS
DC_5A_n78	30	80	650000	109@54	CP_16QAM	20.14	PASS
DC_5A_n78	30	80	650000	1@1	CP_16QAM	19.62	PASS
DC_5A_n78	30	80	650000	1@215	CP_16QAM	20.23	PASS
DC_5A_n78	30	80	650000	217@0	CP_64QAM	18.64	PASS
DC_5A_n78	30	80	650000	109@54	CP_64QAM	18.64	PASS
DC_5A_n78	30	80	650000	1@1	CP_64QAM	18.04	PASS
DC_5A_n78	30	80	650000	1@215	CP_64QAM	18.66	PASS
DC_5A_n78	30	80	650000	217@0	CP_256QAM	15.66	PASS
DC_5A_n78	30	80	650000	109@54	CP_256QAM	15.66	PASS
DC_5A_n78	30	80	650000	1@1	CP_256QAM	15.36	PASS
DC_5A_n78	30	80	650000	1@215	CP_256QAM	15.92	PASS
DC_5A_n78	30	80	650666	216@0	DFT_BPSK	21.64	PASS
DC_5A_n78	30	80	650666	108@54	DFT_BPSK	22.2	PASS
DC_5A_n78	30	80	650666	1@1	DFT_BPSK	21.73	PASS
DC_5A_n78	30	80	650666	1@215	DFT_BPSK	22.34	PASS
DC_5A_n78	30	80	650666	216@0	DFT_QPSK	21.17	PASS
DC_5A_n78	30	80	650666	108@54	DFT_QPSK	22.16	PASS
DC_5A_n78	30	80	650666	1@1	DFT_QPSK	21.77	PASS
DC_5A_n78	30	80	650666	1@215	DFT_QPSK	22.44	PASS
DC_5A_n78	30	80	650666	216@0	DFT_16QAM	20.17	PASS
DC_5A_n78	30	80	650666	108@54	DFT_16QAM	21.14	PASS
DC_5A_n78	30	80	650666	1@1	DFT_16QAM	20.56	PASS
DC_5A_n78	30	80	650666	1@215	DFT_16QAM	21.25	PASS
DC_5A_n78	30	80	650666	216@0	DFT_64QAM	19.68	PASS
DC_5A_n78	30	80	650666	108@54	DFT_64QAM	19.71	PASS
DC_5A_n78	30	80	650666	1@1	DFT_64QAM	19.17	PASS
DC_5A_n78	30	80	650666	1@215	DFT_64QAM	19.8	PASS
DC_5A_n78	30	80	650666	216@0	DFT_256QAM	17.13	PASS
DC_5A_n78	30	80	650666	108@54	DFT_256QAM	17.21	PASS
DC_5A_n78	30	80	650666	1@1	DFT_256QAM	17.36	PASS
DC_5A_n78	30	80	650666	1@215	DFT_256QAM	17.04	PASS
DC_5A_n78	30	80	650666	217@0	CP_QPSK	19.13	PASS
DC_5A_n78	30	80	650666	109@54	CP_QPSK	20.6	PASS
DC_5A_n78	30	80	650666	1@1	CP_QPSK	20.28	PASS
DC_5A_n78	30	80	650666	1@215	CP_QPSK	20.93	PASS
DC_5A_n78	30	80	650666	217@0	CP_16QAM	19.14	PASS
DC_5A_n78	30	80	650666	109@54	CP_16QAM	20.1	PASS
DC_5A_n78	30	80	650666	1@1	CP_16QAM	19.68	PASS
DC_5A_n78	30	80	650666	1@215	CP_16QAM	20.31	PASS
DC_5A_n78	30	80	650666	217@0	CP_64QAM	18.68	PASS
DC_5A_n78	30	80	650666	109@54	CP_64QAM	18.63	PASS
DC_5A_n78	30	80	650666	1@1	CP_64QAM	18	PASS
DC_5A_n78	30	80	650666	1@215	CP_64QAM	18.7	PASS
DC_5A_n78	30	80	650666	217@0	CP_256QAM	15.69	PASS
DC_5A_n78	30	80	650666	109@54	CP_256QAM	15.72	PASS
DC_5A_n78	30	80	650666	1@1	CP_256QAM	15.3	PASS
DC_5A_n78	30	80	650666	1@215	CP_256QAM	15.97	PASS
DC_5A_n78	30	90	649668	243@0	DFT_BPSK	21.94	PASS



DC_5A_n78	30	90	649668	120@60	DFT_BPSK	22.13	PASS
DC_5A_n78	30	90	649668	1@1	DFT_BPSK	22.06	PASS
DC_5A_n78	30	90	649668	1@243	DFT_BPSK	21.86	PASS
DC_5A_n78	30	90	649668	243@0	DFT_QPSK	21.64	PASS
DC_5A_n78	30	90	649668	120@60	DFT_QPSK	22.04	PASS
DC_5A_n78	30	90	649668	1@1	DFT_QPSK	21.63	PASS
DC_5A_n78	30	90	649668	1@243	DFT_QPSK	22.32	PASS
DC_5A_n78	30	90	649668	243@0	DFT_16QAM	20.03	PASS
DC_5A_n78	30	90	649668	120@60	DFT_16QAM	21.04	PASS
DC_5A_n78	30	90	649668	1@1	DFT_16QAM	20.41	PASS
DC_5A_n78	30	90	649668	1@243	DFT_16QAM	21.13	PASS
DC_5A_n78	30	90	649668	243@0	DFT_64QAM	19.53	PASS
DC_5A_n78	30	90	649668	120@60	DFT_64QAM	19.58	PASS
DC_5A_n78	30	90	649668	1@1	DFT_64QAM	19.03	PASS
DC_5A_n78	30	90	649668	1@243	DFT_64QAM	19.74	PASS
DC_5A_n78	30	90	649668	243@0	DFT_256QAM	17.12	PASS
DC_5A_n78	30	90	649668	120@60	DFT_256QAM	17.26	PASS
DC_5A_n78	30	90	649668	1@1	DFT_256QAM	17.33	PASS
DC_5A_n78	30	90	649668	1@243	DFT_256QAM	17.05	PASS
DC_5A_n78	30	90	649668	245@0	CP_QPSK	20.11	PASS
DC_5A_n78	30	90	649668	123@61	CP_QPSK	20.5	PASS
DC_5A_n78	30	90	649668	1@1	CP_QPSK	20.19	PASS
DC_5A_n78	30	90	649668	1@243	CP_QPSK	20.88	PASS
DC_5A_n78	30	90	649668	245@0	CP_16QAM	19.04	PASS
DC_5A_n78	30	90	649668	123@61	CP_16QAM	20.01	PASS
DC_5A_n78	30	90	649668	1@1	CP_16QAM	19.45	PASS
DC_5A_n78	30	90	649668	1@243	CP_16QAM	20.1	PASS
DC_5A_n78	30	90	649668	245@0	CP_64QAM	18.52	PASS
DC_5A_n78	30	90	649668	123@61	CP_64QAM	18.52	PASS
DC_5A_n78	30	90	649668	1@1	CP_64QAM	17.83	PASS
DC_5A_n78	30	90	649668	1@243	CP_64QAM	18.55	PASS
DC_5A_n78	30	90	649668	245@0	CP_256QAM	15.56	PASS
DC_5A_n78	30	90	649668	123@61	CP_256QAM	15.58	PASS
DC_5A_n78	30	90	649668	1@1	CP_256QAM	15.11	PASS
DC_5A_n78	30	90	649668	1@243	CP_256QAM	15.82	PASS
DC_5A_n78	30	90	650000	243@0	DFT_BPSK	21.84	PASS
DC_5A_n78	30	90	650000	120@60	DFT_BPSK	22.18	PASS
DC_5A_n78	30	90	650000	1@1	DFT_BPSK	21.64	PASS
DC_5A_n78	30	90	650000	1@243	DFT_BPSK	22.32	PASS
DC_5A_n78	30	90	650000	243@0	DFT_QPSK	21.12	PASS
DC_5A_n78	30	90	650000	120@60	DFT_QPSK	22.16	PASS
DC_5A_n78	30	90	650000	1@1	DFT_QPSK	21.75	PASS
DC_5A_n78	30	90	650000	1@243	DFT_QPSK	22.38	PASS
DC_5A_n78	30	90	650000	243@0	DFT_16QAM	20.13	PASS
DC_5A_n78	30	90	650000	120@60	DFT_16QAM	21.16	PASS
DC_5A_n78	30	90	650000	1@1	DFT_16QAM	20.56	PASS
DC_5A_n78	30	90	650000	1@243	DFT_16QAM	21.17	PASS
DC_5A_n78	30	90	650000	243@0	DFT_64QAM	19.64	PASS
DC_5A_n78	30	90	650000	120@60	DFT_64QAM	19.67	PASS
DC_5A_n78	30	90	650000	1@1	DFT_64QAM	19.11	PASS
DC_5A_n78	30	90	650000	1@243	DFT_64QAM	19.74	PASS



DC_5A_n78	30	90	650000	243@0	DFT_256QAM	17.12	PASS
DC_5A_n78	30	90	650000	120@60	DFT_256QAM	17.06	PASS
DC_5A_n78	30	90	650000	1@1	DFT_256QAM	17.22	PASS
DC_5A_n78	30	90	650000	1@243	DFT_256QAM	17.52	PASS
DC_5A_n78	30	90	650000	245@0	CP_QPSK	19.15	PASS
DC_5A_n78	30	90	650000	123@61	CP_QPSK	20.63	PASS
DC_5A_n78	30	90	650000	1@1	CP_QPSK	20.27	PASS
DC_5A_n78	30	90	650000	1@243	CP_QPSK	20.94	PASS
DC_5A_n78	30	90	650000	245@0	CP_16QAM	19.14	PASS
DC_5A_n78	30	90	650000	123@61	CP_16QAM	20.11	PASS
DC_5A_n78	30	90	650000	1@1	CP_16QAM	19.69	PASS
DC_5A_n78	30	90	650000	1@243	CP_16QAM	20.17	PASS
DC_5A_n78	30	90	650000	245@0	CP_64QAM	18.6	PASS
DC_5A_n78	30	90	650000	123@61	CP_64QAM	18.64	PASS
DC_5A_n78	30	90	650000	1@1	CP_64QAM	17.96	PASS
DC_5A_n78	30	90	650000	1@243	CP_64QAM	18.59	PASS
DC_5A_n78	30	90	650000	245@0	CP_256QAM	15.65	PASS
DC_5A_n78	30	90	650000	123@61	CP_256QAM	15.66	PASS
DC_5A_n78	30	90	650000	1@1	CP_256QAM	15.27	PASS
DC_5A_n78	30	90	650000	1@243	CP_256QAM	15.92	PASS
DC_5A_n78	30	90	650332	243@0	DFT_BPSK	21.62	PASS
DC_5A_n78	30	90	650332	120@60	DFT_BPSK	22.18	PASS
DC_5A_n78	30	90	650332	1@1	DFT_BPSK	21.63	PASS
DC_5A_n78	30	90	650332	1@243	DFT_BPSK	22.3	PASS
DC_5A_n78	30	90	650332	243@0	DFT_QPSK	21.12	PASS
DC_5A_n78	30	90	650332	120@60	DFT_QPSK	22.14	PASS
DC_5A_n78	30	90	650332	1@1	DFT_QPSK	21.7	PASS
DC_5A_n78	30	90	650332	1@243	DFT_QPSK	22.4	PASS
DC_5A_n78	30	90	650332	243@0	DFT_16QAM	20.12	PASS
DC_5A_n78	30	90	650332	120@60	DFT_16QAM	21.13	PASS
DC_5A_n78	30	90	650332	1@1	DFT_16QAM	20.51	PASS
DC_5A_n78	30	90	650332	1@243	DFT_16QAM	21.2	PASS
DC_5A_n78	30	90	650332	243@0	DFT_64QAM	19.65	PASS
DC_5A_n78	30	90	650332	120@60	DFT_64QAM	19.65	PASS
DC_5A_n78	30	90	650332	1@1	DFT_64QAM	19.07	PASS
DC_5A_n78	30	90	650332	1@243	DFT_64QAM	19.76	PASS
DC_5A_n78	30	90	650332	243@0	DFT_256QAM	17.12	PASS
DC_5A_n78	30	90	650332	120@60	DFT_256QAM	17.26	PASS
DC_5A_n78	30	90	650332	1@1	DFT_256QAM	17.14	PASS
DC_5A_n78	30	90	650332	1@243	DFT_256QAM	17.26	PASS
DC_5A_n78	30	90	650332	245@0	CP_QPSK	19.11	PASS
DC_5A_n78	30	90	650332	123@61	CP_QPSK	20.58	PASS
DC_5A_n78	30	90	650332	1@1	CP_QPSK	20.24	PASS
DC_5A_n78	30	90	650332	1@243	CP_QPSK	20.92	PASS
DC_5A_n78	30	90	650332	245@0	CP_16QAM	19.12	PASS
DC_5A_n78	30	90	650332	123@61	CP_16QAM	20.1	PASS
DC_5A_n78	30	90	650332	1@1	CP_16QAM	19.56	PASS
DC_5A_n78	30	90	650332	1@243	CP_16QAM	20.38	PASS
DC_5A_n78	30	90	650332	245@0	CP_64QAM	18.63	PASS
DC_5A_n78	30	90	650332	123@61	CP_64QAM	18.63	PASS
DC_5A_n78	30	90	650332	1@1	CP_64QAM	17.97	PASS



DC_5A_n78	30	90	650332	1@243	CP_64QAM	18.73	PASS
DC_5A_n78	30	90	650332	245@0	CP_256QAM	15.64	PASS
DC_5A_n78	30	90	650332	123@61	CP_256QAM	15.66	PASS
DC_5A_n78	30	90	650332	1@1	CP_256QAM	15.22	PASS
DC_5A_n78	30	90	650332	1@243	CP_256QAM	16.02	PASS
DC_5A_n78	30	100	650000	270@0	DFT_BPSK	21.64	PASS
DC_5A_n78	30	100	650000	135@67	DFT_BPSK	22.15	PASS
DC_5A_n78	30	100	650000	1@1	DFT_BPSK	21.64	PASS
DC_5A_n78	30	100	650000	1@271	DFT_BPSK	22.36	PASS
DC_5A_n78	30	100	650000	270@0	DFT_QPSK	21.16	PASS
DC_5A_n78	30	100	650000	135@67	DFT_QPSK	22.14	PASS
DC_5A_n78	30	100	650000	1@1	DFT_QPSK	21.7	PASS
DC_5A_n78	30	100	650000	1@271	DFT_QPSK	22.42	PASS
DC_5A_n78	30	100	650000	270@0	DFT_16QAM	20.17	PASS
DC_5A_n78	30	100	650000	135@67	DFT_16QAM	21.16	PASS
DC_5A_n78	30	100	650000	1@1	DFT_16QAM	20.49	PASS
DC_5A_n78	30	100	650000	1@271	DFT_16QAM	21.27	PASS
DC_5A_n78	30	100	650000	270@0	DFT_64QAM	19.68	PASS
DC_5A_n78	30	100	650000	135@67	DFT_64QAM	19.67	PASS
DC_5A_n78	30	100	650000	1@1	DFT_64QAM	19.12	PASS
DC_5A_n78	30	100	650000	1@271	DFT_64QAM	19.87	PASS
DC_5A_n78	30	100	650000	270@0	DFT_256QAM	17.12	PASS
DC_5A_n78	30	100	650000	135@67	DFT_256QAM	17.08	PASS
DC_5A_n78	30	100	650000	1@1	DFT_256QAM	17.36	PASS
DC_5A_n78	30	100	650000	1@271	DFT_256QAM	17.12	PASS
DC_5A_n78	30	100	650000	273@0	CP_QPSK	19.19	PASS
DC_5A_n78	30	100	650000	137@68	CP_QPSK	20.56	PASS
DC_5A_n78	30	100	650000	1@1	CP_QPSK	20.25	PASS
DC_5A_n78	30	100	650000	1@271	CP_QPSK	21.04	PASS
DC_5A_n78	30	100	650000	273@0	CP_16QAM	19.14	PASS
DC_5A_n78	30	100	650000	137@68	CP_16QAM	20.12	PASS
DC_5A_n78	30	100	650000	1@1	CP_16QAM	19.57	PASS
DC_5A_n78	30	100	650000	1@271	CP_16QAM	20.24	PASS
DC_5A_n78	30	100	650000	273@0	CP_64QAM	18.63	PASS
DC_5A_n78	30	100	650000	137@68	CP_64QAM	18.59	PASS
DC_5A_n78	30	100	650000	1@1	CP_64QAM	17.93	PASS
DC_5A_n78	30	100	650000	1@271	CP_64QAM	18.69	PASS
DC_5A_n78	30	100	650000	273@0	CP_256QAM	15.72	PASS
DC_5A_n78	30	100	650000	137@68	CP_256QAM	15.71	PASS
DC_5A_n78	30	100	650000	1@1	CP_256QAM	15.21	PASS
DC_5A_n78	30	100	650000	1@271	CP_256QAM	15.96	PASS



10.2 Tune up Power

Mode	GSM850	GSM1900
GSM	33±1dBm	30.5±1dBm
GPRS (1 Slot)	33±1dBm	30.5±1dBm
GPRS (2 Slot)	32.5±1dBm	29.5±1dBm
GPRS (3 Slot)	31±1dBm	27±1dBm
GPRS (4 Slot)	30±1dBm	26±1dBm

Mode	WCDMA Band II	WCDMA Band V	WCDMA Band IV
RMC	23.5±1dBm	23.5±1dBm	23.5±1dBm
HSDPA Subtest-1	22.5±1dBm	22.5±1dBm	22.5±1dBm
HSDPA Subtest-2	22±1dBm	22±1dBm	22±1dBm
HSDPA Subtest-3	21±1dBm	21.5±1dBm	21±1dBm
HSDPA Subtest-4	21±1dBm	21.5±1dBm	21±1dBm
HSUPA Subtest-1	22.5±1dBm	22.5±1dBm	22±1dBm
HSUPA Subtest-2	22.5±1dBm	22.5±1dBm	22.5±1dBm
HSUPA Subtest-3	21.5±1dBm	21.5±1dBm	21±1dBm
HSUPA Subtest-4	22.5±1dBm	22.5±1dBm	22.5±1dBm
HSUPA Subtest-5	22±1dBm	22±1dBm	22±1dBm

Mode	CDMA
CDMA BC0	21.5±1dBm
CDMA BC1	21±1dBm



BW[MHz]	RB Size	Mode	Band 2	Band 4	Band 5	Band 7	Band 12
1.4	1	QPSK	22±1dBm	23±1dBm	23.5±1dBm	N/A	23.5±1dBm
1.4	3		23±1dBm	23±1dBm	23.5±1dBm	N/A	23.5±1dBm
1.4	6		22±1dBm	22±1dBm	22.5±1dBm	N/A	22.5±1dBm
1.4	1	16- QAM	22.5±1dBm	22.5±1dBm	22.5±1dBm	N/A	22.5±1dBm
1.4	3		22±1dBm	22.5±1dBm	22.5±1dBm	N/A	22.5±1dBm
1.4	6		21±1dBm	21.5±1dBm	21.5±1dBm	N/A	21.5±1dBm
3	1	QPSK	23±1dBm	23±1dBm	23.5±1dBm	N/A	23.5±1dBm
3	8		22±1dBm	22±1dBm	22.5±1dBm	N/A	22.5±1dBm
3	15		22±1dBm	22±1dBm	22.5±1dBm	N/A	22.5±1dBm
3	1	16- QAM	22.5±1dBm	22.5±1dBm	23±1dBm	N/A	23±1dBm
3	8		21±1dBm	21±1dBm	21.5±1dBm	N/A	21.5±1dBm
3	15		21±1dBm	21±1dBm	21.5±1dBm	N/A	21.5±1dBm
5	1	QPSK	23±1dBm	23.5±1dBm	23.5±1dBm	23±1dBm	23.5±1dBm
5	12		22±1dBm	22.5±1dBm	22.5±1dBm	22±1dBm	22.5±1dBm
5	25		22±1dBm	22.5±1dBm	22.5±1dBm	22±1dBm	22.5±1dBm
5	1	16- QAM	22.5±1dBm	23±1dBm	23±1dBm	22.5±1dBm	23±1dBm
5	12		21±1dBm	21.5±1dBm	21.5±1dBm	21±1dBm	21.5±1dBm
5	25		21±1dBm	21.5±1dBm	21.5±1dBm	21±1dBm	21.5±1dBm
10	1	QPSK	23±1dBm	23.5±1dBm	23.5±1dBm	23±1dBm	23.5±1dBm
10	25		22±1dBm	22.5±1dBm	22.5±1dBm	22±1dBm	22.5±1dBm
10	50		22±1dBm	22.5±1dBm	22.5±1dBm	22±1dBm	22.5±1dBm
10	1	16- QAM	22.5±1dBm	22.5±1dBm	23±1dBm	22.5±1dBm	23±1dBm
10	25		21±1dBm	21.5±1dBm	21.5±1dBm	21±1dBm	21.5±1dBm
10	50		21±1dBm	21±1dBm	21.5±1dBm	21±1dBm	21.5±1dBm
15	1	QPSK	23±1dBm	23.5±1dBm	N/A	23.5±1dBm	N/A
15	36		22±1dBm	22.5±1dBm	N/A	22±1dBm	N/A
15	75		22±1dBm	22.5±1dBm	N/A	22±1dBm	N/A
15	1	16- QAM	22.5±1dBm	22.5±1dBm	N/A	22.5±1dBm	N/A
15	36		21±1dBm	21.5±1dBm	N/A	21±1dBm	N/A
15	75		21±1dBm	21.5±1dBm	N/A	21±1dBm	N/A
20	1	QPSK	23±1dBm	23.5±1dBm	N/A	23.5±1dBm	N/A
20	50		22±1dBm	22.5±1dBm	N/A	22±1dBm	N/A
20	100		22±1dBm	22.5±1dBm	N/A	22±1dBm	N/A
20	1	16- QAM	22.5±1dBm	23±1dBm	N/A	22.5±1dBm	N/A
20	50		21±1dBm	21.5±1dBm	N/A	21.5±1dBm	N/A
20	100		21±1dBm	21.5±1dBm	N/A	21±1dBm	N/A



BW[MHz]	RB Size	Mode	Band 13	Band 17	Band 25	Band 26	Band 26
1.4	1	QPSK	N/A	N/A	23±1dBm	23.5±1dBm	23.5±1dBm
1.4	3		N/A	N/A	23±1dBm	23.5±1dBm	23.5±1dBm
1.4	6		N/A	N/A	22±1dBm	22.5±1dBm	22.5±1dBm
1.4	1	16- QAM	N/A	N/A	22.5±1dBm	23±1dBm	22.5±1dBm
1.4	3		N/A	N/A	22.5±1dBm	22.5±1dBm	22.5±1dBm
1.4	6		N/A	N/A	21±1dBm	21.5±1dBm	21.5±1dBm
3	1	QPSK	N/A	N/A	23±1dBm	23.5±1dBm	23.5±1dBm
3	8		N/A	N/A	22±1dBm	22.5±1dBm	22.5±1dBm
3	15		N/A	N/A	22±1dBm	22.5±1dBm	22.5±1dBm
3	1	16- QAM	N/A	N/A	22.5±1dBm	22.5±1dBm	22.5±1dBm
3	8		N/A	N/A	21±1dBm	21.5±1dBm	21.5±1dBm
3	15		N/A	N/A	21±1dBm	21.5±1dBm	21.5±1dBm
5	1	QPSK	23.5±1dBm	23.5±1dBm	23±1dBm	23.5±1dBm	23.5±1dBm
5	12		22.5±1dBm	22.5±1dBm	22±1dBm	22.5±1dBm	22.5±1dBm
5	25		22.5±1dBm	22.5±1dBm	22±1dBm	22.5±1dBm	22.5±1dBm
5	1	16- QAM	23±1dBm	23±1dBm	22.5±1dBm	23±1dBm	23±1dBm
5	12		21.5±1dBm	21.5±1dBm	21±1dBm	21.5±1dBm	21.5±1dBm
5	25		21.5±1dBm	21.5±1dBm	21±1dBm	21.5±1dBm	21.5±1dBm
10	1	QPSK	23.5±1dBm	23.5±1dBm	23±1dBm	23.5±1dBm	23.5±1dBm
10	25		22.5±1dBm	22.5±1dBm	22±1dBm	23.5±1dBm	22.5±1dBm
10	50		22.5±1dBm	22.5±1dBm	22±1dBm	22.5±1dBm	22.5±1dBm
10	1	16- QAM	22.5±1dBm	23±1dBm	22.5±1dBm	22.5±1dBm	23±1dBm
10	25		21.5±1dBm	21.5±1dBm	21±1dBm	22.5±1dBm	21.5±1dBm
10	50		21±1dBm	21.5±1dBm	21±1dBm	21.5±1dBm	21.5±1dBm
15	1	QPSK	N/A	N/A	23±1dBm	N/A	23.5±1dBm
15	36		N/A	N/A	22±1dBm	N/A	22.5±1dBm
15	75		N/A	N/A	22±1dBm	N/A	22.5±1dBm
15	1	16- QAM	N/A	N/A	22.5±1dBm	N/A	23±1dBm
15	36		N/A	N/A	21.5±1dBm	N/A	21.5±1dBm
15	75		N/A	N/A	21±1dBm	N/A	21.5±1dBm
20	1	QPSK	N/A	N/A	23.5±1dBm	N/A	N/A
20	50		N/A	N/A	22.5±1dBm	N/A	N/A
20	100		N/A	N/A	22±1dBm	N/A	N/A
20	1	16- QAM	N/A	N/A	22.5±1dBm	N/A	N/A
20	50		N/A	N/A	21.5±1dBm	N/A	N/A
20	100		N/A	N/A	21±1dBm	N/A	N/A



BW[MHz]	RB Size	Mode	Band 38	Band 40 (2305-2315)	Band 40 (2350-2360)	Band 41	Band 66
1.4	1	QPSK	N/A	N/A	N/A	N/A	23±1dBm
1.4	3		N/A	N/A	N/A	N/A	23±1dBm
1.4	6		N/A	N/A	N/A	N/A	22±1dBm
1.4	1	16- QAM	N/A	N/A	N/A	N/A	22.5±1dBm
1.4	3		N/A	N/A	N/A	N/A	22.5±1dBm
1.4	6		N/A	N/A	N/A	N/A	21.5±1dBm
3	1	QPSK	N/A	N/A	N/A	N/A	23±1dBm
3	8		N/A	N/A	N/A	N/A	22±1dBm
3	15		N/A	N/A	N/A	N/A	22±1dBm
3	1	16- QAM	N/A	N/A	N/A	N/A	22.5±1dBm
3	8		N/A	N/A	N/A	N/A	21±1dBm
3	15		N/A	N/A	N/A	N/A	21±1dBm
5	1	QPSK	20.5±1dBm	9.5±1dBm	9±1dBm	15.5±1dBm	23.5±1dBm
5	12		20.5±1dBm	7.5±1dBm	7±1dBm	15.5±1dBm	22.5±1dBm
5	25		20.5±1dBm	7.5±1dBm	7±1dBm	15.5±1dBm	22.5±1dBm
5	1	16- QAM	20.5±1dBm	8±1dBm	8±1dBm	15.5±1dBm	22.5±1dBm
5	12		20.5±1dBm	6.5±1dBm	6±1dBm	15.5±1dBm	21.5±1dBm
5	25		20±1dBm	6.5±1dBm	6±1dBm	15.5±1dBm	21.5±1dBm
10	1	QPSK	20.5±1dBm	9.5±1dBm	9±1dBm	15.5±1dBm	23.5±1dBm
10	25		20±1dBm	7.5±1dBm	7±1dBm	15.±1dBm	22.5±1dBm
10	50		20±1dBm	7.5±1dBm	7±1dBm	15.5±1dBm	22.5±1dBm
10	1	16- QAM	20.5±1dBm	8±1dBm	7.5±1dBm	15.5±1dBm	22.5±1dBm
10	25		20.5±1dBm	6.5±1dBm	6±1dBm	15.5±1dBm	21.5±1dBm
10	50		20±1dBm	6.5±1dBm	6±1dBm	15.5±1dBm	21.5±1dBm
15	1	QPSK	20.5±1dBm	N/A	N/A	15.5±1dBm	23.5±1dBm
15	36		20.5±1dBm	N/A	N/A	15.5±1dBm	22.5±1dBm
15	75		20±1dBm	N/A	N/A	15.5±1dBm	22.5±1dBm
15	1	16- QAM	20.5±1dBm	N/A	N/A	15.5±1dBm	22.5±1dBm
15	36		20.±1dBm	N/A	N/A	15.5±1dBm	21.5±1dBm
15	75		20±1dBm	N/A	N/A	15.5±1dBm	21±1dBm
20	1	QPSK	21±1dBm	N/A	N/A	16±1dBm	23.5±1dBm
20	50		20.5±1dBm	N/A	N/A	15.5±1dBm	22±1dBm
20	100		20±1dBm	N/A	N/A	15.5±1dBm	22.5±1dBm
20	1	16- QAM	20.5±1dBm	N/A	N/A	15.5±1dBm	23±1dBm
20	50		20.5±1dBm	N/A	N/A	15.5±1dBm	21±1dBm
20	100		20.5±1dBm	N/A	N/A	15.5±1dBm	21.5±1dBm



Mode	BT
GFSK	1±1dBm
$\pi/4$ -DQPSK	0.5±1dBm
8DPSK	0.5±1dBm

Mode	BLE
GFSK(1Mbps)	1±1dBm
GFSK(2Mbps)	0.5±1dBm

Mode	NFC
NFC	-41±1dBm

Mode	2.4G WLAN ANT 1	2.4G WLAN ANT 2	2.4G WLAN MIMO
802.11b	14.5±1dBm	13.5±1dBm	N/A
802.11g	14±1dBm	13±1dBm	N/A
802.11n(HT20)	13±1dBm	12±1dBm	13±1dBm
802.11n(HT40)	13±1dBm	12±1dBm	12.5±1dBm
802.11ax-HE20	13±1dBm	12±1dBm	13.5±1dBm
802.11ac-VHT40	12.5±1dBm	11.5±1dBm	13.5±1dBm

Mode	5.2G WLAN ANT 1	5.2G WLAN ANT 2	5.2G WLAN MIMO
802.11a	12.5±1dBm	15±1dBm	N/A
802.11n-HT20	11±1dBm	13±1dBm	13.5±1dBm
802.11n-HT40	11±1dBm	13.5±1dBm	13±1dBm
802.11ac-VHT20	11±1dBm	13±1dBm	12±1dBm
802.11ac-VHT40	11±1dBm	13±1dBm	13±1dBm
802.11ac-VHT80	10.5±1dBm	12±1dBm	12±1dBm
802.11ax-VHT20	11±1dBm	13±1dBm	12±1dBm
802.11ax-VHT40	11.5±1dBm	13±1dBm	11.5±1dBm
802.11ax-VHT80	10.5±1dBm	12.5±1dBm	12±1dBm

Mode	5.3G WLAN ANT 1	5.3G WLAN ANT 2	5.3G WLAN MIMO
802.11a	12.5±1dBm	15±1dBm	N/A
802.11n-HT20	11.5±1dBm	13.5±1dBm	13.5±1dBm
802.11n-HT40	11.5±1dBm	13.5±1dBm	13±1dBm
802.11ac-VHT20	11.5±1dBm	13.5±1dBm	12.5±1dBm
802.11ac-VHT40	11.5±1dBm	13±1dBm	13±1dBm
802.11ac-VHT80	11±1dBm	12.5±1dBm	12±1dBm
802.11ax-VHT20	11.5±1dBm	13.5±1dBm	12.5±1dBm
802.11ax-VHT40	11.5±1dBm	13±1dBm	12.5±1dBm
802.11ax-VHT80	11±1dBm	13±1dBm	2±1dBm



Mode	5.6G WLAN ANT 1	5.6G WLAN ANT 2	5.6G WLAN MIMO
802.11a	14.5±1dBm	14±1dBm	N/A
802.11n-HT20	13.5±1dBm	11.5±1dBm	13.5±1dBm
802.11n-HT40	11.5±1dBm	11.5±1dBm	12±1dBm
802.11ac-VHT20	12±1dBm	11.5±1dBm	11.5±1dBm
802.11ac-VHT40	11.5±1dBm	11.5±1dBm	11.5±1dBm
802.11ac-VHT80	11.5±1dBm	11±1dBm	12±1dBm
802.11ax-VHT20	11.5±1dBm	11.5±1dBm	11.5±1dBm
802.11ax-VHT40	12±1dBm	11.5±1dBm	11±1dBm
802.11ax-VHT80	11.5±1dBm	11±1dBm	12.5±1dBm

Mode	5.8G WLAN ANT 1	5.8G WLAN ANT 2	5.8G WLAN MIMO
802.11a	15±1dBm	13.5±1dBm	N/A
802.11n-HT20	13.5±1dBm	11.5±1dBm	12±1dBm
802.11n-HT40	11.5±1dBm	11±1dBm	12.5±1dBm
802.11ac-VHT20	11.5±1dBm	11±1dBm	13±1dBm
802.11ac-VHT40	11.5±1dBm	11±1dBm	12.5±1dBm
802.11ac-VHT80	11.5±1dBm	11±1dBm	11.5±1dBm
802.11ax-VHT20	11.5±1dBm	11.5±1dBm	13±1dBm
802.11ax-VHT40	12±1dBm	11±1dBm	12.5±1dBm
802.11ax-VHT80	11.5±1dBm	11±1dBm	11.5±1dBm



BW[MHz]	Mode	SA N2	SA N5	SA N7	SA N25
5	DFT_BPSK	22±1dBm	22±1dBm	22.3±1dBm	22±1dBm
5	DFT_QPSK	22±1dBm	22±1dBm	22.3±1dBm	22±1dBm
5	DFT_QAM16	21.5±1dBm	21.5±1dBm	22±1dBm	21.5±1dBm
5	DFT_QAM64	20±1dBm	20±1dBm	20.5±1dBm	20±1dBm
5	DFT_QAM256	17.5±1dBm	18±1dBm	18±1dBm	18±1dBm
5	CP_QPSK	20.5±1dBm	20.5±1dBm	21±1dBm	20.5±1dBm
10	DFT_BPSK	22±1dBm	22±1dBm	22.3±1dBm	22±1dBm
10	DFT_QPSK	22±1dBm	22±1dBm	22.3±1dBm	22±1dBm
10	DFT_QAM16	21.5±1dBm	21.5±1dBm	22±1dBm	21.5±1dBm
10	DFT_QAM64	20±1dBm	20±1dBm	20.5±1dBm	20±1dBm
10	DFT_QAM256	17.5±1dBm	18±1dBm	18±1dBm	18±1dBm
10	CP_QPSK	20.5±1dBm	20.5±1dBm	21±1dBm	20.5±1dBm
15	DFT_BPSK	22±1dBm	22±1dBm	22.3±1dBm	22±1dBm
15	DFT_QPSK	22±1dBm	22±1dBm	22.3±1dBm	22±1dBm
15	DFT_QAM16	21.5±1dBm	21.5±1dBm	22±1dBm	21.5±1dBm
15	DFT_QAM64	20±1dBm	20±1dBm	20.5±1dBm	20±1dBm
15	DFT_QAM256	17.5±1dBm	18±1dBm	18±1dBm	18±1dBm
15	CP_QPSK	20.5±1dBm	20.5±1dBm	21±1dBm	20.5±1dBm
20	DFT_BPSK	22.3±1dBm	22.3±1dBm	22.5±1dBm	22±1dBm
20	DFT_QPSK	22±1dBm	22±1dBm	22.3±1dBm	22±1dBm
20	DFT_QAM16	21.5±1dBm	21.5±1dBm	22±1dBm	21.5±1dBm
20	DFT_QAM64	20±1dBm	20±1dBm	20.5±1dBm	20±1dBm
20	DFT_QAM256	17.5±1dBm	18±1dBm	18±1dBm	18±1dBm
20	CP_QPSK	20.5±1dBm	20.5±1dBm	21±1dBm	20.5±1dBm



BW[MHz]	Mode	SA N38	SA N41	SA N66
5	DFT_BPSK	/	/	22.5±1dBm
5	DFT_QPSK	/	/	22.5±1dBm
5	DFT_QAM16	/	/	22±1dBm
5	DFT_QAM64	/	/	20.5±1dBm
5	DFT_QAM256	/	/	18±1dBm
5	CP_QPSK	/	/	21±1dBm
10	DFT_BPSK	22.3±1dBm	22±1dBm	22.5±1dBm
10	DFT_QPSK	22.3±1dBm	22±1dBm	22.5±1dBm
10	DFT_QAM16	21.5±1dBm	21±1dBm	22±1dBm
10	DFT_QAM64	20±1dBm	19.5±1dBm	20.5±1dBm
10	DFT_QAM256	18±1dBm	17.5±1dBm	18±1dBm
10	CP_QPSK	21±1dBm	20.5±1dBm	21±1dBm
15	DFT_BPSK	22.3±1dBm	22±1dBm	22.5±1dBm
15	DFT_QPSK	22.3±1dBm	22±1dBm	22.5±1dBm
15	DFT_QAM16	21.5±1dBm	21±1dBm	22±1dBm
15	DFT_QAM64	20±1dBm	19.5±1dBm	20.5±1dBm
15	DFT_QAM256	18±1dBm	17.5±1dBm	18±1dBm
15	CP_QPSK	21±1dBm	20.5±1dBm	21±1dBm
20	DFT_BPSK	22.3±1dBm	22±1dBm	22.5±1dBm
20	DFT_QPSK	22.3±1dBm	22±1dBm	22.5±1dBm
20	DFT_QAM16	21.5±1dBm	21±1dBm	22±1dBm
20	DFT_QAM64	20±1dBm	19.5±1dBm	20.5±1dBm
20	DFT_QAM256	18±1dBm	17.5±1dBm	18±1dBm
20	CP_QPSK	21±1dBm	20.5±1dBm	21±1dBm
25	DFT_BPSK	/	/	22.5±1dBm
25	DFT_QPSK	/	/	22.5±1dBm
25	DFT_QAM16	/	/	22±1dBm
25	DFT_QAM64	/	/	20.5±1dBm
25	DFT_QAM256	/	/	18±1dBm
25	CP_QPSK	/	/	21±1dBm
30	DFT_BPSK	/	22±1dBm	22.5±1dBm
30	DFT_QPSK	/	22±1dBm	22.5±1dBm
30	DFT_QAM16	/	21±1dBm	22±1dBm
30	DFT_QAM64	/	19.5±1dBm	20.5±1dBm
30	DFT_QAM256	/	17.5±1dBm	18±1dBm
30	CP_QPSK	/	20.5±1dBm	21±1dBm
40	DFT_BPSK	22.3±1dBm	22±1dBm	22.7±1dBm
40	DFT_QPSK	22.5±1dBm	22±1dBm	22.5±1dBm
40	DFT_QAM16	21.5±1dBm	21±1dBm	22±1dBm
40	DFT_QAM64	20±1dBm	19.5±1dBm	20.5±1dBm
40	DFT_QAM256	18±1dBm	17.5±1dBm	18±1dBm
40	CP_QPSK	21±1dBm	20.5±1dBm	21±1dBm
50	DFT_BPSK	/	22±1dBm	/
50	DFT_QPSK	/	22±1dBm	/
50	DFT_QAM16	/	21±1dBm	/
50	DFT_QAM64	/	19.5±1dBm	/
50	DFT_QAM256	/	17.5±1dBm	/



50	CP_QPSK	/	20.5±1dBm	/
60	DFT_BPSK	/	22±1dBm	/
60	DFT_QPSK	/	22±1dBm	/
60	DFT_QAM16	/	21±1dBm	/
60	DFT_QAM64	/	19.5±1dBm	/
60	DFT_QAM256	/	17.5±1dBm	/
60	CP_QPSK	/	20.5±1dBm	/
80	DFT_BPSK	/	22±1dBm	/
80	DFT_QPSK	/	22±1dBm	/
80	DFT_QAM16	/	21±1dBm	/
80	DFT_QAM64	/	19.5±1dBm	/
80	DFT_QAM256	/	17.5±1dBm	/
80	CP_QPSK	/	20.5±1dBm	/
90	DFT_BPSK	/	22±1dBm	/
90	DFT_QPSK	/	22±1dBm	/
90	DFT_QAM16	/	21±1dBm	/
90	DFT_QAM64	/	19.5±1dBm	/
90	DFT_QAM256	/	17.5±1dBm	/
90	CP_QPSK	/	20.5±1dBm	/
100	DFT_BPSK	/	22.2±1dBm	/
100	DFT_QPSK	/	22±1dBm	/
100	DFT_QAM16	/	21±1dBm	/
100	DFT_QAM64	/	19.5±1dBm	/
100	DFT_QAM256	/	17.5±1dBm	/
100	CP_QPSK	/	20.5±1dBm	/



BW[MHz]	Mode	SA N77(3450-3550)	SA N77(3700-3980)	SA N78(3450-3550)	SA N77(3700-3800)
10	DFT_BPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
10	DFT_QPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
10	DFT_QAM16	20.5±1dBm	20.5±1dBm	20±1dBm	20.5±1dBm
10	DFT_QAM64	19±1dBm	19.5±1dBm	19±1dBm	19±1dBm
10	DFT_QAM256	17±1dBm	17±1dBm	17±1dBm	17±1dBm
10	CP_QPSK	20±1dBm	20±1dBm	20±1dBm	20±1dBm
15	DFT_BPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
15	DFT_QPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
15	DFT_QAM16	20.5±1dBm	20.5±1dBm	20±1dBm	20.5±1dBm
15	DFT_QAM64	19±1dBm	19.5±1dBm	19±1dBm	19±1dBm
15	DFT_QAM256	17±1dBm	17±1dBm	17±1dBm	17±1dBm
15	CP_QPSK	20±1dBm	20±1dBm	20±1dBm	20±1dBm
20	DFT_BPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
20	DFT_QPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
20	DFT_QAM16	20.5±1dBm	20.5±1dBm	20±1dBm	20.5±1dBm
20	DFT_QAM64	19±1dBm	19.5±1dBm	19±1dBm	19±1dBm
20	DFT_QAM256	17±1dBm	17±1dBm	17±1dBm	17±1dBm
20	CP_QPSK	20±1dBm	20±1dBm	20±1dBm	20±1dBm
40	DFT_BPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
40	DFT_QPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
40	DFT_QAM16	20.5±1dBm	20.5±1dBm	20±1dBm	20.5±1dBm
40	DFT_QAM64	19±1dBm	19.5±1dBm	19±1dBm	19±1dBm
40	DFT_QAM256	17±1dBm	17±1dBm	17±1dBm	17±1dBm
40	CP_QPSK	20±1dBm	20±1dBm	20±1dBm	20±1dBm
50	DFT_BPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
50	DFT_QPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
50	DFT_QAM16	20.5±1dBm	20.5±1dBm	20±1dBm	20.5±1dBm
50	DFT_QAM64	19±1dBm	19.5±1dBm	19±1dBm	19±1dBm
50	DFT_QAM256	17±1dBm	17±1dBm	17±1dBm	17±1dBm
50	CP_QPSK	20±1dBm	20±1dBm	20±1dBm	20±1dBm
60	DFT_BPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
60	DFT_QPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
60	DFT_QAM16	20.5±1dBm	20.5±1dBm	20±1dBm	20.5±1dBm
60	DFT_QAM64	19±1dBm	19.5±1dBm	19±1dBm	19±1dBm
60	DFT_QAM256	17±1dBm	17±1dBm	17±1dBm	17±1dBm
60	CP_QPSK	20±1dBm	20±1dBm	20±1dBm	20±1dBm
70	DFT_BPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
70	DFT_QPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
70	DFT_QAM16	20.5±1dBm	20.5±1dBm	20±1dBm	20.5±1dBm
70	DFT_QAM64	19±1dBm	19.5±1dBm	19±1dBm	19±1dBm
70	DFT_QAM256	17±1dBm	17±1dBm	17±1dBm	17±1dBm
70	CP_QPSK	20±1dBm	20±1dBm	20±1dBm	20±1dBm
80	DFT_BPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
80	DFT_QPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
80	DFT_QAM16	20.5±1dBm	20.5±1dBm	20±1dBm	20.5±1dBm
80	DFT_QAM64	19±1dBm	19.5±1dBm	19±1dBm	19±1dBm



80	DFT_QAM256	17±1dBm	17±1dBm	17±1dBm	17±1dBm
80	CP_QPSK	20±1dBm	20±1dBm	20±1dBm	20±1dBm
90	DFT_BPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
90	DFT_QPSK	21.2±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm
90	DFT_QAM16	20.5±1dBm	20.5±1dBm	20±1dBm	20.5±1dBm
90	DFT_QAM64	19±1dBm	19.5±1dBm	19±1dBm	19±1dBm
90	DFT_QAM256	17±1dBm	17±1dBm	17±1dBm	17±1dBm
90	CP_QPSK	20±1dBm	20±1dBm	20±1dBm	20±1dBm
100	DFT_BPSK	22.5±1dBm	21.5±1dBm	22.5±1dBm	21.5±1dBm
100	DFT_QPSK	22.5±1dBm	22±1dBm	23±1dBm	21.5±1dBm
100	DFT_QAM16	20.5±1dBm	20.5±1dBm	22±1dBm	20.5±1dBm
100	DFT_QAM64	19±1dBm	19.5±1dBm	20.5±1dBm	19±1dBm
100	DFT_QAM256	17±1dBm	17±1dBm	18.5±1dBm	17±1dBm
100	CP_QPSK	20±1dBm	20±1dBm	21.5±1dBm	20±1dBm



BW[MHz]	Mode	NSA N78+B5	NSA N78+B5
10	DFT_BPSK	21.3±1dBm	21.5±1dBm
10	DFT_QPSK	21.3±1dBm	21.5±1dBm
10	DFT_QAM16	20.5±1dBm	20.5±1dBm
10	DFT_QAM64	19±1dBm	19±1dBm
10	DFT_QAM256	17±1dBm	17±1dBm
10	CP_QPSK	20±1dBm	20.5±1dBm
15	DFT_BPSK	21.3±1dBm	21.5±1dBm
15	DFT_QPSK	21.3±1dBm	21.5±1dBm
15	DFT_QAM16	20.5±1dBm	20.5±1dBm
15	DFT_QAM64	19±1dBm	19±1dBm
15	DFT_QAM256	17±1dBm	17±1dBm
15	CP_QPSK	20±1dBm	20.5±1dBm
20	DFT_BPSK	21.3±1dBm	21.5±1dBm
20	DFT_QPSK	21.3±1dBm	21.5±1dBm
20	DFT_QAM16	20.5±1dBm	20.5±1dBm
20	DFT_QAM64	19±1dBm	19±1dBm
20	DFT_QAM256	17±1dBm	17±1dBm
20	CP_QPSK	20±1dBm	20.5±1dBm
40	DFT_BPSK	21.3±1dBm	21.5±1dBm
40	DFT_QPSK	21.3±1dBm	21.5±1dBm
40	DFT_QAM16	20.5±1dBm	20.5±1dBm
40	DFT_QAM64	19±1dBm	19±1dBm
40	DFT_QAM256	17±1dBm	17±1dBm
40	CP_QPSK	20±1dBm	20.5±1dBm
50	DFT_BPSK	21.3±1dBm	21.5±1dBm
50	DFT_QPSK	21.3±1dBm	21.5±1dBm
50	DFT_QAM16	20.5±1dBm	20.5±1dBm
50	DFT_QAM64	19±1dBm	19±1dBm
50	DFT_QAM256	17±1dBm	17±1dBm
50	CP_QPSK	20±1dBm	20.5±1dBm
60	DFT_BPSK	21.3±1dBm	21.5±1dBm
60	DFT_QPSK	21.3±1dBm	21.5±1dBm
60	DFT_QAM16	20.5±1dBm	20.5±1dBm
60	DFT_QAM64	19±1dBm	19±1dBm
60	DFT_QAM256	17±1dBm	17±1dBm
60	CP_QPSK	20±1dBm	20.5±1dBm
70	DFT_BPSK	21.3±1dBm	21.5±1dBm
70	DFT_QPSK	21.3±1dBm	21.5±1dBm
70	DFT_QAM16	20.5±1dBm	20.5±1dBm
70	DFT_QAM64	19±1dBm	19±1dBm
70	DFT_QAM256	17±1dBm	17±1dBm
70	CP_QPSK	20±1dBm	20.5±1dBm
80	DFT_BPSK	21.3±1dBm	21.5±1dBm
80	DFT_QPSK	21.3±1dBm	21.5±1dBm
80	DFT_QAM16	20.5±1dBm	20.5±1dBm
80	DFT_QAM64	19±1dBm	19±1dBm
80	DFT_QAM256	17±1dBm	17±1dBm



80	CP_QPSK	20±1dBm	20.5±1dBm
90	DFT_BPSK	21.3±1dBm	21.5±1dBm
90	DFT_QPSK	21.3±1dBm	21.5±1dBm
90	DFT_QAM16	20.5±1dBm	20.5±1dBm
90	DFT_QAM64	19±1dBm	19±1dBm
90	DFT_QAM256	17±1dBm	17±1dBm
90	CP_QPSK	20±1dBm	20.5±1dBm
100	DFT_BPSK	21.5±1dBm	21.5±1dBm
100	DFT_QPSK	21.3±1dBm	21.6±1dBm
100	DFT_QAM16	20.5±1dBm	20.5±1dBm
100	DFT_QAM64	19±1dBm	19±1dBm
100	DFT_QAM256	17±1dBm	17±1dBm
100	CP_QPSK	20±1dBm	20.5±1dBm



11. EUT and Test Setup Photo

11.1 EUT Photos

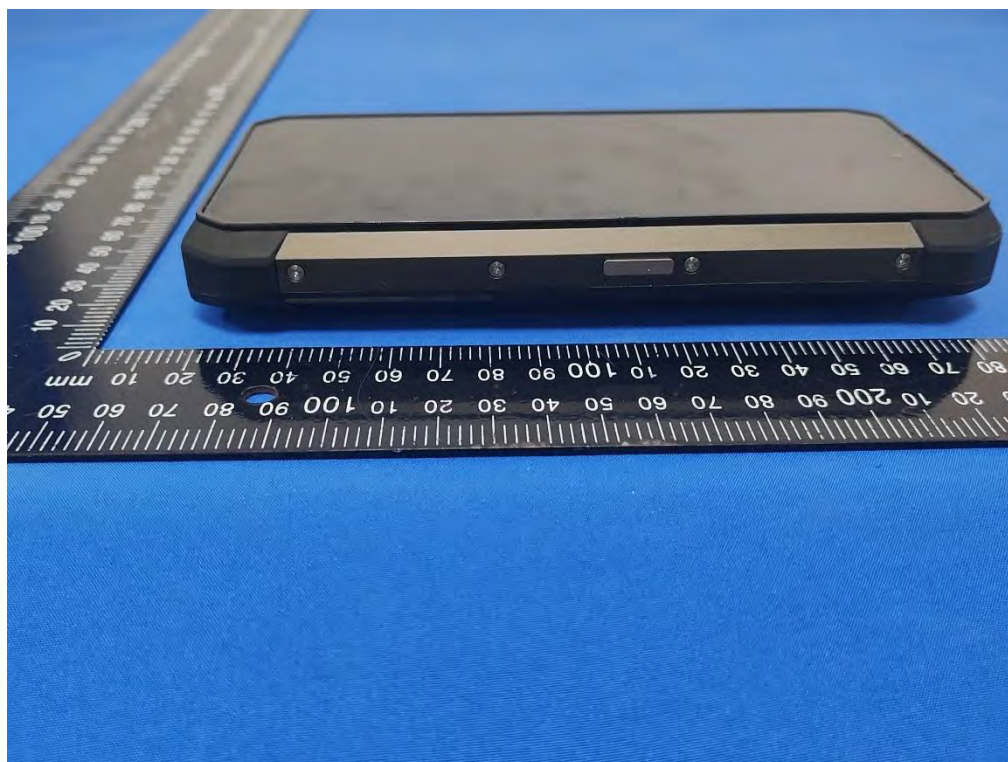
Front side



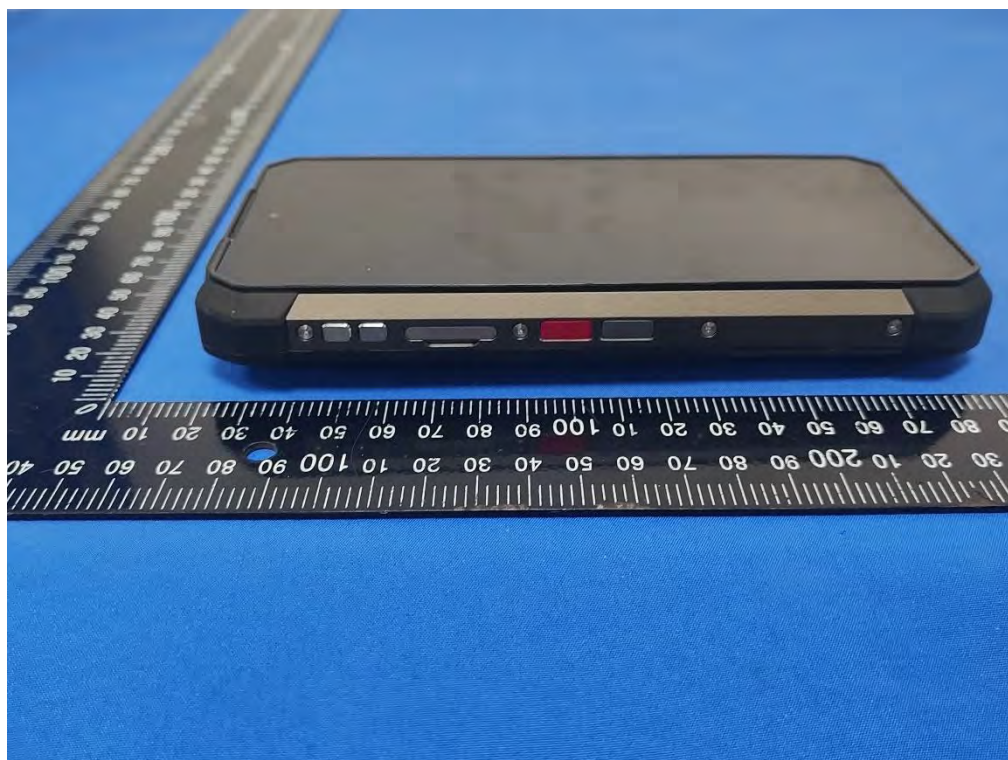
Back side



Right Edge



Left Edge





Top Edge



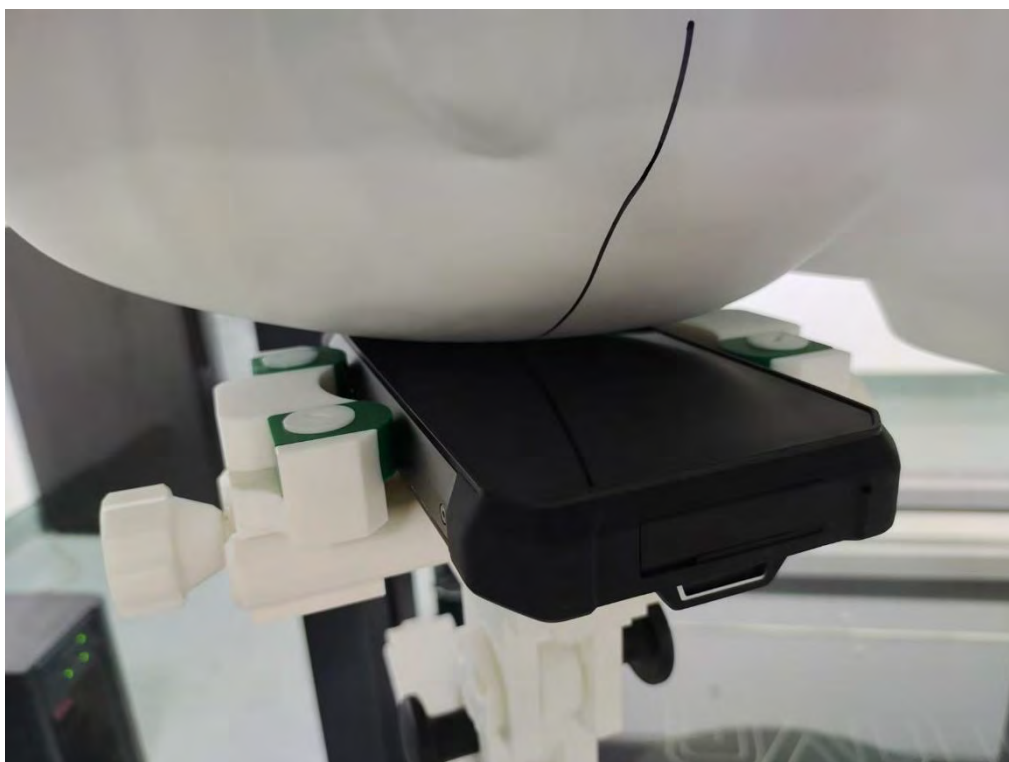
Bottom Edge





11.2 Setup Photos

Right Touch

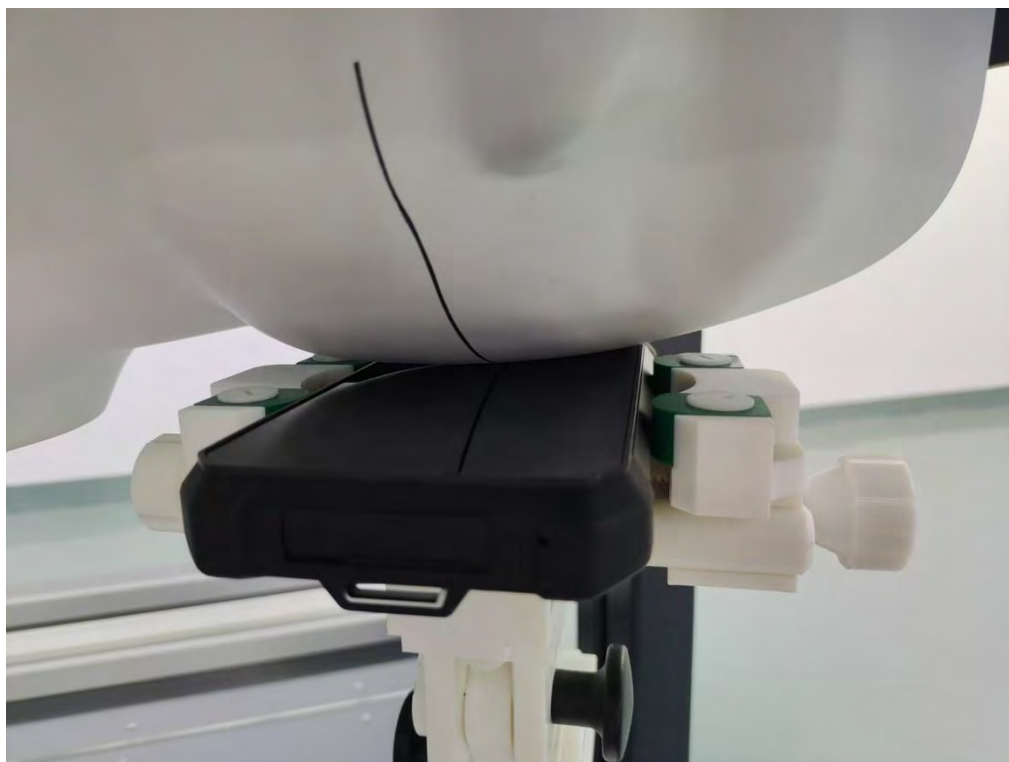


Right Tilt

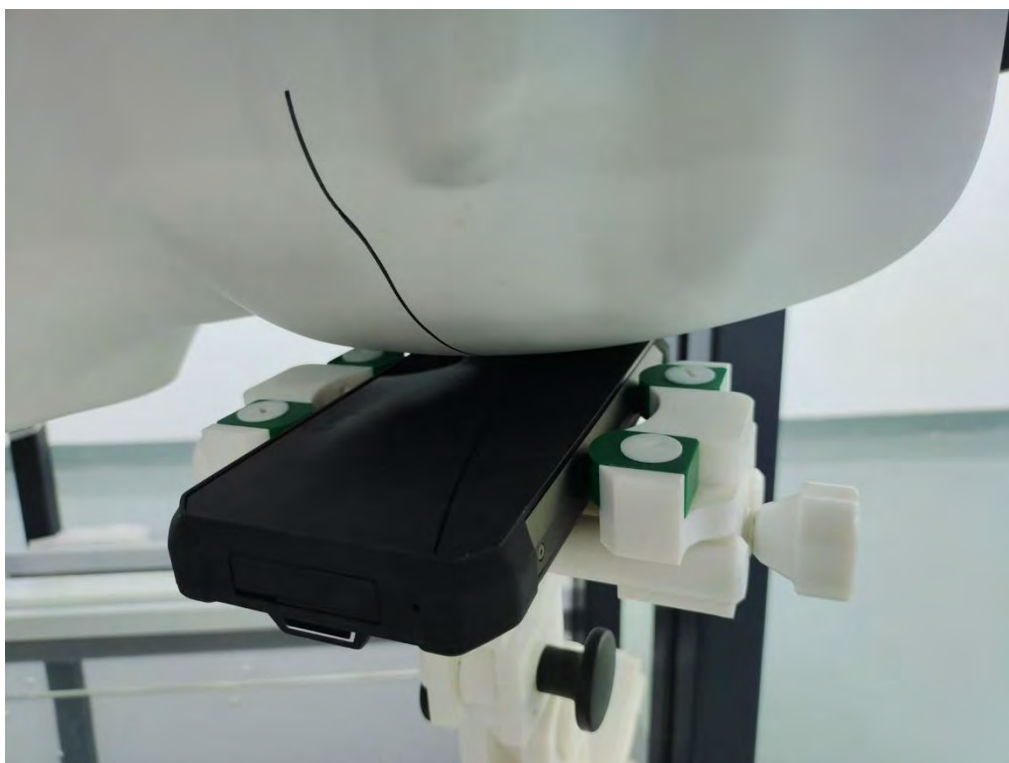




Left Touch



Left Tilt

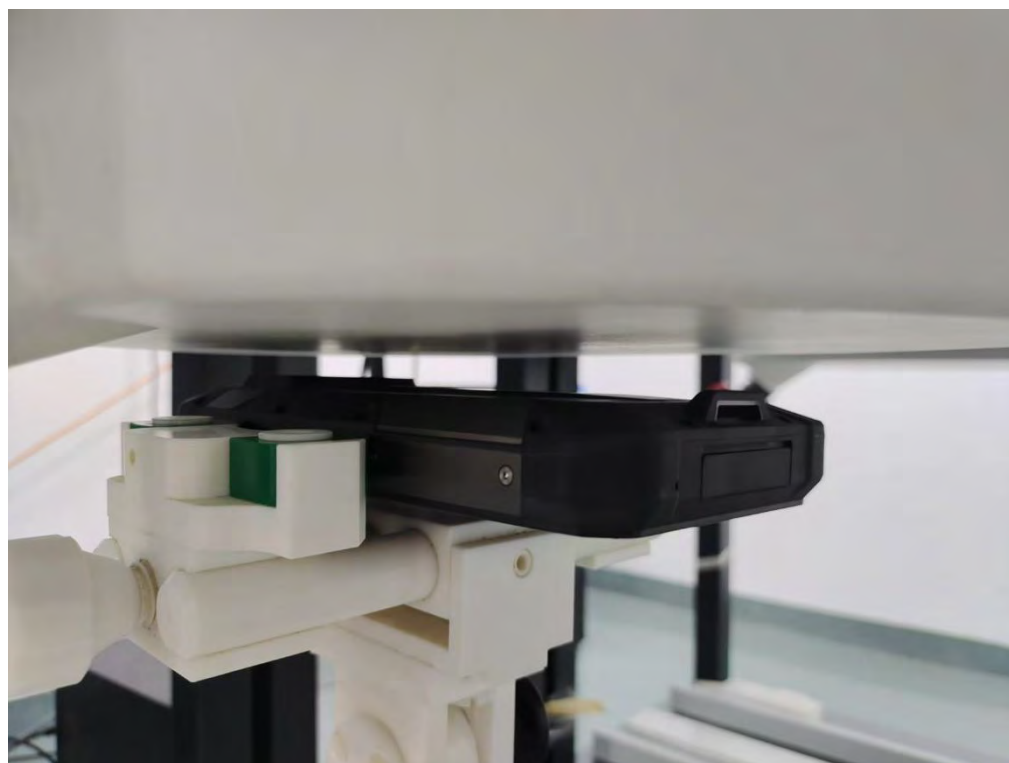




Body Front side (separation distance is 10mm)

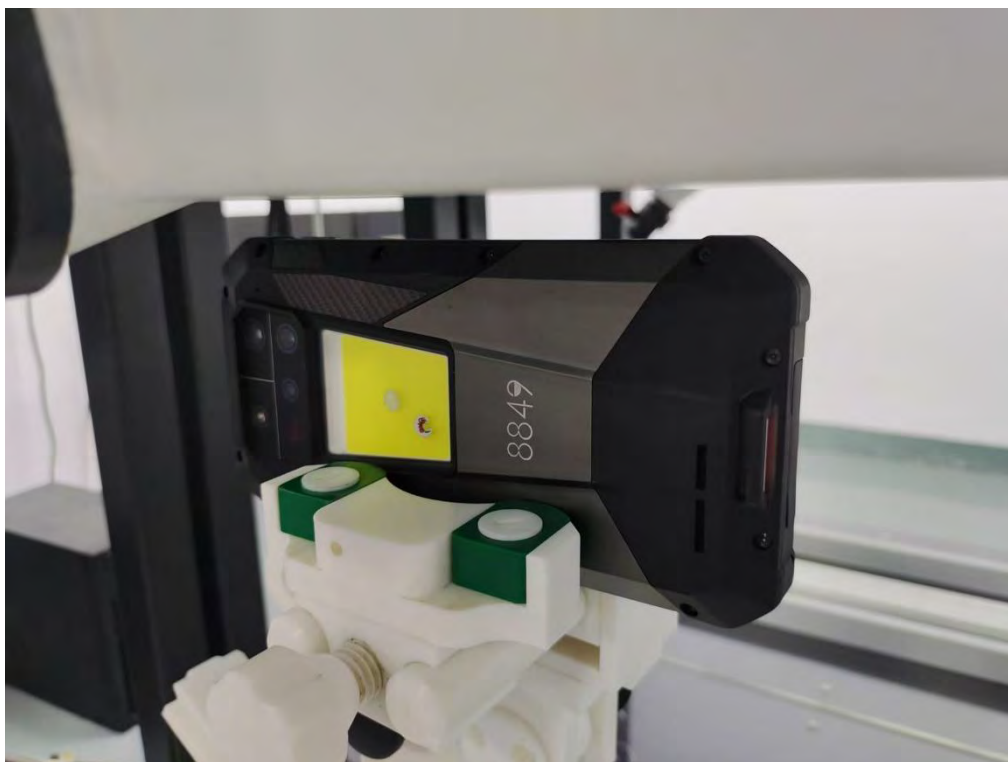


Body Back side (separation distance 10mm)





Body Left side (separation distance is 10mm)



Body Right side (separation distance is 10mm)

